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Network Infrastructure

- Antennas & Antenna Systems
- Transmission Line & Cable
- Tower & Site Support
- Telco Interface & In-Building Support
- Wireless Broadband

Mobile Devices & Accessories

- Phone Accessories
- Two-Way Radios & Accessories
- Data, Messaging & Location Systems
- Antennas, Mounts & Vehicle Equipment

Install, Test & Maintenance

- Site & Network Testing
- Bench Test Equipment
- Work Environment
- Electrical Supplies & Wire
- Repair Parts & Components

Everything for Designing, Building, Running, Maintaining or Using **Wireless.**

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Product + Supply Chain
Solutions™

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Network Infrastructure

Antennas & Antenna Systems
- Antennas, Base Station
- Antennas, Cellular & PCS
- Antennas, Microwave
- Antennas, Indoor (Cellular/SMR/PCS)
- Filters, Combiners, Duplexers, Ferrites
- Towertop Amplifiers

Transmission Line & Cable
- Coaxial Cable & Transmission Line
- Waveguide, Connectors & Accessories
- Braided Coaxial Cables
- Connectors for Transmission Line
- Connectors & Adapters for Braided Coax
- Jumper Assemblies
- Coax Cable & Transmission Line Accessories
- Dehydrator Systems

Tower & Site Support
- Mounts, Base Antenna
- Site Hardware
- Shelter Cable Support Systems
- Equipment Racks
- Enclosures, Indoor/Outdoor
- Lightning Protectors & Air Terminals
- Grounding Systems
- Exothermic Ground Connections
- Power Supplies, Rack Mounted
- Power Supplies, Tabletop
- Battery Backup Systems, Site
- Solar Power Products
- Towers

Telco Interface & In-Building Support
- Surge Protection, Battery Backups, UPS
- Network Cables
- Fiber Optic Cable & Components
- Premise Wiring Supplies
- Security Products
- Network Interfaces

Wireless Broadband
- Access Control Devices
- Mesh Networks
- In-Building Wireless LAN
- Broadband Wireless Access
- Free Space Optics
- Unlicensed T-Carrier
- Unlicensed Ethernet
- Licensed, Point to Point
- In-Building Phone Systems
- Amplifiers, Base Station & Repeater
- In-Building Amplifiers, Repeaters
- SCADA Spread Spectrum Receivers
- Telemetry

Mobile Devices & Accessories

Phone Accessories
- Accessories by Phone Type
- Data Interfaces, PCMCIA Modems
- Hands-Free, Car Kits, & Headsets
- Batteries, Transportable
- Cases & Belt Clips
- Antennas, Portable Cellular
- Transportable Antennas
- Display Materials

Two-Way Radios & Accessories
- Radios, Two-Way
- Encoders, Decoders, & ANI Systems
- Voice Encryption Modules
- Microphones
- Batteries, Two-Way Portable
- Chargers & Conditioners, Two-Way
- Battery Analyzers & Conditioners
- Cases, Two-Way Portable
- Headsets, Two-Way Portable
- Telephone Interconnect & Remote Control
- Speakers, Public Address
- Mobile RF Amplifiers
- Voltage Inverters & Converters
- Auto Security

Data, Messaging & Location Systems
- Hand-held Computer Accessories
- Bar Code Scanner
- Vehicle Tracking Systems

Antennas, Mounts & Vehicle Equipment
- Antennas, Mobile Two-Way, GPS, XM
- Antennas, Portable Two-Way
- Antennas, Mobile PCS & Dual Band
- Antennas, Mobile Cellular
- Mounts, Mobile Antenna
- Vehicle Mounts, Radios & Data Terminals
- Vehicle Mounts, Wireless Phone
- Light Bars & Sirens

Integrated
Product + Supply Chain
Solutions™

Install, Test & Maintenance

Site & Network Testing
- Calibration
- Test & Measurement Training
- Spectrum Analyzers
- RF & Microwave Network Analyzers & TDRs
- Antenna Testers & SWR Meters
- Power Meters & Wattmeters
- Loads, Attenuators, & Signal Samplers
- Data Network Analyzers
- Telephone/LAN Line Testing Equipment
- Fiber Optic Cable Testers
- Grounding & Power System Test Equipment

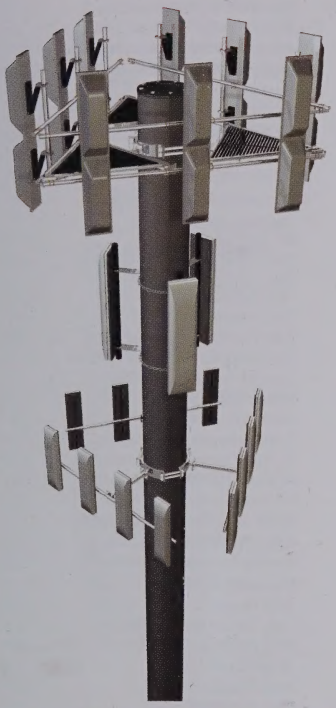
Bench Test Equipment
- Mobile Phone Test Sets
- Service Monitors
- Receiver Alignment Instruments
- Paging Test Equipment
- Oscilloscopes
- Signal & Function Generators
- Frequency Counters
- Multimeters & Capacitance Meters
- Variable DC Power Supplies
- Test Cables

Work Environment
- Power Tools
- Power Generators
- Tool Kits & Tool Cases
- Fiber Optic Tools & Accessories
- Hand Tools
- Telecom Tools & Accessories
- Outdoor Instruments
- Safety Equipment
- Climbing Equipment
- EME Compliance Products
- Shop Equipment
- Shelving & Bin Storage
- Vises
- Soldering Equipment & Supplies
- Static Protection Devices
- Chemicals, Cleaners, Adhesives

Electrical Supplies & Wire
- Relays & Auto-Electrical Accessories
- Installation Electrical Supplies
- Installation Hardware Supplies
- Wire & Multiconductor Cables
- Batteries, Alkaline, NiCd & Pager

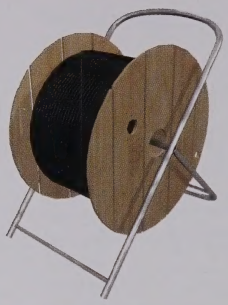
Repair Parts & Components
- Nokia Service Parts
- Kyocera Phone Parts

Network Infrastructure



Antennas & Antenna Systems

Antennas, Base Station 2
25-30 MHz, Ground Plane, Coaxial. 2
30-50 MHz, Ground Plane, Coaxial. 3
30-50 MHz, Dipole 5
30-50 MHz, Directional 6
30-50 MHz, Yagi, Corner Reflector 7
66-88 MHz, Ground Plane, Coaxial. 8
66-88 MHz, Dipole 9
66-88 MHz, Bidirectional. 10
66-88 MHz, Yagi, Corner Reflector 11
200 MHz, Any Style. 12
VHF, Ground Plane, Coaxial 17
VHF, Fiberglass/PVC Radome 22
VHF, Dipole. 27
VHF, Directional 34
VHF, Yagi, Corner Reflector. 35
UHF, Ground Plane, Coaxial 40
UHF, Fiberglass/PVC Radome 44
UHF, Dipole. 53
UHF, Panel 58
UHF, Yagi, Corner Reflector 59
764-806 MHz, Fiberglass, Omni. 67
Monitor/Scanner. 67
Accessories, Base Antenna 68
Power Splitters, Power Dividers 68
Harnesses, Antenna 71
Antennas, Cellular & PCS 72
806-960 MHz, Fiberglass, Omni 72
800-1000 MHz, Panel. 88
800-960 MHz, Log Periodic, Directional 101
806-896 MHz, Yagi, Corner Reflector . . . 112
806-896 MHz, Dual-Polarized 123
896-960 MHz, Fiberglass, Omni. 130
896-960 MHz, Panel, Directional 140
896-960 MHz, Yagi, Corner Reflector . . . 142
Dual-Band Cellular/PCS Panel 155
1710-1990 MHz, Fiberglass, Omni 156
1710-1990 MHz, Panel, Directional 160
1710-1990 MHz, Dual-Polarized 178
Antennas, Microwave 185
2.30-2.50 GHz 185
5.925-6.425 GHz 205
Dual-Band 2.3-2.5 & 5.25-5.85 GHz . . . 212
7.125-8.4 GHz 215
10.7-11.7 GHz 216
2400-2500 MHz, Fiberglass, Omni. 217
2400-2500 MHz, Panel 220
2400-2500 MHz, Yagi, Corner Reflector. . 235
Radome Covers, Microwave 238
Antennas, Indoor, Cellular / SMR / PCS 241
Filters, Combiners, Duplexers, Ferrites 263
Cavities, Lowband. 263
Cavities, VHF 264
Cavities, UHF 272
Cavities, 800-1000 MHz 277
Duplexers, Lowband 282
Duplexers, VHF 283
Duplexers, UHF. 292
Duplexers, 800-1000 MHz. 296
Combiners, VHF 300
Combiners, UHF 304
Combiners, 800-1000 MHz 311
Multicouplers, VHF 319
Multicouplers, UHF 321
Multicouplers, 800-1000 MHz 324
Filters, Active 328
Ferrites, Isolators, & Circulators 330
Matchers, Cross-Band Couplers. 333
Site Monitors & Accessories 334
Towertop Amplifiers 337
Amplifiers, Towertop 337
Preamplifiers 339



Transmission Line & Cable

Andrew Accessories Quick Pick 348
Commscope Accessories Quick Pick 355
Eupen Accessories Quick Pick 357
RFS Accessories Quick Pick 359
Times Accessories Quick Pick 367
Coaxial Cable & Transmission Line . . . 368
1/4", Superflexible 368
3/8", 1/2" & 7/8", Superflexible. 370
1/4", 3/8", &1/2" 373
5/8" & 7/8" 376
1-1/4" 379
1-5/8" & 2-1/4" 381
75 Ohm 383
Air Dielectric. 384
Radiating 386
Waveguide, Connectors & Accessories 387
Waveguide, Elliptical 388
Jumpers, Twist-Flex 391
Connectors. 391
Flange Adapters 392
Accessories 392
Coaxial Cables, Braided 394
RG58 394
RG59 395
Low-Loss. 396
RG8 396
RG6 399
RG11 400
RG142, RG174, & RG214. 400
Connectors, Transmission Line 403
1/4", Superflexible 403
3/8", Superflexible 404
1/2", Superflexible 405
1/4" & 3/8", Foam 408
1/2", Foam. 409
5/8", Foam. 413

Next Page: More Network Infrastructure ▶

Network Infrastructure

7/8", Foam 414
7/8", Superflexible 417
1-1/4", Foam 418
1-5/8", Foam 420
Splices, Inter-Cable 423
Air 423
Adapters 425
Pins & Parts 425
Installation, Connector 426

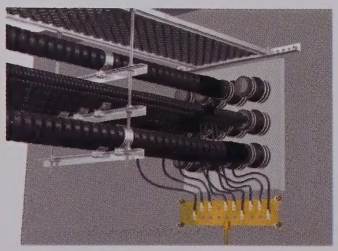
Interseries Adapter Part Number Chart 427

Connectors & Adapters, Braided Coax 428
Interseries Adapters 428
Adapter Kits 435
N Connectors 436
UHF Connectors 438
TNC Connectors 439
BNC Connectors 441
Mini UHF Connectors 442
7/16 DIN Connectors 443
SMA Connectors 443
Reverse Gender Connectors 444
FME Connectors & Adapters 445
F Connectors 446
SPL Connectors 447
SMB Connectors 447
MMCX Connectors 447
Ferrules 447
Strain Reliefs 448
D SUB Connectors 448

Jumper Assemblies 448
Braided Coax 448
Superflexible Cables 449
Foam Cables 451

Accessories, Coax & Transmission Line 454
Hanger Kits 454
Grounding Kits 457
Hoisting Grips 460

Dehydrator Systems 461
Dehydrators 461
Manifolds 462
Accessories 462
Fittings 463



Tower & Site Support

Mounts, Base Antenna 466
Frames, Tower 466
Mounts, Pole 468
Mount Kits, Side 472
Brackets, Downtilt 475
Mounts, Wall 476
Mounts, Rooftop 480
Mounts, Water Tower 485
Mounts & Clamp Sets 486
Mounts, Pipe, Kits & Adapters 493
Masts, Pipe & Antenna 496

Site Hardware 498
Channel & Accessories, Waveguide 498
Cable Tray & Sleeper Systems 504
Ladder, Vertical, Cable/Waveguide 508
Feed Thrus, Wall/Roof 510
Boots & Cushions, Waveguide 516
Supports, Vertical, Cable/Waveguide 520
Hanger Blocks Systems, Cable 524
Adapters, Angle Tower 526
Adapters, Round Tower, & Steel Strap 526

Shelter Cable Support Systems 530
Runway, Cable 530
Support Rails, Cable 533

Equipment Racks 537
Racks 537
Accessories, Rack 541

Enclosures, Indoor/Outdoor 543

Lightning Protectors & Air Terminals 546
Coax Protection, General Coverage 546
Coax Protection, Replacement Gas Capsule 548
Coax Protection, NEMP 549
Coax Protection, Combiner 549
Coax Protection, Filtered & Grounded 550
Amplifier Protection, Towertop 550
Microwave Protection 551
Satellite Protection 553
Surge Suppressors, AC Panel 553
AC Power Protection 554
AC Protection, Rack Mount 554
DC Power Protection 555
Phone, Data, Twisted Pair Protection 555
Strike Counters 558
Auxiliary Equipment & Accessories 558

Grounding Systems 560
Bars, Ground 560
Lugs, Clamps and Accessories 566
Wire, Ground 574
Strap, Ground 575
Rods, Ground 575
Rods, Chemical Ground 576
Lightning Conductors & Air Terminals 576

Exothermic Ground Connections 577
Ground Wire to Ground Rod 577
Ground Wire to Ground Rod, Mini Mold 579
Ground Wire to Ground Rod, One Shots 579
Ground Wire to Ground Wire 581
Ground Wire to Flat Plate or Bus Bar 582
Ground Wire to Pipe 584
T-Connections 585
X-Connections 586
Weld Metal 587
Handles & Accessories 588

Power Supplies, Rack Mounted 591
Power Supply without Meters 591
Power Supplies with Meters 593
Power Supplies with Battery Backup 594
Power Distribution Panels 595

Power Supplies, Tabletop 596
Voltage Converters, Isolated DC, Rack Mtd 596
Power Supplies 596

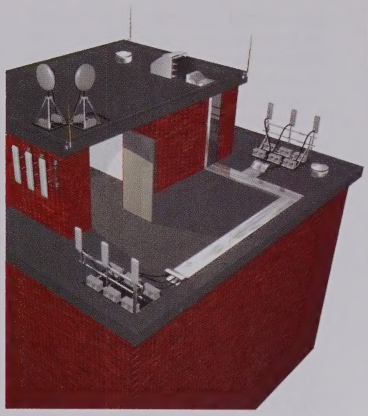
Network Infrastructure

Power Supplies with Speakers 603
Power Supply w/Cigarette Lighter Rec. . . 604
Power Supplies with Meters 605
Power Supplies, Variable Voltage & Amperage 605
Power Supplies, Industrial/OEM 606

Site Battery Backup Systems 607
DC 607
AC, Rack Mounted 608
Hybrid AC/DC 609
Relays, Emergency 609
Disconnects, Low-Voltage 609
Chargers for Backup Batteries 609

Solar Power Products 613
Backup Systems, Complete 613
Modules 614
Module Mounts 615
Charge Controllers 616
Inverters 617
Batteries, Communication Sites 618
Chargers, Battery 618

Towers 623
General Purpose 623
Heavy-Duty Sections 626
55G & 65G 627
Self-Supporting 627
Guyed, Complete Kits 629
Accessories 633
Guy Wire & Materials 634
Lighting 636
Grounding 636
Tools & Paint 636



Telco Interface & In-Building Support

Surge Protection, Battery Backups, UPS 642
Line Stabilizers/Conditioners, AC 642
Surge Protection, Phone & Fax Line 642
Surge Protectors, AC 643
Backup Systems, AC, Battery 644
Back-up Systems, Batteries 647

Network Cables 649
Cat 5 649
Telephone 651
Twisted Pair 652
Multiconductor 653

Fiber Optic Cable & Components 654
Cables 654
Jumpers 655

Premise Wiring Supplies 657
Inserts for Wall Plate/Boxes 657
Faceplates & Platforms 658
Platforms / Backboxes, Surface Mount . . 659
Connectors, Modular & Cat 5 660
110 Connecting Blocks & Accessories . . 660
Cable Management 661
Raceway & Accessories 662
Patch Panels 664
Patch Cords 665
Fiber Optic Items 665

Security Products, CCTV 667

Network Interfaces 669
Multiplexers 669
Routers 669
Switches 671
Hubs 671
Rate & Interface Converters 671

Wireless Broadband

Access Control Devices 674

Bandwidth/QoS Management 674

Mesh Networks 675

In-Building Wireless LAN 677

Broadband Wireless Access 683

Free Space Optics 691

Unlicensed T-Carrier 692

Unlicensed Ethernet 695

Licensed 696

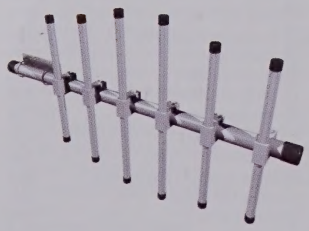
Phone Systems, In-Building 698
Base Stations, In-Building Phones 698
Phone Sets & Accessories 699

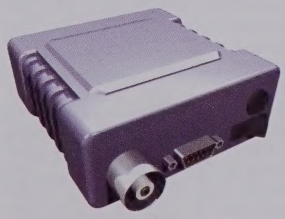
Amplifiers, Base Station & Repeater . . 701
Lowband & VHF 701
UHF 701
800 MHz 702

Amplifiers & Repeaters, In-Building . . 703
Extenders, Paging System 703
Extenders, Cellular/Trunking 703
Amplifiers, Small Area, Bidirectional 706
Amplifiers, Wireless LAN, Bidirectional . . 707

Transceivers, SCADA, Spread Spectrum 709

Telemetry 709





Next Page: Mobile Devices & Accessories

Mobile Devices & Accessories

Phone Accessories

- **Audiovox Accessory Quick Pick 714**
  - Audiovox 9155-GPX 719
  - Audiovox CDM-8300 723
  - Audiovox CDM-9150x 725
  - Audiovox CDM-9500 729
  - Audiovox CDM130, 135, 8100, PCX1100, 1110 731
- **Audiovox CDM9100 ..... 735**
  - Blackberry Accessory Quick Pick 740
  - Blackberry 5810 741
  - Blackberry 6710 742
- **Ericsson Accessory Quick Pick 743**
  - Ericsson 1228, R280/250 749
  - Ericsson R300 Series 753
  - Ericsson T28 757
  - Ericsson T60 761
  - Ericsson T61 767
  - Ericsson T68 771
- **Kyocera Accessory Quick Pick 776**
  - Kyocera 1135 785
  - Kyocera 1155 789
  - Kyocera 2135 793
  - Kyocera 2235 799
  - Kyocera 2255 803
  - Kyocera 2325 808
  - Kyocera 2345 810
  - Kyocera 5135 813
  - Kyocera 6035 SmartPhone 816
  - Kyocera 7135 820
  - Kyocera QCP3035 823
- **LG Accessory Quick Pick 828**
  - LG InfoComm 4400 832
  - LG InfoComm 4NE1 833
  - LG InfoComm DM-510 834
  - LG InfoComm TP-5350 838
  - LG InfoComm VX-1 841
  - LG InfoComm VX-2000 844
- **Motorola Accessory Quick Pick 847**
  - Motorola 120 Series 869
  - Motorola C331t 875
  - Motorola C332g 878
  - Motorola L7082, L7089, P7382, P7389 880
  - Motorola StarTac 884
  - Motorola T193 891
  - Motorola T2200 Series 895
  - Motorola T720 900
  - Motorola Timeport 270c 903
  - Motorola Timeport 280 909
  - Motorola V.60 Series 914
  - Motorola V2200, V2300 Series 920
  - Motorola V60i 926
  - Motorola V66 929
  - Motorola V70 932
  - Motorola i30sx 936
  - Motorola i50sx 939
  - Motorola i55sr 943
  - Motorola i60 946
  - Motorola i80s 949
  - Motorola i85s 952
  - Motorola i90 957
  - Motorola i95cl 961
  - Motorola iDEN i1000 964
- **Nokia Accessory Quick Pick 970**
  - Nokia 1260 998
  - Nokia 3280, 3285 1001
  - Nokia 3360 1007
  - Nokia 3390 1017
  - Nokia 3585 1024
  - Nokia 3590 1026
  - Nokia 5100 Series 1030
  - Nokia 5125, 5165 1045
  - Nokia 6100 Series 1059
  - Nokia 6310 1068
  - Nokia 6360 1071
  - Nokia 6500 Series 1076
  - Nokia 7210 1080
  - Nokia 8260 1083
  - Nokia 8265 1087
  - Nokia 8270 1091
  - Nokia 8290 1093
  - Nokia 8310, 8390 1097
  - Nokia 9290 1101
- **Samsung Accessory Quick Pick 1103**
  - Samsung SCH-A310 1107
  - Samsung SGH-N625 1109
  - Samsung SGH-R225, SGH-R225M 1110
  - Samsung SGH-S105 1112
  - Samsung SGH-V205 1114
  - Samsung SPH-A460 1115
  - Samsung SPH-A500 1117
  - Samsung SPH-N240 1119
  - Samsung SPH-N400 1122
- **Siemens Accessory Quick Pick 1124**
  - Siemens M46 1125
- **Sony Accessory Quick Pick 1127**
  - Sony Ericsson T200 1129
  - Sony Ericsson T206 1132
  - Sony Ericsson T300, T306 1133
- **Data Interfaces, PCMCIA Modems ... 1137**
  - Data Interfaces for Portable Phones ... 1137
  - Modems, Cellular 1140
- **Hands Free, Car Kits, & Headsets ... 1140**
  - Digital Organizers 1140
  - Headsets 1140
  - Mobile Mounting / Bagphone Equipment 1147
- **Batteries, Wireless Phones 1148**
  - Transportable 1148
  - Recycling Containers 1148
- **Cases & Belt Clips 1149**
- **Antennas, Portable Cellular 1152**
- **Display Materials 1152**
  - Slatwall 1152
  - Grid 1154
  - Countertop 1155
  - Manufacturers 1156

Two-Way Radios & Accessories

- **Radios, Two-Way 1162**
  - Personal Communications 1162
  - LMRS 1167
- **Encoders, Decoders, & ANI Systems . 1169**
  - Decoders, DTMF 1169
  - CTCSS, Sub-Audible 1169
  - Encoders/Decoders, Plug-In 1169
  - Digital Coded Squelch 1169
  - Shared Repeater Panels 1169
  - Encoders, Receivers and Modems, Paging 1170
  - ANI/Status Systems 1170
- **Voice Encryption Modules 1170**
  - Morse Code Identifiers 1170
  - Voice Encryption Modules for Radios .. 1170
- **Microphones 1171**
  - Desk 1171
  - Mobile 1171
  - Dispatch Gooseneck 1171
  - Speaker 1172
  - Accessories 1174
- **Batteries, Two-Way Portable 1174**
  - Motorola 1174
  - Ericsson / M/A-COM 1178
  - Icom 1180
  - Kenwood 1181
  - Wilson, Relm, Regency, Uniden 1183
  - E.F.Johnson 1184
  - Ritron, Jobcom 1184
  - Midland 1184
  - King / Bendix 1185
  - Standard Radio 1185
  - Maxon 1185
  - Tekk 1186
  - YAESU / Vertex 1186
  - Battery Clips 1187
  - Eliminators / Cradles 1187
- **Chargers & Conditioners, Two Way .. 1188**

Mobile Devices & Accessories

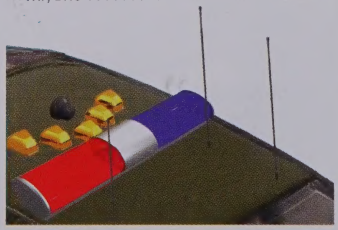
- **Battery Analyzers & Conditioners ... 1190**
  - Battery Analyzers/Conditioners ... 1190
  - Adapter Cups for Battery Analyzers ... 1192
- **Cases, Two-Way Portables ... 1195**
  - Ericsson ... 1195
  - Kenwood ... 1196
  - Motorola ... 1196
  - Accessories ... 1197
  - Waterproof ... 1197
- **Headsets, Two-Way Portable ... 1198**
  - Headsets ... 1198
  - PTT / VOX Adapters ... 1200
- **Telephone Interconnect & Remote Control ... 1201**
  - Telephone Interconnect ... 1201
  - DC Remote Controls ... 1201
  - DC Remote Termination Panels ... 1202
  - DC to Tone Converters ... 1203
  - Tone Remotes ... 1203
  - Tone Remote Termination Panels ... 1205
  - Local Extension Dispatcher ... 1206
  - Specialty Remote Systems ... 1206
  - Remote Cable & Footswitches ... 1211
- **Speakers, Public Address ... 1211**
  - Amplifiers ... 1211
  - Speakers ... 1212
  - Megaphones, Sirens ... 1215
- **Mobile RF Power Amplifiers ... 1216**
  - Lowband ... 1216
  - VHF ... 1216
  - UHF ... 1216
- **Voltage Inverters & Converters ... 1216**
  - RF Power Amp, 800 MHz ... 1216
  - Inverters, DC to AC Voltage ... 1216
  - Converters, DC to DC Voltage ... 1219
  - Converters, Isolated DC to DC Voltage ... 1221
  - Converters, Spike Prot. Isolated DC to DC ... 1221
  - Converters, Positive to Negative Ground 1221
  - Timer Switch ... 1221
- **Auto Security ... 1222**

Data, Messaging & Location Systems

- **Hand-Held Computer Accessories ... 1226**
- **Bar Code Scanner ... 1227**
- **Vehicle Tracking Systems ... 1228**

Antennas, Mounts & Vehicle Equipment

- **Antennas, Mobile Two-Way, GPS, XM ... 1234**
  - 25-88 MHz, Quarterwave, Whip ... 1234
  - 25-88 MHz, Base Loaded ... 1234
  - 108-940 MHz, Quarterwave, Tunable ... 1238
  - 108-174 MHz, Quarterwave, Unity Gain ... 1242
  - 130-174 MHz, Gain ... 1244
  - 130-174 MHz, No Ground Plane Required ... 1251
  - 130-174 MHz, Glass, Low Profile, Marine ... 1252
  - 200-250 MHz, All Styles ... 1256
  - 406-512 MHz, Quarterwave, Unity Gain ... 1258
  - 406-512 MHz, Gain ... 1260
  - 406-512 MHz, No Ground Plane Required ... 1269
  - 406-512 MHz, Glass, Low Profile, Marine ... 1270
  - 800 MHz, Quarterwave, Unity Gain ... 1274
  - 800 MHz, Gain, Rooftop, Mag, Trunk Lip ... 1276
  - 800 MHz, Glass Mount ... 1285
  - 800 MHz, Elevated Feed ... 1286
  - 800 MHz, Low Profile, Marine ... 1289
  - 900 MHz, Rooftop, Mag, Trunk Lip ... 1291
  - 900 MHz, Glass Mount ... 1298
  - 900 MHz, Elevated Feed ... 1300
  - Monitor ... 1302
  - Disguise ... 1304
  - Dual-Band ... 1304
  - GPS ... 1308
  - 2.4 GHz, Rooftop, Mag, Trunk Lip ... 1314
  - XM Radio ... 1315
  - Adapters, Mobile Mounting ... 1316
  - Coils, Bases ... 1317
  - Springs ... 1318
  - Replacement Parts, Misc. ... 1318
  - Brackets ... 1320
  - Replacement Whips, Radiators ... 1321
  - Cable Assemblies ... 1322
- **Antennas, Portable Two Way ... 1323**
  - 30-50 MHz, 5/16"-32 x 1/2" (HT 220) ... 1323
  - 30-50 MHz, 1/4" x 7/32" (MX, Radius) ... 1323
  - VHF, 5/16"-32 x 1/2" (HT) ... 1323
  - VHF, 5/16-32 x 3/8" (King, Ritron / Jobcom) ... 1323
  - VHF, 1/4"-32 x 7/32" (MX, Radius) ... 1323
  - VHF, UHF Male ... 1324
  - VHF, BNC ... 1324
  - VHF, TNC ... 1324
  - VHF, SMA ... 1325
  - VHF, M7 x 1.0 (GE MPA, MPD) ... 1325
  - UHF, 5/16"-32 x 1/2" (HT) ... 1325
  - UHF, 1/4"-32 x 7/32" (MX, Radius) ... 1326
  - UHF, UHF Male ... 1326
  - UHF, BNC ... 1326
  - UHF, TNC ... 1327
  - UHF, M7 x 1.0, (GE MPA, MPD) ... 1327
  - UHF, SMA ... 1327
  - 806-869 MHz, M7x1.0 (GE MPA, MPD) ... 1328
  - 806-866 MHz, BNC ... 1328
  - 806-866 MHz, TNC ... 1328
  - 806-869 MHz, SMA ... 1329
  - Special Purpose ... 1329
- **Antennas, Mobile PCS & Cellular ... 1331**
- **Antennas, Mobile Cellular ... 1335**
  - Quarterwave, Antenna Only ... 1335
  - Gain, Antenna Only ... 1336
  - Rooftop, Complete ... 1339
  - Magnetic Mount, Complete ... 1340
  - Glass Mounted ... 1341
  - Passive Repeater ... 1343
  - Elevated Feed ... 1344
  - Suction Cup ... 1346
  - External Antenna Kits for Portables ... 1346
  - Couplers ... 1347
  - Low Profile, No Ground, AM/FM ... 1349
  - Glass-Mount Reinstall Kits ... 1352
  - Replacement Whips ... 1352
- **Mounts, Mobile Antenna ... 1354**
  - Motorola Style, Permanent Hole ... 1354
  - Motorola Style, Magnetic ... 1357
  - Motorola Style, Trunk Lip ... 1359
  - Motorola Style, Mirror, Gutter ... 1360
  - 5/16" x 24 Stud Type, Permanent Hole ... 1361
  - 5/16" x 24 Stud Type, Magnetic ... 1361
  - 5/16" x 24 Stud Type, Trunk Lip ... 1361
  - Larsen PO, NLA, BNC Style ... 1362
  - Antenna Specialists Non-Motorola Type ... 1362
  - Marine Mounting Hardware ... 1362
- **Vehicle Mounts, Two-Way Radios / Data Terminals ... 1364**
  - Mounts, Slide ... 1364
  - Brackets, Mounting, Fixed Radio ... 1365
  - Brackets, Stacking, for Multiple Radios ... 1366
  - Mounts, Data Terminal & Computer ... 1368
- **Vehicle Mounts, Wireless Phone ... 1373**
  - Vehicle-Specific ... 1373
  - Pedestal ... 1384
  - Flex Type ... 1387
  - Extensions & Accessories ... 1388
  - Mounting Plates, Cradles, Holders ... 1390
- **Light Bars & Sirens ... 1395**



Next Page: Install, Test & Maintenance

Install, Test & Maintenance

Site & Network Testing

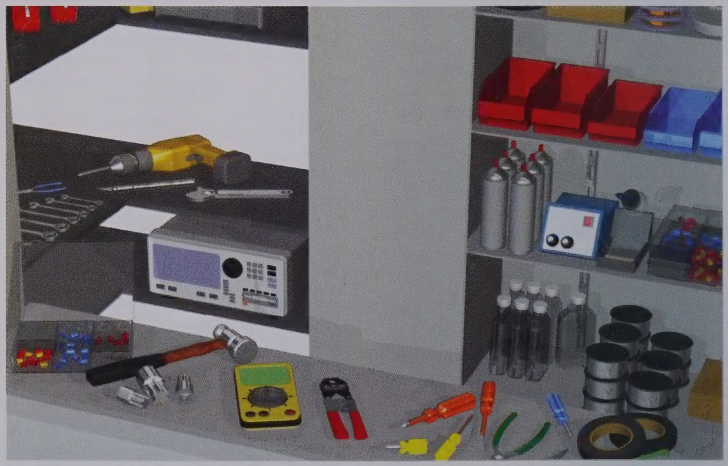
- **Calibration 1402**
- **Test & Measurement Training 1402**
  - RF & Microwave Test Equipment 1402
  - Line Sweeping & Spectrum Analysis .. 1402
- **Spectrum Analyzers 1403**
- **RF / Microwave Network Analyzers & TDRs 1410**
  - Analyzers, Cable System 1410
  - Analyzers, Network 1415
  - TDRs (Time Domain Reflectometers) .. 1416
- **Antenna Testers & SWR Meters 1419**
  - Antenna Testers, SWR Meters 1419
  - Accessories, SWR Meter 1420
- **Power Meters & Wattmeters 1421**
  - Meters, Power 1421
  - Wattmeters, RF Directional 1424
  - Wattmeters, Digital 1425
  - Accessories 1426
  - Elements for Bird Thruline Wattmeters 1428
  - Connectors, Quick Change 1430
- **Loads, Attenuators & Signal Samplers 1431**
  - Signal Samplers, RF 1431
  - RF Load Resistors, Dry 1431
  - RF Load Resistors, Oil Filled 1433
  - Attenuators, RF 1433
  - Meters, Field Strength 1435
- **Data Network Analyzers 1436**
  - T1, T3, SONET 1436
  - LAN/WAN, ATM, Frame Relay 1440
  - xDSL & ISDN Network 1443
  - Network Inspectors 1444
- **Telephone/LAN Line Testing Equipment 1446**
  - Transmission Test Equipment 1446
  - LAN/Cable Qualification Testers 1448
  - Lineman's Test Sets 1453
  - Telecom Cable Locators & Testers 1455
- **Fiber Optic Cable Testers 1457**
  - Inspectors & Certifiers 1457
  - Power Meters & Sources, Hand-Held 1458
  - Time Domain Reflectometers, Optical 1460
- **Grounding & Power System Test Equipment 1462**
  - Testers, Ground Resistance 1462
  - Accessories, Earth Ground Tester 1464
  - Testers, Insulation & Hi-Pot 1464
  - Analyzers, Power Line 1466
  - Analyzers, Battery System 1467

Bench Test Equipment

- **Mobile Phone Test Sets 1474**
  - Test Sets, Digital & Cellular 1474
  - Testers, Cellular 1476
  - Manuals, Phone Programming 1477
- **Service Monitors 1477**
  - Accessories, Service Monitor 1478
- **Receiver Alignment Instruments 1478**
  - SINAD Meters 1478
- **Paging Test Equipment 1479**
  - Millivolters 1479
  - Pager Test Equipment Packages 1479
  - Pager Test Equipment 1479
- **Oscilloscopes 1481**
  - Analog 1481
  - Digital 1482
  - Hand-Held 1484
  - Probes 1485
  - Digital Phosphor 1485
  - Accessories 1486
- **Signal & Function Generators 1486**
- **Frequency Counters, Hand-Held 1488**
- **Frequency Counters 1489**
  - Benchtop 1489
  - Accessories 1490
- **Multimeters & Capacitance Meters .. 1491**
  - Digital 1491
  - Analog 1499
  - Clamp-On 1500
  - Benchtop, Digital 1503
  - Capacitance & LCR Meters 1504
- **Multimeters & Capacitance Meters .. 1505**
  - Capacitance Probes, Glass Testers 1505
  - Temperature Meters & Accessories 1505
  - Data Logging Equipment 1505
  - Probes & Accessories 1505
  - Test Leads for Multimeters 1506
  - Cases for Meters 1508
- **Variable DC Power Supplies 1510**
- **Test Cables 1511**

Work Environment

- **Power Tools 1514**
  - Drills, Cordless 1514
  - Drills, Power 1515
  - Accessories, Drill & Driver 1517
  - Bits, Drill 1518
  - Drills, Antenna Hole, & Hole Saws 1520
  - Vacuums, Shop 1521
  - Saws, Power 1522
- **Power Generators 1522**
- **Tool Kits, Tool Cases 1523**
  - Tool Kits, Complete 1523
  - Cases without Tools 1531
  - Cases, Equipment Protection 1537
  - Cases, ATA Transport 1539
  - Bags, Tool 1540
  - Carts, Luggage 1540
- **Fiber Optic Tools & Accessories 1541**
  - Fiber Optic Strippers 1541
  - Kevlar Cutters 1542
  - Consumables Kits 1542



Install, Test & Maintenance

- **Hand Tools 1542**
  - Fiber Optic Installer Kits 1542
  - Crimpers, Coaxial 1542
  - Crimpers, Terminal Lug 1545
  - Crimpers, Modular Plug 1548
  - Strippers, Wire 1552
  - Tools, Cable Prep 1555
  - Tools, Multipurpose 1562
  - Knives & Scrapers 1563
  - Saws 1565
  - Staple Guns & Staples 1566
  - Glue Guns 1567
  - Tools , Alignment 1568
  - Pliers, Standard (5" Plus) 1568
  - Pliers, Lineman's 1569
  - Scissors 1570
  - Hex Drive Bits, 1/4" 1570
  - Cutters & Pliers, Precision 1573
  - Cutters, Precision 1574
  - Cutters, Standard 1577
  - Cutters, Large Cable 1578
  - Pliers, Adjustable 1579
  - Wrenches 1581
  - Hex Driver Sets 1585
  - Screwdriver Sets 1589
  - Screwdrivers, Individual Flatblade 1590
  - Screwdrivers, Torx 1592
  - Screwdrivers, Phillips 1593
  - Nut Drivers 1594
  - Locking Forceps, Tweezers 1596
  - Blade Tools, Interchangeable 1598
  - Tools, Measuring 1599
  - Fish Tapes & Wire Installation 1600
  - Hammers 1601
  - Torque Drivers 1602
  - Tools, Insertion/Extraction 1606
  - Screwdrivers, Precision 1607
  - Tools, Battery 1610
  - Punches & Chisels 1611
  - Brushes 1612
  - Tools, Wire Wrap 1612
  - Tools, Special Application 1614
  - Circuit Testers 1616
  - Locks 1617
  - Screwdrivers, Quick Change 1617
  - Magnetizer/Demagnetizer 1619
- **Telecom Tools & Accessories 1619**
  - Telecom Craft Tools 1619
  - Communication Cable Cutters 1624
- **Outdoor Instruments 1625**
  - GPS & Navigation Aids 1625
  - Laser Range Finders 1628
  - Optics 1628
  - Compasses 1629
- **Safety Equipment 1630**
  - First Aid Kits 1630
  - Eye Protection 1630
  - Hearing & Inhalation Protection 1631

  - Body Protection Gear 1632
  - Hard Hats 1641
  - Gloves 1642
  - Nose & Mouth Protection 1643
  - Reflective Safety Products 1644
  - Rainwear 1645
- **EME Compliance Products 1645**
  - EME Alarms 1645
  - RF Protective Apparel 1645
  - EME Signs 1646
- **Shop Equipment 1648**
  - Workbenches, Complete w/ Accessories 1648
  - Workbenches, Complete 1649
  - Accessories, Workbench 1650
  - Tool Boxes 1651
  - Tool Chests 1652
  - Chairs & Stools 1653
  - Ladders 1654
  - Flashlights 1654
  - Illuminated Magnifiers 1658
  - Microscopes 1659
  - Fume Extraction 1661
  - Brooms, Dust Pans, Seat / Floor Covers 1662
  - Extension Cords, Outlet Strips 1662
  - Cable & Wire Handling Equipment 1663
- **Shelving & Bin Storage 1664**
  - Parts Bins 1664
  - Plastic Bin Boxes 1665
- **Vises 1666**
- **Soldering Equipment & Supplies 1667**
  - Pencil Soldering Irons, Soldering Gun 1667
  - Cordless Soldering Irons 1668
  - Soldering, Desoldering, Hot-Air Systems 1670
  - Solder and Supplies 1675
  - Soldering Aids 1677
  - Soldering Replacement Parts Table of Contents 1677
  - Soldering Iron Replacement Parts 1678
  - Soldering Tips 1681
  - Desoldering Tips 1686
  - Hot Air Soldering Tips 1688
- **Static Protection Devices 1688**
  - Static Shielding Bags 1688
  - Conductive Mats & Kits 1688
  - Wrist Straps 1690
  - Static, Tapes & Labels 1693
  - Static Accessories 1694
  - Static Testing 1696
  - Static, Boxes & Foam 1697
  - Anti-Static Treatments 1697
- **Chemicals, Cleaners, Adhesives 1697**
  - Air Dusters 1697
  - Cleaner/Degreasers 1698
  - Hand Cleaners 1702
  - Flux & Flux Removers 1702
  - Freeze Sprays 1703
  - Solvents 1703
  - Lubricants 1704
  - Electrical Coatings 1704
  - Adhesives 1705
  - Swabs & Chemical Accessories 1707
  - Galvanizing Products 1709
  - Paints 1710
  - RTV Sealant 1710

Next Page: More Install, Test & Maintenance

TESSCO TECHNOLOGIES®

Install, Test & Maintenance

Electrical Supplies & Wire

Relays & Auto-Electrical Accessories 1714
Horn Relays 1714
Engine Noise Filters 1715
DC Power Stabilizers/Protectors..... 1716

Installation Electrical Supplies 1716
GMA Glass Fuses 1716
AGC Style Fuses, Taps, Holders 1716
ATC Style Fuses, Taps, Holders 1718
Fuses, Mini-ATM & Maxi-ATC..... 1721
Fuses, AGU Style..... 1723
Connectors, Modular Telephone 1724
Terminal Kits 1724
Crimp Caps 1724
Connectors, Bullet 1724
Connectors, Male Quick Slide 1724
Connectors, Female Quick Slide 1725
Terminals, Ring..... 1726
Terminals, Spade/Fork 1728
Connectors, Insulated Quick Slide, Male/Female 1728
Connectors, Butt..... 1729
Connectors, Splice, & Disconnects ... 1730
Battery Taps & Bolts 1731
Alligator Clips 1732
Wire Connectors 1732
Switches 1732
Split Loom Tubing 1733
Cigarette Lighter Plugs/ Sockets 1734
Auto Sound Hardware 1734
Heat Shrink Tubing 1736
Heat Shrink Guns 1738

Installation Hardware Supplies 1741
Tape, Electrical, & Cold Shrink 1741
Hook & Loop Fasteners 1744
Cable Ties 1745
Cable Tie Tools 1749
Grommets 1750
Nylon Cable Clamps & Clips 1750
Wire Markers 1751
Screws, Sheet Metal & TEK 1751
Metal Piercing Stingers 1756
Machine Screws..... 1756
Nuts, HEX and Keep 1759
Washers 1760
Camouflage Screw Caps 1761
Automobile Wiring Harnesses 1761

Wire & Multiconductor Cables 1762
Automotive Hookup Wire 1762
Speaker Wire & Zip Cords 1764

Batteries, Alkaline, NiCd & Pager 1765

Repair Parts & Components

Nokia Service Parts Quick Pick 1770
Nokia 8890 1770
Nokia 8860 1771
Nokia 8390 1772
Nokia 8290 1773
Nokia 8270 1774
Nokia 8265 1775
Nokia 8260 1776
Nokia 7160 1777
Nokia 6360 1778
Nokia 6190 1779
Nokia 6185 1780
Nokia 6162 1781
Nokia 6161 1782
Nokia 6160 1783
Nokia 6120 1784
Nokia 5190 1785
Nokia 5185i 1786
Nokia 5180 1787
Nokia 5170 1788
Nokia 5165 1789
Nokia 5160 1790
Nokia 5125 1791
Nokia 5120 1792
Nokia 3390 1793
Nokia 3360 1794
Nokia 3285 1795
Nokia 2190 1796
Nokia 2180 1797
Nokia 2120, 2160..... 1798
Nokia 252 1799
Nokia 918 1800

Kyocera Phone Parts 1801
Kyocera QCP 6035 1801
Kyocera QCP 3035 1803
Kyocera QCP 2760 1805
Kyocera 2345 1807
Kyocera 2325..... 1808
Kyocera 2255 1810
Kyocera 2235..... 1812
Kyocera 2135 1814
Kyocera QCP 2035 1816
Kyocera QCP 1960 1818
Kyocera 1135..... 1820
Kyocera QCP 860 1822

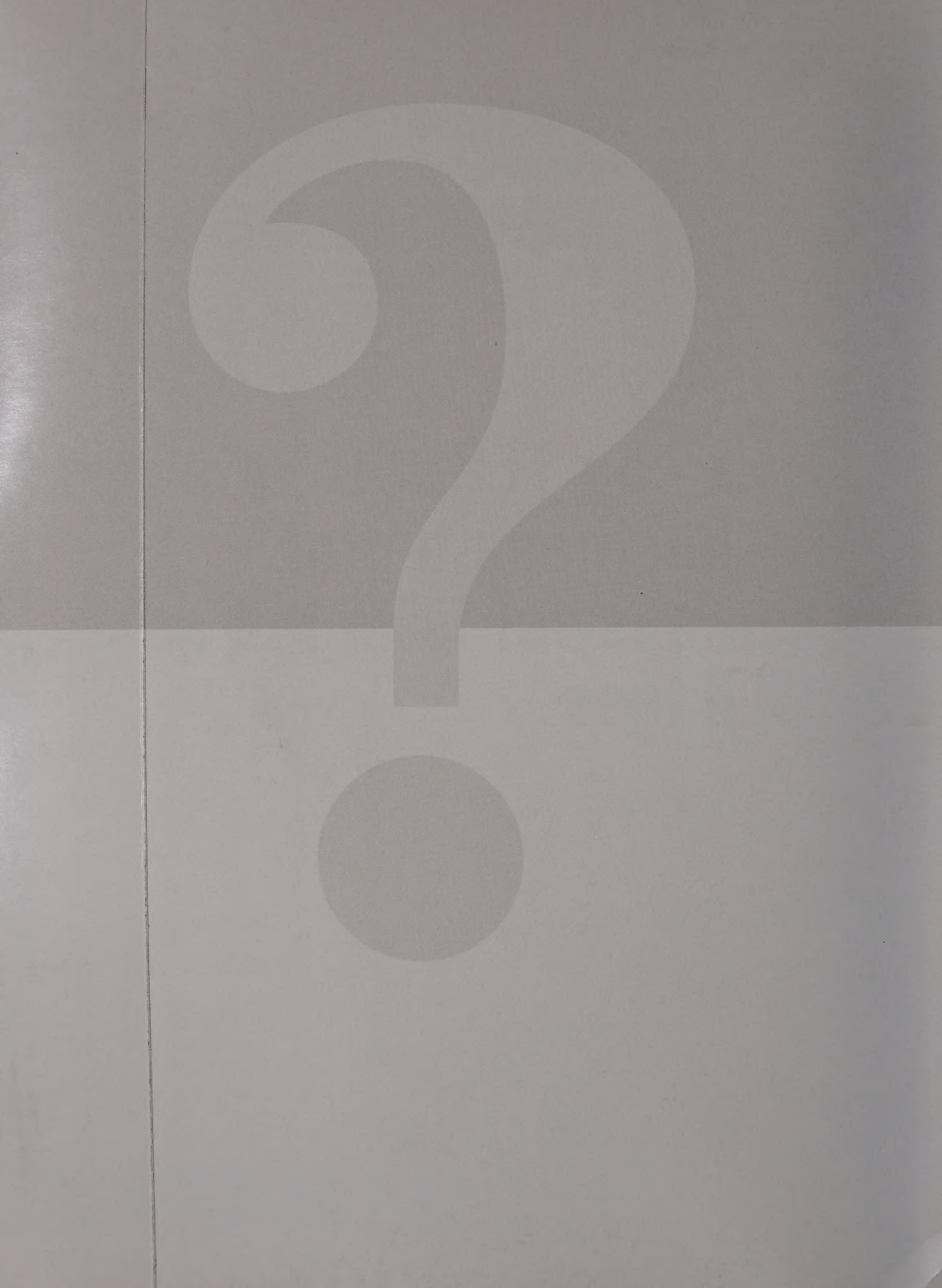
Index of Product Selection Aids

Illustrations of Wireless Applications ...Tab 2
New & Hot Products .....Tab 3
About Cable & Reels 346
Andrew Accessories Quick Pick 348
Commscope Accessories Quick Pick 355
Eupen Accessories Quick Pick 357
RFS Accessories Quick Pick 359
Times Accessories Quick Pick 367
Interseries Adapter Part Number Chart ...427
About Solar & Wind Power 611
Complete Guyed Tower Kits 619
Audiovox Accessory Quick Pick 714
Blackberry Accessory Quick Pick 740
Ericsson Accessory Quick Pick 743
Kyocera Accessory Quick Pick 776
LG Accessory Quick Pick 828
Motorola Accessory Quick Pick 847
Nokia Accessory Quick Pick 970
Samsung Accessory Quick Pick 1103
Siemens Accessory Quick Pick 1124
Sony Accessory Quick Pick 1127
Elements for Bird Wattmeters 1428
Soldering Replacement Parts Table 1677
Nokia Service Parts Quick Pick 1770
Kyocera Phone Parts 1801

Index of TESSCO Service Solutions

Service Directory .....S40, Tab 2
Literature Request Form 638
System Planning Guide 639
Financing Options 710
TESSCO Credit Card 711
TESSCO.com 1157
30-Day Return Policy 1158
Terms & Conditions 1944

How can TESSCO help you do business better? The answer is in the next 12 pages.



The 28,000 products in this guide

are only half the story.

Your Total Source

The TESSCO team consists of experts in wireless engineering, product development, customer service, technical support, IT, e-commerce, logistics, marketing, credit and financing and more, available 24 hours a day, 7 days a week.

Product + Knowledge

TESSCO's experts bring you unprecedented KNOWLEDGE. These experienced professionals have spent years working in the field and solving every conceivable wireless and supply chain challenge. This intelligence and hands-on experience give TESSCO the ability to CONFIGURE and DELIVER the perfect products for your needs and keep you in CONTROL of your purchases, inventory and bottom line.

What you need:

Knowledge. The wireless industry is a complicated, moving target. New applications and products are introduced every day. You need a single source to help you sort out everything from industry trends to the subtle difference between two seemingly identical products.

What we can provide:

To make sure we have the correct – and best – products you need to build, maintain, run or use a wireless system, we have gathered a group of experts with unequaled KNOWLEDGE of the wireless industry. These experts constantly source, test and add product, specifications and comparisons to TESSCO's Product Knowledge and availability system. This valuable knowledge is available in this TESSCO® *Solutions Guide*, and augmented and supported, on the phone, in the field, and online at TESSCO.com.® News and updates come to you via the *Transmitter*® and *The Wireless Journal*® and in a variety of specialty digital and print publications. TESSCO offers a variety of training seminars and after-sales technical, training and installation support.

The bottom line?

TESSCO's brainpower transforms a massive amount of information and data into usable and user-friendly knowledge for you to make fast optimum decisions.

Knowledge

Choice comparison
Comprehensive online and print versions eliminate supplier catalogs and are organized by product, not manufacturer. Supported by engineering and technical staff.

Product & delivery pricing system
Calculate total delivered costs up front.

Integrated product labeling & packing lists
Clear, consistent labels, bar-codes, packing lists and purchase orders help organize and simplify.

After-sale technical, training & installation support

Risk-free trial and full warranty support

Your Total Source

"To drive productivity in the field, site or store, you need your products ready for immediate use…not a bag of parts. That's configuration."

Product + Configuration

What you need:

A choice of products and brands – the "best of breed." But it's more than that. You need an end-to-end solution. You need customized configurations tailored for you. And you need them to arrive ready to be put into use. You need things the way you need them.

Network Infrastructure: integrating the base site logistics.
From RF propagation to fixed wireless broadband transceivers and controllers to in and out of building site support components, we have everything you need from end to end. And the most comprehensive brand choices.

Mobile Devices & Accessories: keeping wireless users on the air.
From two-way radios to surveillance solutions and the latest portable messaging devices, we have everything you need to keep users on the air. TESSCO offers a wide choice of two-way radios, accessories and mounting solutions; the broadest selection of wireless phone accessories and the latest in data, messaging and location systems.

Installation, Testing & Maintenance: keeping engineers and technicians productive.
From base station testing to microwave links, we have everything you need to install, test, maintain and fix wireless systems and hardware. TESSCO has everything you think of, and everything you don't…all your testing equipment, tools and shop supplies are available from *Your Total Source*®.

What we can provide:

Not only do we have 28,000 products in inventory, but we can also CONFIGURE the product combination that works best to achieve your goals. TESSCO specializes in giving you a complete solution for immediate use. TESSCO's experts can work with you to customize each order the way you need it, specifically for the project you have at hand. Whether you need an infrastructure site kit, a consumer-oriented merchandising display or web site, or a test bench or a tool kit, we can make sure that you get everything the way you need it. Whether your business specializes in establishing wireless networks, installing wireless voice data and Internet systems, security and remote monitoring, vehicle tracking, mobile phone accessory sales or mobile phone repair, we will make sure you're getting the right package for your individual needs.

The bottom line?

TESSCO product choices and inventory allow you to build, customize and kit solutions for immediate use.

Configuration

Bill-of-materials "worksheet"
Engineering specifications and services. A customizable selection of stocked in-depth items and service capabilities.

End-to-end solutions
A complete solution with services for site kitting, logistics management, consumer merchandising and customized toolkits.

Kitted & configured
A comprehensive inventory delivered how you need it, with customized packaging.

Value-added services
Ready for immediate use, installation or resale with tuning, installation, assembly, personalized web sites, sales hotlines, packaging and merchandising displays.

Virtual inventory
Invest only when you are ready by buying what you need, when you need it.

Your Total Source

"It's hard to balance having product ready when you need it versus excess inventory sitting on shelves. At TESSCO we deliver exactly what you need – in one complete package – exactly WHEN you need it. Not a day before or a day after."

Product + Delivery

What you need:

A secure wireless broadband access network, a box of Velcro, an integrated mobile two-way system, a phone accessory for a customer tomorrow, a tower build-out, a workshop, a thousand handset faceplates, an antenna at the last minute or anything in between. And you need them delivered somewhere in a very specific way at a very specific date and time. A complete order that arrives too early can be as useless as an incomplete order delivered too late.

What we can provide:

There is a difference between shipping and DELIVERY. To TESSCO, delivering means meeting your objectives and your time frames. Whether you need something delivered to your customer's site, your store, your hotel, or to ten different locations at different times, TESSCO will get it there. Whether you need 10 batteries and two chargers or 10 reels of cable and two antennas, TESSCO will get it there. To do this we rely upon the collective experience of our team members, and an in-depth knowledge of the challenging transportation and logistics needs of the wireless industry.

Whether you need something urgently or as part of a planned project, we can deliver within the parameters that you establish. We will GUARANTEE your products are where you need them when you need them. It's part of knowing our industry and your challenges, then developing a system that optimizes your company's performance. Only TESSCO can offer a solution that meets your comprehensive needs.

The bottom line?

TESSCO delivers your complete configured solution, on time – not a day early and not a day late – to your point of use or sale from our in-depth inventories.

Delivery

Availability confirmation
Confirm availability and configuration of orders.

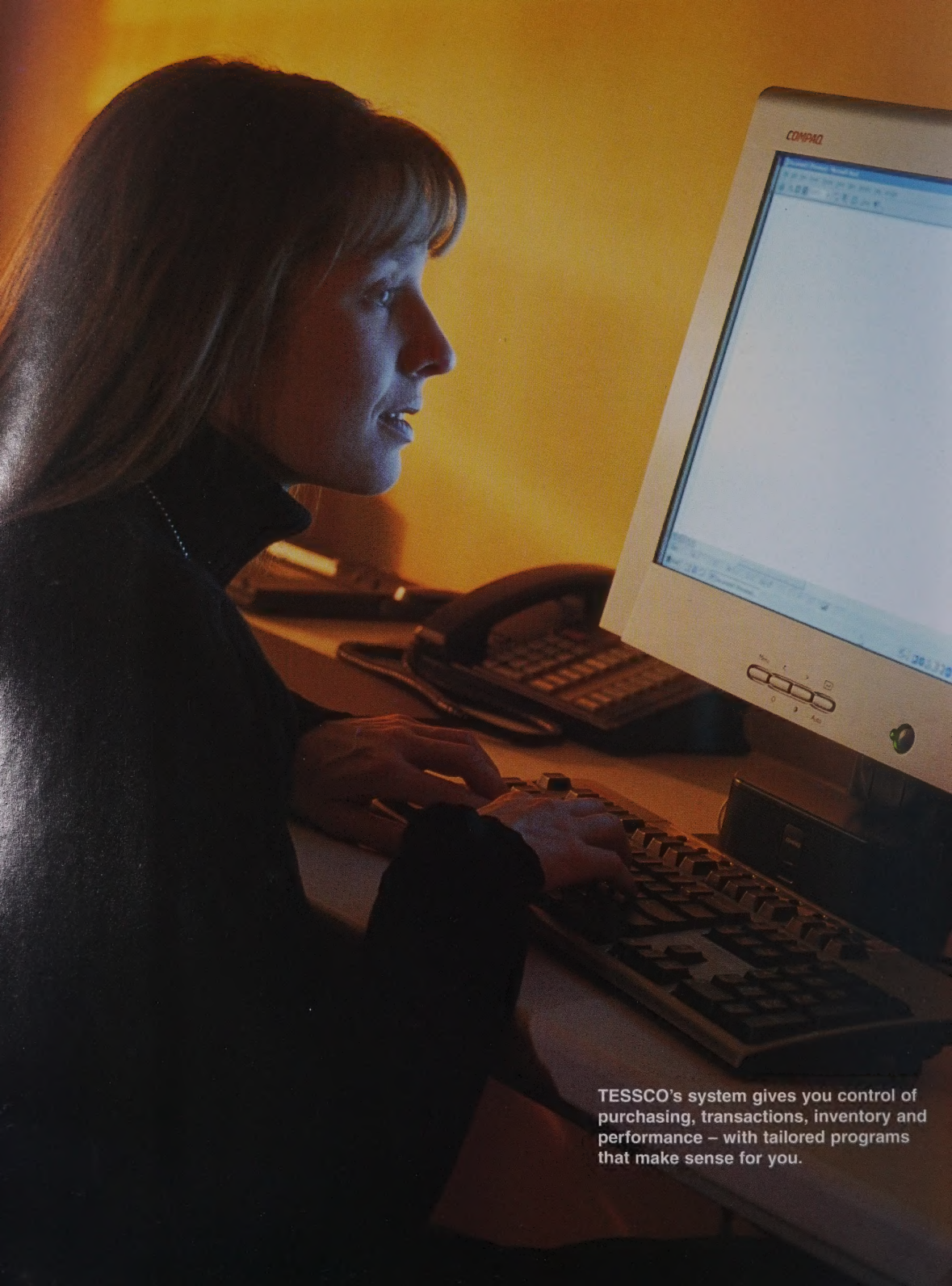
Delivery confirmation
Confirm time and total delivered costs. Track delivery status 24/7 online.

Where and when you need it
Just-in-time delivery, where you need it. Customized local delivery to depot, multi-sites, store or customer.

Speed to market
A single delivery for every order with custom packaging and configuration.

Performance and Delivery Guarantee
Complete, on-time, error- and damage-free delivery and product performance.

Your Total Source



TESSCO's system gives you control of purchasing, transactions, inventory and performance – with tailored programs that make sense for you.

Product + Control

What you need:

You need to be in control. But how you define control is different from how others do. For a large wireless retailer it means the ability to have a seamless transition from delivery to replenishment, for a tower contractor it means having the exact amount of steel available at all times without sitting on tons of inventory, and for a wireless provider it means equipping 100 installation teams from coast to coast with every broadband product they need in one day. You also need to track products, ordering trends, overhead costs and much more.

What we can provide:

This is where TESSCO shines. We have customizable supply chain solutions to meet your particular needs. Partnering with TESSCO puts you in control of your procurement, inventories, assets and costs. TESSCO can give you centralized control and decentralized ordering and delivery. You determine the parameters – who can buy how much of what – and TESSCO's system ensures that your policies will keep you in control. Pricing, order tracking, inventory control, asset tracking, and disbursement are all simplified by the TESSCO system. Plus, TESSCO can create ways for you to be on top of your business at all times. We can create custom reports that can break down your big picture into as many small pictures as you need.

The bottom line?

TESSCO provides control at every step of the procurement process with a closed loop system across manufacturers and transactions.

Control

Consistent pricing across manufacturers
Upfront, consistent pricing organized by product, not manufacturer.

Authorization control
Reserve availability, price and delivery.
Centrally control multi-site purchasing with pre-approved, customized parameters.

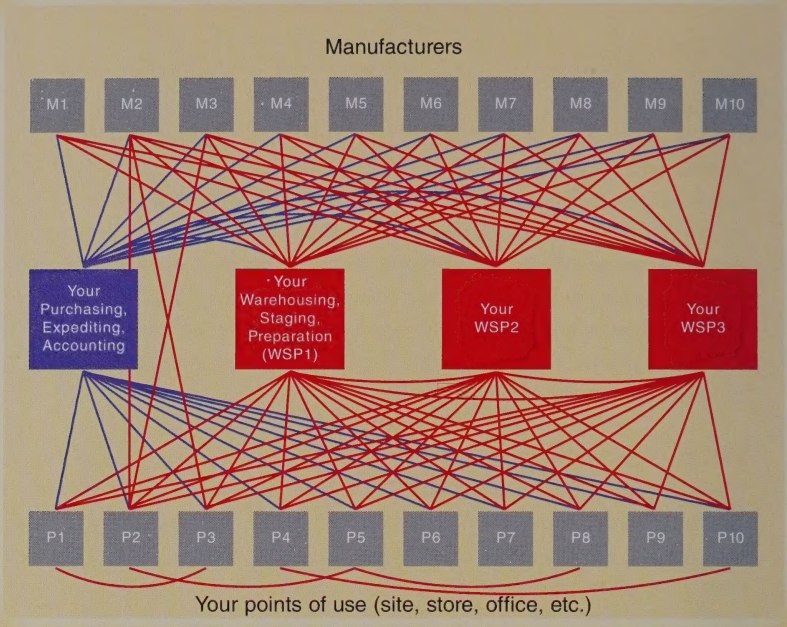
Order delivery tracking
One PO leads to one delivery, one packing list and one invoice.

Property and usage tracking and history
Control your capital with customized accounting, item usage, property records.

Financing options
Credit and leasing programs.

Your Total Source

Item Price Model

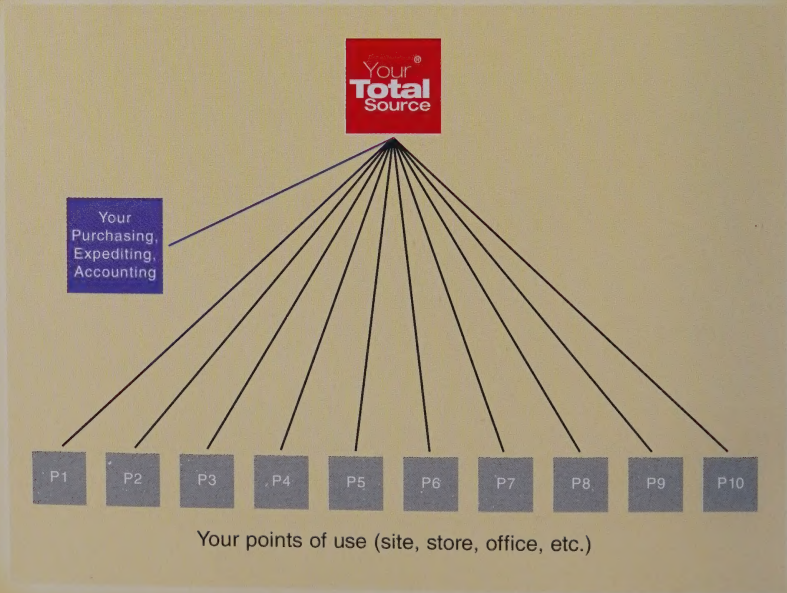


Data, transaction communication

Physical product flow

Lowest Total Cost Model

Delivering what you need... When and where you need it



Data, transaction communication

Physical product flow PLUS data, transaction communication

Product + Supply Chain

What you need:

You need to consider the cost of every part of your supply chain, including sourcing, purchasing, receiving, staging, handling, accounting, extra costs for lack of availability, percent of inventory that actually gets consumed, used or sold, your inventory costs and more. You need to increase the percent of time you have complete, on-time delivery, and reduce your total capital investment, inventory costs, and total operating costs – while improving your productivity.

What we can provide:

TESSCO's Knowledge, Configuration, Delivery & Control (KCDC™) system can greatly simplify your supply chain. That's the whole story. Forget about juggling multiple suppliers, multiple warehouses and multiple sites. Forget about high facilities costs to stage and warehouse product. TESSCO can dramatically improve your business and bottom line – and give you more control over your operations.

TESSCO is the leading provider of wireless product and service solutions, encompassing the entire wireless industry, including voice, data, messaging, location tracking and Internet systems.

TESSCO as *Your Total Source*® will provide an integrated Product + Supply Chain Solution for your company and as a result you will achieve:

Complete on-time delivery. We always have the inventory that you need. We ship it around the globe every day. With 28,000 wireless products and a guaranteed delivery system, you can be assured of having what you need when and where you need it.

Reduced inventory investment, carry costs and write-offs. TESSCO can eliminate the logistics tangle of multiple suppliers, multiple warehouses, multiple order points and multiple points of use. Inventory sitting on your shelves is a liability, not an asset. TESSCO reduces your inventory risks.

Lower total operating costs. Product price is just one component of total costs. Supply chain costs, facilities costs, carrying costs and write-offs all add up to your total operating costs. The TESSCO system focuses on lowering the sum total of all these costs.

The bottom line?

Your bottom line: TESSCO's experts can work with you to provide you an integrated Product + Supply Chain Solution that will decrease your capital investments while increasing your availability and improving your profitability.

How cost effective is your product availability supply chain?

A. Total throughput:
$_____ [product consumed/used/sold]

B. Total capital investment:
$_____ [inventory plus facilities]
Total capital investment as percent of throughput [A]:
_____%

C. Total write offs:
$_____ [inventory loss, damage, obsolescence]
Total write-offs as percent of throughput [A]:
_____%

D. Total inventory carrying costs:
$_____
Total carrying costs as percent of throughput [A]:
_____%

E. Total extra cost for product delays:
$_____
Total extra costs as percent of throughput [A]:
_____%

F. Total operating costs:
$_____ [sourcing, purchasing, receiving, staging, handling, accounting, freight, etc.]
Total operating costs as percent of throughput [A]:
_____%

G. Total costs as percent of throughput [A]:
_____%
[B+C+D+E+F]

H. Product availability:
_____%
[Percent of time product was NOT delivered complete and on time.]
TESSCO can lower your total costs as percent of your throughput [G] and provide increased complete on time deliveries [H].

Your® Total Source

A simple way of doing business better.®

What we can provide:

TESSCO provides an easy, performance and delivery based transaction and procurement system. Our role is delivering what you need when and where you need it. As a result, our pricing system combines the total cost for the configuration, delivery and control of each order. Bottom line order delivered cost of your order is the same regardless of order entry method...phone, fax, mail, or TESSCO.com®

Your Total Source® pricing.

The more you use TESSCO, the lower your product pricing. TESSCO's unique pricing program saves over multi-manufacturer direct best price shopping...and will allow you to buy just what is needed! You don't have to buy any product in bulk to get a low cost on every product.

The total of the list price value of all invoices, including delivery charges, in a given month establishes your pricing tier. Once you have qualified for a given tier, your prices are locked in for the rest of the month, and the entire next month...regardless of order size, type of product or brand. As an industry professional maintaining your own wireless system, your tiers are determined as follows:

- Total purchases at list price exceeds $200, you receive T1 pricing
- Greater than $1,000, you receive T2 pricing
- Greater than $2,400, you receive T3 pricing

Guaranteed performance and delivery.

Each order arrives:

- Complete – and configured for immediate use.
- On time – not before and not after the date you specify. If not delivered as promised at time of order, all performance and delivery guarantee (PDG) charges are waived.
- Damage free – TESSCO is responsible for the protection against damage or loss in transit. Should there be a loss or damage, note on shipper's bill of lading or refuse the shipment, and TESSCO will replace the lost or damaged item.
- Error free – should there be an error, items are replaced immediately at no additional cost to you. (Replacement items are automatically invoiced, and then credited when erroneously shipped items are returned.)
- TESSCO honors all manufacturer warranties.

No-risk 30 day inspection.

Not sure which brand or model you need? We'll deliver multiple items and allow you to return what you don't need. Return the item, freight paid, in original condition and product packaging within 30 days and receive account credit.

Performance and Delivery Guarantee charges (PDG).

PDG charges are based on the following, regardless of the point of delivery within the continental United States:

- Total sum of all items to be delivered (shown in this Guide)
- Delivery time required

Confirmed upfront total delivered costs.

At the time of your order or "worksheet reservation," you receive confirmation of items to be configured and delivered, date of delivery, and the bottom line – the delivered cost. Your delivery will be re-confirmed by fax or email and can be tracked on TESSCO.com.® Should extended delivery of some items be required, the total order PDG charge is prorated according to individual delivery weights.

Flexible financing alternatives.

Improve cash flow, extend credit and conserve bank lines for working capital with TESSCO payment programs.

- Open terms credit and financing
- Joint purchase order program to use customer's credit
- Credit card payments
- TESSCO® MasterCard® with deferred billing
- Dealer and reseller financing
- Enhanced credit capacity
- Test equipment rental program
- Equipment leasing program
- EFT (electronic fund transfer) option

Performance and Delivery Guarantee Charges (Continental U.S.)

Weight Not To Exceed	1-Day Delivery	3-Day Delivery	5-Day Delivery
2	$ 17.95	$ 7.83	$ 5.77
5	22.14	8.45	6.34
10	30.64	10.31	7.34
15	39.13	12.53	8.55
20	44.12	14.73	10.03
25	50.11	17.44	11.91
30	56.45	20.70	14.20
35	63.11	24.07	19.67
40	69.93	27.54	21.18
45	76.09	30.61	21.41
50	81.92	34.02	23.53
55	87.91	35.59	25.31
60	94.73	37.06	27.11
65	103.23	38.90	32.80
70	111.55	42.22	34.76
80	128.20	52.76	37.04
90	145.19	58.14	42.02
100	160.20	63.30	52.88
110	176.22	71.29	59.62
120	192.24	81.39	64.55
130	208.26	88.17	69.48
140	224.28	94.95	74.39
150	240.30	101.73	79.33
175	267.06	118.69	95.73
200	301.85	135.64	109.41
225	339.58	152.60	117.95
250	377.31	169.55	127.07
300		206.57	162.14
400		245.71	186.48
500		274.94	199.27
600		320.84	227.02
700		363.72	254.25
800		410.68	268.52
900		446.23	276.42
1,000		454.49	283.73
1,200		515.56	298.25
1,400		541.83	318.13
1,600		573.78	340.86
1,800		593.51	354.94
2,000		605.15	389.86
2,200		723.27	441.64
2,400		802.99	481.80
2,600		869.90	521.94
2,800		887.94	553.95
3,000		916.46	576.06
3,200			596.06
3,400			633.32
3,600			670.57
3,800			707.82
4,000			736.77
4,200			747.38
4,400			757.99
4,600			768.61
4,800			779.22
5,000			789.83
Orders with Bulk Items Minimum Charge	$ 160.00	$ 130.00	$ 100.00

Bulk Orders have bulk items which require delivery by LTL. A bulk item is defined as being greater than:

- 150lbs in weight or
- 108" in length
- 130" in girth (1xLength + 2xWidth + 2xHeight)

Additional days for delivery and additional charges may be assessed for out-of-delivery areas, dimensional weight requirements, hazardous materials, drop shipments and lift gate services. We cannot guarantee on-time delivery in the event of extreme weather conditions or acts of God.

A **World-Class** Choice from *TESSCO*

WIRELESS SOLUTIONS®, a leading provider of aftermarket accessories, offers you wireless accessories for all of your top phones, accessory sales systems, and supply chain solutions designed to increase sales, reduce inventories, and lower your total costs. The WIRELESS SOLUTIONS line features products compatible with Nokia, Sony Ericsson, Motorola, Audiovox, Kyocera, Samsung and LG.

Please call **800-472-7373** or visit **TESSCO.com** for the latest pricing and innovative new products.

WIRELESS® SOLUTIONS
smart ideas. seamless performance.

For a complete listing of Wireless Solutions products from *TESSCO* see the Manufacturer Part Number Index or TESSCO.com

Your Total Source

TESSCO's Solutions Library illustrates thirty-five wireless applications familiar to wireless professionals.

Use the Solutions Library to navigate the book more quickly, plan your projects, speed product selection, jog your memory, assemble complete orders and avoid rush orders for forgotten items. The Solutions Library is useful in all these ways:

- As quick navigation through the tabs of the book. Page references provide fast access to the comparative product information you need to assemble the best materials to meet your budget and assure great performance.
- As a project-planning tool and visual checklist to remind you of project requirements and to avoid rush orders for forgotten items later on.
- As training graphics for your employees or customers.

Solutions Applications by Product Group

Infrastructure

1. Cable for Towers
2. Monopole / Colocation
3. Self-Supporting Tower / Microwave Hop
4. Shelter / Filters in a Rack
5. Rooftop Installation
6. Water Tower
7. Grounding & Lightning Protection
8. Subway Systems

Broadband

1. FSO
2. Point-to-Point / Wireless Backhaul
3. Point-to-Multipoint
4. Mesh Network
5. SCADA Two-Way Data
6. SCADA Telemetry
7. Wireless PBX

Cellular

1. Cellular In-Car Installation
2. Home / Office Wireless Installation
3. POP Merchandising

Two-Way

1. Government Car
2. Dispatch / Location Systems

Test

1. Shelter-to-Switch Testing
2. Network Optimization / WBSO
3. Campus Network
4. WLAN
5. In-Building LAN
6. Metropolitan Ring Network

Work Environment

1. Cable Prep
2. Keeping Safe while in the Air
3. Working with High Voltage
4. Communications Closet
5. Cell Phone & Computer Repair Center
6. Installation Bay / Service Center
7. Factory Floor Tool Crib
8. Research & Development Workbench
9. Production Line

Solutions Applications in Order of Appearance

1. Cable for Towers
2. Cable Prep
3. Grounding & Lightning Protection
4. Working with High Voltage
5. Keeping Safe while in the Air
6. Monopole / Colocation
7. Rooftop Installation
8. Self-Supporting Tower / Microwave Hop
9. Water Tower
10. Subway Systems
11. Shelter / Filters in a Rack
12. Communications Closet
13. Shelter-to-Switch Testing
14. Network Optimization / WBSO
15. Campus Network
16. WLAN
17. In-Building LAN
18. Wireless PBX
19. Metropolitan Ring Network
20. FSO
21. Point-to-Point / Wireless Backhaul
22. Point-to-Multipoint
23. Mesh Network
24. SCADA Two-Way Data
25. SCADA Telemetry
26. Government Car
27. Dispatch / Location Systems
28. Home / Office Wireless Installation
29. POP Merchandising
30. Cellular In-Car Installation
31. Installation Bay / Service Center
32. Cell Phone & Computer Repair
33. Factory Floor Tool Crib
34. Production Line Workbench
35. Research & Development Workbench

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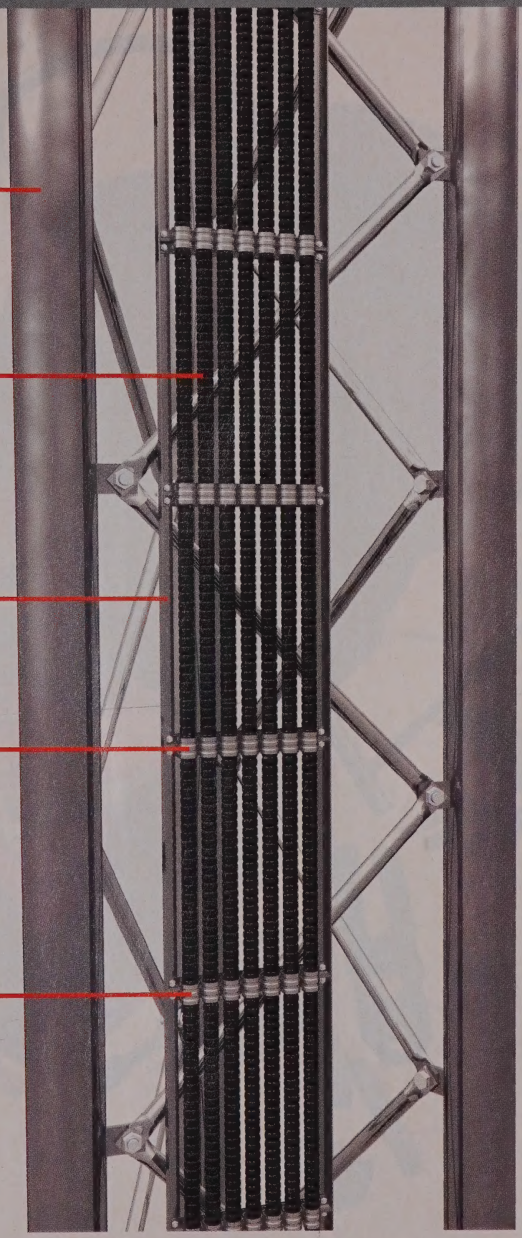
Solution **1001**

Cables for Towers



Did You Know That TESSCO Also Offers:

Tower Paint
pp. 636-637

Tower Lighting
p. 636

Tower
Grounding
p. 636

Safety Gear
pp. 1630-1644

EME Signs &
Alarms
pp. 1645-1646

Crimpers &
Strippers
pp. 1542-1545,
1522-1555

Tool Kits
pp. 1523-1531

Antenna
Mounts
pp. 466-497

Base Antennas
pp. 2-67

Shelter Cable
Supports
pp. 530-536

Cable System
Analyzers &
Cable Sweep
Testers
pp. 1410-1415

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Solution **1002**

Cable Preparation

Cable Reels
p. 347

Transmission Line
& Coaxial Cable
pp. 368-400

Electrical Tapes
& Cold Shrink
Weatherproofing
pp. 1741-1744

Torque Wrenches
p. 1560

Heat Guns
pp. 1738-1741

Hand Tools
pp. 1542-1617

Tool Chests
pp. 1652-1653

Heat Shrink Tubing
pp. 1736-1738

Cable Crimpers
pp. 1542-1545

Cable Cutters
p 578

Cable
Preparation Tools
pp. 1555-1562

Did You Know That TESSCO Also Offers:

Jumpers
pp. 448-451

Connector
Install Kits
pp. 1558-1559

Connectors &
Adapters
pp. 403-453

RF/Microwave
Network
Analyzers
pp. 1410-1415

Grounding
Systems
pp. 560-576

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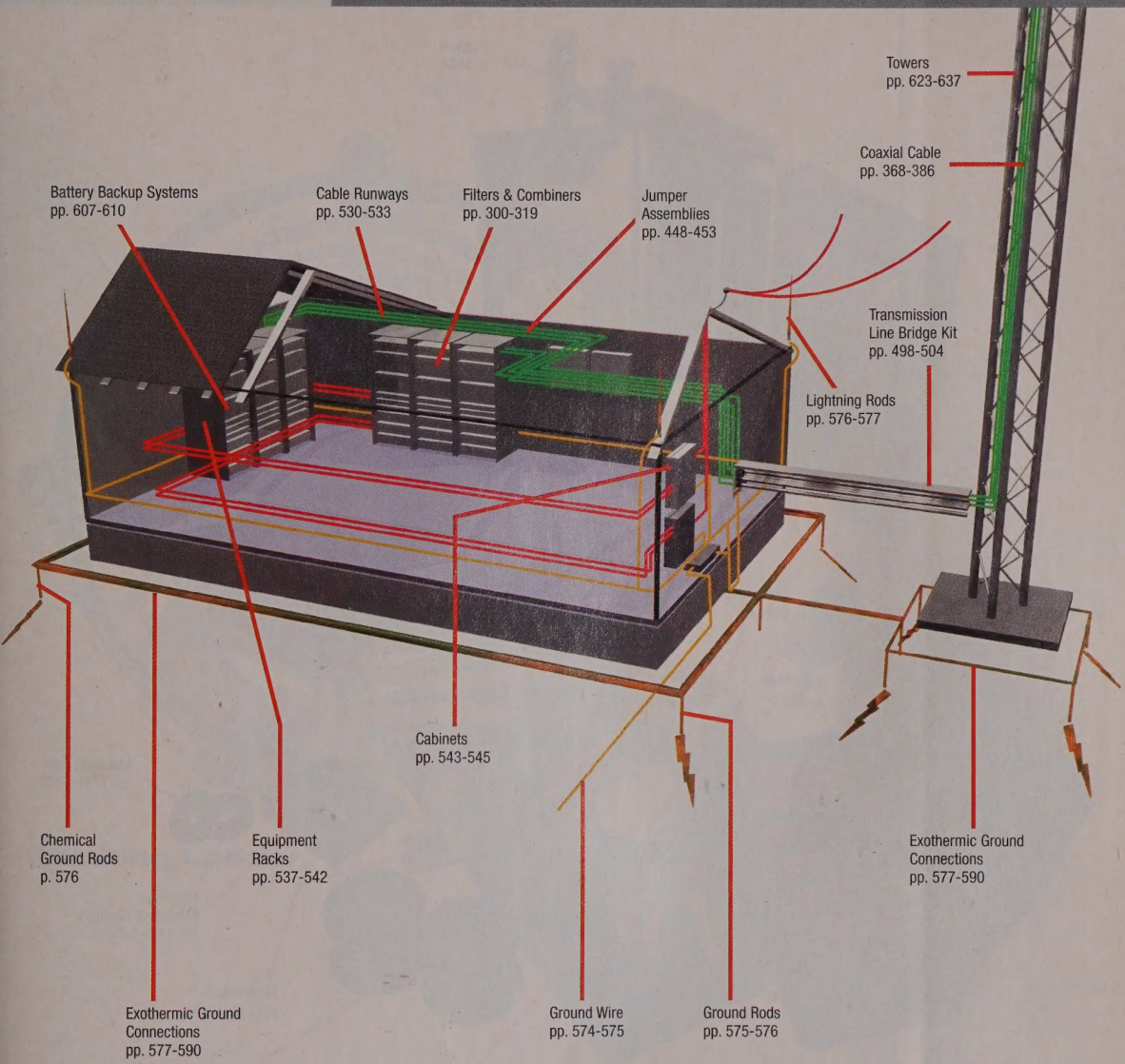
Solution **1003**

Grounding & Lightning Protection



Did You Know That TESSCO Also Offers:

Insulated Gloves pp. 1642-1643

Insulated Tool Kits pp. 1523-1529

Generators pp. 1522-1523

Crimpers & Strippers pp. 1542-1545, 1522-1555

Digital Multimeters pp. 1491-1499

Current Testers & Data Loggers pp. 1505-1506

Clamp-on Ground Resistance Testers p. 1453

Battery System Analyzers p. 1467

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Solution **1004**

Working with High Voltage

Did You Know That TESSCO Also Offers:

Power Meters & Wattmeters pp. 1421-1426

Ground Testers pp. 1462-1464

Power Line Analyzers pp. 1466-1467

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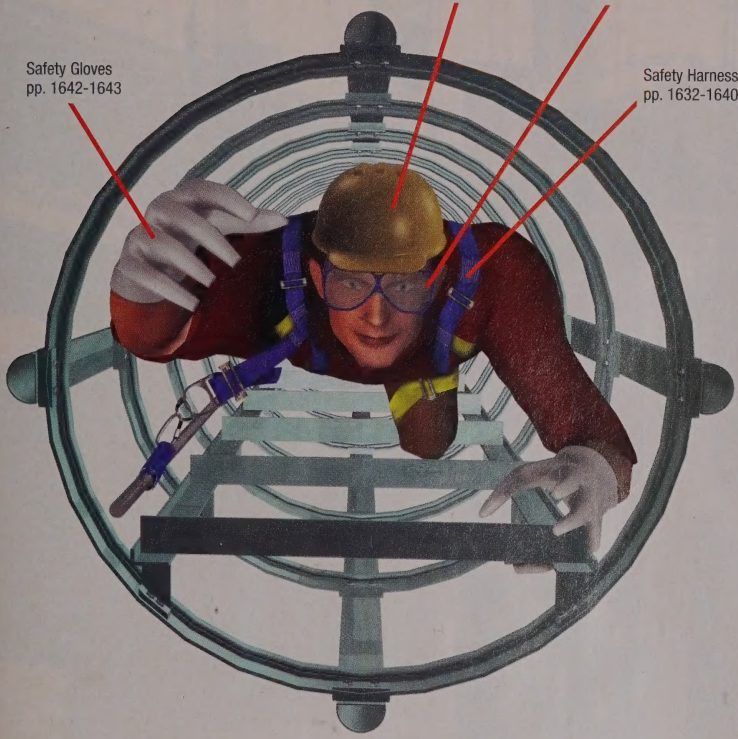
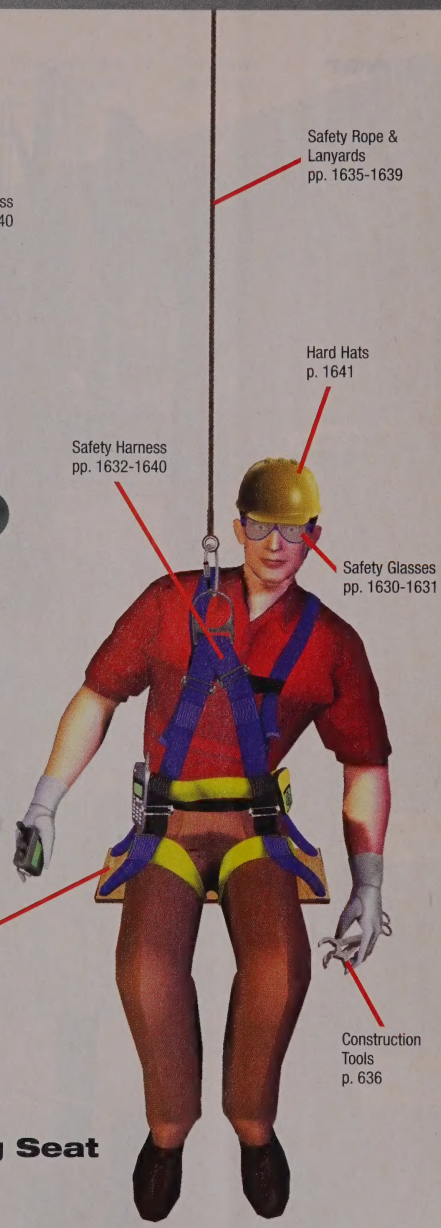
Solution **1005**

Keeping Safe while in the Air



Climbing Ladder



Hanging Seat

Did You Know That TESSCO Also Offers:

Tower Lighting
p. 636

Tower Paint
pp. 636-637

Site Tool Kits
pp. 1525-1526

Canvas Buckets
p. 637

Tower
Amplifiers
pp. 337-339

Base Antenna
Mounts
pp. 472-475

RF Personal
Alarms
p. 1645

Tower
Grounding
p. 636

Ground Testers
pp. 1462-1464

EME Signs
pp. 1646-1647

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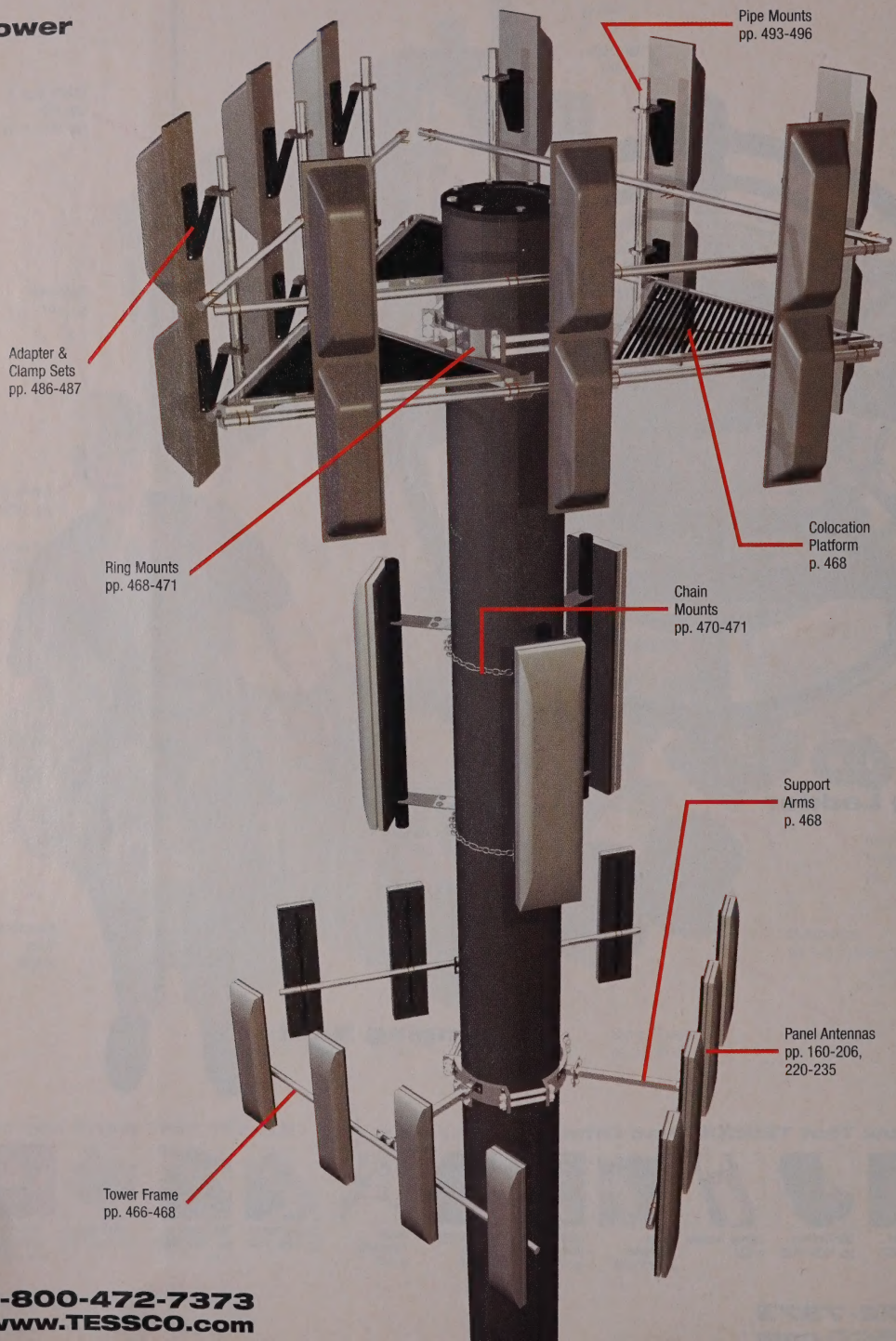
TESSCO TECHNOLOGIES®

Tower



Into Building

Hanger Kits pp. 454-457

Trapeze Kits pp. 498-504

Transmission Line Bridge Kits pp. 498-504

Transmission Line Boots & Cushions pp. 516-520

Entry Panels pp. 510-516

Tapes & Mastics pp. 1736-1741

Ground Kits pp. 457-460

Transmission Line pp. 368-390

Ground Bars pp. 560-566

Ground Lugs pp. 566-574

Ground Wire & Strap pp. 574-575

Did You Know That TESSCO Also Offers:

RF Connecters & Adapters pp. 403-448

Safety Equipment pp. 1630-1644

Steel Banding pp. 526-530

Drills & Spudwrenches pp. 1514-1517, 1584

Tool Kits pp. 1523-1531

RF Network Analyzers pp. 1415-1416

Ground Testers pp. 1462-1464

Spectrum Analyzers pp. 1403-1409

RF Signal Samplers p. 1431

Generators pp. 1522-1523

Wattmeters pp. 1421-1426

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TESSCO TECHNOLOGIES®

Solution 1007

Rooftop

Rooftop Hood Entry p. 514

Transmission Line Boots & Cushions pp. 516-520

Tripods pp. 483-484

Lightning Rods pp. 576-577

Transmission Line pp. 368-386

Wall Mount pp. 476-480

Microwave / ISM Band Antennas pp. 185-240

Panel Antennas pp. 160-206, 220-235

Panel Antennas pp. 160-206, 220-235

Rooftop Non-Penetrating Frame pp. 480-485

Rooftop Coax Bridge pp. 504-505

Sleepers pp. 504-508

Roof Mats p. 484

Did You Know That TESSCO Also Offers:

RF Connecters & Adapters pp. 403-448

Safety Equipment pp. 1630-1644

Steel Banding pp. 526-530

Drills & Spudwrenches pp. 1514-1517, 1584

Tool Kits pp. 1523-1531

RF Network Analyzers pp. 1415-1416

Ground Testers pp. 1462-1464

Spectrum Analyzers pp. 1403-1409

RF Signal Samplers p. 1431

Generators pp. 1522-1523

Wattmeters pp. 1421-1426

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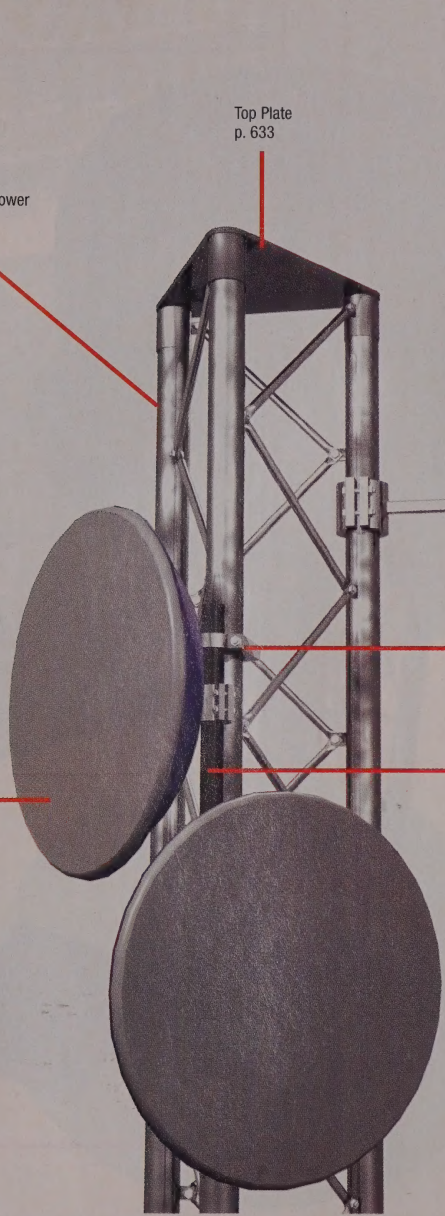
TESSCO TECHNOLOGIES®

Solution 1008
Self-Supported Tower / Microwave Hop



Did You Know That TESSCO Also Offers:

RF Connecters & Adapters pp. 403-448

Safety Equipment pp. 1630-1644

Steel Banding pp. 526-530

Drills & Spudwrenches pp. 1514-1517, 1584

Tool Kits pp. 1523-1531

RF Network Analyzers pp. 1415-1416

Ground Testers pp. 1462-1464

Spectrum Analyzers pp. 1403-1409

RF Signal Samplers p. 1431

Generators pp. 1522-1523

Wattmeters pp. 1421-1426

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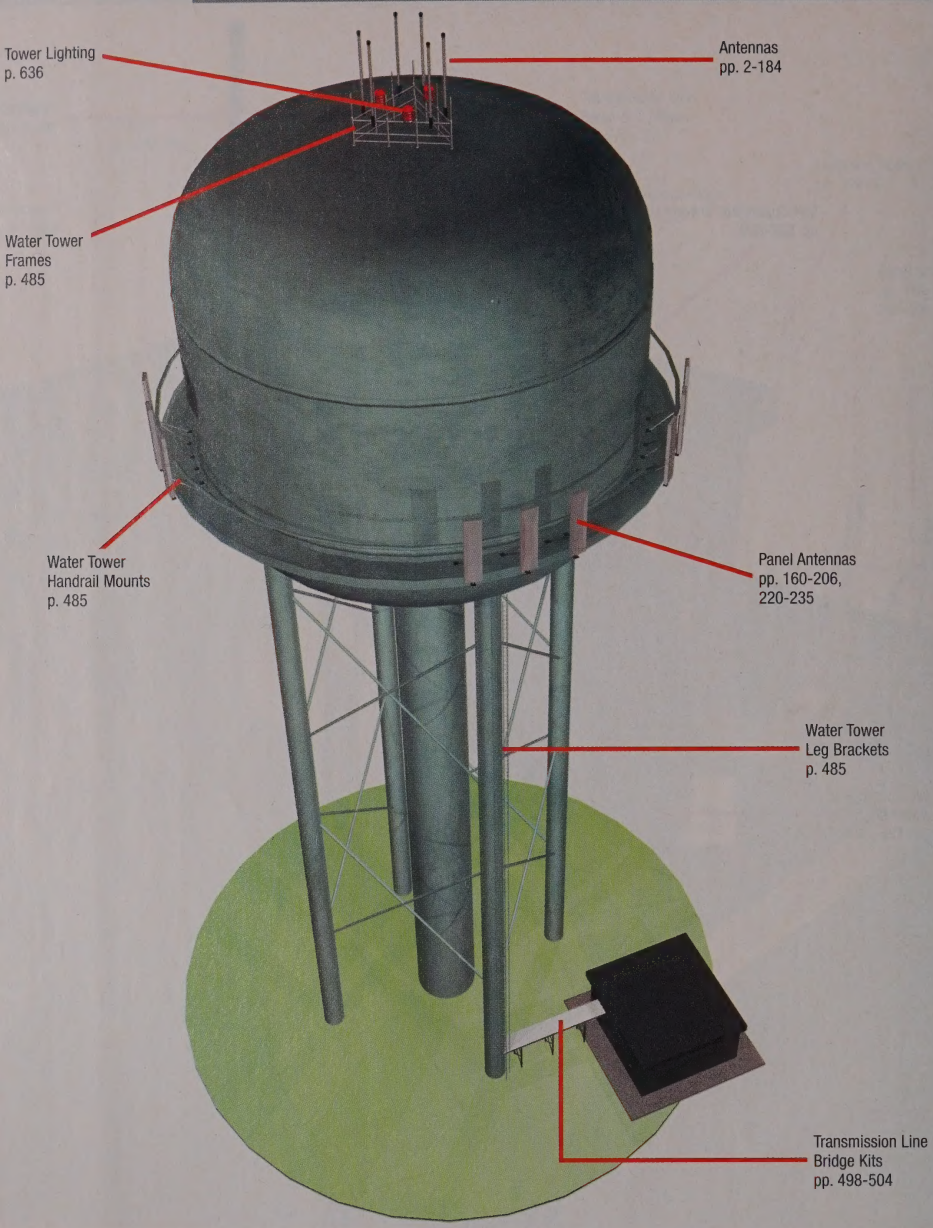
Solution 1009

Water Tower



Did You Know That TESSCO Also Offers:

RF Connecters & Adapters pp. 403-448

Safety Equipment pp. 1630-1644

Steel Banding pp. 526-530

Drills & Spudwrenches pp. 1514-1517, 1584

Tool Kits pp. 1523-1531

RF Network Analyzers pp. 1415-1416

Ground Testers pp. 1462-1464

Spectrum Analyzers pp. 1403-1409

RF Signal Samplers p. 1431

Generators pp. 1522-1523

Wattmeters pp. 1421-1426

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Solution **1010**

Subway Systems

In-Building Antenna pp. 241-262

Cable Ladder pp. 508-510

Radiating Cable p. 386

Did You Know That TESSCO Also Offers:

Hand-Held Computer Accessories pp. 1226-1227

Spectrum Analyzers pp. 1403-1409

Power Measurement pp. 1421-1426

Multimeters pp. 1491-1504

Cell Phone Accessories pp. 714-1151

Digital Organizer Accessories p. 1140

Tool Kits pp. 1523-1531

In-Building Amps & Repeaters pp. 703-707

Connectors & Adapters pp. 403-448

Jumpers pp. 448-451

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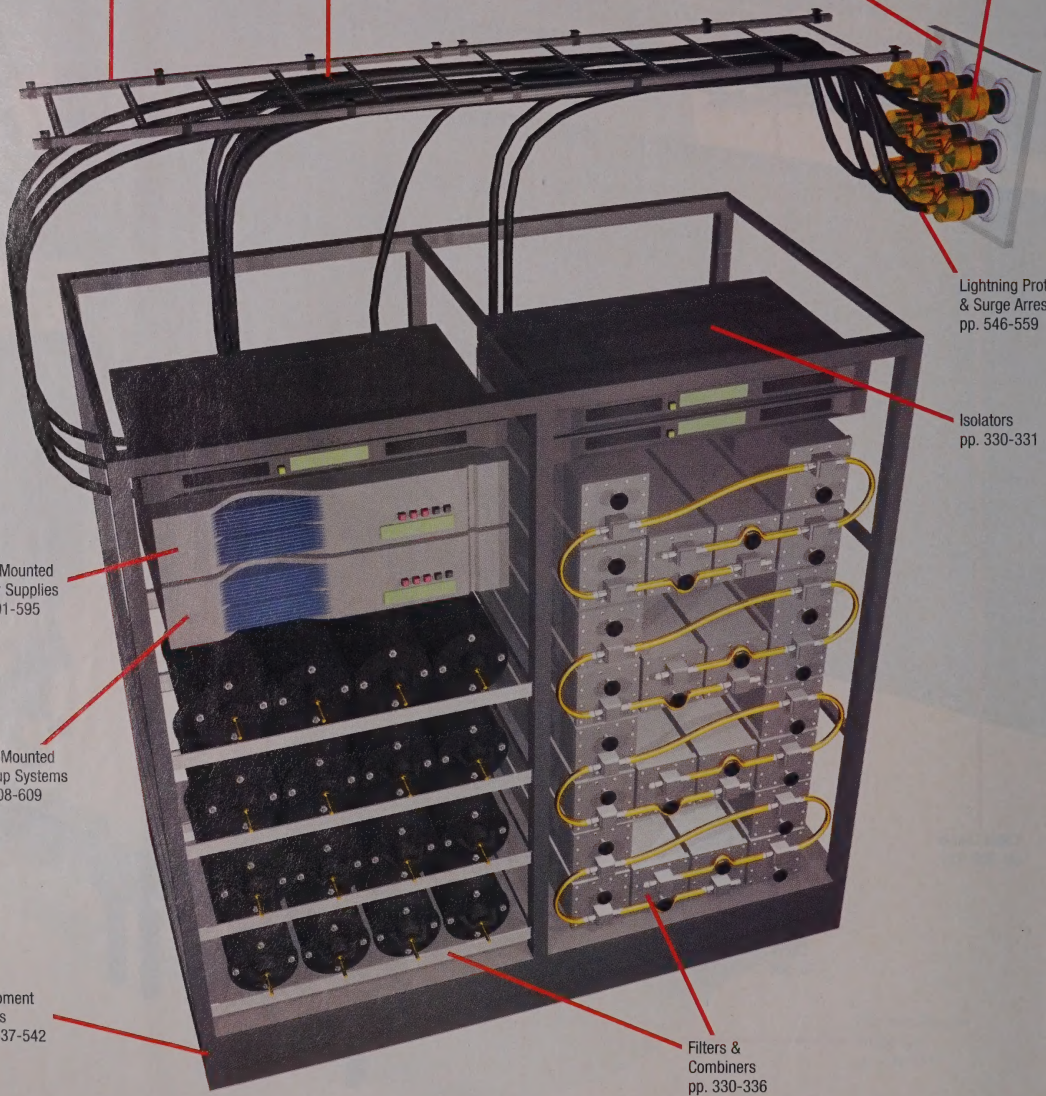
TESSCO TECHNOLOGIES®

Solution 1011
Shelter / Filters & Duplexers in a Rack



Did You Know That TESSCO Also Offers:

Insulated Gloves pp. 1642-1643

Insulated Tool Kits pp. 1523-1529

Generators pp. 1522-1523

Crimpers & Strippers pp. 1542-1545, 1522-1555

Digital Multimeters pp. 1491-1499

Current Testers & Data Loggers pp. 1505-1506

Clamp-on Ground Resistance Testers p. 1453

Battery System Analyzers p. 1467

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Solution **1012**

Communications Closet

Filters & Combiners pp. 263-334

Fiber Optic Test Equipment pp. 1460-1461

Circuit Testers pp. 1616-1617

Multimeters pp. 1491-1499

Butt Sets pp. 1453-1455

Equipment Racks pp. 537-541

Telephone & Network Cable pp. 649-655

Tool Kits pp. 1523-1531

Coaxial Crimpers pp. 1542-1545

Soldering/ Desoldering Systems pp. 1670-1675

Flashlights pp. 1654-1658

Cordless Drills pp. 1514-1515

Hammers pp. 1601-1602

Electrical Tape pp. 1741-1744

Did You Know That TESSCO Also Offers:

Data Cables pp. 1137-1140

Hands-free Headsets p. 1140

Fiber Cables pp. 654-655

Network Cables pp. 649-654

Premise Wiring Supplies pp. 657-666

Telecom Tool Kits pp. 1619-1624

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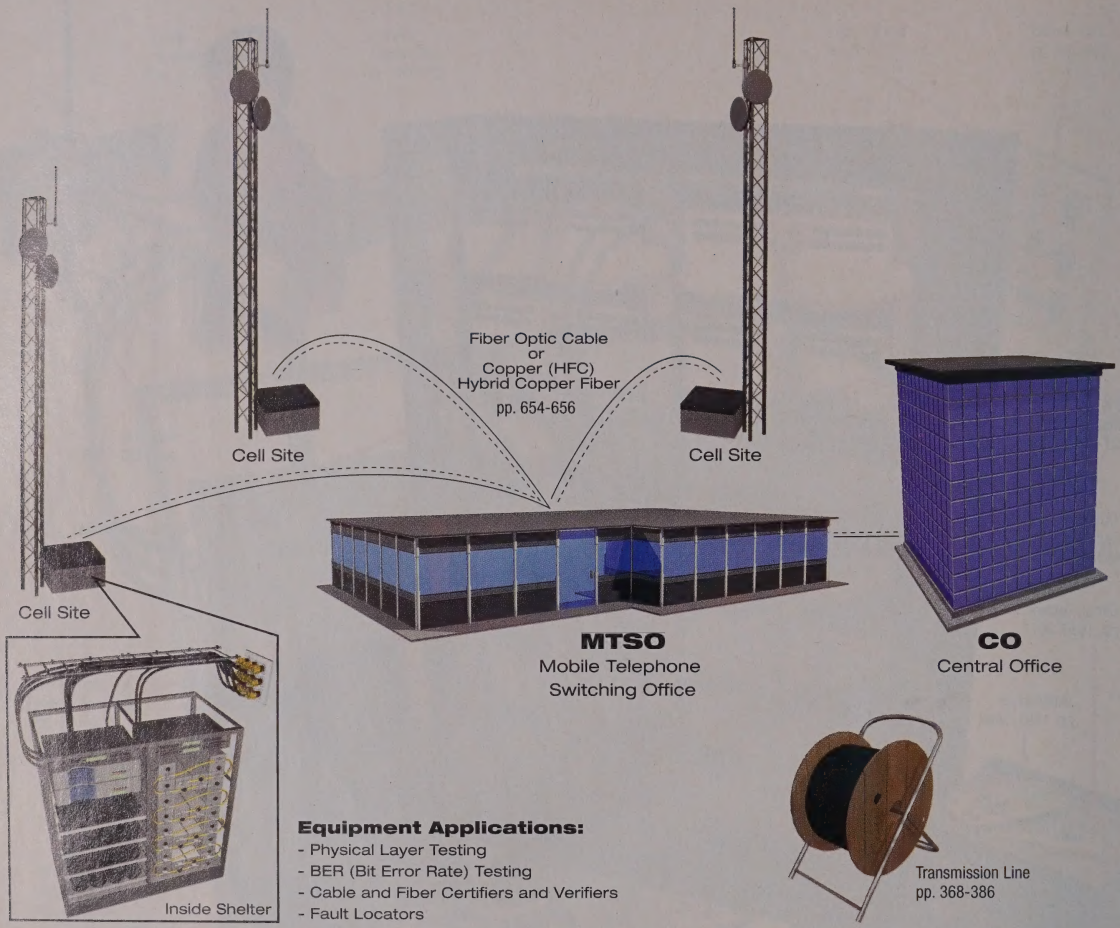
TESSCO TECHNOLOGIES®

Solution **1013**

Shelter-to-Switch Testing



Equipment Applications:

- Physical Layer Testing
- BER (Bit Error Rate) Testing
- Cable and Fiber Certifiers and Verifiers
- Fault Locators

Transmission Line
pp. 368-386

Data Network Analyzers
pp. 1436-1445

Bit Error Rate Testers
pp. 1436-1440

Fiber Optic Testers
pp. 1457-1461

Multimeters & Scopes
pp. 1491-1504,
1481-1485

LAN/WAN Cable
Fault Meter
pp. 1448-1453

Did You Know That TESSCO Also Offers:

Jumper Assemblies
pp. 448-453

Shelter Cable Support Systems
pp. 530-537

Equipment Racks
pp. 537-541

Enclosures
pp. 543-545

In-Building Cables & Supplies
pp. 649-666

Lightning & Surge Protection
pp. 546-560,
642-648

Power Supplies
pp. 591-596

Site Battery Backups
pp. 607-612

Point-to-Point Networks
pp. 691, 692,
695

Amplifiers
p. 701-702

Grounding
pp. 557-587

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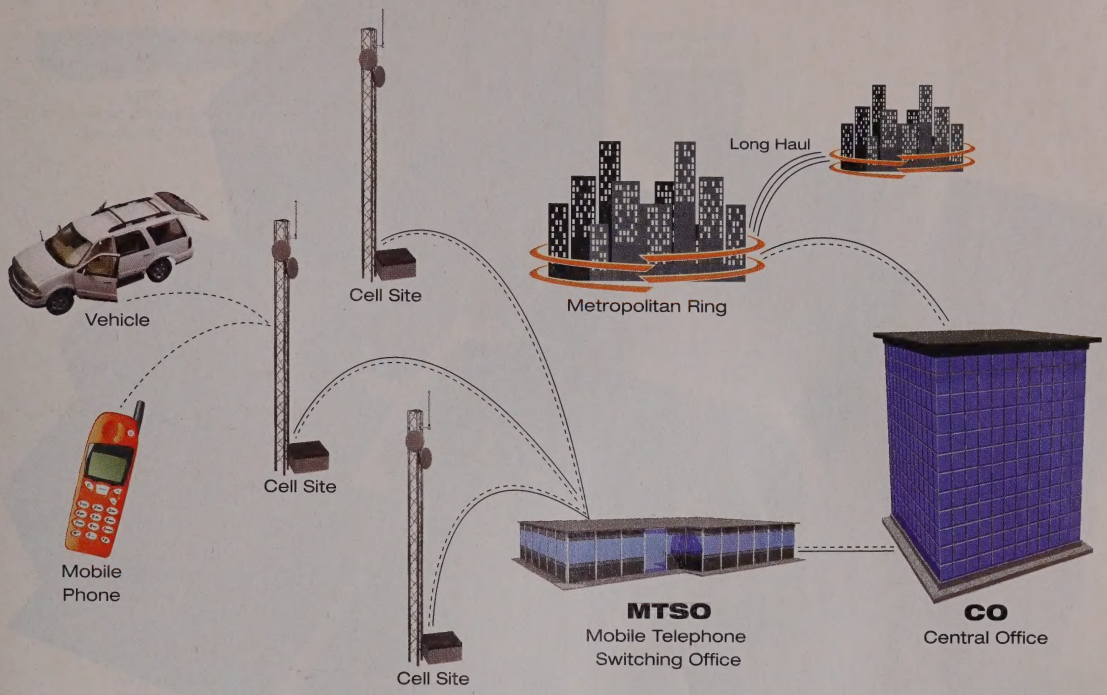
TESSCO TECHNOLOGIES®

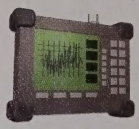
Solution **1014**

Network Optimization



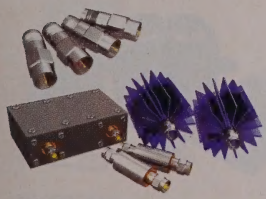
Frequency Counters
pp. 1488-1490

Digital Wattmeters
pp. 1425-1426



Spectrum Analyzers
pp. 1415-1416,
1403-1409

Mobile Phone Testers
pp. 1474-1477



RF Attenuators & Loads
pp. 1433-1435

Network Analyzers
pp. 1415-1416

T1, T3 SONET Testers
pp. 1436-1440

TESSCO Training Services

allows you to keep your technicians and engineers up to date on industry standards and the latest technology.
Learn measurement techniques that verify and document the quality of your installation. Understand the proper approach that holds up to the test of time and interpretation. Make trouble shooting easier with field proven steps that simplify optimizing your system.
p. 1402

Did You Know That TESSCO Also Offers:

Base Station Antennas
pp. 2-71

Jumper Assemblies
pp. 48-453

Amplifiers & Filters
pp. 263-336

Coaxial Cables
pp. 368-386

In-Building Cables
pp. 649-656

Mesh Networks
pp. 675-676

Point-to-Point / Multipoint Networks
pp. 677-699

Grounding, Lightning & Surge Systems
pp. 560-576,
546-560, 642-648

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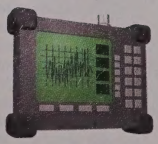
Solution **1015**

Campus Network Testing

TDRs
pp. 1416-1419



Spectrum Analyzers
pp. 1403-1409

Fiber Optic Testers
pp. 1457-1461

LAN/WAN Meters
pp. 1440-1443

RF Power Meters & Testers
pp. 1424-1425

Did You Know That TESSCO Also Offers:

Mesh Networks
pp. 675-676

Point-to-Point / Multipoint Networks
pp. 677-699

Network Cables
pp. 649-654

Microwave Antennas
pp. 185-240

In-Building Amps & Repeaters
pp. 703-708

Towers
pp. 623- 636

Network Interfaces
pp. 669-671

Network Security & Management
p. 674

Roof Mounts
pp. 480-485

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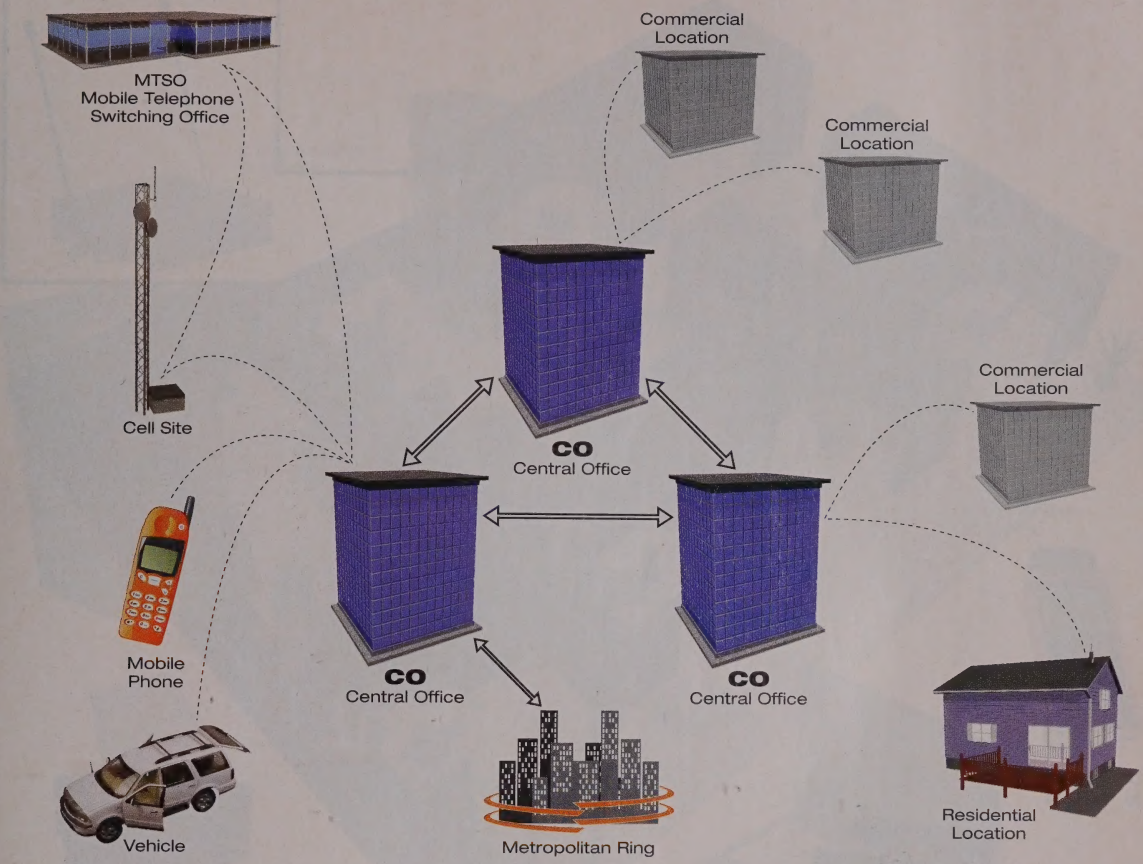
Solution 1016

WLAN



LAN/WAN Meter
pp. 1448-1453

Spectrum Analyzers
pp. 1403-1409

RF Power Meters
pp. 1425-1426

Bit Error Rate Testers
pp. 1436-1440

Did You Know That TESSCO Also Offers:

Jumper Assemblies
pp. 448-453

Shelter Cable Support Systems
pp. 530-537

Equipment Racks
pp. 537-541

Enclosures
pp. 543-545

In-Building Cables & Supplies
pp. 649-666

Lightning & Surge Protection
pp. 546-560, 642-648

Power Supplies
pp. 591-596

Site Battery Backups
pp. 607-612

Point-to-Point Networks
pp. 691, 692, 695

Amplifiers
p. 701-702

Grounding
pp. 557-587

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Solution **1017**

In-Building LAN Testing

LAN/WAN Meters
pp. 1448-1453

Network Inspectors
pp. 1444-1445

Spectrum Analyzers
pp. 1403-1409

RF Power Meters & Testers
pp. 1421-1426

Multimeters & Scopes
pp. 1491-1504, 1481-1485

Did You Know That TESSCO Also Offers:

In-Building Amplifiers & Repeaters
pp. 703-707

Indoor Antennas
pp. 241-262

Network Interfaces
pp. 669-671

Network Cables
pp. 649-656

Surge Protectors
pp. 642-648

Premise Wiring Supplies
pp. 657-665

In-Building Wireless LAN
pp. 677-683

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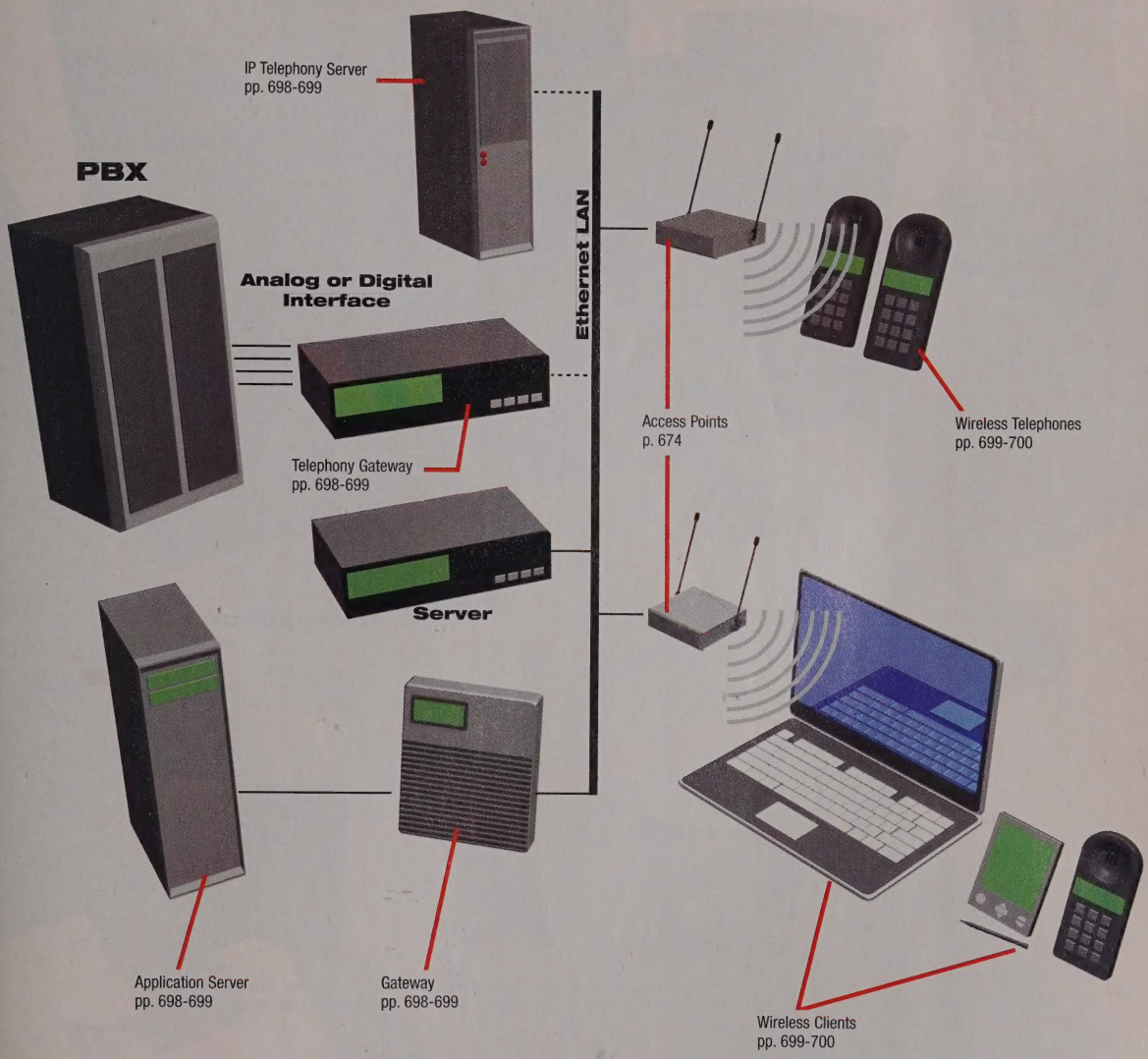
Solution 1018

Wireless PBX



Did You Know That TESSCO Also Offers:

Grounding Systems pp. 560-576

Rack-Mounted Power Supplies pp. 591-596

Equipment Racks pp. 537-545

Surge Protectors pp. 643-644

Network Cables pp. 649-654

Premise Wiring Supplies pp. 657-666

LAN Crimper Kits p. 1551

Spectrum Analyzers p. 1404

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Solution **1019**

Metropolitan Ring

Fiber Optic Testers
pp. 1457-1461

LAN/WAN Meters
pp. 1448-1453

Bit Error Rate Testers
pp. 1436-1438

Did You Know That TESSCO Also Offers:

In-Building Wireless LAN
pp. 677-683

Indoor Antennas
pp. 241-262

Fiber Optic Cables
pp. 654-656

Network Cables
pp. 649-656

In-Building Amplifiers & Repeaters
pp. 703-707

Premise Wiring Supplies
pp. 657-665

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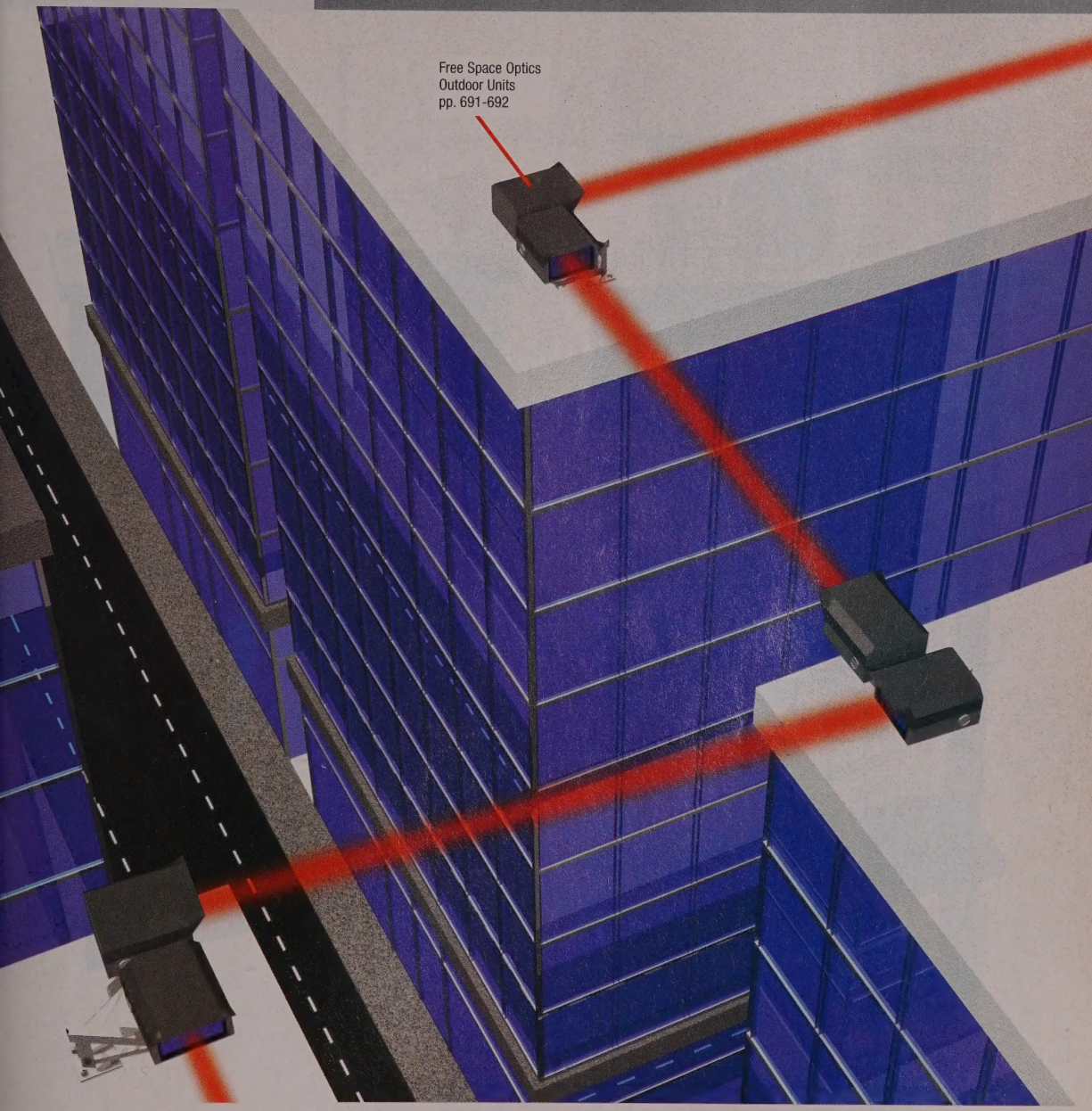
Solution **1020**

Free Space Optics (FSO)



Did You Know That TESSCO Also Offers:

Network Cables
pp. 649-654

Grounding Systems
pp. 574-577

Side Mount Kits
pp. 472-475

Rooftop Mounts
pp. 480-485

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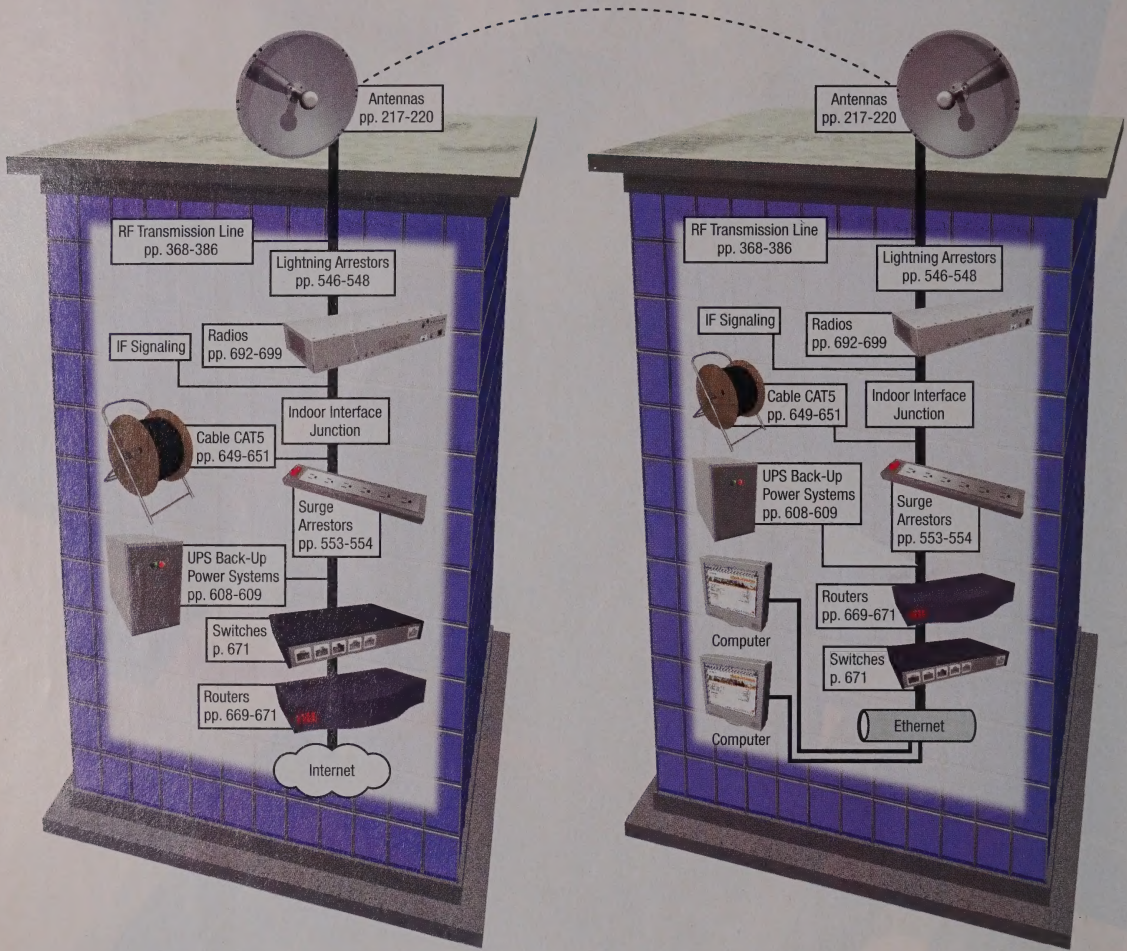
Solution 1021
Point-to-Point / Wireless Backhaul



Did You Know That TESSCO Also Offers:

Jumpers
pp. 48-453

Datacom Tool Kits
pp. 1527-1531

In-Building Amps & Repeaters
pp. 703-708

Base Antenna Mounts
pp. 466-497

Grounding, Lightning & Surge Arrestors
pp. 560-576, 546-560, 642-648

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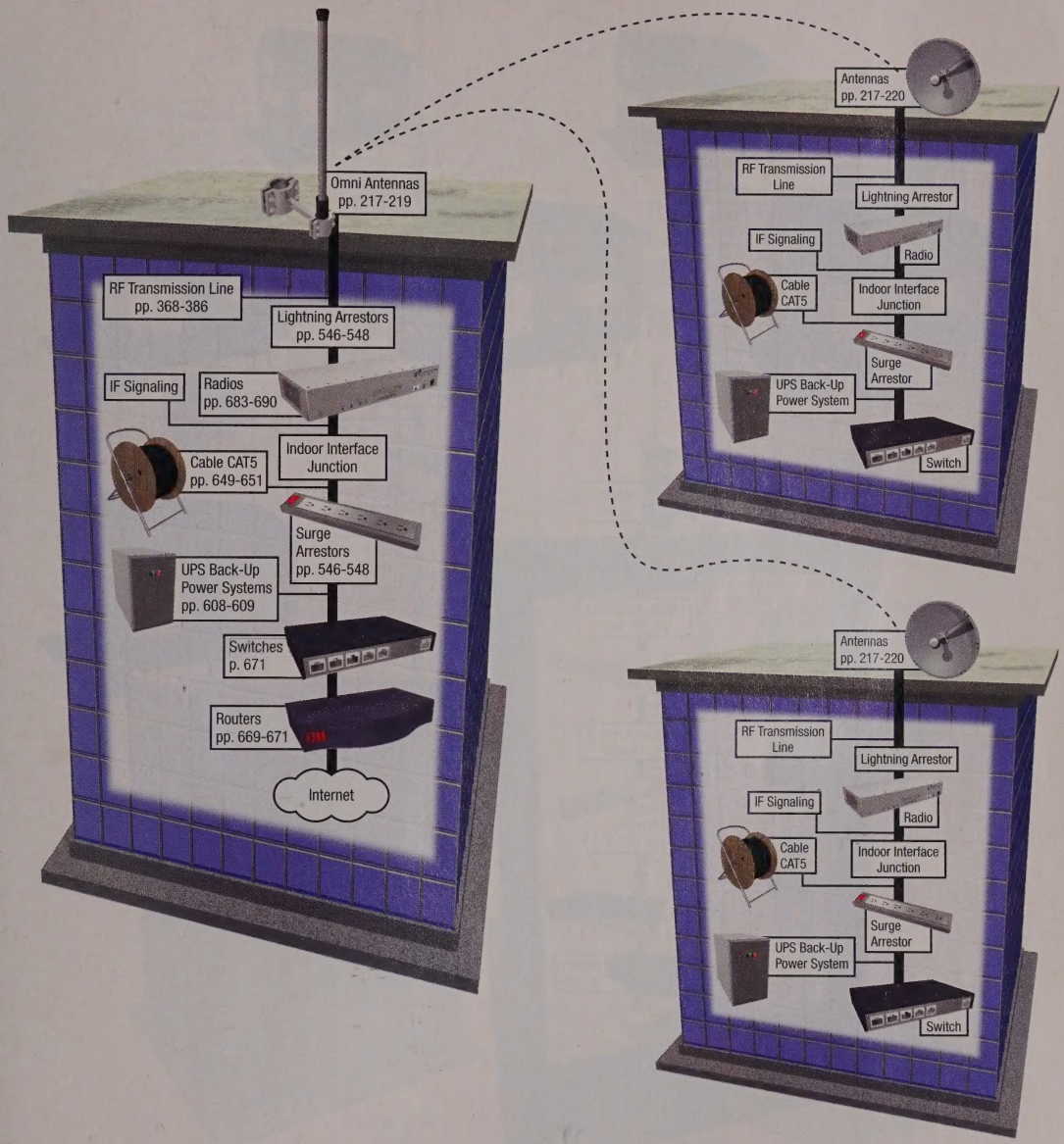
Solution **1022**

Point-to-Multipoint



Did You Know That TESSCO Also Offers:

Jumpers pp. 48-453

Datacom Tool Kits pp. 1527-1531

In-Building Amps & Repeaters pp. 703-708

Base Antenna Mounts pp. 466-497

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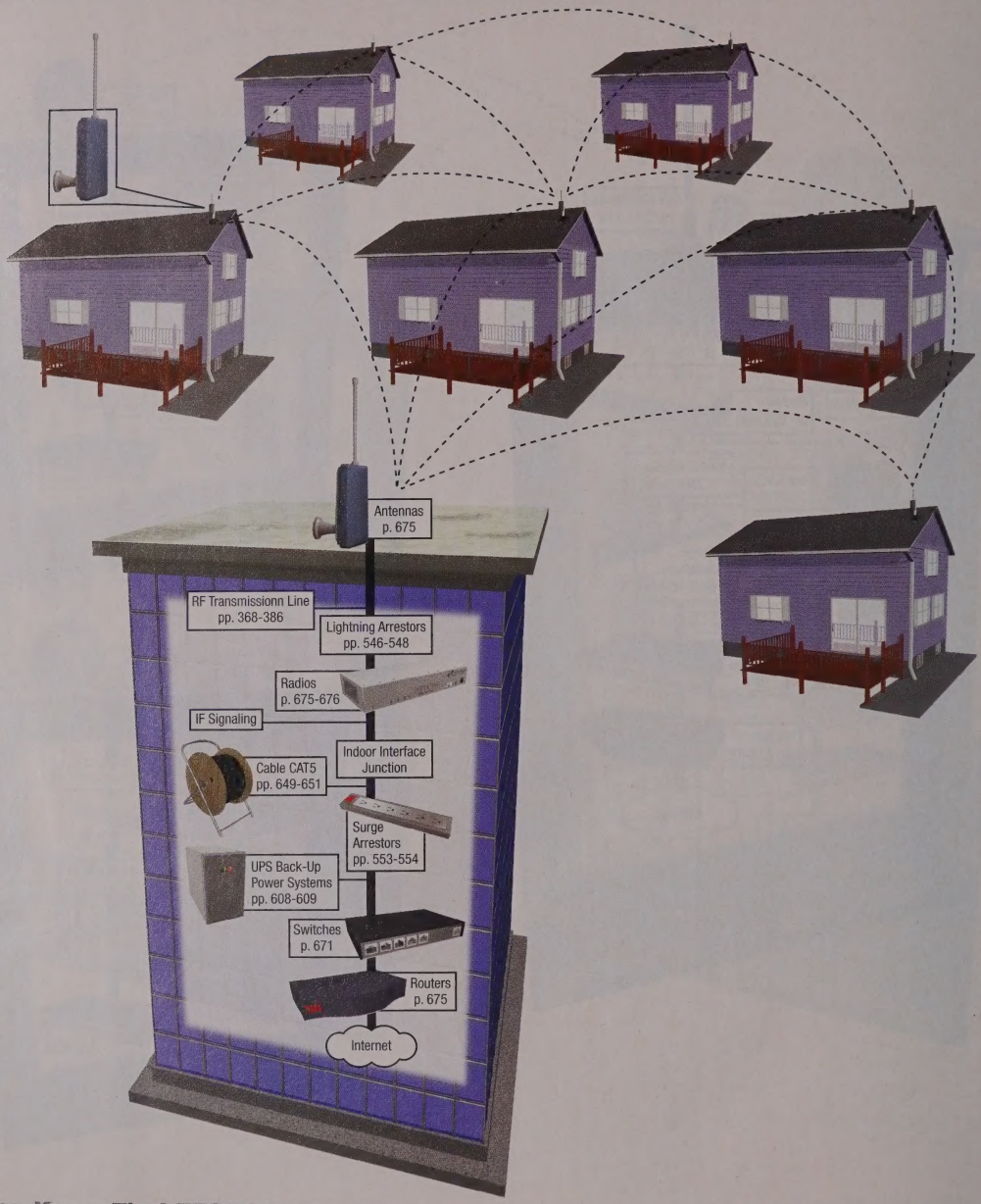
Solution 1023

Mesh Network



Did You Know That TESSCO Also Offers:

Datacom Tool Kits
pp. 1527-1531

In-Building Cables
pp. 649-656

Premise Wiring Supplies
pp. 657-665

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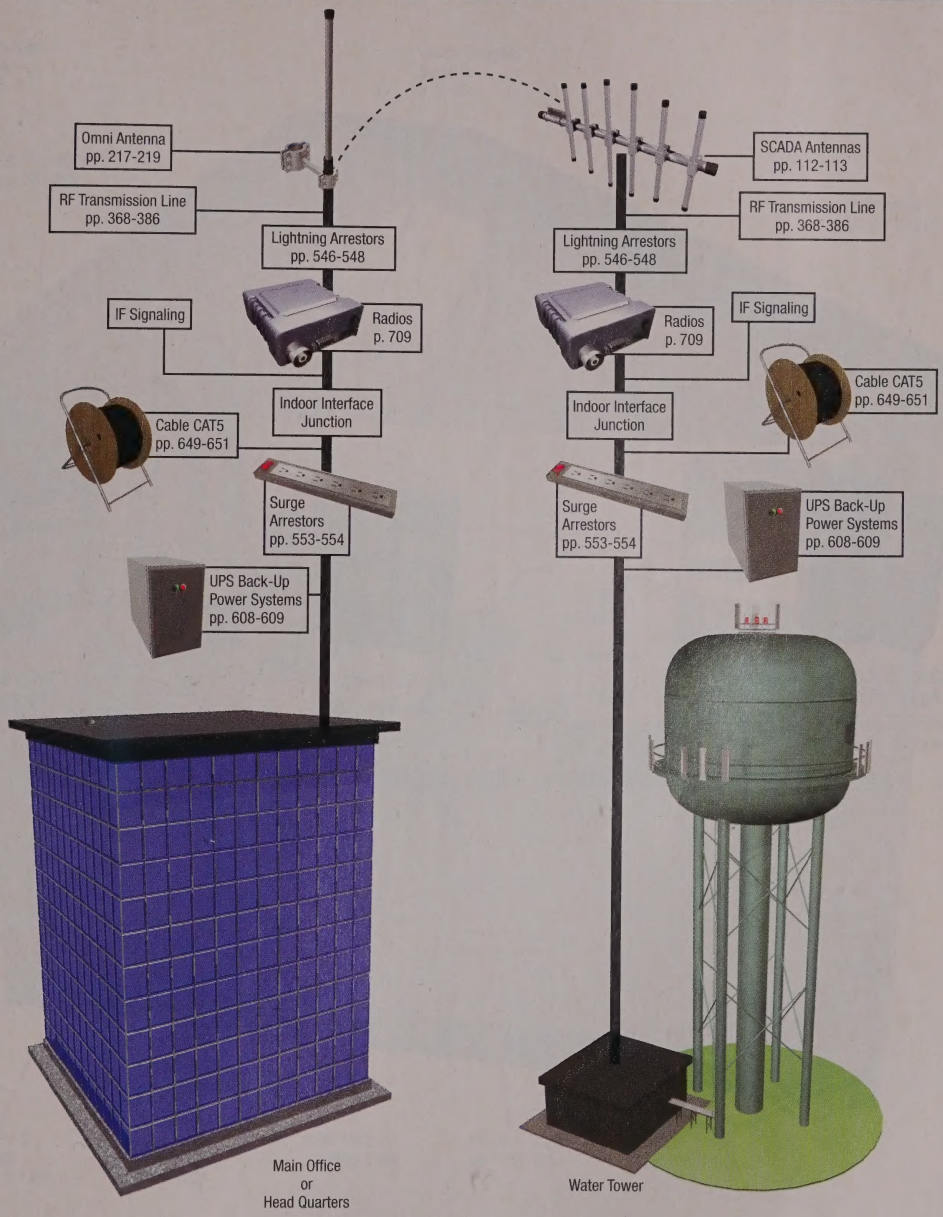
Solution **1024**

SCADA Two-Way Data Installation



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Cable Installation Tool Kits pp. 1558-1559

Multimeters pp. 1491-1502

Ground Testers p. 1464

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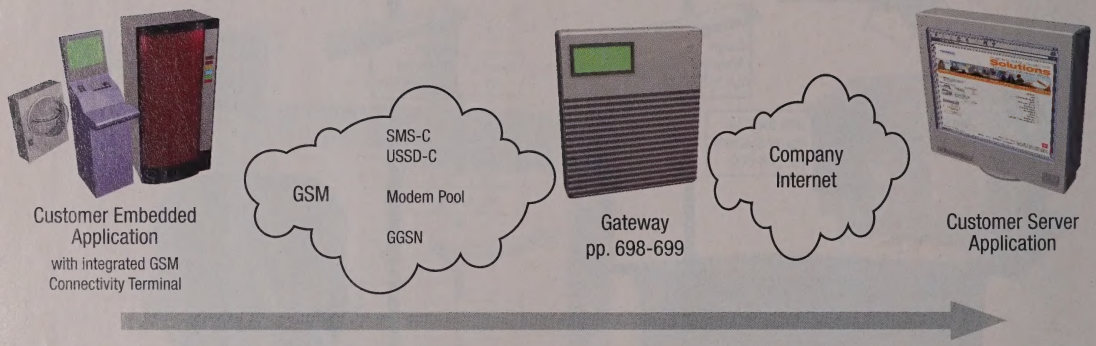

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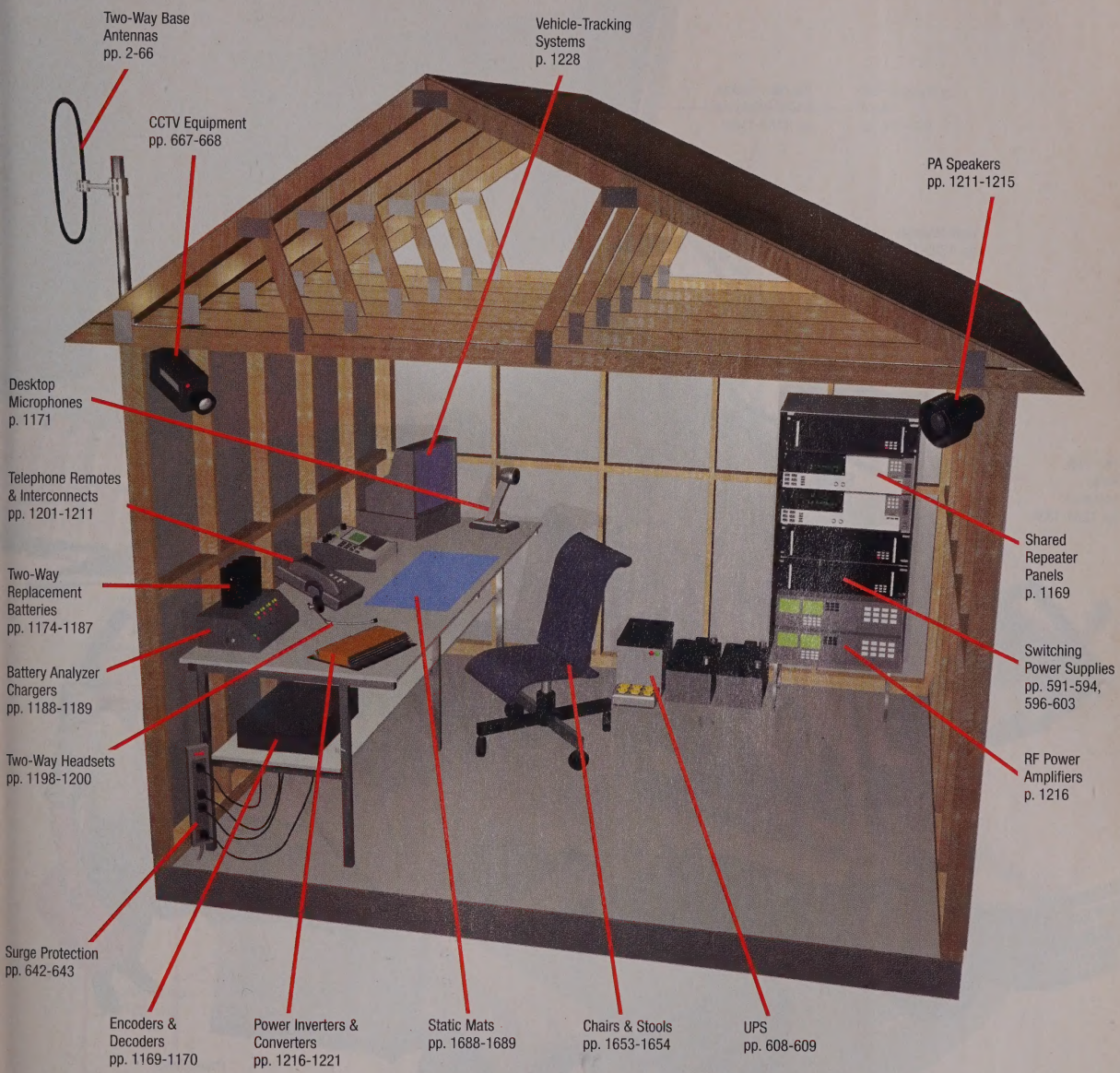
Solution 1026 Dispatch Center / Location Systems



Did You Know That TESSCO Also Offers:

Two-Way Radios pp. 1162-1169

Radio & Computer Brackets pp. 1364-1368

Vehicle-Specific Mounts pp. 1373-1383

Navtrak System p. 1228

Mobile & Portable Antennas pp. 1234-1329

Radio Cases pp. 1195-1197

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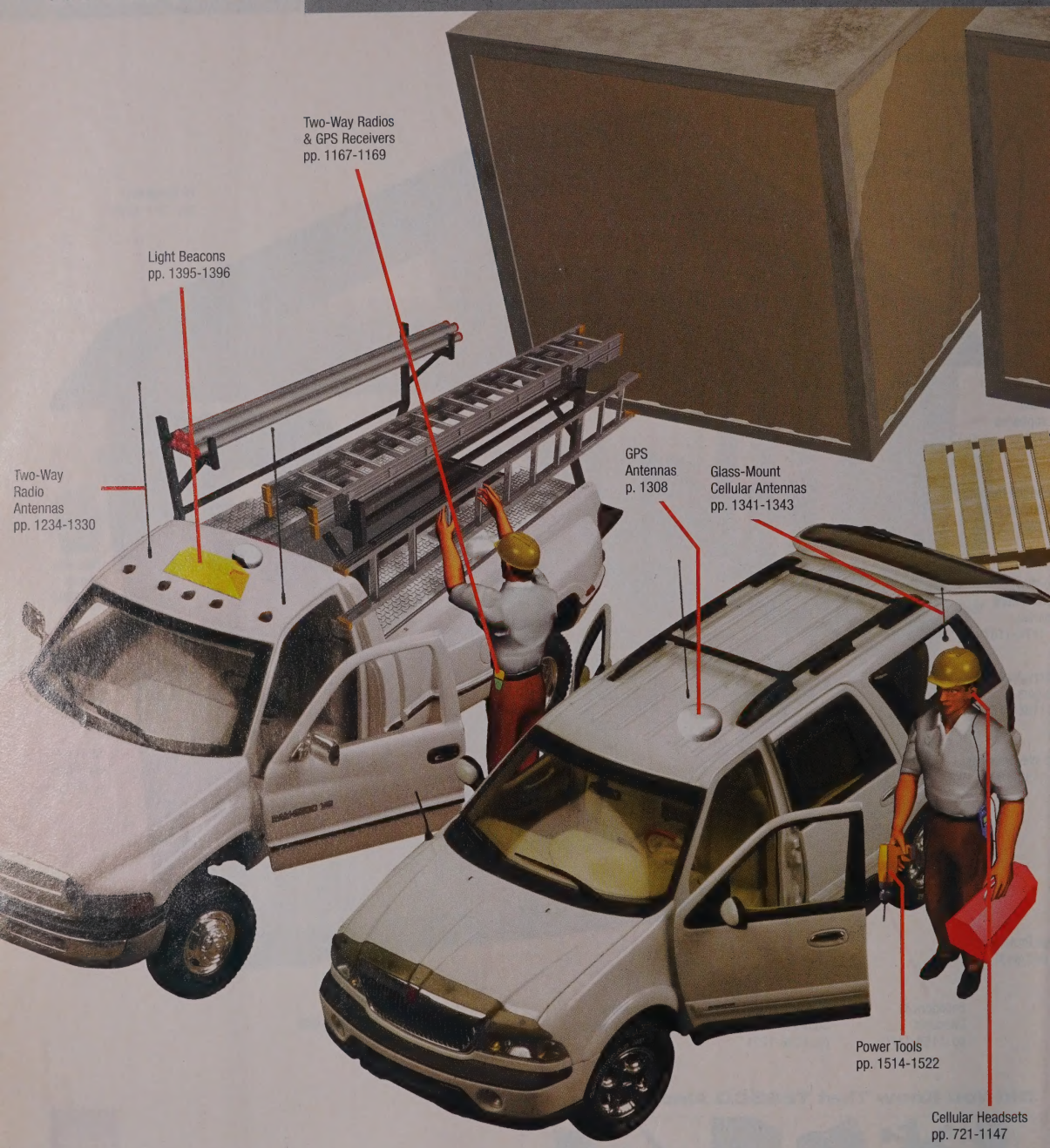

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Government Car / Construction Site

Self-Supporting Towers pp. 627-629

Coaxial Cables pp. 368-386

Ladders p. 1654

Light Bars & Sirens p. 1395

Mobile Microphones p. 1171

Two-Way Radios pp. 1162-1167

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Did You Know That TESSCO Also Offers:

Safety Gear pp. 1630-1644

Tool Kits pp. 1523-1531

Shelter Cable Supports pp. 530-536

Data Terminal & Computer Mounts pp. 1368-1373

Two-Way Headsets pp. 1198-1200

Two-Way Antennas pp. 1234-1329

Radio Mounts pp. 1365-1368

Vehicle Tracking Systems p. 1228

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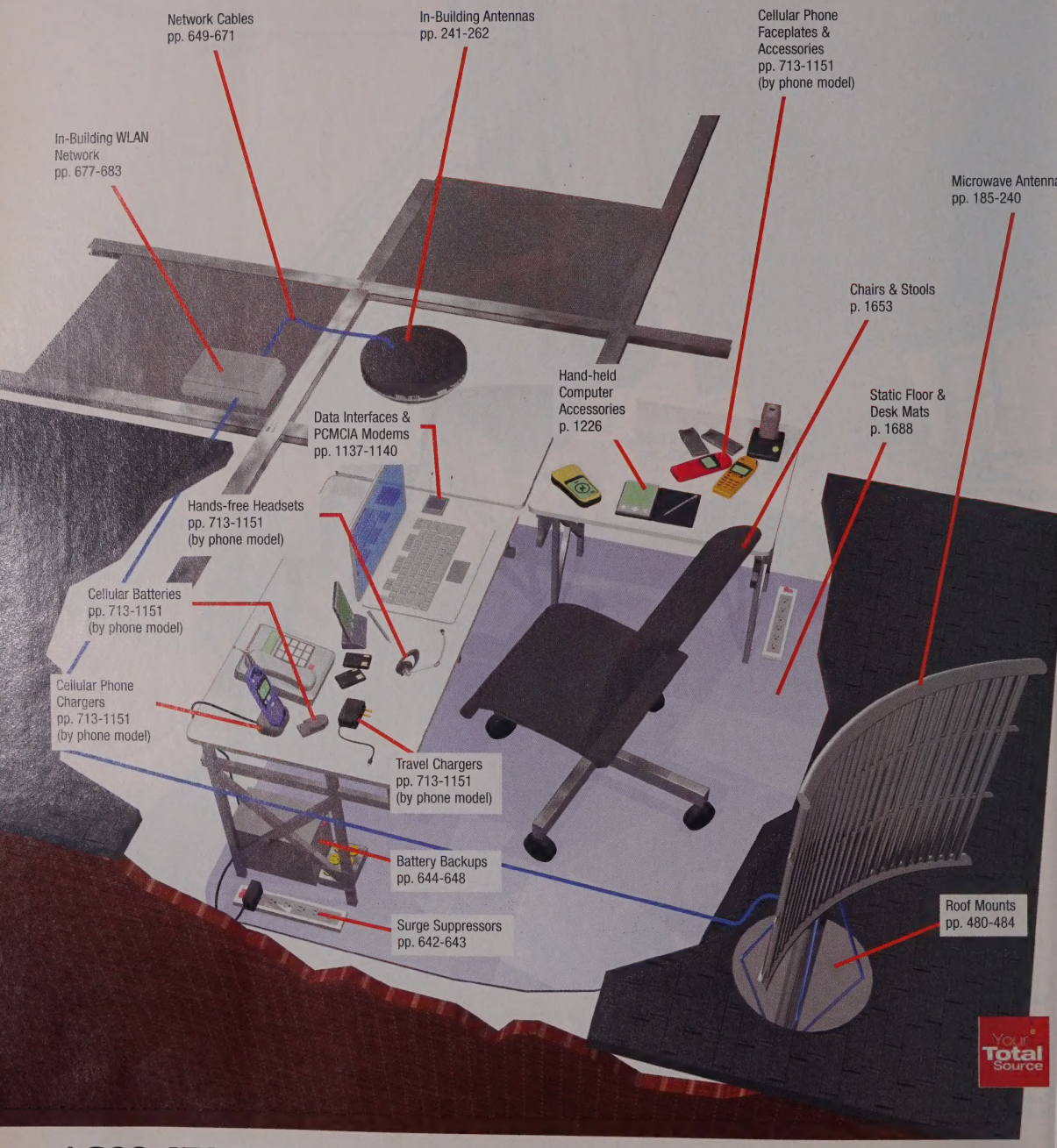
Solution **1028**

Home / Office Wireless Installation



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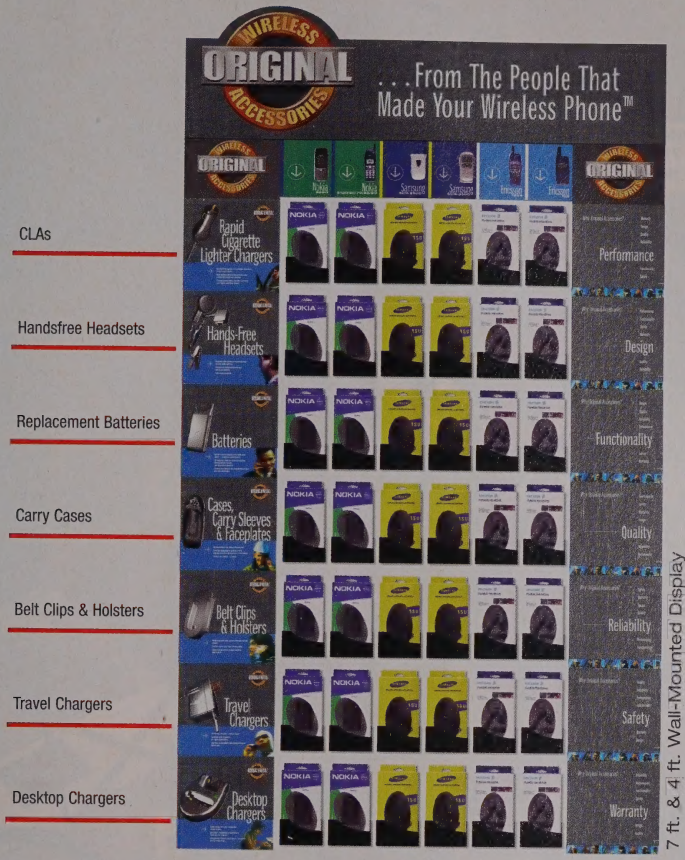
Solution **1029**

POP Merchandising



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Free-Standing Floor Display

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Solution **1030**

Cellular In-Car Installation

Hands-free Headsets
pp. 713-1151
(by phone model)

Faceplates
pp. 713-1151
(by phone model)

Phone Cradles
pp. 1390-1394

Data Interfaces &
PCMCIA Modems
pp. 1137-1140

Vehicle-specific
Mounts
pp. 1373-1384

Navigation Aids
pp. 1625-1627

Data Cables
pp. 1137-1140

Vehicle Power Adapters
pp. 713-1151
(by phone model)

Cellular Phone
Batteries
pp. 713-1151
(by phone model)

GPS & Navigation Aids
pp. 1625-1627

Did You Know That TESSCO Also Offers:

Hook & Loop Fasteners
p. 1744

Fuse Taps
pp. 1716-1718

Cellular Accessories
pp. 713-1151
(by phone model)

Mobile Installation Tool Kits
pp. 1525-1530

Mobile Antennas
pp. 1331-1352

Hole Saw
p. 1520

Protective Seat & Fender Covers
p. 1662

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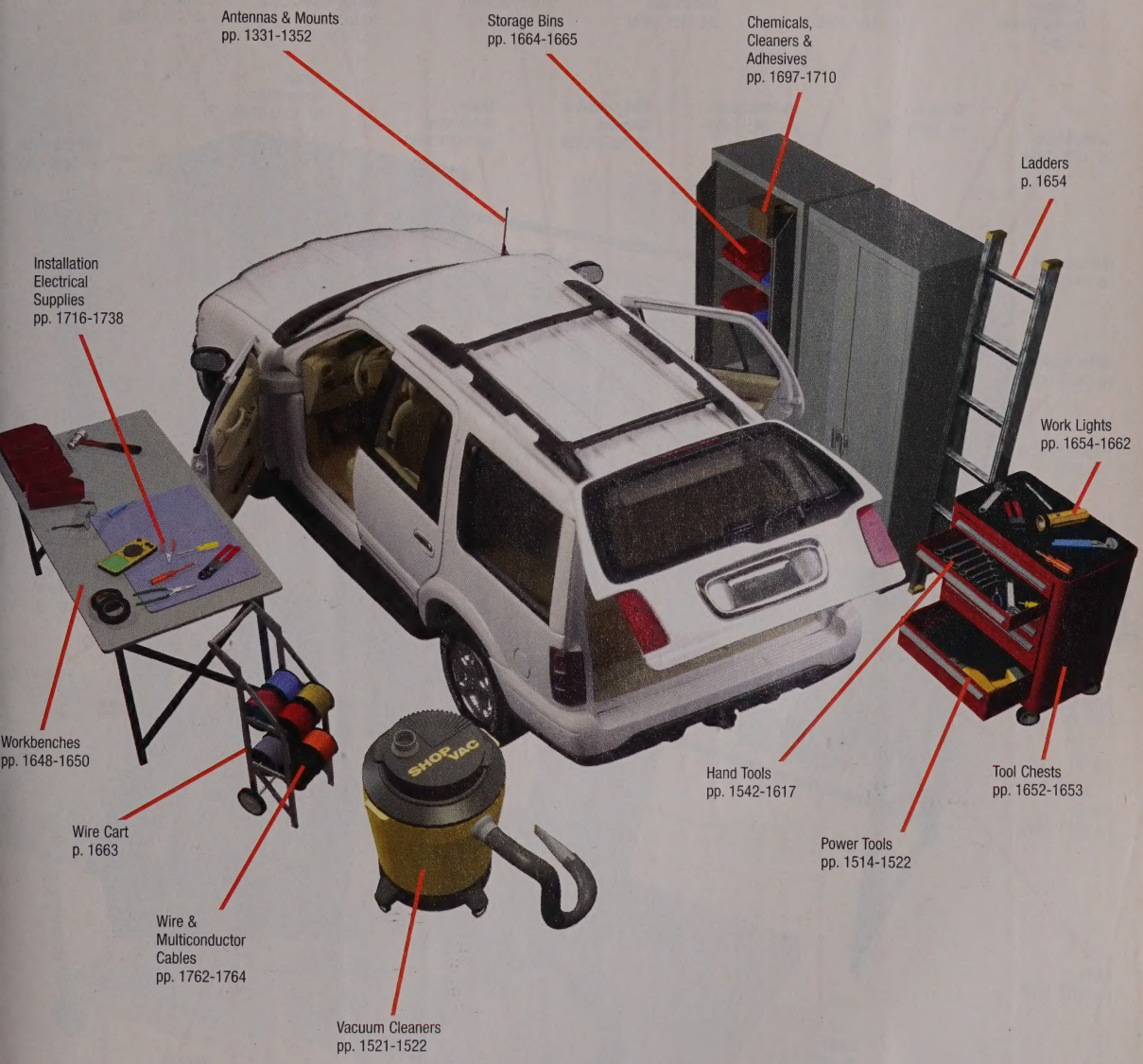
Solution 1031 Installation Bay / Service Center



Did You Know That TESSCO Also Offers:

Cellular Accessories pp. 713-1151 (by phone model)

Cable Ties pp. 1745-1748

Technician's Tool Kits pp. 1530-1531

Protective Seat/Fender Covers pp. 1614-1616

Antenna Hole Saws/Drills pp. 1520-1521

Antenna Testers pp. 1419-1420

Digital Multimeters pp.1491-1499

Frequency Counters pp. 1488-1490

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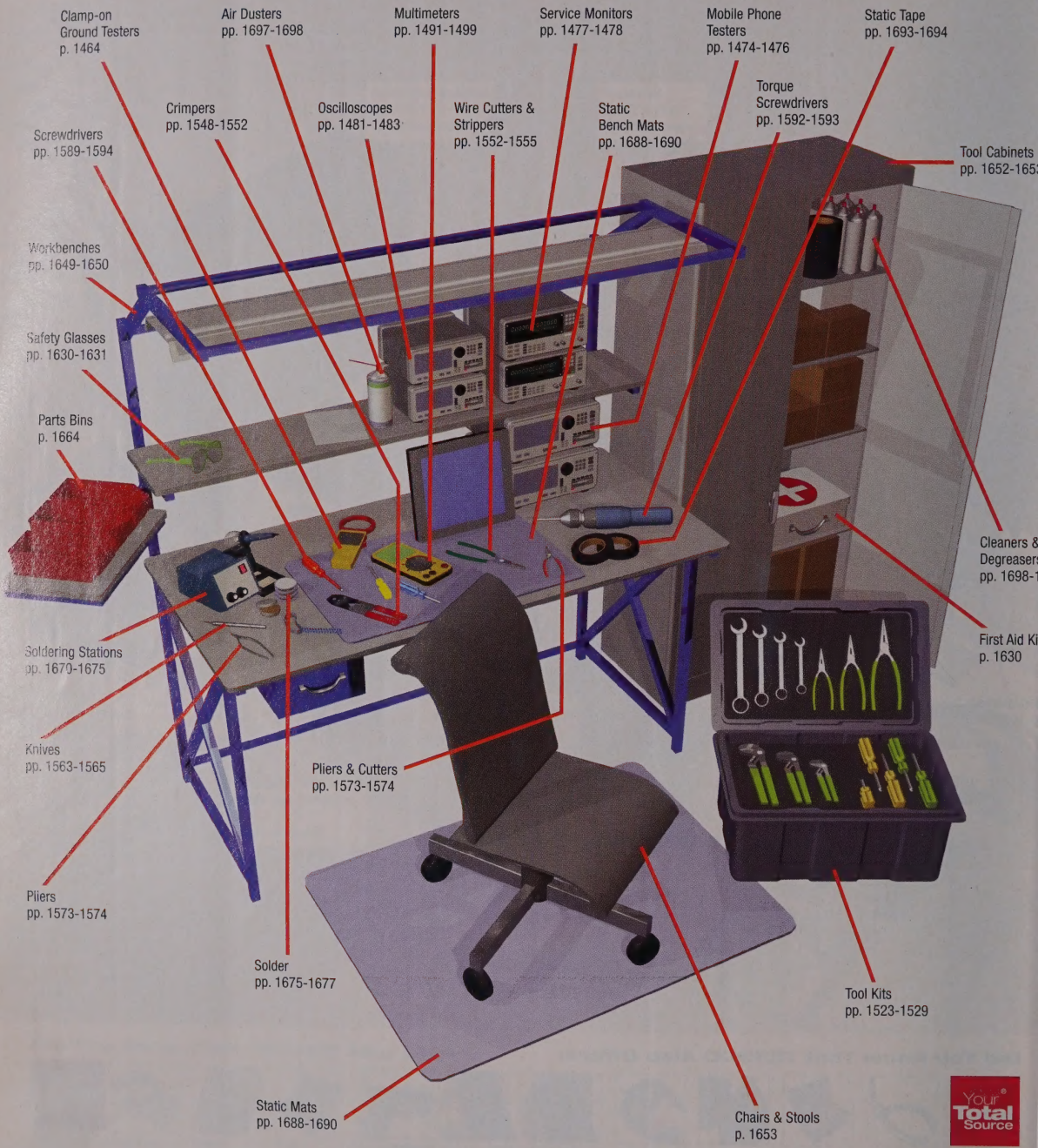
Solution **1032**

Cell Phone & Computer Repair



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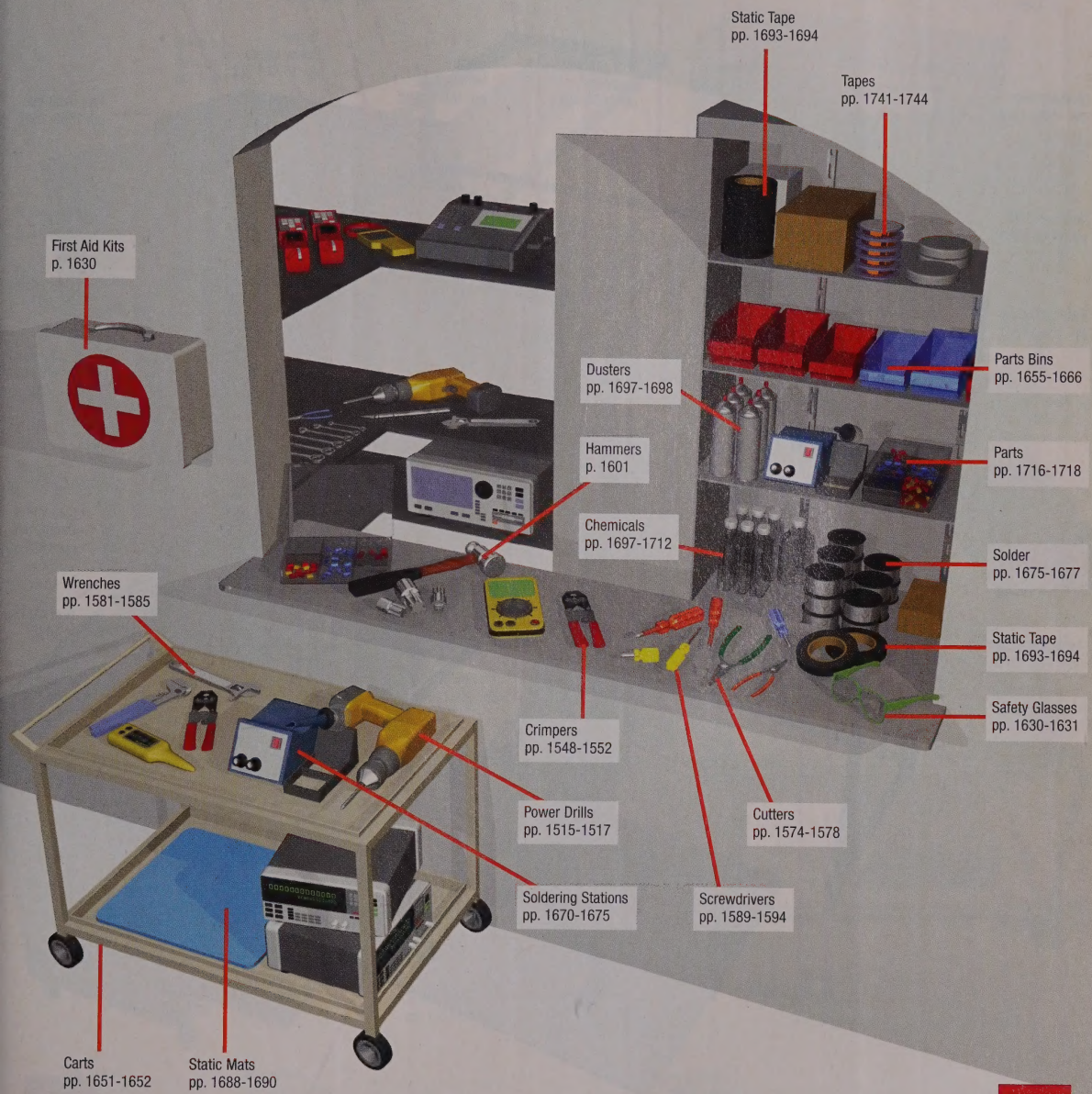
Solution **1033**

Tool Crib / Factory Floor



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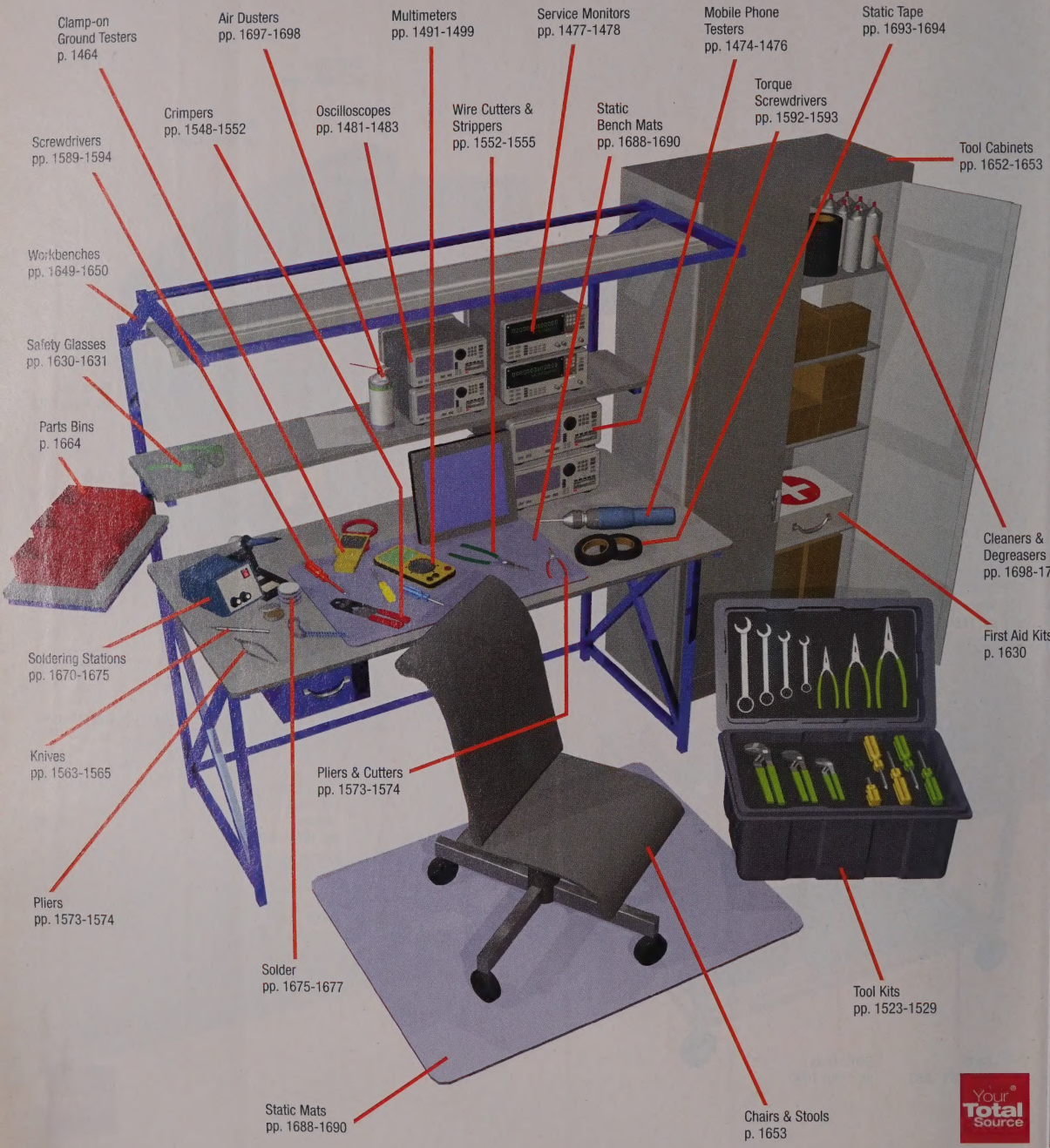
Solution **1034**

Production Line Workbench



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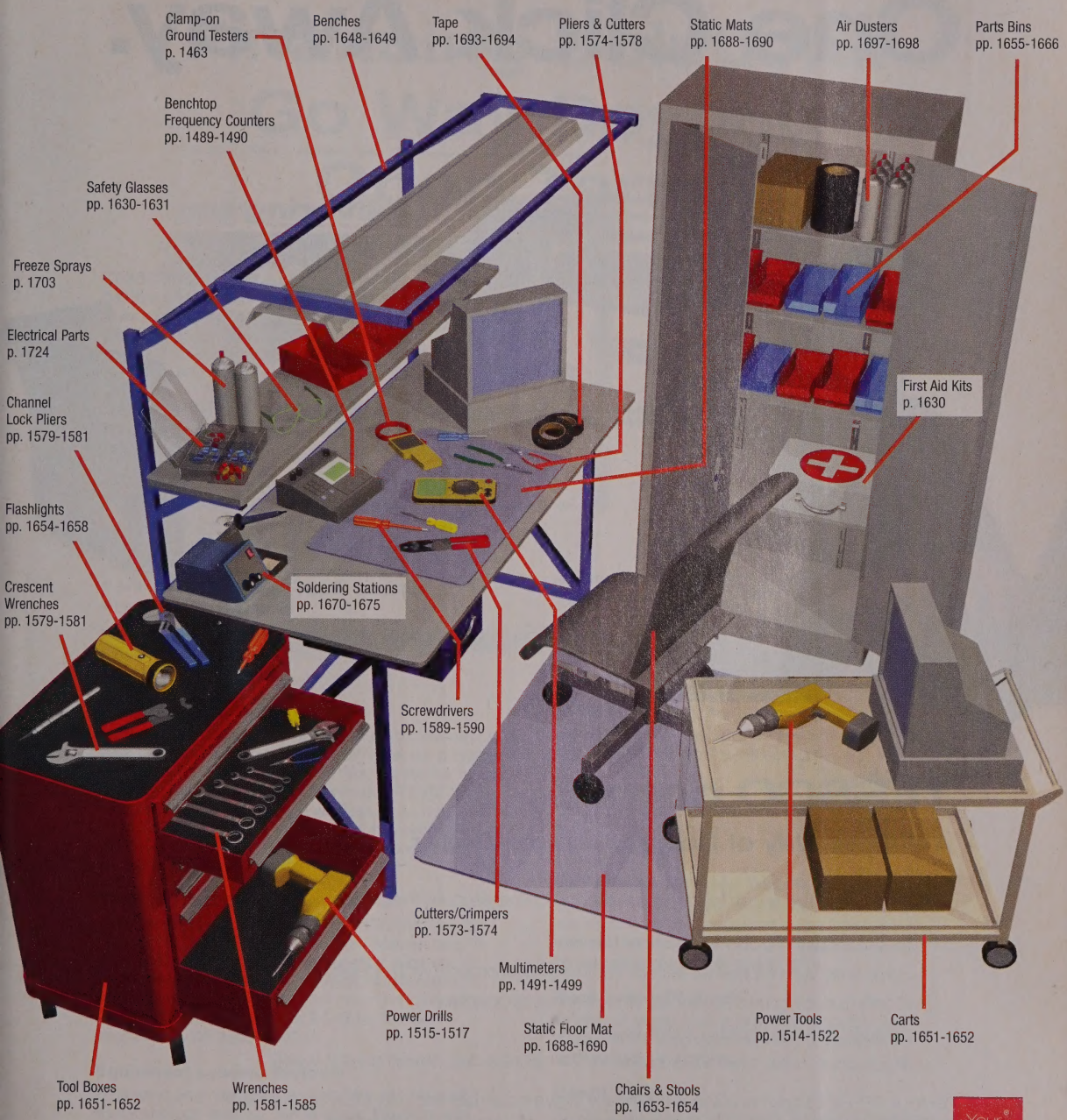
Solution 1035 Research & Development Workbench



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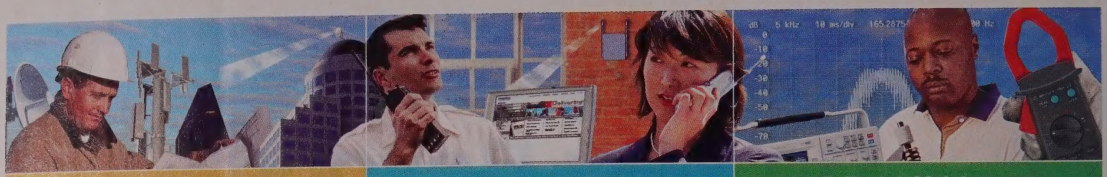
Services & Programs



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- Fast, hassle-free, credit-card ordering for techs. Call 888-256-2103 or +1 410-229-1200 (intl.)

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- Rental, rent-to-own, leasing, trade-in, and easy-payments plans.

Business Support Services

Business Support Services

- Call 800-472-7373 or visit TESSCO.com

TESSCO.com®

- Your Total Source® online at www.tessco.com.

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- The wireless world's most-read magazine of product news. Published quarterly. Available on TESSCO.com/getmytwj or by calling 800-472-7373.

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- The latest product introductions and updates, valuable supply-chain information and case studies, plus useful news and TESSCO information. E-mailed monthly. Available at TESSCO.com/gettransmitter or by calling 800-472-7373.

Your Total Source® Bulletins

- Detailed, comparative product information available via mail or at TESSCO.com.

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- Monthly accounting of item usage, property records and more.

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Andrew is your one source for complete antenna-to-radio RF subsystem solutions

Get the best in system and supplier performance

Only from Andrew:

- **HELIAX® coaxial cable**
  featuring LDF5-50B, lowest attenuation 7/8" coaxial cable
- PerforMax™ antennas
- Teletilt™ variable electrical downtilt systems
- OnePiece® connectors
- Arrestor Plus® surge arrestors and Accessories
- SureFlex™ cable assemblies
- GPS antennas
- Andrew filters, diplexers, and tower mounted amplifiers

For the best coverage and call quality, increased system capacity, lower costs and increased revenue, specify Andrew RF antenna/feeder network subsystem solutions for your system build out.

ANDREW. Connecting the Wireless World

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Become an Instant Hot Spot Provider

Become a Hot Spot provider with Airpath's turn-key 'Instant Hot Spot' program. Out-source your NOC infrastructure and begin immediately!

- AAA End-User Billing
- Branding
- Roaming Agreements/Settlement
- Subscriber Management
- Login/Signup/Advertising Portals
- Productizing/Pricing
- Help Desk

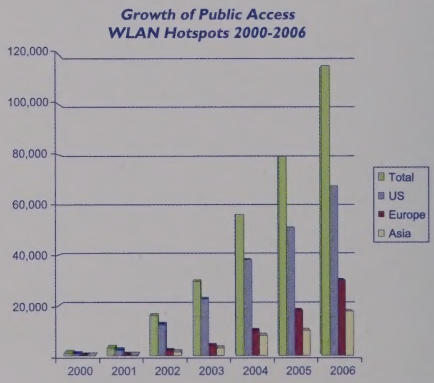
What is a Hot Spot?

A "Hot Spot" is a public location that is equipped with a commercial system that allows the general public to gain broadband access to the Internet using a Laptop or PDA. Hot Spots can be both wired and wireless at locations such as:

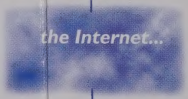
- Hotels
- Airports
- Shopping Malls
- Public Retail Locations
- Coffee Houses
- Convention Centers
- Any other venue that the laptop-carrying public may be!

You own the...
...Network
...Brand
...End User

You own the revenue!



Our Client Hot Spot Network(s)



AAA
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Branded Billing/SMS
Roaming/Settlement
Productizing

Airpath wireless℠
Centralized Operations Center

Airpath wireless℠

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SITE MASTER TRAINING COURSE

Specialized Site Master line sweep training

is an intense two-day instructor led training course that focuses on RF line sweep theory and technology

- **Hands-on:** Learn by doing the task and not by watching. 50% of the course is hands-on.
- **Critical Emphasis:** Fine-tune the points, or products and techniques of particular importance to your operations. Our skilled instructors and staff will tailor the module to meet your requirements.
- **Cost Savings:** Eliminate or significantly reduce your travel expenses because training sessions are offered in a location close to you.
- **Schedule:** Training sessions can be easily scheduled months in advance. Get more specific details regarding class locations, including information on discounts or having a training session at your company site by contacting TESSCO at (800) 472-7373

Who should attend Site Master line sweep training?

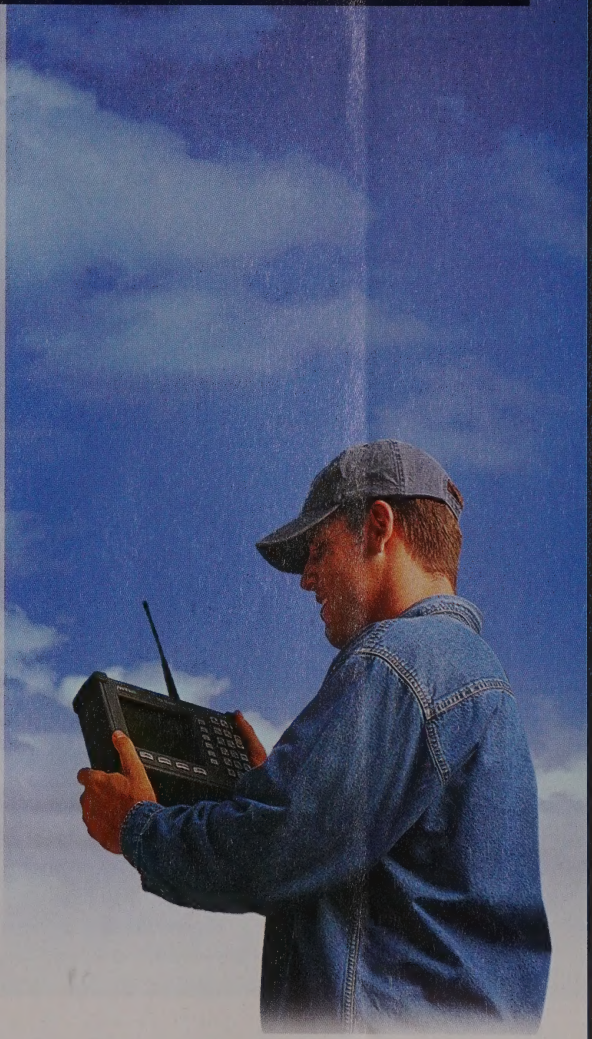
- Wireless Carriers
- Base Station OEMs
- Tower Companies
- Field Engineers
- Installers
- Site Managers

You will learn

- Technical aspects of line sweeping
- How to set up line sweep
- The affect that cable length, cable type, and system components have on sweeps
- The affects of sweep rates and frequencies
- How to pinpoint faults
- How to identify, locate, document, and resolve cellular/PCS cable—transmission line faults

"Overall, this course is excellent and I would recommend it, even to folks who have been performing site sweeps as part of their responsibilities in the past. There were many features about the software that I didn't know how to use until I took the course."-Scott Collins, Nextel

Call 800-472-7373 to enroll and master the art of line sweeping.



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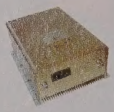
From home offices to corporate offices, CSI has your in-building wireless needs covered.

New Products

Small Office/Home Office Solution
Model 150 PCS Bi-directional Amplifier – Featuring 50 dB of gain and covering the entire PCS frequency range, the 150 is the perfect solution for small office/home office installations.

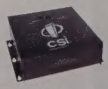


Large Facility Solution
Model 610 Bi-directional Amplifier – With 80 dB of gain and nearly two watts of linear output power, the 610 is a high-performance BDA ideal for applications requiring high gain due to low outside signal strength and for driving extensive coaxial systems.

With over 7,500 amplifier units sold, CSI has become a leading provider of technologies that effectively extend wireless signals in all types of facilities. From small offices to multi-story commercial facilities, and everything in between, we're experts at providing high performance products and services that define a new level of value in the wireless industry.

Wherever you need to enhance in-building wireless communications, count on CSI products to cover you.

Turn to the manufacturers index for a complete list of CSI products or call your TESSCO distributor for more information.



Bi-directional Amplifiers

In-line Amplifiers

Antennas

Power Dividers and Directional Couplers

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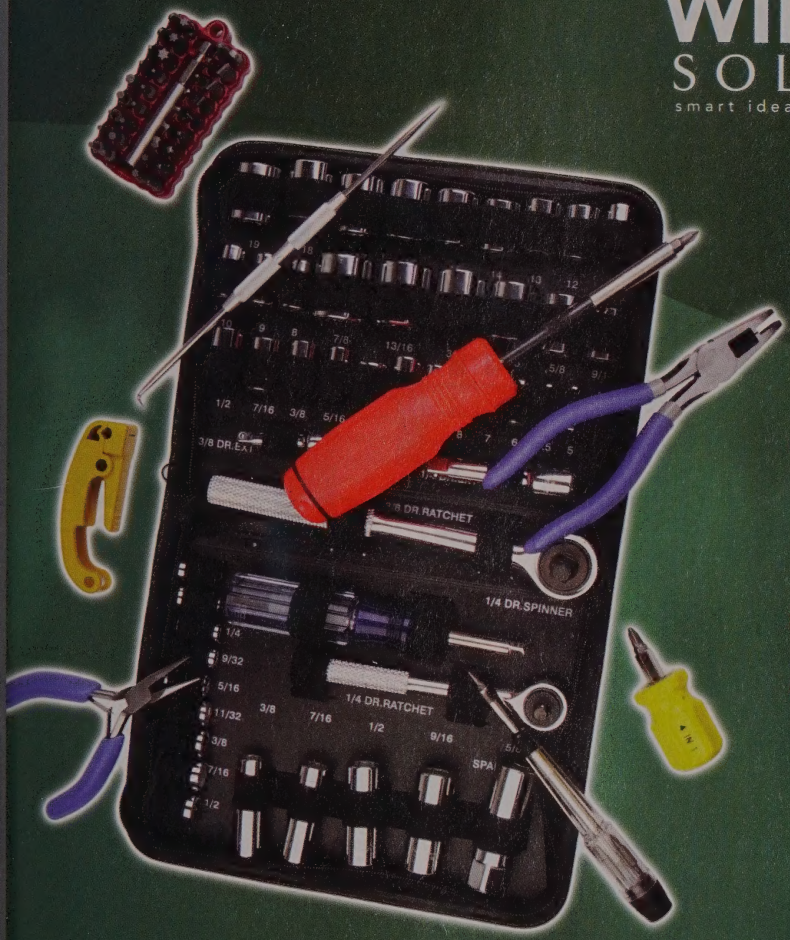

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- Dedicated to meeting the wireless technician's requirements
- Affordably priced
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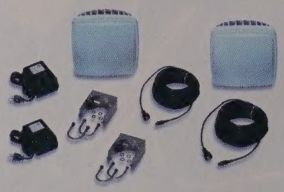
When 802.11b isn't enough. And leased lines are too expensive.

{ Think Quick. }

New Tsunami QuickBridge. The fastest, easiest way to building-to-building connectivity.

Tsunami QuickBridge™ is the newest member of Proxim's line of high-performance Ethernet bridges. With aggregate speeds up to 60 Mbps, it's a cost-effective alternative to leased lines and more powerful than 802.11b connections. It provides secure, carrier-class connectivity between buildings up to six miles apart with 99.999% availability. Plus it can be installed in just hours, not days. QuickBridge comes with everything you need in one box—including two radio units with integrated antennas, cables, mounting hardware, and all of the necessary documentation. It even comes equipped with a special audible alignment tool to make installation even easier. To learn more about Tsunami QuickBridge, go to **www.TESSCO.com** or call **800-472-7373**.



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(Ni-Cd, Ni-MH, Li-ion)

Impedance Test
25 Seconds
(Ni-Cd, Ni-MH, Li-ion)

One Cup Will Work With
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Various Capacities

Computer Interface
Ready

Most Cost Effective Unit
In the Market

Many Additional Features

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+W&W-
WHERE QUALITY IS #1

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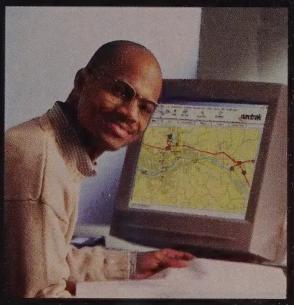
navtrak

How would your business change...



...if you could ride with your mobile employees all day, every day?

- Increase Productivity
- Control Overtime
- Improve Customer Service
- Increase Security
- Lower Operating Costs
- Improve Response Time
- Protect Vehicles from Theft
- Lower Insurance Premiums
- Increase Profitability

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Navtrak offers innovative, affordable solutions to businesses with a mobile workforce.

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Professionally mount your phone today.
Depend on the industry leader to unravel your handsfree challenges.

Thousands Hang-Up On Us Everyday

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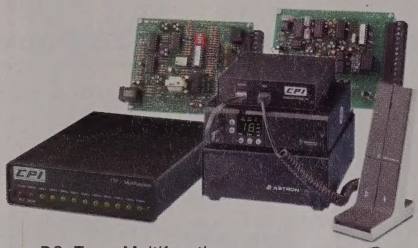
Remote-Control Equipment for the Commercial Two-Way Radio Industry

Largest Selection of Multichannel Remotes and Termination Panels: Kenwood 80 and 90 Series, Motorola CDM1550 (LS) and many other systems available



DC, Tone, Multifunction, and Radio-specific Termination Panels for Many Applications

Accessories for CPI Products

Multi-Frequency and Multi-Line Tone Remotes

DC, Tone, and Local Extension Remotes

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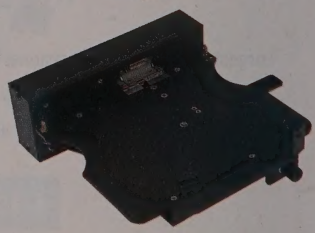
Get Connected to the Latest Technology in Mobile Computing

TESSCO Part No. 462316

Panasonic Toughbook 28 Docking Station

Gamber-Johnson's NEW Panasonic Toughbook 28 Docking Station is designed to securely mount the computer into fleet vehicles. Features include:

- Patent-pending, rugged design using MIL-STD-810F test procedures
- Brass locating pins ensure proper computer placement
- Pre-drilled holes provide cable strain relief and align with Gamber-Johnson motion attachments
- One-handed motion lever, cam slide mechanism, and floating docking connector all offer simple and assured docking engagement
- Built to handle the strongest Panasonic Toughbook applications



NotePad™ IV Universal Computer Mount

TESSCO Part No. 455320

The NEW NotePad™ IV is loaded with great new features that will make mounting your laptop computers quick and easy. Features include:

- Patent-pending slim rugged design provides low mounting capability
- New, curved hold-down clips
  - are "one-size-fits-all", work with most computers
  - feature easy height adjustment capability
  - are fastened on the interior and do not hang below chassis
- Offset front retainer and rear support brackets for added forward/backward restraint
- Wing turn compression closure latch
  - allows for fast initial size adjustment
  - allows for quick computer insertion and removal
  - has built-in key lock

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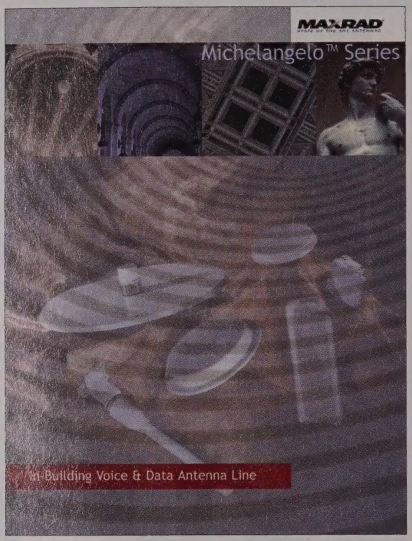
MAXRAD's MICHELANGELO™ ANTENNAS



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- 800/900 MHz frequencies, including SMR, iDEN, AMPS, GSM, ISM
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- Omnidirectional, bi-directional hallway and directional models available
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- Outstanding, consistent and repeatable performance
- UL listed materials and cable meet the most stringent building codes

WISPerformance

- Antenna Solutions for Wireless Internet Service Providers
- Directional panel antennas, sector panel antenna, directional yagi antenna and accessories
- 2400-2500 MHz ISM frequencies
- Attractive and robust low profile UV stable mounting brackets for outdoor installations
- Best cost vs. performance antenna products in the industry

MAXRAD's XtremeWave™ ANTENNAS

Xtreme Efficiency (XE) All Terrain Sectorized Omnidirectional Antenna

- Increased wireless broadband system capacity, gain and throughput achieved through individually fed sectors
- Up to 15° mechanical downtilt
- Up to 11 different azimuth patterns options for customized wireless coverage (kits required)
- Mast or direct tower leg mounting for maximum flexibility
- Minimal downtime reductions through individually fed sectors
- ISOMAX maximum isolation sectorized antenna array also available!

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Become an Instant Hot Spot Provider

Become a Hot Spot provider with Airpath's turn-key 'Instant Hot Spot' program. Out-source your NOC infrastructure and begin immediately!

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- Branding
- Roaming Agreements/Settlement
- Subscriber Management
- Login/Signup/Advertising Portals
- Productizing/Pricing
- Help Desk

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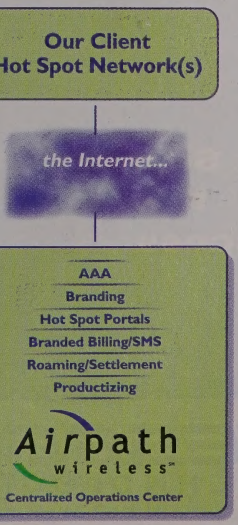
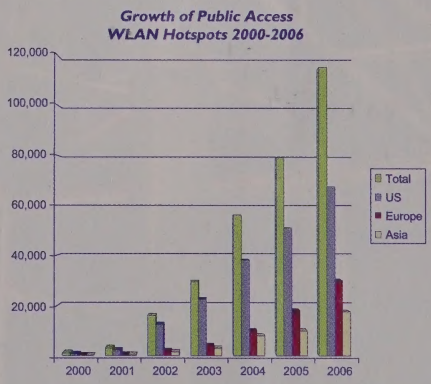
- Airports
- Shopping Malls
- Public Retail Locations
- Coffee Houses
- Convention Centers
- Any other venue that the laptop-carrying public may be!

You own the... ...Network ...Brand ...End User

You own the revenue!





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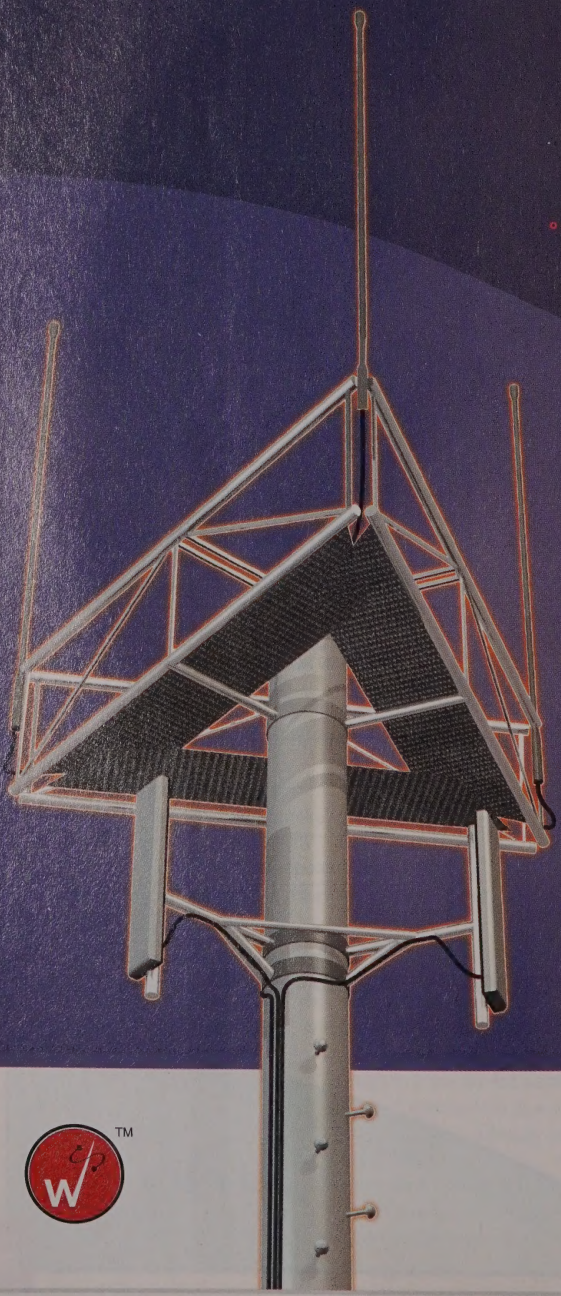

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- Intrinsically Safe models available
- 1100 & 1500 mAh capacities

For Kenwood TK-3140 Radios
- Highest performing Ni-Cd, Ni-MH & Li-Ion Cells
- 1200, 1400 & 2000 mAh capacities

For M/A-COM Panther/Cougar 400P, 600P, 625P Radios
- Highest performing Ni-Cd & Ni-MH Cells
- 1100 & 1450 mAh capacities

For M/A-COM Jaguar 700P Radios
- Highest performing Ni-Cd & Ni-MH Cells
- Intrinsically Safe models available
- 1700 & 2700 mAh capacities

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Broadband wireless that works for you

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- Point-to-multipoint
- Building-to-building
- Backbone

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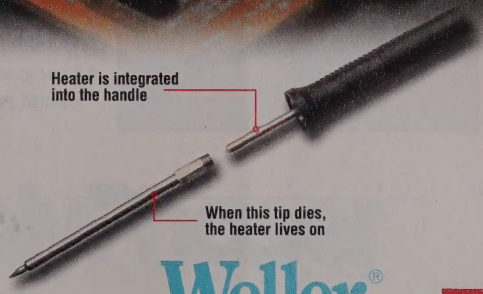
Toss the tip. Keep the heater. Count the savings.

A new design that saves you money.

When the tip wears out on some popular soldering irons, the entire heater/tip cartridge must be replaced, even though the heater has months of useful life remaining. Very wasteful. And very expensive.

With a radically different design that integrates the heater into the handle, the new WMP micro pencil provides an extremely short tip-to-grip distance. But the real news is that when the tip wears out, you replace only the tip. So your operating costs can decrease by as much as 70%! Ask your Weller sales representative for a demonstration soon and start counting your savings.



COOPER Tools

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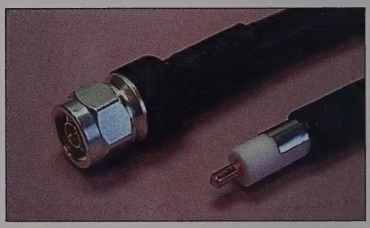
Off-White Colored Jacket for LMR® Low-Loss Flexible Coaxial Cables

LMR-195-FR-W • LMR-400-FR-W

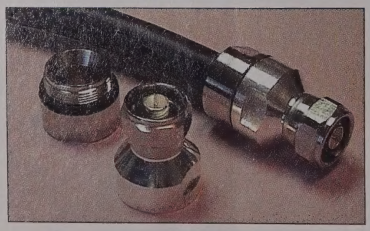
- Perfect for in-building and outdoor short to medium length antenna feeder cable runs
- Off-white jacket blends in with light colored building exteriors and most indoor office décor color schemes
- Easy-attachment "EZ" non-solder connectors available
- Fire-retardant overall jacket
- UL/CSA Listed CMR/MPR (PCC-FT4)

FlexRAD-600-PVC Flexible Radiating Cable

- Provides controlled RF coverage in buildings, mines and other enclosed areas where point source antennas are not practical
- Offers broadband performance up to 2.5GHz
- Flexible, non-kinking design provides easier installations
- Accepts standard "EZ" crimp connectors used for LMR-600 cable
- Low cost design



EZ-600-NMC-2 Two-Piece Type N Male Connector for LMR-600



- Simple 2 piece clamp design
- Eliminates the need for a crimp tool and dies
- Non-solder "EZ" spring finger center conductor contact
- Compatible with the Times ST-600C strip/prep tool
- Low loss & low VSWR design through ISM and spread spectrum bands to 5.8 GHz

---

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The PolyPhaser GX series is designed for systems requiring dc voltage and up to 50 watts maximum continuous power, including in-line amplifiers and Global Positioning Systems (GPS) receivers.

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A unique and compact design is only one of the features of the SX series from PolyPhaser. It is a dc-blocked maintenance-free protector that incorporates a fully integrated weatherized housing.

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A wide range of antenna patterns is available, offering RF coverage optimized for many different topographies including towns, highway corridors, both flat and mountainous areas, and coastal or border regions.

The SC481, a member of the High Performance Omni family, is specifically designed to provide coverage for cities, towns and highways. The higher gain of the SC481 is complemented by its lower VSWR and low intermod operation. The Parallel Feed design allows for better pattern control and high null fill.

Fabricated using rugged components, these antennas are designed for ease of installation and superior resistance to harsh environmental conditions. The antennas are enclosed in fiberglass radomes to minimize tip deflection and coverage variations in severe wind conditions. For extreme weather conditions, heavy duty fiberglass radomes are available. The antennas are available with a variety of industry standard connectors and are designed to meet the most stringent wind and ice loading requirements.

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Multicouplers
Combiners

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- Multicouplers
- Combiners

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Network Infrastructure

Antennas & Antenna Systems
- Antennas, Base Station
- Antennas, Cellular & PCS
- Antennas, Microwave
- Antennas, Indoor (Cellular/SMR/PCS)
- Filters, Combiners, Duplexers, Ferrites
- Towertop Amplifiers

Transmission Line & Cable
- Coaxial Cable & Transmission Line
- Waveguide Connectors & Accessories
- Braided Coaxial Cables
- Connectors for Transmission Line
- Connectors & Adapters for Braided Coax
- Jumper Assemblies
- Coax Cable & Transmission Line Accessories
- Dehydrator Systems

Tower & Site Support
- Mounts, Base Antenna
- Site Hardware
- Shelter Cable Support Systems
- Equipment Racks
- Enclosures, Indoor/Outdoor
- Lightning Protectors & Air Terminals
- Grounding Systems
- Exothermic Ground Connections
- Power Supplies, Rack Mounted
- Power Supplies, Tabletop
- Battery Backup Systems, Site
- Solar Power Products
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- In-Building Wireless LAN
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- Free Space Optics
- Unlicensed T-Carrier
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- Licensed, Point to Point
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Network Infrastructure

Antennas & Antenna Systems

Antennas, Base Station 2
- 25-30 MHz, Ground Plane, Coaxial 2
- 30-50 MHz, Dipole 5
- 30-50 MHz, Directional 6
- 30-50 MHz, Ground Plane, Coaxial 3
- 30-50 MHz, Yagi, Corner Reflector 7
- 66-88 MHz, Bidirectional 10
- 66-88 MHz, Dipole 9
- 66-88 MHz, Ground Plane, Coaxial 8
- 66-88 MHz, Yagi, Corner Reflector 11
- 200 MHz, Any Style 12
- VHF, Dipole 27
- VHF, Directional 34
- VHF, Fiberglass/PVC Radome 22
- VHF, Ground Plane, Coaxial 17
- VHF, Yagi, Corner Reflector 35
- UHF, Dipole 53
- UHF, Fiberglass/PVC Radome 44
- UHF, Ground Plane, Coaxial 40
- UHF, Panel 58
- UHF, Yagi, Corner Reflector 59
- 764-806 MHz, Fiberglass, Omni 67
- Accessories, Base Antenna 68
- Antenna Harnesses 71
- Monitor/Scanner Antennas 67
- Power Splitters, Power Dividers 68

Antennas, Cellular & PCS 72
- 800-960 MHz, Log Periodic, Directional .. 101
- 800-1000 MHz, Panel 88
- 806-896 MHz, Dual-Polarized 123
- 806-960 MHz, Fiberglass, Omni 72
- 806-896 MHz, Yagi, Corner Reflector 112
- 896-960 MHz, Fiberglass, Omni 130
- 896-960 MHz, Panel, Directional 140
- 896-960 MHz, Yagi, Corner Reflector 142
- Dual-Band Cellular/PCS Panel 155
- 1710-1990 MHz, Dual-Polarized 178
- 1710-1990 MHz, Fiberglass, Omni 156
- 1710-1990 MHz, Panel, Directional 160

Antennas, Indoor, Cellular / SMR / PCS .. 241

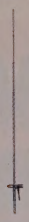
Antennas, Microwave 185
- 2.30-2.50 GHz 185
- 2.3-2.5 & 5.25-5.85 GHz, Dual-Band 212
- 5.925-6.425 GHz 205
- 7.125-8.4 GHz 215
- 10.7-11.7 GHz 216
- 2400-2500 MHz, Fiberglass, Omni 217
- 2400-2500 MHz, Panel 220
- 2400-2500 MHz, Yagi, Corner Reflector ... 235
- Radome Covers 238

Filters, Combiners, Duplexers, Ferrites ... 263
- Active Filters 328
- Cavities, Lowband 263
- Cavities, VHF 264
- Cavities, UHF 272
- Cavities, 800-1000 MHz 277
- Combiners, VHF 300
- Combiners, UHF 304
- Combiners, 800-1000 MHz 311
- Duplexers, Lowband 282
- Duplexers, VHF 283
- Duplexers, UHF 292
- Duplexers, 800-1000 MHz 296
- Ferrites, Isolators, & Circulators 330
- Matchers, Cross-Band Couplers 333
- Multicouplers, VHF 319
- Multicouplers, UHF 321
- Multicouplers, 800-1000 MHz 324
- Site Monitors & Accessories 334

Towertop Amplifiers 337
- Amplifiers, Towertop 337
- Preamplifiers 339

Your Total Source®

25-30 MHz Ground Plane, Coaxial [340-10]

Manufacturer Table	RFS Celwave 128	RFS Celwave 1142	Cushcraft/Signals CRS Series	Cushcraft/Signals BR Series
				
Product Narrative	Folded monopole ground plane antenna. Grounded radiator to guard against proximity lightning strike. Omnidirectional. Specify Frequency.*	Omnidirectional, fiberglass antenna. Shunt-fed coaxial design. Designed with a narrow bandwidth for specific spot frequency use. Specify Frequency.*	2 dB gain "Rugged Ringo". Halfwave, end fed, omnidirectional. No radial design allows top or side mounting. Field tunable.	Heavy duty omnidirectional "Ringo". Halfwave, end fed,field tu able. No radial design. Base sectio is double thick seamless tubing.
General Freq. (MHz)	25-29	25-88	25-84	26-50
Gain (dB)	Unity	Unity	2	2
Bandwidth >1.5 VSWR	0.6	0.4@25 MHz	500 kHz	500 kHz
Maximum Input Power (Watts)	500	250	250	500
H. Beamwidth (-3dB)	N/A	N/A	N/A	Omni
Vert. Beamwidth (-3dB)	76 Deg.	75 Deg.	N/A	N/A
Front to Back Ratio (dB)	N/A	N/A	N/A	N/A
Lightning Prot.	Direct Ground	Direct Ground	Direct Ground	Direct Ground
Direct Termination	None	UHF Female	UHF Female	UHF Female
Flexible Extension	18" Jumper, N Male	18" Jumper, N Male	None	None
Mount Hdw. Incl.	46 Clamp Set	Slimline Clamp Set	Clamps	Clamps
Overall Length	Varies w/ Frequency	18.8 ft	18.6'	18.6'
Element Housing Length	N/A	17.8 ft	N/A	N/A
Support Pipe Dia.	1-5/16"	1-2/3"	7/8"	1-1/4"
Support Pipe Length	24"	12"	N/A	N/A
Weight	Varies w/ Frequency	10 Lbs.	4 Lbs.	8 Lbs.
Rated Wind Velocity (MPH)	100	100 MPH	90 MPH	115 MPH
Wind Load, (sq ft)	Varies w/ Frequency	0.93	0.83	1.73
Lateral Thrust @ RWV (lbs)	Varies w/ Frequency	37 Lbs.	N/A	N/A
Bend Moment @ RWV (lbs)	Varies w/ Frequency	332 Ft.Lbs.	N/A	N/A
Warranty	5 Years	5 Years	1 Year	1 Year
TESSCO Part No.	**95767** *25-29 MHz	**76109** *25-30 MHz	**62429** *25-33 MHz	**12071** *26-32 MHz
List Price: T-1 Price:	$598.00 $455.68	$790.00 $601.98	$152.15 $109.52	$266.70 $192.01
Ship lb.: T-2 Price:	36 lb. $448.50	20 lb. $592.50	4.95 lb. $106.48	30 lb. $186.67
Ship kg.: T-3 Price:	16.36 kg. $439.53	9.09 kg. $580.65	2.25 kg. $103.44	13.64 kg. $181.34

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^ = Field tunable to exact frequency * = Specify frequency when ordering

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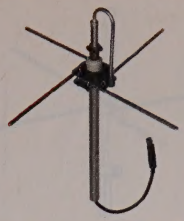
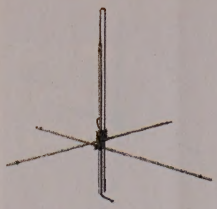
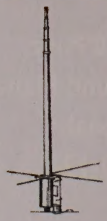
Antennas, Base Station

30-50 MHz, Ground Plane, Coaxial [340-17]

Manufacturer Table	RFS Celwave 128	RFS Celwave 1142	Sinclair SRL-101A	Antenna Specialists ASP2010
				
Product Narrative	Monopole, ground plane antenna. Has grounded radiator to guard against proximity lightning strike. Omnidirectional. Field tunable.	Omnidirectional, fiberglass antenna. Shunt-fed coaxial design. Designed with a narrow bandwidth for specific spot frequency use. Specify frequency*	Field tunable, monopole antenna. Omnidirectional. Designed for wide bandwidth and dependable performance. Can be reused and retuned as needed.	1/2 wave antenna has shunt fed transformer for direct ground. Field tunable. Omnidirectional.
General Freq. (MHz)	25-88	25-88	30-50	30-54
Gain (dB)	Unity	Unity	Unity	Unity
Bandwidth >1.5 VSWR	0.6	0.4	1.2 @ 40 MHz	0.6/30 MHz 0.8/40 MHz
Maximum Input Power (Watts)	500	250	300	500
H. Beamwidth (-3dB)	N/A	N/A	Omni	Omni
Vert. Beamwidth (-3dB)	76 Deg.	75 Deg.	87 Deg.	75 Deg.
Front to Back Ratio (dB)	N/A	N/A	N/A	N/A
Lightning Prot.	Direct Ground	Direct Ground	DC Ground	Direct Ground
Direct Termination	n/a	UHF Female	None	UHF Female
Flexible Extension	n/a	18" Jumper/N Male	Harness with N male	None
Mount Hdw. Incl.	46 Clamp Set	46 Clamp Set	Two Clamps	Bracket/U Bolts
Overall Length	Varies w/ Frequency	Varies w/ Frequency	8.16'	19.2'/30 MHz 14.75'/40 MHz
Element Housing Length	Varies w/ Frequency	Varies w/ Frequency	N/A	N/A
Support Pipe Dia.	1.3125"	1.66"	1.9"	1 1/4"
Support Pipe Length	2'	1'	N/A	N/A
Weight	36.0 Lbs.	24 Lbs.	15 Lbs.	8 Lbs.
Rated Wind Velocity (MPH)	N/A	N/A	100	67 @30 MHz 88@40 MHz
Wind Load, (sq ft)	Varies w/ Frequency	Varies w/ Frequency	No Spec	1.3/30 MHz
Lateral Thrust @ RWV (lbs)	N/A	N/A	179 Lbs at 40 MHz	34.3 Lbs at 40 MHz
Bend Moment @ RWV (lbs)	Varies w/ Frequency	Varies w/ Frequency	N/A	138 Ft.Lbs. at 40 MHz
Warranty	5 Years	5 Years	2 Years	1 Year
TESSCO Part No.	**32195** *30-54 MHz	**36467** *30-35 MHz	**81223** *30-50 MHz	**11385** *30-40 MHz
List Price: T-1 Price:	$598.00 $455.68	**74860** *35-42 MHz	$344.00 $285.52	**49778** *40-54 MHz
Ship lb.: T-2 Price:	24 lb. $448.50	**60397** *42-54 MHz	30 lb. $271.76	$270.00 $203.85
Ship kg.: T-3 Price:	10.91 kg. $439.53	$690.00 $525.78	13.64 kg. $261.44	11 lb. $199.80
		24 lb. $517.50		5.00 kg. $195.75
		10.91 kg. $507.15		

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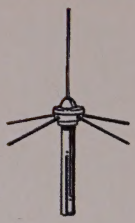
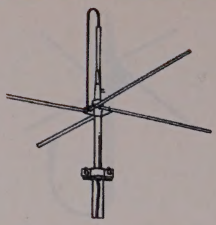
Antennas, Base Station

30-50 MHz, Ground Plane, Coaxial [340-17]

Manufacturer Table	Sinclair SRL-101C	Antenna Specialists ASP636	Decibel Products DB201	Decibel Products DB205
				
Product Narrative	Rugged antenna designed for severe weather conditions. Driven element at ground potential & ground rods are sand damped to reduce vibration. Specify Frequency*	1/4 wave, ground plane antenna has high power cabability. Omnidirectional. Field tunable.	Heavy-duty, folded monopole ground plane antenna. Omni directional. Can be mounted to the tower top, pole or building. Field Tunable	Coaxial, 1/2-wave dipole antenna Withstands rough handling. No radials required. Omnidirectional Field tunable.
General Freq. (MHz)	30-88	30-54	30-50	33-50
Gain (dB)	Unity	Unity	Unity	Unity
Bandwidth >1.5 VSWR	1.0 @40 MHz	3	0.6/30 MHz 1.0/50 MHz	0.6@30 MHz, 1.0@50 MHz
Maximum Input Power (Watts)	450	1000	500	500
H. Beamwidth (-3dB)	Omni	N/A	Omni	N/A
Vert. Beamwidth (-3dB)	87 Deg.	120 Deg.	78 Deg.	78 Deg.
Front to Back Ratio (dB)	N/A	N/A	N/A	N/A
Lightning Prot.	Direct Ground	Gap Type Arr.	Direct Ground	Direct Ground
Direct Termination	None	UHF Female	None	None
Flexible Extension	Harness with N male	None	18" Jumper/N Male	18" Jumper/N Male
Mount Hdw. Incl.	Two Clamps	None	DB365 Clamps	DB365 Clamps
Overall Length	9.58'	8.2'@30 MHz 4.5'@40 MHz	8.42'/35 MHz 6.50'/50 MHz	18.0'@30 MHz 17.1'@50 MHz
Element Housing Length	N/A	N/A	6.4'/30 MHz	N/A
Support Pipe Dia.	1.9"	1 1/4"	1 5/16"	1"
Support Pipe Length	N/A	N/A	24"	24"
Weight	35 Lbs.	7 Lbs.	24 Lbs.	38 Lbs.
Rated Wind Velocity (MPH)	100	125	93	110 @30 MHz, 125 @50 MHz
Wind Load, (sq ft)	No Spec	0.3	1.1/30 MHz	1.2@35 MHz
Lateral Thrust @ RWV (lbs)	108 Lbs.@40 MHz	12.1 Lbs.	45 Lbs. at 30 MHz	50 Lbs.@35 MHz
Bend Moment @ RWV (lbs)	N/A	14.7 Ft.Lbs.	N/A	188 Ft.Lbs.@35 MHz
Warranty	2 Years	1 Year	1 Year	1 Year
TESSCO Part No.	**29290** *30-50 MHz	**71011** *30-54 MHz	**76185** *32-42 MHz	**36543** *33-50 MHz
List Price: T-1 Price:	$520.00 $431.60	$235.00 $177.43	$450.00 $339.75	$455.00 $343.53
Ship lb.: T-2 Price:	65 lb. $410.80	6 lb. $173.90	29 lb. $333.00	46 lb. $336.70
Ship kg.: T-3 Price:	29.54 kg. $395.20	2.73 kg. $170.38	13.18 kg. $326.25	20.91 kg. $329.88

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^ = Field tunable to exact frequency * = Specify frequency when ordering

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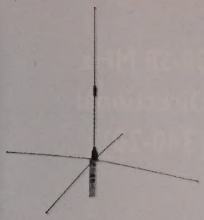
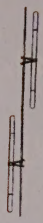
Antennas, Base Station

Radiall/Larsen BSA45C	Cushcraft/Signals BR Series	Cushcraft/Signals CRS Series	Manufacturer Table	Decibel Products DB212-2
			**30-50 MHz, Dipole [340-19]**	
Economical omnidirectional base antenna. Consists of a mobile antenna on a Kulrod plated, stainless steel radial kit. Field tunable.	Heavy duty omnidirectional "Ringo". Halfwave, end fed. No radial design. Base section is double thickness seamless tubing. Field tunable.	2 dB gain "Rugged Ringo". Halfwave, end fed, omnidirectional. No radial design allows top or side mounting. Field tunable.	Product Narrative	Dual element, side mount antenna. 2.5dB/ 5.0dB gain. Has fewer problems with lightning and static than top mounted antennas. Specify frequency.*
45-50	25-50	25-84	General Freq. (MHz)	33-88
Unity	2	2	Gain (dB)	2.5/5.0
1.0@40 MHz	500 kHz	500 kHz	Bandwidth for >1.5 to 1 VSWR	0.6/30 MHz 1.0/50 MHz
200	500	250	Maximum Input Power (Watts)	500
N/A	N/A	N/A	H. Beamwidth (-3dB)	N/A
78 Deg.	N/A	N/A	Vert. Beamwidth (-3dB)	Installation dependent
N/A	N/A	N/A	Front to Back Ratio (dB)	N/A
Direct Ground	Direct Ground	Direct Ground	Lightning Prot.	Direct Ground
UHF Female	UHF Female	UHF Female	Direct Termination	None
None	None	None	Flexible Extension (Included)	None
Bracket/Hose Clamps	Clamps	Clamps	Mount Hdw. Incl.	Stainless straps
51"@ 45 MHz	14'	14'	Overall Length	40.0'/30 MHz 31.0'/50 MHz
N/A	N/A	N/A	Element Housing Length	N/A
N/A	1-1/4"	7/8"	Support Pipe Dia.	N/A
N/A	N/A	N/A	Support Pipe Length	N/A
3 Lbs.	8 Lbs.	4 Lbs.	Weight	47 Lbs.
100	115	90	Rated Wind Velocity (RWV)	125 MPH
	1.73	0.83	Wind Load, (sq ft)	2.9/35 MHz 1.9/50 MHz
	N/A	N/A	Lateral Thrust @ RWV (lbs)	116 Lbs. at 35 MHz
	N/A	N/A	Bending Moment @ RWV (ft lbs)	N/A
3 Years	1 Year	1 Year	Warranty	1 Year
13299 *45-50 MHz	**50464** *30-40 MHz	**10822** *33-44 MHz	**TESSCO Part No.**	**71855** *33-42 MHz
$163.35 $106.17	$266.70 $192.01	$152.15 $109.52	List Price: T-1 Price:	$807.00 $609.29
3 lb. $98.00	12 lb. $186.67	6 lb. $106.48	Ship lb.: T-2 Price:	47 lb. $597.18
1.36 kg. $89.84	5.45 kg. $181.34	2.73 kg. $103.44	Ship kg.: T-3 Price:	21.36 kg. $585.08
	88857 *42-50 MHz	**49215** *44-50 MHz		
	$266.70 $192.01	$152.15 $109.52		
	7.25 lb. $186.67	4 lb. $106.48		
	3.30 kg. $181.34	1.82 kg. $103.44		

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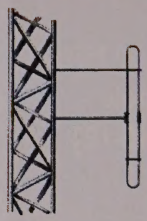
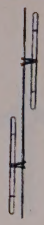
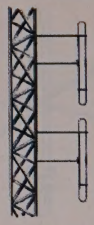
Manufacturer Table	Sinclair SRL-110A	Decibel Products DB212-4	Sinclair SRL-110A-2	Manufacturer Table
30-50 MHz, Dipole [340-19]				**30-50 MHz Directional [340-20]**
Product Narrative	Single broadband dipole for side mounting on a support structure. The pattern and gain are determined by spacing of dipole from tower. Specify frequency.*	Four element, side mount antenna. 5.0dB omni/7.5dB offset gain. Has fewer problems with lightning & static than top mounted antennas. Specify frequency.*	Dual broadband dipole for side mounting on a support structure. The shape of the pattern & gain are determined by spacing of the dipoles. Specify frequency.*	Product Narrative
General Freq. (MHz)	30-88	30-50	30-76	General Freq. (MHz)
Gain (dB)	3	5.0/7.5	6	Gain (dB)
Bandwidth for >1.5 to 1 VSWR	3.5@35 MHz	0.6@30 MHz 1.0@50 MHz	7.2@72 MHz	Bandwidth >1.5 VSWR
Maximum Input Power (Watts)	300	500	300	Maximum Input Power (Watts)
H. Beamwidth (-3dB)	Offset	N/A	Offset	H. Beamwidth (-3dB)
Vert. Beamwidth (-3dB)	68 Deg.	Installation dependent	34 Deg.	Vert. Beamwidth (-3dB)
Front to Back Ratio (dB)	N/A	N/A	N/A	Front to Back Ratio (dB)
Lightning Prot.	Direct Ground	Direct Ground	Direct Ground	Lightning Prot.
Direct Termination	None	None	None	Direct Termination
Flexible Extension (Included)	Harness, N male	18" jumper, N male	Harness, N male	Flexible Extension
Mount Hdw. Incl.	Clamps not incl.	Stainless straps	Clamps not incl.	Mount Hdw. Incl.
Overall Length	15.8'	86'@30 MHz, 69'@50 MHz	39.4'@30 MHz	Overall Length
Element Housing Length	N/A	N/A	N/A	Element Housing Length
Support Pipe Dia.	N/A	N/A	N/A	Support Pipe Dia.
Support Pipe Length	N/A	N/A	N/A	Support Pipe Length
Weight	25 Lbs.	74 Lbs.	60 Lbs.	Weight
Rated Wind Velocity (RWV)	100 MPH	125 MPH	100 MPH	Rated Wind Velocity (MPH)
Wind Load, (sq ft)	N/A	5.8@30 MHz, 3.8@50 MHz	N/A	Wind Load, (sq ft)
Lateral Thrust @ RWV (lbs)	200 Lbs.	232 Lbs.	400 Lbs.	Lateral Thrust @ RWV (lbs)
Bending Moment @ RWV (ft lbs)	N/A	N/A	N/A	Bend Moment @ RWV (lbs)
Warranty	2 Years	1 Year	2 Years	Warranty
TESSCO Part No.	**41255** *30-40 MHz	**56726** *30-50 MHz	**26792** *30-40 MHz	**TESSCO Part No.**
List Price: T-1 Price:	$520.00 $431.60	$1,890.00 $1,426.95	$1,252.00 $1,039.16	List Price: T-1 Price:
Ship lb.: T-2 Price:	45 lb. $410.80	96 lb. $1,398.60	85 lb. $989.08	Ship lb.: T-2 Price:
Ship kg.: T-3 Price:	20.45 kg. $395.20	43.63 kg. $1,370.25	38.63 kg. $951.52	Ship kg.: T-3 Price:
	38757 *40-88 MHz			
	$520.00 $431.60			
	25 lb. $410.80			
	11.36 kg. $395.20			

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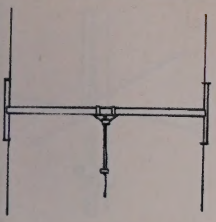
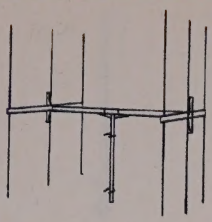
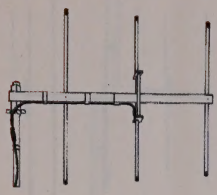
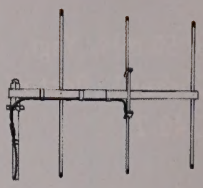
30-50 MHz, Yagi, Corner Reflector [340-21]

	Decibel Products DB214	Decibel Products DB286	Manufacturer Table	Decibel Products DB230	Decibel Products DB230-2
					
Product Narrative	Bidirectional antenna consisting of (2) vertical half-wave radiators fed in phase through a cable transformer. 3.6dB gain in each direction. Specify frequency.*	Bidirectional antenna consisting of (2) 3 element yagi antennas spaced 1/2 wavelength apart producing a 5.5dB gain pattern in each direction. Specify frequency.*		Broad directional, 3 element yagi antenna. Can be mounted to top or side of tower or wood pole. Orientation not critical. *Specify Frequency	Two stack, 3 element directional yagi antenna. Orientation not critical. Spacing of 3/4 to 1 wavelength is recommended. *Specify Frequency
General Freq. (MHz)	30-50	33-50		33-50	30-50
Gain (dB)	3.6	5.5		7	10
Bandwidth >1.5 VSWR	2.8@30 MHz, 4.0@50 MHz	0.5@35 MHz, 1.0@50 MHz		0.5@30 MHz	0.5@30 MHz, 0.7@50 MHz
Maximum Input Power (Watts)	500	500		500	500
H. Beamwidth (-3dB)	60 Deg.	43 Deg.		76 Deg.	76 Deg.
Vert. Beamwidth (-3dB)	N/A	N/A		95 Deg.	95 Deg.
Front to Back Ratio (dB)	N/A	18 dB		17 dB	17 dB
Lightning Prot.	Direct Ground	Direct Ground		Direct Ground	Direct Ground
Direct Termination	None	None		None	None
Flexible Extension	18" Jumper, N Male	18" Jumper, N Male		Short Jumper, N Male	Short Jumper, N Male
Mount Hdw. Incl.	Y Bracket/Clamps	Y Bracket/Clamps		Y-bracket & clamps	1/2 Y-Bracket/Clamp
Overall Length	13.7'x14.6'@30 MHz, 9.6'x10.5'@50 MHz	14'x14'x12'@35 MHz, 10'x10'x8'@50 MHz		13.6'x10.5'@30 MHz	13.6'x10.5'@30 MHz,9.7'x8'@50 MHz
Element Housing Length	N/A	N/A		N/A	N/A
Support Pipe Dia.	2"	2"		2"	2"
Support Pipe Length	N/A	N/A		N/A	N/A
Weight	76 Lbs@35MHz	125Lbs@35MHz		57 Lbs.	114 Lbs.
Rated Wind Velocity (MPH)	100 MPH@35 MHz,125 MPH@50 MHz	110 MPH@35 MHz,125 MPH@50 MHz		110 MPH@35 MHz	110 MPH@35 MHz,125 MPH@/50 MHz
Wind Load, (sq ft)	5.9@30 MHz	8.76@35 MHz		4.74@35 MHz	N/A
Lateral Thrust @ RWV (lbs)	243 @35 MHz,159@50 MHz	340 @35 MHz, 200@50 MHz		189 Lbs@35 MHz	N/A
Bend Moment @ RWV (lbs)	N/A	N/A		N/A	N/A
Warranty	1 Year	1 Year		1 Year	1 Year
TESSCO Part No.	**66193** *30-50 MHz	**97816** *33-50 MHz		**16559** *33-41 MHz	**56201** *30-50 MHz
List Price: T-1 Price:	$1,190.00 $898.45	$1,450.00 $1,094.75		**93345** *41-46 MHz	$1,580.00 $1,192.90
Ship lb.: T-2 Price:	160 lb. $880.60	175 lb. $1,073.00		**41738** *46-50 MHz	180 lb. $1,169.20
Ship kg.: T-3 Price:	72.72 kg. $862.75	79.54 kg. $1,051.25		$799.00 $603.25	81.81 kg. $1,145.50
				88 lb. $591.26	
				40.00 kg. $579.28	

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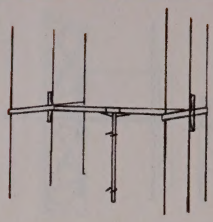
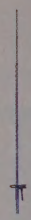
Antennas, Base Station

Manufacturer Table	Decibel Products DB286	Manufacturer Table	RFS Celwave 1142-3	Cushcraft/Signals CRS Series
30-50 MHz, Yagi, Corner Reflector [340-21]		**66-88 MHz, Ground Plane, Coaxial [340-24]**		
Product Narrative	Two 3 element yagi antennas phased together to produce 10dB gain. Can be mounted to the top or side of a tower. Ideal for point to point applications. *Specify Frequency	Product Narrative	Omnidirectional, fiberglass antenna. Shunt-fed coaxial design. Designed with a narrow bandwidth for specific spot frequency use. Specify frequency*	2 dB gain "Rugged Ringo". Halfw end fed, omnidirectional. No ra design allows top or side moun Field tunable.
General Freq. (MHz) Gain (dB) Bandwidth >1.5 VSWR Maximum Input Power (Watts)	33-50 10 0.5@35 MHz, 1.0@50 MHz 500	General Freq. (MHz) Gain (dB) Bandwidth >1.5 VSWR Maximum Input Power (Watts)	25-88 Unity 0.9 250	72-78 2 1.5 250
H. Beamwidth (-3dB) Vert. Beamwidth (-3dB) Front to Back Ratio (dB)	43 Deg. N/A 18 dB	H. Beamwidth (-3dB) Vert. Beamwidth (-3dB) Front to Back Ratio (dB)	N/A 75 Deg. N/A	Omni N/A N/A
Lightning Prot. Direct Termination Flexible Extension Mount Hdw. Incl.	Direct Ground None Short Jumper, N Male 1/2 Y-Bracket/Clamp	Lightning Prot. Direct Termination Flexible Extension Mount Hdw. Incl.	Direct Ground UHF Female 18" Jumper, N Male 46 Clamp Set	DC Ground UHF Female None Clamps
Overall Length Element Housing Length Support Pipe Dia. Support Pipe Length Weight	14'x14'x12'@35 MHz,10'x10'x8'@50 MHz N/A 2" N/A 125 Lbs.	Overall Length Element Housing Length Support Pipe Dia. Support Pipe Length Weight	8.6' 7.6' 1.66" 1' 25 Lbs.	10.5' N/A 7/8" N/A 4 Lbs.
Rated Wind Velocity (MPH) Wind Load, (sq ft) Lateral Thrust @ RWV (lbs) Bend Moment @ RWV (lbs) Warranty	110 MPH@35 MHz,125 MPH@/50 MHz 8.76@35 MHz 340 Lbs@35 MHz,200 Lbs@50 MHz N/A 1 Year	Rated Wind Velocity (MPH) Wind Load, (sq ft) Lateral Thrust @ RWV (lbs) Bend Moment @ RWV (lbs) Warranty	N/A .048 19.2 75 5 Years	90 MPH 0.83 N/A N/A 1 Year
TESSCO Part No.	**21030** *33-41 MHz	**TESSCO Part No.**	**486012** *66-88 MHz	**87608** *72-78 MHz
List Price: T-1 Price:	$1,850.00 $1,396.75	List Price: T-1 Price:	$650.00 $495.30	$152.15 $109.52
Ship lb.: T-2 Price:	175 lb. $1,369.00	Ship lb.: T-2 Price:	25 lb. $487.50	6 lb. $106.48
Ship kg.: T-3 Price:	79.54 kg. $1,341.25	Ship kg.: T-3 Price:	11.36 kg. $477.75	2.73 kg. $103.44

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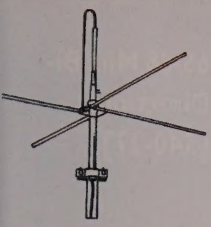
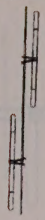
66-88 MHz, Dipole [340-26]

Decibel Products DB201	Decibel Products DB205	Manufacturer Table	Decibel Products DB212-2	Decibel Products DB212
				
Heavy-duty, monopole ground plane antenna. Omnidirectional. Suitable for mounting a top a tower, pole or building. Specify frequency.*	Coaxial, 1/2-wave dipole antenna. Omnidirectional. No ground radials required. Can absorb severe vibration & withstand rough handling. Field tunable.	Product Narrative	Dual element, side mount antenna. 2.5dB/ 5.0dB gain. Has fewer problems with lightning and static than top mounted antennas. Specify frequency.*	Single element, side mount antenna. 2.8dB offset gain. Has fewer problems with lightning and static than top mounted antennas. Specify frequency.*
66-88 Unity 1.4@70 MHz 500	66-88 Unity 1.4@72 MHz 500	General Freq. (MHz) Gain (dB) Bandwidth for >1.5 to 1 VSWR Maximum Input Power (Watts)	66-88 2.5/5.0 1.4@70 MHz 500	72-88 2.8 1.44@72 MHz 500
N/A 78 Deg. N/A	N/A 78 Deg. N/A	H. Beamwidth (-3dB) Vert. Beamwidth (-3dB) Front to Back Ratio (dB)	N/A Installation dependent N/A	N/A Installation dependent N/A
Direct Ground None Not included DB365 Clamp	Direct Ground None Not included DB365 Clamp	Lightning Prot. Direct Termination Flexible Extension (Included) Mount Hdw. Incl.	Direct Ground None Short jumper,N male V-Bolt Mount	Direct Ground None 18" jumper,N male V-Bolt Mount
6.50'@70 MHz N/A 1 5/16" 24" 22 Lbs.	9.92'@72 MHz N/A 1" 24" 27 Lbs.	Overall Length Element Housing Length Support Pipe Dia. Support Pipe Length Weight	31.0'@50 MHz N/A N/A N/A 27 Lbs.	6.5'x2.5' N/A N/A N/A 11.6 Lbs.
122 MPH 0.8 32 Lbs. N/A 1 Year	125 MPH 0.7 29 Lbs. 50 Ft. Lbs. 1 Year	Rated Wind Velocity (RWV) Wind Load, (sq ft) Lateral Thrust @ RWV (lbs) Bending Moment @ RWV (ft lbs) Warranty	125 MPH 2.9@30 MHz 116 Lbs.@35 MHz N/A 1 Year	125 .58 21.6 Lbs.@70 MHz N/A 1 Year
64220 *66-88 MHz	**49757** *72-88 MHz	**TESSCO Part No.**	**71189** *72-88 MHz	**80656** *72-88 MHz
List Price: $472.00 T-1 Price: $356.36	$485.00 $366.18	List Price:	$807.00 $609.29	**29049** *72.02-72.98 MHz
Ship lb.: 19 lb. T-2 Price: $349.28	19 lb. $358.90	Ship lb.:	30 lb. $597.18	$485.00 $366.18
Ship kg.: 8.64 kg. T-3 Price: $342.20	8.64 kg. $351.63	Ship kg.:	13.64 kg. $585.08	18 lb. $358.90 8.18 kg. $351.63

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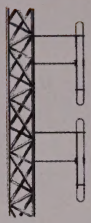
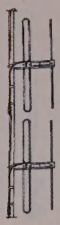
Manufacturer Table	Decibel Products DB225	Sinclair SRL-110A-2	Decibel Products DB225-2	Manufacturer Table
66-88 MHz, Dipole [340-26]				**66-88 Mhz Bi-Directional [340-27]**
Product Narrative	Side mounted dipole with director element. Semi-circular pattern. 5dB gain. Heavy duty. Must mount to metal. Specify frequency.*	Dual broadband dipole for side mounting on a support structure. The shape of the pattern & gain are determined by spacing of the dipoles. Specify frequency.*	Two stack, two element directional antenna. 8dB gain. Semi-circular pattern. Must be mounted on and work against parallel metal member. Specify frequency.*	Product Narrative
General Freq. (MHz)	66-88	30-76	66-88	General Freq. (MHz)
Gain (dB)	5	6	8	Gain (dB)
Bandwidth for >1.5 to 1 VSWR	0.75	7.2@72 MHz	0.75	Bandwidth >1.5 VSWR
Maximum Input Power (Watts)	500	300	500	Maximum Input Power (Watts)
H. Beamwidth (-3dB)	120 Deg.	Offset	120 Deg.	H. Beamwidth (-3dB)
Vert. Beamwidth (-3dB)	N/A	34 Deg.	N/A	Vert. Beamwidth (-3dB)
Front to Back Ratio (dB)	18 dB	N/A	18 dB	Front to Back Ratio (dB)
Lightning Prot.	Direct Ground	Direct Ground	Direct Ground	Lightning Prot.
Direct Termination	None	None	None	Direct Termination
Flexible Extension (Included)	Short jumper,N male	Harness,N male	Short jumper,N male	Flexible Extension
Mount Hdw. Incl.	1/2T bracket/clamp	Clamps not incl.	1/2T bracket/clamp	Mount Hdw. Incl.
Overall Length	6.5'x2.5'	39.5'@30 MHz.	6.5'x2.5'	Overall Length
Element Housing Length	N/A	N/A	N/A	Element Housing Length
Support Pipe Dia.	2"	N/A	2"	Support Pipe Dia.
Support Pipe Length	N/A	N/A	N/A	Support Pipe Length
Weight	27 Lbs.	60 Lbs.	75 Lbs.	Weight
Rated Wind Velocity (RWV)	125 MPH	100 MPH	125 MPH	Rated Wind Velocity (MPH)
Wind Load, (sq ft)	1.36	N/A	2.72	Wind Load, (sq ft)
Lateral Thrust @ RWV (lbs)	54 Lbs.	400 Lbs.	108 Lbs.	Lateral Thrust @ RWV (lbs)
Bending Moment @ RWV (ft lbs)	N/A	N/A	N/A	Bend Moment @ RWV (lbs)
Warranty	1 Year	2 Years	1 Year	Warranty
TESSCO Part No.	**58699** *66-88 MHz	**65185** *40-76 MHz	**21555** *66-88 MHz	**TESSCO Part No.**
List Price: T-1 Price:	**32271** *72.14-72.86 MHz	$1,252.00 $1,039.16	$970.00 $732.35	List Price: T-1 Price
Ship lb.: T-2 Price:	**35396** *72.38-73.10 MHz	85 lb. $989.08	80 lb. $717.80	Ship lb.: T-2 Price
Ship kg.: T-3 Price:	**48610** *75.33-76.07 MHz	38.63 kg. $951.52	36.36 kg. $703.25	Ship kg.: T-3 Price
	$500.00 $377.50			
	40 lb. $370.00			
	18.18 kg. $362.50			

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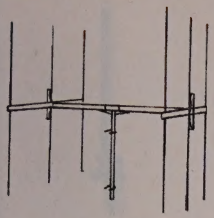
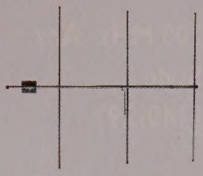
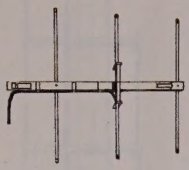
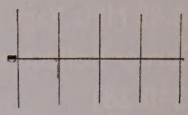
66-88 MHz, Yagi/ Corner Reflector [340-28]

	Decibel Products DB286	Maxrad, Inc MYA723K	Decibel Products DB230	Maxrad, Inc MYA725K
				
Product Narrative	Two 3 element yagi antennas phased together to produce 10dB gain. Can be mounted to the top or side of a tower. Ideal for point-to-point applications. Specify frequency.*	3 element directional yagi. Element mounting holes are threaded to provide positive lock and RF connection. Field tunable.	Broad directional, 3 element yagi antenna. Can be mounted to the top or side of a tower or wood pole. Orientation not critical since gain in broad. Field tunable.	5 element directional yagi. Element mounting holes are threaded to provide positive lock and RF connection. Field tunable.
General Freq. (MHz)	66-88	68-88	66-88	68-88
Gain (dB)	10	7	7	10
Bandwidth >1.5 VSWR	1.5@74 MHz	0.7	1.0@74 MHz	1.3@68 MHz
Maximum Input Power (Watts)	500	1000	500	1000
H. Beamwidth (-3dB)	43 Deg.	72 Deg.	76 Deg.	56 Deg.
Vert. Beamwidth (-3dB)	N/A	57 Deg.	95 Deg.	48 Deg.
Front to Back Ratio (dB)	18 dB	15 dB	17 dB	15 dB
Lightning Prot.	Direct Ground	Direct Ground	Direct Ground	Direct Ground
Direct Termination	None	None	None	None
Flexible Extension	18" Jumper, N Male	Jumper, UHF Female	Short Jumper, N Male	Jumper, UHF Female
Mount Hdw. Incl.	T Mount	MYK-9 Clamps	1/2 T Type Bracket	MYK-9 Clamps
Overall Length	7'X7'X6'@74 MHz	7.66'	6.6'x6.5'@74 MHz	14.17'
Element Housing Length	N/A	N/A	N/A	N/A
Support Pipe Dia.	2"	1.50"	2"	1.50"
Support Pipe Length	N/A	N/A	N/A	N/A
Weight	41Lbs@74 MHz	7 Lbs.	27 Lbs.	10 Lbs.
Rated Wind Velocity (MPH)	125 MPH@74 MHz	100 MPH	125 MPH	100 MPH
Wind Load, (sq ft)	3.41@74 MHz	1.26	2.28@74 MHz	2.37
Lateral Thrust @ RWV (lbs)	136 Lbs.@74 MHz	48.9 Lbs.	91 Lbs.@74 MHz	90.3 Lbs.
Bend Moment @ RWV (lbs)	N/A	155 Ft.Lbs.	N/A	640 Ft.Lbs.
Warranty	1 Year	2 Years	1 Year	2 Years
TESSCO Part No.	**32995** *66-88 MHz	**40968** *66-88 MHz	**52454** *72-76 MHz	**79361** *66-88 MHz
List Price: T-1 Price:	$1,105.00 $834.28	$505.90 $257.99	$539.00 $406.95	$677.95 $345.74
Ship lb.: T-2 Price:	607 lb. $817.70	12 lb. $247.88	40 lb. $398.86	15 lb. $332.18
Ship kg.: T-3 Price:	275.88 kg. $801.13	5.45 kg. $237.76	18.18 kg. $390.78	6.82 kg. $318.62
			80131 *72-76 MHz	
			65668 *72.02-72.98 MHz	
			14061 *75.0-76.0 MHz	
			$525.00 $396.38	
			40 lb. $388.50	
			18.18 kg. $380.63	

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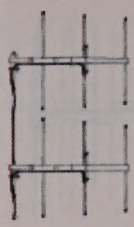
Manufacturer Table	Decibel Products DB230-2-E	Manufacturer Table	Antenex VG2000	Astron Wireless Tech. V-2200
66-88 MHz, Yagi/ Corner Reflector [340-28]		**200 MHz , Any Style [340-29]**		
Product Narrative	Two, 3 element yagi antennas phased together to provide 10dB of directional gain. Specify frequency.*	Product Narrative	Economical "Voyager" omnidirectional unity gain .Ideal for light duty 220 applications.	Unity gain fiberglass ant. All brass internal radiator provides clean radiation pattern. Heavy wall alum. support mast. Environmental gray for discreet install.
General Freq. (MHz)	66-88	General Freq. (MHz)	200-225	218-222
Gain (dB)	10	Gain (dB)	Unity	Unity
Bandwidth >1.5 VSWR	1.0	Bandwidth >1.5 VSWR	25	4
Maximum Input Power (Watts)	500	Maximum Input Power (Watts)	250	100
H. Beamwidth (-3dB)	76 Deg.	H. Beamwidth (-3dB)	N/A	Omni
Vert. Beamwidth (-3dB)	95 Deg.	Vert. Beamwidth (-3dB)	80 deg.	78 Deg.
Front to Back Ratio (dB)	17 dB	Front to Back Ratio (dB)	N/A	N/A
Lightning Prot.	Direct Ground	Lightning Prot.	Direct Ground	Direct Ground
Direct Termination	None	Direct Termination	N Female	None
Flexible Extension	Short Jumper, N Male	Flexible Extension	None	1' RG58 w/ N Female
Mount Hdw. Incl.	1/2 Y-Bracket/Clamp	Mount Hdw. Incl.	None	Bracket & V-bolts
Overall Length	6.5'x 6.5' per antenna	Overall Length	55"	4'
Element Housing Length	N/A	Element Housing Length	N/A	42"
Support Pipe Dia.	2"	Support Pipe Dia.	N/A	1 1/8"
Support Pipe Length	N/A	Support Pipe Length	N/A	6"
Weight	55 Lbs.	Weight	2 Lbs.	3 Lbs.
Rated Wind Velocity (MPH)	125 MPH	Rated Wind Velocity (MPH)	100 MPH	125 MPH
Wind Load, (sq ft)	3.98	Wind Load, (sq ft)	N/A	.245
Lateral Thrust @ RWV (lbs)	189 Lbs.@30 MHz	Lateral Thrust @ RWV (lbs)	N/A	No Spec
Bend Moment @ RWV (lbs)	N/A	Bend Moment @ RWV (lbs)	N/A	No Spec
Warranty	1 Year	Warranty	2 Years	2 Years
TESSCO Part No.	**42987** *66-88 MHz	**TESSCO Part No.**	**51640** *200-225 MHz	**83503** *218-222 MHz
List Price: T-1 Price:	$1,100.00 $830.50	List Price: T-1 Price:	$208.50 $120.10	$184.00 $165.60
Ship lb.: T-2 Price:	80 lb. $814.00	Ship lb.: T-2 Price:	5 lb. $99.88	6 lb. $156.40
Ship kg.: T-3 Price:	36.36 kg. $797.50	Ship kg.: T-3 Price:	2.27 kg. $93.41	2.73 kg. $150.88

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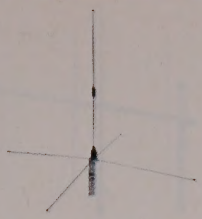
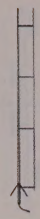
Antennas, Base Station

Antenex FG2200	Radiall/Larsen BSA220 C	Antenex FG2203	RFS Celwave 220-8	Cushcraft/Signals CRX220B
				
Economical fiberglass omnidirectional unity gain. Gold anodized support pipe. Ideal for light duty applications.	Economy, end fed, halfwave antenna. Stainless steel radiators for maximum performance. Field tunable.Omnidirectional. Chrome and black.	Economical fiberglass omnidirectional 3 dB gain. Gold anodized support pipe.Ideal for light duty applications.	Omnidirectional, fiberglass. 5.25 dB gain. Broad frequency response good for duplexed 220 MHz systems. Available with 6 degree downtilt.	6 dB gain "Ringo Ranger II" Field tunable. May be mounted on any vertical tubular support up to 1- 1/4" dia.
220-225	200-265	220-225	136-225	220-222
Unity	3	3	6	6
5 MHz	2%	5	Varies w/ Frequency	5
250	200	250	500	250
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	16 Deg.	N/A
N/A	N/A	N/A	N/A	N/A
DC Ground	DC Ground	Direct Ground	Direct Ground	DC Ground
N Female	UHF Female	N Female	UHF Female	UHF Female
None	None	None	N Male/18" Jumper	None
None	Bracket & clamps	None	46 clamp set	Clamps
68"	2.81'	106"	19'	9'
N/A	N/A	N/A	16.8'	N/A
N/A	N/A	N/A	2.75"	1 1/4"
N/A	N/A	N/A	26.4"	N/A
4 Lbs.	2 Lbs.	4 Lbs.	23	5 Lbs.
100 MPH	100 MPH	100 MPH	100 MPH	80 mph
N/A	No Spec	N/A	1.98	.95
N/A	N/A	N/A	71 Lbs.	N/A
N/A	N/A	N/A	595 Ft.Lbs.	N/A
2 Years	6 Months	2 Years	5 Years	1 Year
49217 *220-225 MHz	**10663** *220-225 MHz	**93459** *220-225 MHz	**82872** *216-225 MHz	**12523** *220-222 MHz
$156.00 $89.86	$93.35 $60.67	$240.75 $138.66	**42564** *220-225 MHz	$144.50 $104.03
4 lb. $74.73	1.26 lb. $56.00	4 lb. $115.31	$790.00 $601.98	6 lb. $101.14
1.82 kg. $69.89	0.57 kg. $51.34	1.82 kg. $107.85	58 lb. $592.50	2.73 kg. $98.25
			26.36 kg. $580.65	

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Antennas, Base Station

200 MHz ,Any Style [340-29]

Manufacturer Table	Decibel Products DB264-JJ	Decibel Products DB224-JJ	Sinclair SRL-229*12	Cushcraft/Signals P220 Series
Product Narrative	Lightweight, 4 bay exposed dipole. Field adjustable 6 dB omni or 9 dB offset pattern. Wiring harness enclosed in support pipe.	Four folded dipoles. Mounts to top or side of a tower. Can be arrayed for 6dB circular gain or 9dB offset pattern, field changeable.	Rugged high gain, omnidirectional antenna made to withstand severe conditions. Enclosed in fiberglass radome with lightning stud at top. Black radome.	4 element, 6.5 dB gain yagi. Elements are 3/16" dia. solid aluminum rod and booms are heavy wall aluminum tubing. Designed for rear mounting.
General Freq. (MHz)	220-225	220-222	220-225	220-222
Gain (dB)	6/9	6/9	6.1	6.5
Bandwidth >1.5 VSWR	5	5	5	5
Maximum Input Power (Watts)	500	500	300	400
H. Beamwidth (-3dB)	N/A	N/A	Omni	80 Deg.
Vert. Beamwidth (-3dB)	16 Deg.	16 Deg.	14 Deg.	65 deg.
Front to Back Ratio (dB)	N/A	N/A	N/A	18dB
Lightning Prot.	Direct Ground	Direct Ground	Direct Ground	Direct Ground
Direct Termination	N/A	N/A	None	UHF Female
Flexible Extension	Jumper with N Male	Jumper with N Male	Jumper with N Male	None
Mount Hdw. Incl.	DB365-OS Clamps	DB365-OS Clamps	Clamp set	U-Bolts
Overall Length	15.8'	193"	21.5'	3.0'
Element Housing Length	N/A	N/A	N/A	N/A
Support Pipe Dia.	2"	2'	N/A	N/A
Support Pipe Length	N/A	N/A	N/A	N/A
Weight	36 Lbs.	40lbs	25 Lbs.	3 Lbs.
Rated Wind Velocity (MPH)	100 MPH	100mph	125 MPH	125 MPH
Wind Load, (sq ft)	3.16	3.15	No Spec	0.43
Lateral Thrust @ RWV (lbs)	126 Lbs.	N/A	190 Lbs.	N/A
Bend Moment @ RWV (lbs)	N/A	N/A	N/A	N/A
Warranty	2 Years	2 Years	2 Years	1 Year
TESSCO Part No.	**87626** *220-225 MHz	**72892** *220-222 MHz	**57779** *220-225 MHz	**86548** *220-222 MHz
List Price: T-1 Price:	$675.00 $509.63	$615.00 $464.33	$1,096.00 $909.68	$96.35 $69.35
Ship lb.: T-2 Price:	59 lb. $499.50	48 lb. $455.10	50 lb. $865.84	5 lb. $67.43
Ship kg.: T-3 Price:	26.82 kg. $489.38	21.82 kg. $445.88	22.72 kg. $832.96	2.27 kg. $65.50

TESSCO TECHNOLOGIES®

^ = Field tunable to exact frequency * = Specify frequency when ordering

NORTH AMERICA 800-472-7373 FAX 410-527-0005
REST OF WORLD +1 410-229-1200 WWW.TESSCO.COM

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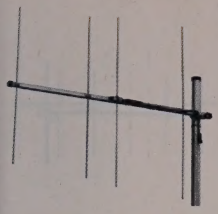
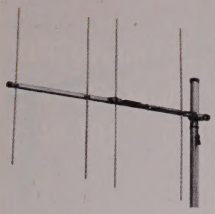
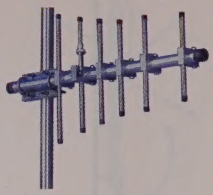
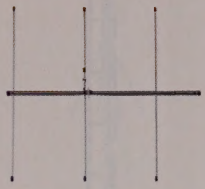
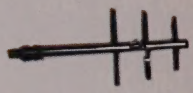
Antennas, Base Station

Astron Wireless Tech. 220-4	Astron Wireless Tech. 220-4H	Cushcraft/Signals PLC2206 Series	Maxrad, Inc MYA2203	Antenex YS2203
				
4 element yagi. 7dB gain. No tuning required. "Ever Sealed" feed is impervious to moisture and other harsh environments. Square boom construction.	4 element heavy duty yagi. 7dB gain. No tuning required. "Ever Sealed" feed is impervious to moisture, ice & harsh environments. Heavy duty construction.	Heavy duty, 6 element, end mounted yagi. Excellent forward gain and front to back ratio with clean patterns for greatest side rejection.	3-element yagi. 7.1 dB directional gain. Element mounting holes threaded to provide positive lock and RF connection.	7.1 dB gain 3 element silver series yagi antenna with element mounting holes threaded to provide positive RF connection.
215-225	215-225	220-222	220-250	220-250
7	7	7.1	7.1	7.1
10	10	8	3	30
125	125	400	250	500
90 Deg.	90 Deg.	74 Deg.	72 Deg.	72 Deg.
61 Deg.	61 Deg.	35 Deg.	57 Deg.	57 Deg.
15dB	15dB	20dB	17dB	17dB
Direct Ground	Direct Ground	Direct Ground	Direct Ground	Direct Ground
None	None	UHF Female	UHF Female	N Female
1.5' Jumper w/ UHF Male	1' RG58 w/ N Female	None	None	None
U-Bolts for 1 1/4" - 2" OD	U-Bolts for 1 1/4" - 2" OD	U-Bolts	MYK-1 Mount	U-Bolts
2.6'	2.6'	4.0'	3.5'	41.5"
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	7/8"	2"
N/A	N/A	N/A	N/A	N/A
2 Lbs.	3 Lbs.	6 Lbs.	3 Lbs.	3 Lbs.
125 MPH	125 MPH	125 MPH	100 MPH	100 MPH
.4	.4.	0.81	.21	0.36
No Spec	No Spec	N/A	9.1 Lbs.	14.5 lbs
No Spec	No Spec	N/A	16 Ft. Lbs.	25.3 FT lbs.
2 Years	2 Years	1 Year	2 Years	2 Years
37470 *215-225 MHz	**85404** *215-225 MHz	**34941** *220-222 MHz	**11293** *220-222 MHz	**25212** *220-250 MHz
$104.00 $93.60	$144.00 $129.60	$155.75 $112.12	$105.65 $52.82	$104.00 $59.91
2 lb. $88.40	5 lb. $122.40	12 lb. $109.00	5 lb. $50.71	5 lb. $49.82
0.91 kg. $85.28	2.27 kg. $118.08	5.45 kg. $105.89	2.27 kg. $48.60	2.27 kg. $46.60

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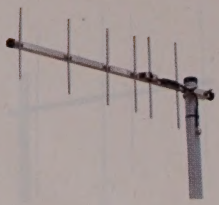
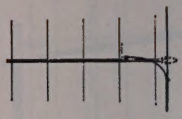
^ = Field tunable to exact frequency * = Specify frequency when ordering

Antennas, Base Station

200 MHz ,Any Style [340-29]

Manufacturer Table	Sinclair SRL-210C4*4*220	Sinclair SRL-210C4*2*220	Astron Wireless Tech. 220-6	Antenex Y2205
				
Product Narrative	Four dipole array with 1/4 wave element mast spacing creating an offset pattern. Cable harness is inside the mast and dipole booms.	Four dipole array with 1/2 wave element mast spacing creating a bi-directional pattern. Cable harness is inside the mast and dipole booms.	6 element yagi. 9dB gain. No tuning required. "Ever Sealed" feed is impervious to moisture,and other harsh environments. High strength square boom construction.	5 element yagi. Gold anodized.
General Freq. (MHz)	210-235	210-235	215-225	200-250
Gain (dB)	8-8.5	8-8.5	9	9.2
Bandwidth >1.5 VSWR	25	25	10	50
Maximum Input Power (Watts)	300	300	150	500
H. Beamwidth (-3dB)	210 Deg.	210 Deg.	66 Deg.	56 Deg.
Vert. Beamwidth (-3dB)	17 Deg.	17 Deg.	52 Deg.	48 Deg.
Front to Back Ratio (dB)	N/A	N/A	16dB	20dB
Lightning Prot.	DC Ground	DC Ground	Direct Ground	Direct Ground
Direct Termination	None	None	None	N Female
Flexible Extension	Jumper with N Male	Jumper with N Male	1.5' Jumper w/ N Fem	None
Mount Hdw. Incl.	ORDER CLAMPS SEP.	ORDER CLAMPS SEP.	U-Bolts for 1 1/4" - 2" OD	YM78 for 7/8" pipe
Overall Length	20'	20'	4.5'	72"
Element Housing Length	N/A	N/A	N/A	N/A
Support Pipe Dia.	2.4"	2.4"	N/A	2"
Support Pipe Length	N/A	N/A	N/A	N/A
Weight	59 Lbs.	59 Lbs.	3 Lbs.	7.0 Lbs.
Rated Wind Velocity (MPH)	100 MPH	100 MPH	125 MPH	100 MPH
Wind Load, (sq ft)	No Spec	No Spec	.465	0.71
Lateral Thrust @ RWV (lbs)	318 Lbs.	318 Lbs.	No Spec	27.6 Lbs.
Bend Moment @ RWV (lbs)	N/A	N/A	No Spec	82.7 Ft. Lbs.
Warranty	2 Years	2 Years	2 Years	2 Years
TESSCO Part No.	**28767** *210-235 MHz	**41981** *210-235 MHz	**75863** *215-225 MHz	**82470** *200-250 MHz
List Price: T-1 Price:	$960.00 $796.80	$960.00 $796.80	$134.00 $120.60	$408.35 $235.19
Ship lb.: T-2 Price:	100 lb. $758.40	90 lb. $758.40	2 lb. $113.90	7 lb. $195.58
Ship kg.: T-3 Price:	45.45 kg. $729.60	40.90 kg. $729.60	0.91 kg. $109.88	3.18 kg. $182.93

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^ = Field tunable to exact frequency * = Specify frequency when ordering
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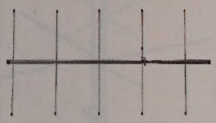
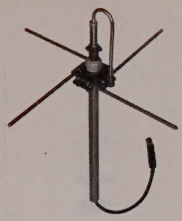
Maxrad, Inc MYA2205	Manufacturer Table	RFS Celwave 128	Sinclair SRL-238	Antenna Specialists ASP635
	**VHF Ground Plane, Coaxial [340-30]**			
5 element yagi. 9.2 dB directional gain. Element mounting holes threaded to provide positive lock and RF connection.	Product Narrative	Monopole, ground plane antenna. Has grounded radiator to guard against proximity lightning strike. Order cut to freq. or field-tunable. Omnidirectional.	Low cost omnidirectional antenna. Wide bandwidth. Unity gain. Constructed of selected aluminum alloy and stainless steel.	Heavy duty ground plane antenna. Omnidirectional. Field tunable. Threads on to customer supplied 1 1/4" NPT pipe. For general purpose fixed station use.
220-250	General Freq. (MHz)	108-176	118-136	120-512
9.2	Gain (dB)	Unity	Unity	Unity
2	Bandwidth >1.5 VSWR	3/150 MHz	36	4
250	Maximum Input Power (Watts)	500	250	1000
56 Deg.	H. Beamwidth (-3dB)	N/A	Omni	N/A
48 Deg.	Vert. Beamwidth (-3dB)	76 Deg.	71 Deg.	100 Deg.
20dB	Front to Back Ratio (dB)	N/A	N/A	N/A
Direct Ground	Lightning Prot.	Direct Ground	DC Ground	Spark Gap Arr
UHF Female	Direct Termination	None	None	UHF Female
None	Flexible Extension	18" Jumper/N Male	Harness with N Male	None
MYK-2 Mount	Mount Hdw. Incl.	46 clamp set	Two clamps	None
6'	Overall Length	3.71'/150 MHz	5.58'	2'
N/A	Element Housing Length	N/A	N/A	N/A
1 1/4"	Support Pipe Dia.	1 5/16"	N/A	N/A
N/A	Support Pipe Length	24"	N/A	N/A
4 Lbs.	Weight	7 Lbs.	6.0 Lbs.	4 Lbs.
100 MPH	Rated Wind Velocity (MPH)	125 MPH/150 MHz	125 MPH	100 MPH
.46	Wind Load, (sq ft)	0.16/150 MHz	No Spec	0.9
18.6 Lbs.	Lateral Thrust @ RWV (lbs)	6.4 Lbs. at 150 MHz	65 Lbs.	N/A
55.7 Ft. Lbs.	Bend Moment @ RWV (lbs)	6.4 Ft.Lbs. at 150 MHz	N/A	N/A
2 Years	Warranty	5 Years	2 Years	90 Days
49686 *220-222 MHz	**TESSCO Part No.**	**18981** *108-176 MHz	**24294** *118-136 MHz	**32618** *120-512 MHz
$151.45 $75.71	List Price: T-1 Price:	Field Tune	$312.00 $258.96	$150.00 $113.25
8 lb. $72.68	Ship lb.: T-2 Price:	**53627** *108-176 MHz Fac-	7 lb. $246.48	3 lb. $111.00
3.64 kg. $69.65	Ship kg.: T-3 Price:	tory Tune	3.18 kg. $237.12	1.36 kg. $108.75
		$450.00 $342.90		**84225** *130-512 MHz
		25 lb. $337.50		$130.00 $98.15
		11.36 kg. $330.75		3 lb. $96.20
				1.36 kg. $94.25

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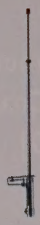
VHF Ground Plane, Coaxial [340-30]

Manufacturer Table	Antenna Specialists ASP655	Decibel Products DB205	Maxrad, Inc MBS150	Decibel Products DB201
				
Product Narrative	Economy end fed, halfwave antenna. Omnidirectional. Field tunable. Stainless steel radials for maximum performance. Simple U-bolt mounting.	Coaxial, 1/2-wave dipole antenna. Order antenna cut to frequency or field tuneable. No radials required. Omnidirectional.	Base matched, halfwave antenna. Omnidirectional. Field tunable. Aluminum construction with stainless steel hardware.	Heavy duty, monopole ground plane antenna. Order model cut to frequency or field tunable. Omnidirectional. Suitable for mounting atop tower, pole or building.
General Freq. (MHz)	136-174	144-174	144-174	144-174
Gain (dB)	Unity	Unity	Unity	Unity
Bandwidth >1.5 VSWR	4 6	3	6	3
Maximum Input Power (Watts)	100	500	250	500
H. Beamwidth (-3dB)	N/A	N/A	N/A	N/A
Vert. Beamwidth (-3dB)	75 Deg.	78 Deg.	70 Deg.	78 Deg.
Front to Back Ratio (dB)	N/A	N/A	N/A	N/A
Lightning Prot.	DC Ground	Direct Ground	DC Ground	Direct Ground
Direct Termination	UHF Female	None	UHF Female	None
Flexible Extension	None	Harness with N Male	None	Harness with N Male
Mount Hdw. Incl.	U-Bolts	DB365 clamps	Bracket & clamps	DB365 clamps
Overall Length	4.5'	5.9'	3.6'	2.5'
Element Housing Length	N/A	N/A	N/A	N/A
Support Pipe Dia.	N/A	1"	1-1/4"	1 5/16"
Support Pipe Length	N/A	24"	N/A	24"
Weight	.75 Lbs.	19 Lbs.	1.1 Lbs.	10 Lbs.
Rated Wind Velocity (MPH)	100 MPH	125 MPH	90 MPH	125 MPH
Wind Load, (sq ft)	N/A	.3		0.4
Lateral Thrust @ RWV (lbs)	N/A	13 Lbs.	6.7 Lbs.	16 Lbs.
Bend Moment @ RWV (lbs)	N/A	19 Ft.Lbs.	12 Ft. Lbs.	N/A
Warranty	90 Days	1 Year	2 Years	1 Year
TESSCO Part No.	**57797** *136-174 MHz	**88150** *144-174 MHz	**74915** *144-174 MHz	**25827** *144-150 MHz
List Price: T-1 Price:	$80.00 $60.40	$485.00 $366.18	$91.85 $45.93	**67896** *150-174 MHz
Ship lb.: T-2 Price:	1 lb. $59.20	26 lb. $358.90	2.43 lb. $44.09	$330.00 $249.15
Ship kg.: T-3 Price:	0.45 kg. $58.00	11.82 kg. $351.63	1.10 kg. $42.26	14 lb. $244.20
		74936 *150-174 MHz		6.36 kg. $239.25
		Field Tune		**24578** *144-174 MHz
		$455.00 $343.53		Field Tune
		26 lb. $336.70		$275.00 $207.63
		11.82 kg. $329.88		14 lb. $203.50
				6.36 kg. $199.38

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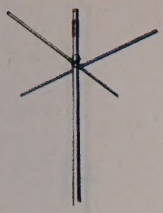
Antennas, Base Station

Sinclair SRL-201	Antenna Specialists ASPA244	Cushcraft/Signals CRS150	Antenna Specialists ASP2011	Maxrad, Inc MBR1503
				
Field tunable, rugged, wideband, omnidirectional groung plane antenna. Aluminum construction used throughout for strength and durability.	Heavy duty, coaxial halfwave antenna. Field tunable Omnidirectional. Low angle of radiation allows for maximum system range.	2 dB gain "Rugged Ringo". Field tunable. May be mounted on any vertical tubular support up to 1-1/4" diameter.	Economically priced collinear, general service antenna. Omnidirectional. Field tunable. Simple U-bolt mounting.	Fully enclosed coaxial feed design offers maximum performance. Radials are 3/8"aluminum. Includes heavy duty cast aluminum mount. Field tunable.
148-174 Unity 14 @ 156 MHz 300	150-174 Unity 2 500	148-174 2 5 250	130-174 3 4 250	138-174 3 3 250
Omni 75 Deg. N/A	N/A 75 Deg. N/A	N/A N/A N/A	N/A 33 Deg. N/A	N/A 35 Deg. N/A
DC Ground None Harness with N Male Two clamps	Spark Gap Arr None Harness with N Male Clamp set	DC Ground UHF Female None Slides onto 1 1/4" O.D. pipe and secures with a set screw	Direct Ground UHF Female None Bracket & clamps	DC Ground None Harness with N Male MMK-4
4.25' (ground plane radials are 22.25") 3.75' 1.9" N/A 5 Lbs .	6' N/A 3/4" N/A 5 Lbs.	45" N/A 1 1/4" N/A 2 Lbs.	8.5' N/A N/A N/A 4 Lbs.	9' N/A 2-1/2" N/A 8 Lbs.
125 MPH No Spec 30 Lbs. N/A 2 Years	100 MPH No Spec N/A N/A 1 Year	80 Mph .18 N/A N/A 1 Year	78 MPH 12.6 Lbs. 34.3 Ft.Lbs. 90 Days	125 MPH 47.3 Lbs. 230.9 Ft. Lbs. 2 Years
90364 *144-174 MHz **485123** *130-150 MHz $268.00 $222.44 10 lb. $211.72 4.54 kg. $203.68	**87972** *150-174 MHz $260.00 $196.30 18 lb. $192.40 8.18 kg. $188.50	**24036** *148-174 MHz $91.50 $65.88 5 lb. $64.05 2.27 kg. $62.22	**36564** *130-144 MHz **88171** *144-174 MHz $270.00 $203.85 6 lb. $199.80 2.73 kg. $195.75	**82956** *138-174 MHz $278.20 $141.89 11 lb. $136.32 5.00 kg. $130.76

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VHF Ground Plane, Coaxial [340-30]

Manufacturer Table	Sinclair SRL-217	Radiall/Larsen BSA150C	Maxrad, Inc MBX150	Antenex VG1505
Product Narrative	Low cost omnidirectional antenna. 1% bandwidth. 2-3dB gain. Quickly and easily adjusted to new frequency as needed.	Economy, end fed, halfwave antenna. Kulrod plated stainless steel radiators for maximum performance. Field tunable. Omnidirectional.	Base matched, collinear antenna. Omnidirectional. Field tunable. Aluminum construction with stainless steel hardware.	Economical "Voyager" omnidirectional unity gain. Ideal for light dut VHF applications. Field tunable.
General Freq. (MHz)	138-174	144-174	144-174	150-174
Gain (dB)	2-3	3	3	3
Bandwidth >1.5 VSWR	1% of Freq.	2%	4	3% center fr
Maximum Input Power (Watts)	250	200	250	250
H. Beamwidth (-3dB)	Omni	N/A	N/A	N/A
Vert. Beamwidth (-3dB)	40 Deg.	N/A	27 Deg.	40 Deg.
Front to Back Ratio (dB)	N/A	N/A	N/A	N/A
Lightning Prot.	DC Ground	DC Ground	DC Ground	DC Ground
Direct Termination	None	UHF Female	UHF Female	N Female
Flexible Extension	Harness with N Male	None	None	None
Mount Hdw. Incl.	Two clamps	Bracket & clamps	Brackets & clamps	None
Overall Length	8'	4.31' (whip antenna is 49" long) (ground plane radials 21" long)	9.2'	105"
Element Housing Length	N/A	N/A	N/A	N/A
Support Pipe Dia.	N/A	N/A	1-1/4"	1.25"
Support Pipe Length	N/A	N/A	N/A	6.5"
Weight	6.5 Lbs.	2 Lbs.	1.73 Lbs.	2 Lbs.
Rated Wind Velocity (MPH)	125 MPH	100 MPH	100 MPH	100 MPH
Wind Load, (sq ft)				N/A
Lateral Thrust @ RWV (lbs)	47 Lbs.	N/A	12.4 Lbs.	N/A
Bend Moment @ RWV (lbs)	N/A	N/A	56.7 Ft. Lbs.	N/A
Warranty	2 Years	3 Years	2 Years	2 Years
TESSCO Part No.	**13578** *138-174 MHz	**64906** *144-174 MHz	**35273** *144-174 MHz	**86286** *150-174 MHz
List Price: T-1 Price:	$360.00 $298.80	$93.35 $57.87	$129.30 $65.94	$165.60 $95.39
Ship lb.: T-2 Price:	8 lb. $284.40	4 lb. $56.00	2 lb. $63.35	5 lb. $79.33
Ship kg.: T-3 Price:	3.64 kg. $273.60	1.82 kg. $54.14	0.91 kg. $60.77	2.27 kg. $74.19

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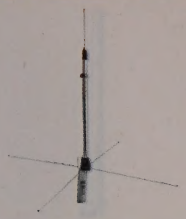
Antennas, Base Station

Radiall/Larsen FB1136	Cushcraft/Signals AR-2	Cushcraft/Signals CRX150	Cushcraft/Signals CRX150B	Cushcraft/Signals ARX-2B
				
Economically priced 5/8 wave over 1/2 wave base antenna. Field tunable. Omnidirectional.	3.75 dB gain Ringo. Field tunable. May be mounted on any vertical tubular support up to 1-1/4" dia. Halfwave monopole.	5 dB gain "Ringo Ranger". Field tunable. May be mounted on any vertical tubular support up to 1-1/4" dia.	6 dB gain "Ringo Ranger Ii", Field tunable. May be mounted on any vertical tubular support up to 1-1/4" dia. Stub tuned ground plane.	7 dB gain "Ringo Ranger II", Field tunable. May be mounted on any vertical tubular support up to 1-1/4"dia. 5/8 wave radiating elem. Adj. 1/8 wave stub.
136-230	135-160	148-174	148-174	135-160
3.6	3.75	5	6	7.0
5	10 @ 1.2:1	5	5	>3 MHz @1.2:1
200	1000	250	250	1000
N/A	360 Deg.	N/A	N/A	360 Deg.
70 Deg.	16 Deg.	N/A	N/A	7 Deg.
N/A	N/A	N/A	N/A	N/A
Direct Ground	"Included"	DC Ground	DC Ground	"Built In"
UHF Female	UHF Female	UHF Female	None	UHF Female
None	None	None	Short lead/UHF fem.	Included
Brackets & clamps	Included	Clamps	Clamps	Included
8'	3.9'	9.66'	13.5'	14'
N/A	N/A	N/A	N/A	N/A
N/A	1 to 1.25"	1 1/4"	1 1/4"	1 to 1.25"
N/A	N/A	N/A	N/A	N/A
2.3 Lbs.	1.5 Lbs.	4 Lbs.	7 Lbs.	6 Lbs.
100 MPH	N/A	N/A	N/A	N/A
	.21	.5	1.4	0.5
	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A
3 Years	1 Year	1 Year	1 Year	1 Year
66879 *136-230 MHz	**90106** *135-160 MHz	**36001** *148-174 MHz	**74394** *148-174 MHz	**25285** *135-160 MHz
$150.00 $97.50	$52.30 $37.66	$122.00 $87.84	$144.50 $104.03	$76.85 $55.33
5 lb. $90.00	1.5 lb. $36.61	4 lb. $85.40	6 lb. $101.14	3.1 lb. $53.79
2.27 kg. $82.50	0.68 kg. $35.57	1.82 kg. $82.96	2.73 kg. $98.25	1.41 kg. $53.05

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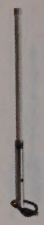
VHF, Fiberglass/ PVC Radome [340-32]

Manufacturer Table	RFS Celwave BA1010	Antenex FG1400 Series	RFS Celwave BA1012	Maxrad, Inc MFB1500 Series
				
Product Narrative	Omnidirectional, fiberglass. Unity gain. Heavy duty radome. Broad frequency response.	Economical fiberglass omnidirectional unity gain. Gold anodized support pipe. Ideal for light duty applications.	Omnidirectional, fiberglass. Unity gain. Broad frequency response. Small and lightweight.	Fiberglass radome enclosed.Omni directional. Unity gain. Aluminum mounting base. Ideal for telemetr applications.
General Freq. (MHz)	118-174	140-174	118-174	144-174
Gain (dB)	Unity	Unity	Unity	Unity
Bandwidth >1.5 VSWR	11 - 20	4 MHz	18	3
Maximum Input Power (Watts)	500	250	100	350
H. Beamwidth (-3dB)	N/A	N/A	N/A	N/A
Vert. Beamwidth (-3dB)	80 Deg.	75 Deg.	80 Deg.	80 Deg.
Front to Back Ratio (dB)	N/A	N/A	N/A	N/A
Lightning Prot.	Direct Ground	DC Ground	Direct Ground	DC Ground
Direct Termination	N Female	N Female	N Female	None
Flexible Extension	None	None	None	16" Jumper/N Male
Mount Hdw. Incl.	Bracket and U-Bolts	None	N275F Mast Mount	None
Overall Length	4.6'+/-	68"	3.7' - 4.4'	5.9'
Element Housing Length	3.6'+/-	N/A	3.5' - 4.1'	N/A
Support Pipe Dia.	3"	N/A	3"	1 5/16"
Support Pipe Length	1"	N/A	1"	N/A
Weight	8.8 Lbs.	4 Lbs.	1.3 Lbs.	3 Lbs.
Rated Wind Velocity (MPH)	155	125 MPH	125	100 MPH
Wind Load, (sq ft)	.86	N/A	.23	.30
Lateral Thrust @ RWV (lbs)	34.4 Lbs.	N/A	9.2 Lbs.	10.8 Lbs.
Warranty	5 Years	2 Years	5 Years	2 Years
TESSCO Part No.	**32985** *120-132 MHz	**11998** *140-144 MHz	**37462** *144-162 MHz	**69394** *144-150 MHz
List Price: T-1 Price:	**84592** *133-151 MHz	$156.00 $89.86	**75855** *154-174 MHz	**56180** *150-156 MHz
Ship lb.: T-2 Price:	**12283** *146-164 MHz	5.5 lb. $74.73	$340.00 $259.08	**42966** *156-162 MHz
Ship kg.: T-3 Price:	**50676** *154-174 MHz	2.50 kg. $69.89	2.2 lb. $255.00	$144.80 $73.85
	$790.00 $601.98		1.00 kg. $249.90	5 lb. $70.96
	19.2 lb. $592.50			2.27 kg. $68.06
	8.73 kg. $580.65			**29752** *162-168 MHz
				$144.80 $73.85
				6.78 lb. $70.96
				3.08 kg. $68.06
				16538 *168-174 MHz
				$144.80 $73.85
				5 lb. $70.96
				2.27 kg. $68.06

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Antennas, Base Station

Comtelco BS150U Series	Astron Wireless Tech. V-1500	Antenex FG1520 Series	Sinclair SRL-233	Antenex FG1523 Series
The BS150U antennas are lightweight but are designed to easily withstand winds of over 125 MPH. The radiating elements are constructed of copper alloy and are encased in a fiberglass radome for protection from moisture. Rated at 250 watts and Unity gain, you can expect years of continuos service.	Unity gain fiberglass antenna. All brass internal radiator provides clean radiation pattern. Heavy wall aluminum support mast. Environmental gray for discreet install.	Economical fiberglass omnidirectional unity gain. Gold anodized support pipe. Ideal for light duty applications.	Lightweight, 3dB collinear antenna constructed of fiberglass with an aluminum coaxial skirt & base pipe.	Economical fiberglass omnidirectional 3 dB gain. Gold anodized support pipe. Ideal for light duty applications.
144-174 Unity 6 250	147-174 Unity 5 150	144-174 Unity 7 MHz 250	138-174 3 2 100	144-174 3 4-6 MHz 250
Omni 75 degree N/A	Omni 80 Deg. N/A	N/A N/A N/A	Omni 35 Deg. N/A	N/A N/A N/A
Direct Ground N-Female None None	Direct Ground N Female 1' RG58 w/N Female Clamp Set	DC Ground N Female None None	DC Ground None Jumper with N Male Clamp Set	DC Ground N Female None None
64" 54" 1.35" 10" 4 lbs.	5' 5' 1 1/8" 6" 4 Lbs.	68" N/A N/A N/A 4 Lbs.	10.08' N/A N/A N/A 2 Lbs.	106" N/A N/A N/A 4 Lbs.
125 MPH Not Specified 2 Years	125 MPH .37 No Spec 2 Years	100 MPH N/A N/A 2 Years	110 MPH 34 Lbs. 2 Years	100 MPH N/A N/A 2 Years
95408 NEW 150-156 MHz $130.35 $64.52 5 lb. $63.21 2.27 kg. $61.91 **23419** NEW 156-162 MHz $130.35 $64.52 6 lb. $63.21 2.73 kg. $61.91	**71538** *150-155 MHz **58324** *155-160 MHz **96717** *160-165 MHz $219.00 $197.10 8 lb. $186.15 3.64 kg. $179.58	**94183** *152-156 MHz $156.00 $89.86 4.36 lb. $74.73 1.98 kg. $69.89 **42576** *156-162 MHz $156.00 $89.86 4 lb. $74.73 1.82 kg. $69.89	**13976** *138-174 MHz $324.00 $268.92 15 lb. $255.96 6.82 kg. $246.24	**35516** *144-148 MHz **24057** *148-152 MHz **21872** *152-156 MHz **78996** *156-162 MHz **27389** *162-168 MHz **52278** *168-174 MHz $240.75 $138.66 4 lb. $115.31 1.82 kg. $107.85

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VHF, Fiberglass/ PVC Radome [340-32]

Manufacturer Table	Maxrad, Inc MFB1503 Series	Antenna Specialists ASP680	RFS Celwave BA1312	Comtelco BS150XL3 Series
Product Narrative	Low cost, fiberglass. Omnidirectional. 3 dB gain. Aluminum mounting base. Ideal for telemetry.	Fiberglass, collinear. Omnidirectional. 3 dB gain. No ground radials. Lightweight but rugged.	Omnidirectional, fiberglass. 3 dB gain. Broad frequency response. Lightweight. Great as an emergency back up.	The BS150 antennas are lightweigh but are designed to easily withstan winds of over 125 MPH. The radi-ating elements are constructed of copper alloy and are encased in a fiberglass radome for protection from moisture. Rated at 250 watt and Unity gain, you can expect years of continous service.
General Freq. (MHz)	144-174	148-174	149-171	144-174
Gain (dB)	3	3	3	3 dB
Bandwidth >1.5 VSWR	3.5	1.9 or more	7 - 8	6 MHz
Maximum Input Power (Watts)	350	350	100	250
H. Beamwidth (-3dB)	N/A	N/A	N/A	Omni
Vert. Beamwidth (-3dB)	29 Deg.	29 Deg.	35 Deg.	40 degrees
Front to Back Ratio (dB)	N/A	N/A	N/A	N/A
Lightning Prot.	DC Ground	DC Ground	Direct Ground	Direct Ground
Direct Termination	None	None	N Female	N-Female
Flexible Extension	16" Jumper/N Male	Jumper with N Male	None	None
Mount Hdw. Incl.	None	ASPR616 Clamp Set	N275F Mast Mount	None
Overall Length	10.75'	11.67'	8.6'	96"
Element Housing Length	N/A	N/A	8.4'	86"
Support Pipe Dia.	N/A	1.312"	1.2"	1.35"
Support Pipe Length	N/A	N/A	0.4'	10"
Weight	4 Lbs.	4 Lbs.	3.75 Lbs.	6 lbs.
Rated Wind Velocity (MPH)	100 MPH	105 MPH	100	125 MPH
Wind Load, (sq ft)	.44	.68	.52	Not Specified
Lateral Thrust @ RWV (lbs)	15.8 Lbs.	27.2 Lbs.	21 Lbs.	
Warranty	2 Years	1 Year	5 Years	2 Years
TESSCO Part No.	**17787** *144-150 MHz	**69762** *148-150.8 MHz	**62641** *149-155 MHz	**30043** NEW 150-156 MHz
List Price: T-1 Price:	**94573** *150-156 MHz	$399.00 $301.25	**11034** *155-163 MHz	**59458** NEW 162-168 MHz
Ship lb.: T-2 Price:	**81359** *156-162 MHz	17 lb. $295.26	**49427** *163-171 MHz	$199.50 $98.76
Ship kg.: T-3 Price:	**54931** *168-174 MHz	7.73 kg. $289.28	$420.04 $320.04	8 lb. $96.76
	$228.60 $116.58	**18155** *150.8-153 MHz	6.25 lb. $315.00	3.64 kg. $94.77
	7 lb. $112.00	$399.00 $301.25	2.84 kg. $308.70	
	3.18 kg. $107.43	19 lb. $295.26		
		8.64 kg. $289.28		
		56548 *153-156.24 MHz		
		$399.00 $301.25		
		17 lb. $295.26		
		7.73 kg. $289.28		

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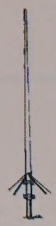
Antennas, Base Station

Antenna Specialists ASP680	Antenna Specialists ASP682	RFS Celwave 220 w/ Downtilt	Decibel Products DB516	RFS Celwave 220
				
Fiberglass, collinear. Omnidirectional. 3 dB gain. No ground radials. Lightweight but rugged.	Fiberglass, collinear. Omnidirectional. 4.5 dB gain. No ground radials. Lightweight but rugged.	Omnidirectional, fiberglass. 5.00 dBd gain. Broad frequency response, suitable for duplexed sytems. Comes with a 3 degree downtilt.	Omnidirectional, fiberglass. Horizon blue color. 5 dB gain. New AEROGLAS radome for maximum mechanical strength.	Omnidirectional, fiberglass. 5.25-6.00 dBd gain. Broad frequency response, suitable for duplexed sytems. Available with a 3 or 6 degree downtilt.
148-174	146-174	136-225	144-174	136-174
3	4.5	5	5	5.25
1.9 or more	6	1.5Mhz	6	8
350	350	500	500	500
N/A	N/A	360	N/A	N/A
29 Deg.	22 Deg.	18	18 Deg.	18 Deg.
N/A	N/A		N/A	N/A
DC Ground	DC Ground	Direct Ground	Direct Ground	Direct Ground
None	None	UHF female	UHF Female	UHF Female
Jumper with N Male	24" Jumper w/ N Male	18" RG8 w/ N/M to UHF/M	None	N Male, 18" Jumper
ASPR616 Clamp Set	ASPR616 Clamp Set	46 Clamps	DB366 Clamps	46 Clamps
11.67'	16.2'	20'	22.25'	20' +/-
N/A	N/A	17.6'	20'	18 - 20'
1.312"	1.975"	2.75"	2.75"	2.75"
N/A	N/A	2.33'	24"	27"
4 Lbs.	9.5 Lbs.	58	25 Lbs.	23 Lbs.
105 MPH	128 MPH	100	100 MPH	100
.68	1.26	2.27	2.83	2.20 - 2.30
27.2 Lbs.	50.37 Lbs.	91	115 Lbs.	88 - 90
1 Year	1 Year	5 Years	1 Year	5 Years
94941 *156-160 MHz	**93692** *146-154 MHz	**488320** NEW *136-174 MHz	**60871** *150-156 MHz	**41861** *136-141 MHz
$399.00 $301.25	**42085** *152-158 MHz	$1,190.00 $906.78	**99264** *152-158 MHz	**68289** *142-150 MHz
17 lb. $295.26	**80478** *156-162 MHz	59 lb. $892.50	$860.00 $649.30	**43110** *150.5-158.5 MHz
7.73 kg. $289.28	$595.00 $449.23	26.82 kg. $874.65	55 lb. $636.40	**81503** *155-163 MHz
81727 *163.5-167 MHz	31 lb. $440.30		25.00 kg. $623.50	**15539** *157-165 MHz
$399.00 $301.25	14.09 kg. $431.38			**29896** *160-169 MHz
14 lb. $295.26	**28871** *160-166 MHz			**93468** *165-174 MHz
6.36 kg. $289.28	$595.00 $449.23			$790.00 $601.98
30120 *167-170.5 MHz	40 lb. $440.30			58 lb. $592.50
68513 *170.5-174 MHz	18.18 kg. $431.38			26.36 kg. $580.65
$399.00 $301.25	**67264** *164-170 MHz			
17 lb. $295.26	**15657** *168-174 MHz			
7.73 kg. $289.28	$595.00 $449.23			
	31 lb. $440.30			
	14.09 kg. $431.38			

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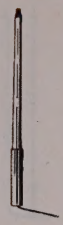
Antennas, Base Station

VHF, Fiberglass/ PVC Radome [340-32]

Manufacturer Table	RFS Celwave 620	Antenna Specialists ASP685	Decibel Products DB616	RFS Celwave 200
				
Product Narrative	Extra rugged fiberglass antenna. Wide 9 MHz bandwidth makes this suitable for full duplexed systems. Improved lightning protection.	Fiberglass, collinear. Omnidirectional. 5.25 dB. Broad frequency response. Heavy duty,	Omnidirectional, fiberglass. 5.3 dB gain. Broad frequency response. Horizon blue. AEROGLAS radome.	Fiberglass, collinear. 5.8 dB gain. Narrow bandwidth ideal for pagin and dispatch applications.
General Freq. (MHz)	136-174	150-174	138-174	120-174
Gain (dB)	5.25	5.25	5.3	5.5
Bandwidth >1.5 VSWR	8	8	14	1.5
Maximum Input Power (Watts)	500	350	500	500
H. Beamwidth (-3dB)	N/A	N/A	N/A	N/A
Vert. Beamwidth (-3dB)	18 Deg.	17 Deg.	16 Deg.	18 Deg.
Front to Back Ratio (dB)	N/A	N/A	N/A	N/A
Lightning Prot.	Direct Ground	Direct Ground	Direct Ground	Direct Ground
Direct Termination	UHF Female	None	UHF Female	UHF Female
Flexible Extension	N Male, 18" Jumper	24" Jumper w/ N Male	None	N Male, 18" Jumper
Mount Hdw. Incl.	346 Clamp Set	ASPR616 Clamp Set	DB5087 Clamps	46 Clamps
Overall Length	21'	21'	18.67'	20.8'
Element Housing Length	18.3'	19.5'	16.67'	19'
Support Pipe Dia.	3.5"	2.875"	2.375"	2.375"
Support Pipe Length	36"	18"	26"	22"
Weight	53 Lbs.	21.5 Lbs.	51 Lbs.	20 Lbs.
Rated Wind Velocity (MPH)	175	144 MPH	100 MPH	100 MPH
Wind Load, (sq ft)	2.59	2.1	3.61	1.13
Lateral Thrust @ RWV (lbs)	104	84.8 Lbs.	147 Lbs.	45 Lbs.
Warranty	5 Years	1 Year	1 Year	5 Years
TESSCO Part No.	**93666** *150-159 MHz	**54050** *151-158 MHz	**67315** *150-164 MHz	**82028** *120-174 MHz
List Price: T-1 Price:	$1,704.00 $1,298.45	**92443** *155-163 MHz	**15840** *160-174 MHz	$990.00 $754.38
Ship lb.: T-2 Price:	106 lb. $1,278.00	**40836** *165-174 MHz	$1,790.00 $1,351.45	51 lb. $742.50
Ship kg.: T-3 Price:	48.18 kg. $1,252.44	$720.00 $543.60	92 lb. $1,324.60	23.18 kg. $727.65
		50 lb. $532.80	41.81 kg. $1,297.75	
		22.72 kg. $522.00		

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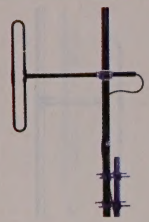
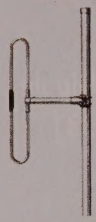
Telewave, Inc. ANT150F6	Sinclair SRL-229	Manufacturer Table	Telewave, Inc. ANT150D	Sinclair SRL-210A
		VHF, Dipole [340-33]		
End fed, fiberglass. Omnidirectional. 5 dB gain. Cool blue radome absorbs sun's rays to assist in de-cing.	Rugged high gain, Omnidirectional antenna made to withstand severe conditions. Enclosed in fiberglass radome with lightning stud at top.	Product Narrative	Single halfwave dipole antenna. Off-set pattern is adjustable by changing the dipole to mast spacing. Support mast not included.	Single dipole antenna with 2-2.5dB offset pattern. External cable har-ness allows pattern to be changed in the field.
138-174 5 3 500	138-174 6.1 6 300	General Freq. (MHz) Gain (dB) Bandwidth >1.5 VSWR Maximum Input Power (Watts)	138-174 Unity 36 200	108-174 2-2.5 36 200
N/A 20 Deg. N/A	Omni 14 Deg. N/A	H. Beamwidth (-3dB) Vert. Beamwidth (-3dB) Front to Back Ratio (dB)	66 Deg. 78 Deg. N/A	210 Deg. 68 Deg. N/A
DC Ground N Female N Male, 24" Jumper ANTC483C Clamp	DC Ground None Jumper with N Male Clamp Set	Lightning Prot. Direct Termination Flexible Extension Mount Hdw. Incl.	DC Ground None 24" Jumper/N Male Clamp set	DC Ground None Harness with N Male ORDER CLAMPS SEP.
20' 17.8' 2.75" 26" 25 Lbs.	21.5' N/A N/A N/A 25 Lbs.	Overall Length Element Housing Length Support Pipe Dia. Support Pipe Length Weight	3' N/A N/A N/A 5.7 Lbs.	5' N/A N/A N/A 9 Lbs.
100 MPH 3.2 35.9 Lbs. 1 Year	125 MPH 190 Lbs. 2 Years	Rated Wind Velocity (MPH) Wind Load, (sq ft) Lateral Thrust @ RWV (lbs) Bend Moment @ RWV (lbs) Warranty	150 MPH 0.80 21.3 Lbs. 49 Ft.Lbs. 1 Year	175 MPH No Spec 55 Lbs. N/A 2 Years
TESSCO Part No.			**67527** *138-174 MHz	**59139** *138-174 MHz
List Price:		T-1 Price:	$251.00 $194.53	$240.00 $199.20
Ship lb.:		T-2 Price:	17 lb. $190.76	25 lb. $189.60
Ship kg.:		T-3 Price:	7.73 kg. $187.00	11.36 kg. $182.40
41099 *144-152 MHz	**66832** *138-174 MHz			
79492 *150-158 MHz	**15225** *150-156 MHz			
31395 *162-170 MHz	**83484** *153-159 MHz			
27885 *166-174 MHz	**53618** *156-162 MHz			
$786.00 $609.15	**92011** *162-168 MHz			
50 lb. $597.36	**23378** *168-174 MHz			
22.72 kg. $585.57	$1,096.00 $909.68			
	50 lb. $865.84			
	22.72 kg. $832.96			

SINCLAIR®

Sinclair, manufacturer of high-quality fixed antennas, filters, multicouplers, combiners and antenna systems. These products are used extensively in the public safety, cellular, and government sectors.

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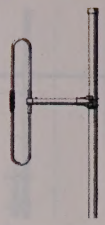
VHF, Dipole [340-33]

Manufacturer Table	Sinclair SRL-210C-2	Decibel Products DB220	RFS Celwave 1121	Sinclair SRL-235
				
Product Narrative	Single Dipole antenna with 1/2 wave element to mast spacing resulting in bi-directional pattern. Cable harness is inside mast and dipole booms. Extra-wide bandwidth ideal for multicoupled systems.	Single element, dipole antenna. 2.5dB gain offset pattern. Can be mounted on the top or side of a tower.	Single exposed dipole antenna. 3dB offset pattern. Solid aluminum rod radiators eliminate moisture accumulation. Support mast not included.	Twin dipole antenna provides wid bandwidth and field changable 3dB omni or 5.5dB bidirectional gain pattern.
General Freq. (MHz)	138-174	146-174	144-178	138-174
Gain (dB)	2-2.5	2.5	3	3-5.5
Bandwidth >1.5 VSWR	36	7	3	36
Maximum Input Power (Watts)	300	500	250	500
H. Beamwidth (-3dB)	210 Deg.	N/A	Inst dep	360/80
Vert. Beamwidth (-3dB)	68 Deg.	36 Deg.	80 Deg.	34 Deg.
Front to Back Ratio (dB)	N/A	N/A	N/A	N/A
Lightning Prot.	DC Ground	Direct Ground	Direct Ground	DC Ground
Direct Termination	None	None	None	None
Flexible Extension	Harness with N Male	Harness with N Male	18" Jumper/N Male	Harness with N Male
Mount Hdw. Incl.	ORDER CLAMPS SEP.	DB365 Clamps	Clamp set	Clamp set
Overall Length	5'	7'	3'	14'
Element Housing Length	N/A	N/A	N/A	N/A
Support Pipe Dia.	1.9"	1.75"	N/A	N/A
Support Pipe Length	24"	N/A	N/A	N/A
Weight	8.3 Lbs.	13 Lbs.	3 Lbs.	25 Lbs.
Rated Wind Velocity (MPH)	175 MPH	125 MPH	100 MPH	100 MPH
Wind Load, (sq ft)	.89	0.9	.23	No Spec
Lateral Thrust @ RWV (lbs)	55 Lbs.	36 Lbs.	9 Lbs.	154 Lbs.
Bend Moment @ RWV (lbs)	N/A	N/A	3 Ft.Lbs.	N/A
Warranty	2 Years	1 Year	5 Years	2 Years
TESSCO Part No.	**80190** *138-174 MHz	**26551** *146-153 MHz	**93070** *152-158 MHz	**93260** *138-174 MHz
List Price: T-1 Price:	$240.00 $199.20	**64944** *153-160 MHz	$190.00 $144.78	$900.00 $747.00
Ship lb.: T-2 Price:	10 lb. $189.60	$297.00 $224.24	10 lb. $142.50	75 lb. $711.00
Ship kg.: T-3 Price:	4.54 kg. $182.40	22 lb. $219.78	4.54 kg. $139.65	34.09 kg. $684.00
		10.00 kg. $215.33		

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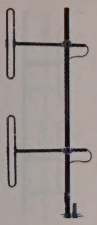
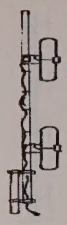
Telewave, Inc. ANT150D3	Sinclair SRL-222	Antenna Specialists ASP601	RFS Celwave 440	Decibel Products DB222
				
Two bay, exposed dipole antenna. Field adjustable 3dB omni or 6dB offset pattern. Full 36 MHz of bandwidth. Support mast not included.	Dual dipole antenna allows for field adjustment of it's 3dB omni or 6dB offset pattern.	Two bay exposed dipole antenna. Field adjustable 3dB omni or 6dB offset pattern. Heavy duty. Uses gold irradiated dipoles for long life.	Two bay exposed dipole antenna. Field adjustable 3dB omni or 6dB offset pattern. Wiring harness is enclosed within the support pipe.	Two bay exposed dipole antenna. Field adjustable 3dB omni or 6dB offset pattern. Can be mounted on the top or side of a tower.
138-174 3/6 6 500	132-174 3/6 10 300	148-174 3/6 14 500	150-285 3/6 12 500	137-174 3/6 8 500
N/A 7 Deg. N/A	360/170 34 Deg. N/A	360/180 34 Deg. N/A	N/A 33 Deg. N/A	N/A 36 Deg. N/A
DC Ground None Harness with N Male Clamp set	DC Ground None Harness with N Male Clamp set	DC Ground None 24" Jumper/N Male ASPR616 Clamp Set	Direct Ground UHF Female 18" Jumper/N Male 46 clamp set	Direct Ground None Harness with N Male DB365 Clamps
0' N/A N/A N/A 9 Lbs.	9.5' N/A N/A N/A 17 Lbs.	12' N/A 2.25" 24" 28 Lbs.	11.5' N/A 2.375" 11" 20 Lbs.	10.5' N/A 1.75" N/A 16 Lbs.
25 MPH No Spec 6 Lbs. 31 Ft.Lbs. Year	120 MPH No Spec 65 Lbs. N/A 2 Years	120 MPH 2.34 94 Lbs. 403 Ft.Lbs. 1 Year	100 1.48 59 295' 5 Years	125 MPH 1.6 64 Lbs. N/A 2 Years
15920 *138-174 MHz $510.00 $395.25 21 lb. $387.60 9.54 kg. $379.95	**33435** *146-158 MHz **85042** *150-163 MHz **71828** *163-174 MHz $380.00 $315.40 47 lb. $300.20 21.36 kg. $288.80	**35116** *148-162 MHz $415.00 $313.33 35 lb. $307.10 15.91 kg. $300.88 **73509** *160-174 MHz $415.00 $313.33 34 lb. $307.10 15.45 kg. $300.88	**13134** *150-162 MHz **51527** *162-174 MHz $495.00 $377.19 35 lb. $371.25 15.91 kg. $363.83	**63695** *150-158E MHz **90123** *150-158 MHz **38516** *158-166 MHz **76909** *166-174 MHz $327.00 $246.89 29 lb. $241.98 13.18 kg. $237.08 **12088** NEW *137-143 MHz $380.00 $286.90 33 lb. $281.20 15.00 kg. $275.50

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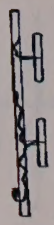
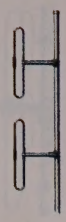
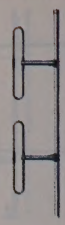
VHF, Dipole [340-33]

Manufacturer Table	Antenna Specialists ASP711	Sinclair SD235-1C	Sinclair SRL-210C2-4	Sinclair SRL-210C2-2
				
Product Narrative	Two bay exposed dipole antenna. Field adjustable 3dB omni or 6dB offset pattern. Lightweight. Uses gold irradiated dipoles for long life.	The SD235-1C dual antenna array provides two antennas on one mast with 30dB isolation between them. Both antennas provide an omnidirectional pattern. Very low intermodulation distorsion specification of -85dBm and a VSWR of 1.5:1.	Dual dipole array with 1/4 wave element mast spacing creating an offset pattern. Cable harness is inside the mast and dipole booms.	Dual dipole array with 1/2 wave element mast spacing creating a bidirectional pattern. Cable harne is inside the mast and dipole booms.
General Freq. (MHz)	150-174	138-174	138-174	138-174
Gain (dB)	3/6	5	5-5.5	5-5.5
Bandwidth >1.5 VSWR	10	36	36	36
Maximum Input Power (Watts)	500	500	300	300
H. Beamwidth (-3dB)	360/180	360 Deg.	210 Deg.	210 Deg.
Vert. Beamwidth (-3dB)	34 Deg.	16 Deg.	34 Deg.	34 Deg.
Front to Back Ratio (dB)	N/A	N/A	N/A	N/A
Lightning Prot.	DC Ground	DC Ground	DC Ground	DC Ground
Direct Termination	None	None	None	None
Flexible Extension	24" Jumper/N Male	Harness with N Male	Harness with N Male	Harness with N Male
Mount Hdw. Incl.	ASPR616 Clamp Set	ORDER CLAMPS SEP.	ORDER CLAMPS SEP.	ORDER CLAMPS SEP.
Overall Length	12'	49.5'	10'	10'
Element Housing Length	N/A	N/A	N/A	N/A
Support Pipe Dia.	1.75"	4.0"	2.4"	2.4"
Support Pipe Length	24"	62"	N/A	N/A
Weight	13 Lbs.	554 Lbs	16 Lbs.	16 Lbs.
Rated Wind Velocity (MPH)	93 MPH	125 MPH	125 MPH	125 MPH
Wind Load, (sq ft)	1.3	No Spec	No Spec	No Spec
Lateral Thrust @ RWV (lbs)	52.8 Lbs.	1109 Lbs.	100 Lbs.	100 Lbs.
Bend Moment @ RWV (lbs)	258 Ft.Lbs.	19610 Ft Lbs	N/A	N/A
Warranty	1 Year	2 Years	2 Years	2 Years
TESSCO Part No.	**10661** *150-160 MHz	**440149** *138-174 MHz	**97532** *138-174 MHz	**68713** *138-174 MHz
List Price: T-1 Price:	$275.00 $207.63	$12,440.00 $10,325.20	$480.00 $398.40	$480.00 $398.40
Ship lb.: T-2 Price:	65 lb. $203.50	554 lb. $9,827.60	33 lb. $379.20	60 lb. $379.20
Ship kg.: T-3 Price:	29.54 kg. $199.38	251.79 kg. $9,454.40	15.00 kg. $364.80	27.27 kg. $364.80
	49054 *155-165 MHz			
	$285.00 $215.18			
	27 lb. $210.90			
	12.27 kg. $206.63			

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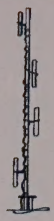
inclair RL-235-2	Telewave, Inc. ANT150D6-9	Decibel Products DB224	Sinclair SRL-224	Antenna Specialists ASP602
				
win dual dipole antenna provides ide bandwidth and field changable dB omni or 8.5dB bi-directional ain pattern.	4 bay exposed dipole. Extremely wide 36 MHz bandwidth. 6 dB omni/9 dB gain. Field adjustable. Support mast not included.	Lightweight, 4 bay exposed dipole. Field adjustable 6 dB omni or 9 dB offset pattern. Can mount on side or top of tower.	Four dipole antenna allows for field adjustment of it's 6dB omni or 9dB offset pattern.	Rugged, 4 bay exposed dipole. Field adjustable 6 dB omni or 9 dB offset pattern. Irradiated dipoles for long life.
38-174 -8.5 6 00	138-174 6-9 36 500	138-174 6/9 10 500	132-174 6-9 10 500	130-174 6-9 14 500
60/80 6 Deg. I/A	N/A 18 Deg. N/A	N/A 16 Deg. N/A	360/170 16 Deg. N/A	180/360 16 Deg. N/A
C Ground lone larness with N Male RDER CLAMPS SEP.	DC Ground None Harness with N Male Clamp set	Direct Ground None Harness with N Male DB365 Clamps	DC Ground None Harness with N Male Clamp set	DC Ground None 24" Jumper/N Male ASPR616 Clamp Set
0' I/A .88" 0" 6 Lbs.	20' N/A 2" N/A 74 Lbs.	21.5' N/A 2" N/A 32 Lbs.	18' N/A N/A N/A 35 Lbs.	22.5' N/A 2.25" 24" 48 Lbs.
00 MPH lo Spec 03 Lbs. I/A Years	110 MPH 7.02 187.2 Lbs. 1,891.3 Ft.Lbs 1 Year	100 MPH 3.15 126 Lbs. N/A 2 Years	100 MPH No Spec 116 Lbs. N/A 2 Years	102 MPH 4.7 186 Lbs. 1,727 Ft.Lbs. 1 Year
28439 *138-174 MHz 1,680.00 $1,394.40 60 lb. $1,327.20 2.72 kg. $1,276.80	**92706** *138-174 MHz $872.00 $675.80 34 lb. $662.72 15.45 kg. $649.64	**62446** *138-150 MHz **49232** *150-160 MHz $662.00 $499.81 48 lb. $489.88 21.82 kg. $479.95 **88874** *150-160 MHz **37267** *155-165 MHz **75660** *164-174 MHz $592.00 $446.96 48 lb. $438.08 21.82 kg. $429.20	**57365** *141-153 MHz $756.00 $627.48 85 lb. $597.24 38.63 kg. $574.56 **16474** *150-163 MHz $756.00 $627.48 50 lb. $597.24 22.72 kg. $574.56	**60295** *144-162 MHz $830.00 $626.65 65 lb. $614.20 29.54 kg. $601.75

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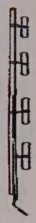
Antennas, Base Station

VHF, Dipole [340-33]

Manufacturer Table	Antenna Specialists ASP712	Decibel Products DB264	RFS Celwave 340	Decibel Products DB304
				
Product Narrative	Lightweight, 4 bay exposed dipole. Field adjustable, 6 dB omni or 9 dB offset pattern.	Lightweight, 4 bay exposed dipole. Field adjustable 6 dB omni or 9 dB offset pattern. Wiring harness enclosed in support pipe.	4 bay exposed dipole. Field adjustable 6 dB omni or 9 dB offset pattern. Internal wiring harness.	4 bay , dual dipole. High gain, hea duty. Field adjustable omni or offs pattern. Available as a dual anten
General Freq. (MHz)	150-174	150-174	150-285	150-174
Gain (dB)	6-9	6/9	6-9	6.1-6.6
Bandwidth >1.5 VSWR	10	10	12	10
Maximum Input Power (Watts)	500	500	500	500
H. Beamwidth (-3dB)	180/360	N/A	N/A	N/A
Vert. Beamwidth (-3dB)	16 Deg.	16 Deg.	16 Deg.	16 Deg.
Front to Back Ratio (dB)	N/A	N/A	N/A	N/A
Lightning Prot.	Direct Ground	Direct Ground	Direct Ground	Direct Ground
Direct Termination	None	None	UHF Female	None
Flexible Extension	24" Jumper/N Male	Harness with N Male	18" Jumper/N Male	Harness with N Male
Mount Hdw. Incl.	ASPR616 Clamp Set	DB365 Clamps	46 clamps	DB365 Clamps
Overall Length	22.7'	21.5'	22.5'	21.6'
Element Housing Length	N/A	N/A	N/A	N/A
Support Pipe Dia.	2"	2"	2.375"	2.75"
Support Pipe Length	24"	N/A	22"	24"
Weight	25 Lbs.	36 Lbs.	40 Lbs.	45 Lbs.
Rated Wind Velocity (MPH)	82 MPH	100 MPH	100	100 MPH
Wind Load, (sq ft)	2.8	3.16	3.2-3.3	4.85
Lateral Thrust @ RWV (lbs)	112 Lbs.	126 Lbs.	128-132	N/A
Bend Moment @ RWV (lbs)	1,098 Ft.Lbs.	N/A	1,408-1,452'	1,718 Ft.Lbs.
Warranty	1 Year	2 Years	5 Years	2 Years
TESSCO Part No.	**35840** *150-160 MHz	**36742** *150-160 MHz	**19379** *150-162 MHz	**18532** *150-160 MHz
List Price: T-1 Price:	$555.00 $419.03	**61921** *150-160E MHz	**57772** *162-174 MHz	**56925** *155-165 MHz
Ship lb.: T-2 Price:	45 lb. $410.70	**75135** *155-165 MHz	$790.00 $601.98	$1,240.00 $936.20
Ship kg.: T-3 Price:	20.45 kg. $402.38	**23528** *164-174 MHz	82 lb. $592.50	65 lb. $917.60
	74233 *155-165 MHz	$695.00 $524.73	37.27 kg. $580.65	29.54 kg. $899.00
	$570.00 $430.35	59 lb. $514.30		
	45 lb. $421.80	26.82 kg. $503.88		
	20.45 kg. $413.25			

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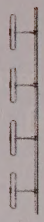
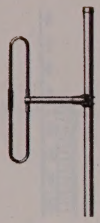
Antennas, Base Station

Cushcraft/Signals 1504S Series	Decibel Products DB304L	Sinclair SRL-210C4-2	Sinclair SRL-210C4-4	Decibel Products DB228
				
4 dipole array. 6.2 dB omni 9.2 dB offset. 3/8" heavy wall elements mounted on 1"dia. support booms, either attached to 2 3/8" diameter HD mast or without a mast.	4 bay, dual dipole antenna. 6.7dB elliptical pattern. Binary cable harness insures inphase signal distribution to all radiating elements.	Four dipole array with 1/2 wave element mast spacing creating a bidirectional pattern. Cable harness is inside the mast and dipole booms.	Four dipole array with 1/4 wave element mast spacing creating an offset pattern. Cable harness is inside the mast and dipole booms.	8 bay, exposed dipole. Broad frequency response. Field adjustable 9 dB omni or 12 dB offset pattern.
140-174 6.2/9.2 10 500	150-174 6.7 10 500	108-174 8-8.5 36 300	138-174 8-8.5 36 300	150-174 9/12 10 500
N/A 15 Deg. N/A	N/A 16 Deg N/A	210 Deg. 17 Deg. N/A	210 Deg. 17 Deg. N/A	N/A 8 Deg. N/A
DC Ground None Harness with N Male U-bolts	Direct Ground None Harness with N Male DB365 Clamps	DC Ground None Harness with N Male ORDER CLAMPS SEP.	DC Ground None Harness with N Male ORDER CLAMPS SEP.	Direct Ground None Harness with N Male Bracket & clamps
21' N/A 2" N/A 34 Lbs.	21.66' N/A 2.75" N/A 45 Lbs.	20' N/A 2.4" N/A 59 Lbs.	20' N/A 2.4" N/A 48 Lbs.	40.6' N/A 2" N/A 72 Lbs.
100 MPH 4.9 N/A N/A 1 Year	100 MPH 4.85 194 1718 Ft.Lbs. 2 Years	100 MPH No Spec 318 lbs. N/A 2 Years	120 MPH 4.51 173 lbs. 761 2 Years	100 MPH 7.3 292 Lbs. 1,100 Ft.Lbs. 2 Years
79390 *150-160 w/ Mast **66176** *155-165 MHz w/ Mast $533.35 $384.00 34 lb. $373.34 15.45 kg. $362.67 **20305** *150-160 No Mast **58698** *155-165 MHz No Mast $500.00 $360.00 20 lb. $350.00 9.09 kg. $340.00	**82104** *150-160 MHz $1,240.00 $936.20 65 lb. $917.60 29.54 kg. $899.00	**52513** *138-174 MHz $960.00 $796.80 90 lb. $758.40 40.90 kg. $729.60	**72353** *138-174 MHz $960.00 $796.80 70 lb. $758.40 31.82 kg. $729.60	**82629** *150-160 MHz **31022** *155-165 MHz $1,565.00 $1,181.58 142 lb. $1,158.10 64.54 kg. $1,134.63

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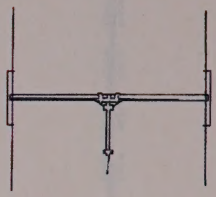
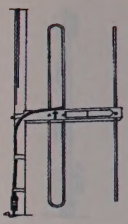
VHF, Dipole [340-33]

	Manufacturer Table	Decibel Products DB268
Product Narrative		8 bay, exposed dipole. Field tunable 9 dB omni or 12 dB offset pattern. Wiring in support pipe for lightning protection.
General Freq. (MHz)		150-174
Gain (dB)		9/12
Bandwidth >1.5 VSWR		10
Maximum Input Power (Watts)		500
H. Beamwidth (-3dB)		N/A
Vert. Beamwidth (-3dB)		8 Deg.
Front to Back Ratio (dB)		N/A
Lightning Prot.		Direct Ground
Direct Termination		None
Flexible Extension		Harness with N Male
Mount Hdw. Incl.		Bracket & clamps
Overall Length		42.6'
Element Housing Length		N/A
Support Pipe Dia.		2"
Support Pipe Length		N/A
Weight		85 Lbs.
Rated Wind Velocity (MPH)		100 MPH
Wind Load, (sq ft)		7.3
Lateral Thrust @ RWV (lbs)		292 Lbs.
Bend Moment @ RWV (lbs)		1,100 Ft.Lbs.
Warranty		2 Years
TESSCO Part No.		**48707** *150-160 MHz
List Price:	T-1 Price:	$1,955.00 $1,476.03
Ship lb.:	T-2 Price:	156 lb. $1,446.70
Ship kg.:	T-3 Price:	70.90 kg. $1,417.38

VHF, Directional [340-34]

	Manufacturer Table	Decibel Products DB214	Decibel Products DB225
Product Narrative		Bidirectional antenna consisting of two vertical halfwave radiators fed in phase through a cable transformer. 3.6dB gain in each direction.	Side mounted dipole with directo element. Semicircular pattern. 5 d gain. Heavy duty. Must mount to metal.
General Freq. (MHz)		150-174	150-174
Gain (dB)		3.6	5
Bandwidth >1.5 VSWR		12/160 MHz	2
Maximum Input Power (Watts)		500	500
H. Beamwidth (-3dB)		60 Deg.	120 Deg.
Vert. Beamwidth (-3dB)		N/A	N/A
Front to Back Ratio (dB)		N/A	18 db
Lightning Prot.		Direct Ground	Direct Ground
Direct Termination		None	None
Flexible Extension		Short Jumper/N Male	Short Jumper/N Male
Mount Hdw. Incl.		Angle Mount	Clamp Set
Overall Length		3' x 3.7'/160 MHz	3'
Element Housing Length		N/A	N/A
Support Pipe Dia.		1.5"x2" rect	1.5"x2" rect
Support Pipe Length		N/A	N/A
Weight		11 Lbs.	3 Lbs.
Rated Wind Velocity (MPH)		125 MPH	125 MPH
Wind Load, (sq ft)		1.0	.45
Lateral Thrust @ RWV (lbs)		40 Lbs.	18 Lbs.
Bend Moment @ RWV (lbs)		N/A	N/A
Warranty		1 Year	1 Year
TESSCO Part No.		**39765** *150-174	**19057** 152-153
List Price:	T-1 Price:	$1,190.00 $898.45	**57450** 158-159
Ship lb.:	T-2 Price:	14 lb. $880.60	$245.00 $184.98
Ship kg.:	T-3 Price:	6.36 kg. $862.75	6 lb. $181.30
			2.73 kg. $177.63





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nclair RL-227	Manufacturer Table	Cushcraft/Signals P1544 Series	Antenex YNT1523	Sinclair SRL-212EB
	VHF Yagi, Corner Reflector [340-35]			
xcellent, broadband corner reflec- r. Folded dipole feed permits peration under severe weather d ice conditions.	Product Narrative	4 element, 6.5 dB gain yagi. Elements are 3/16" dia. solid aluminum rod and booms are heavy wall aluminum tubing. Designed for rear mounting.	6.5 dB gain 3 element No-Tune SCADA yagi antenna. 100% welded. Sealed folded dipole driven element. Heavy duty cast aluminum mounting bracket.	3 element yagi of outstanding durability and performance. All elements are maintained at DC ground for lightning protection.
8-174 or less 0	General Freq. (MHz) Gain (dB) Bandwidth >1.5 VSWR Maximum Input Power (Watts)	130-174 6.5 5 400	152-159 6.5 7 MHz 250	138-174 6.5 6 250
Deg. Deg. dB	H. Beamwidth (-3dB) Vert. Beamwidth (-3dB) Front to Back Ratio (dB)	65 Deg. 80 Deg. 18 dB	81 Deg. 55 Deg. 12 dB	55 Deg. 81 Deg. 12 dB
rect Ground one ort Jumper/N Male amp Set	Lightning Prot. Direct Termination Flexible Extension Mount Hdw. Incl.	DC Ground UHF Female None U-bolts	DC Ground N Female 2' RG213/N Female Cast Alum.	Direct Ground None N Male, Short Jumper U-bolts
'A 'A 'A Lbs.	Overall Length Element Housing Length Support Pipe Dia. Support Pipe Length Weight	3.66' N/A N/A N/A 3 Lbs.	66" 40" N/A N/A 6.5 Lbs.	3.33' N/A N/A N/A 5 Lbs.
0 MPH 1 3 Lbs. 2 Ft.Lbs. Years	Rated Wind Velocity (MPH) Wind Load, (sq ft) Lateral Thrust @ RWV (lbs) Bend Moment @ RWV (lbs) Warranty	125 MPH 0.43 N/A N/A 1 Year	160 N/A N/A N/A 2 Years	150 MPH 0.82 130 Lbs. N/A 2 Years
3790 148-174 40.00 $697.20 lb. $663.60 .82 kg. $638.40	**TESSCO Part No.** List Price: T-1 Price: Ship lb.: T-2 Price: Ship kg.: T-3 Price:	**34752** 150-154.5 **73145** 154-158.5 **21538** 158-162.5 **59931** 162-166.5 $96.35 $69.35 5 lb. $67.43 2.27 kg. $65.50	**42476** 152-159 $590.00 $339.84 32 lb. $282.61 14.54 kg. $264.32	**25035** 152-159 $328.00 $272.24 15 lb. $259.12 6.82 kg. $249.28 **63428** 157-164 $328.00 $272.24 20 lb. $259.12 9.09 kg. $249.28

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VHF Yagi, Corner Reflector [340-35]

Manufacturer Table	Astron Wireless Tech. 130-4	Antenna Specialists ASP816	Decibel Products DB230	Astron Wireless Tech. 155-4
Product Narrative	4 element yagi. 7dB gain. Specify exact freq. "Ever Sealed" feed is impervious to moisture and other harsh environments.	3 element yagi. 7 dB gain. Fully tunable across the entire frequency range. Gold irradiated for long life.	3 element yagi. 7 dB gain. Mount to the top or side of a tower or wood pole. Broad beamwidth means orientation is not critical.	4 element yagi. 7dB gain. No tuni required. "Ever Sealed" feed is impervious to moisture and othe harsh environments.
General Freq. (MHz)	120-138	138-174	118-174	138-174
Gain (dB)	7	7	7	7
Bandwidth >1.5 VSWR	1	5	3/160 MHz	8 or less
Maximum Input Power (Watts)	150	500	500	150
H. Beamwidth (-3dB)	90 Deg.	87 Deg.	76 Deg.	90 Deg.
Vert. Beamwidth (-3dB)	60 Deg.	60 Deg.	95 Deg.	60 Deg.
Front to Back Ratio (dB)	15dB	15/20 dB	17 dB	15dB
Lightning Prot.	Direct Ground	Direct Ground	Direct Ground	Direct Ground
Direct Termination	None	N Female	None	None
Flexible Extension	1' RG58 w/ N Female	None	N Male, Short Jumper	1' RG58 w/ N Female
Mount Hdw. Incl.	U-bolts	U-bolts	Clamp Set	U-bolts
Overall Length	3.68'	3.5'	3.4'	3.68'
Element Housing Length	N/A	N/A	N/A	N/A
Support Pipe Dia.	N/A	1.3125"	2" x 3" rect	N/A
Support Pipe Length	N/A	N/A	N/A	N/A
Weight	2 Lbs.	8.91 Lbs.	11 Lbs.	2 Lbs.
Rated Wind Velocity (MPH)	125 MPH	189 MPH	125 MPH	125 MPH
Wind Load, (sq ft)	.382	.95	.92/160 MHz	.382
Lateral Thrust @ RWV (lbs)	No Spec	38 Lbs/160 MHz	37 Lbs/160 MHz	No Spec
Bend Moment @ RWV (lbs)	No Spec	49.2 Ft.Lbs.	N/A	No Spec
Warranty	2 Years	1 Year	1 Year	2 Years
TESSCO Part No.	**43124** *120-138	**21377** ^138-174	**53703** 150.5-153.5	**77112** 152-158
List Price: T-1 Price:	$109.00 $98.10	$207.00 $156.29	**92096** 154.5-157.5	$109.00 $98.10
Ship lb.: T-2 Price:	5 lb. $92.65	11 lb. $153.18	$300.00 $226.50	5 lb. $92.65
Ship kg.: T-3 Price:	2.27 kg. $89.38	5.00 kg. $150.08	26 lb. $222.00	2.27 kg. $89.38
			11.82 kg. $217.50	
			78882 173-175	
			$280.00 $211.40	
			26 lb. $207.20	
			11.82 kg. $203.00	

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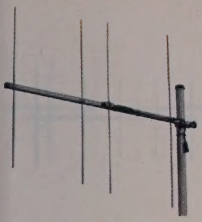
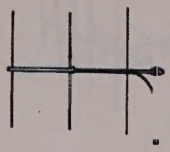
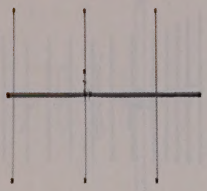
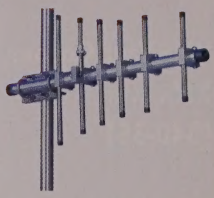
Astron Wireless Tech. 58-4	Antenex YS1503	Antenex Y1503	Maxrad, Inc MYA1503K	Cushcraft/Signals PLC1506 Series
				
element yagi. 7dB gain. No tun-ng required. "Ever Sealed" feed is npervious to moisture and other arsh environments.	7.1 dB gain 3 element silver series yagi antenna with element mounting holes threaded for positive RF connection.	3 element yagi. 7.1 dB directional gain. Gold anodized for longer life, element mount holes are threaded to provide positive RF connection.	3 element yagi. 7.1 dB directional gain. Element mounting holes threaded to provide positive lock and RF connection. Factory or field tuneable models.	Heavy duty, 6 element, end mounted yagi. Excellent forward gain and front-to-back ratio with clean patterns for greatest side rejection.
38-174 or less 50	150-174 7.1 1 MHz 500	150-174 7.1 .7 500	150-174 7.1 .7 500	129-174 7.5 8 400
0 Deg. 0 Deg. 5dB	72 Deg. 57 Deg. 17 dB	72 Deg. 57 Deg. 17 dB	72 Deg. 57 Deg. 17 dB	74 Deg. 53 Deg. 20 dB
Direct Ground None ' RG58 w/ N Female U-bolts	DC Ground N Female None U-bolts	DC Ground N Female None Clamp Set	DC Ground UHF Female None MYK-2 Mount	DC Ground UHF Female None U-bolts
.68' N/A N/A N/A Lbs.	41.5" N/A 2" N/A 3 Lbs.	3.5' N/A 2" N/A 3 Lbs.	3.5' N/A 1 5/8" N/A 3 Lbs.	5.5' N/A N/A N/A 6 Lbs.
25 MPH 382 No Spec No Spec Years	100 MPH 0.36 14.5 lbs 25.3 FT lbs. 2 Years	100 MPH .36 14.5 Lbs. 25.3 Ft. Lbs. 2 Years	100 MPH .36 14.5 Lbs. 25.3 Ft. Lbs. 2 Years	125 MPH 0.81 N/A N/A 1 Year
25505 154-162 109.00 $98.10 lb. $92.65 .27 kg. $89.38	**22714** 150-174 $104.00 $59.91 5 lb. $49.82 2.27 kg. $46.60	**83286** ^150-174 **420390** NEW ^150-174 $155.10 $89.32 2.82 lb. $74.28 1.28 kg. $69.48	**78558** *150-174 $105.65 $52.82 5 lb. $50.71 2.27 kg. $48.60 **88527** ^150-174 $100.35 $50.17 5 lb. $48.16 2.27 kg. $46.16	**69398** 150-158 $155.75 $112.12 7.65 lb. $109.00 3.48 kg. $105.89 **56184** 158-166 **42970** 166-174 $155.75 $112.12 12 lb. $109.00 5.45 kg. $105.89

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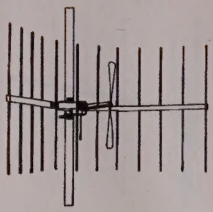
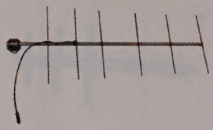
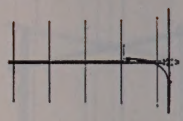
VHF Yagi, Corner Reflector [340-35]

Manufacturer Table	Decibel Products DB252	Antenna Specialists ASP817	RFS Celwave 1158S	Antenex Y1505
				
Product Narrative	Single corner reflector. 8 dB gain. Can be mounted on top or side of a tower or wood pole. Electrically flat reflector acts like a parabolic plane.	5 element yagi. 9 dB directional gain. Fully tunable across the entire frequency range.	6 element yagi. 9 dB directional gain. Narrow beamwidth and high front to back ratio reduces interference.	5 element yagi. 9.2 dB directiona gain. Gold anodized for longer li element mount holes are thread to provide positive RF connectio
General Freq. (MHz)	150-174	138-174	140-175	150-174
Gain (dB)	8	9	9	9.2
Bandwidth >1.5 VSWR	24	5	10	.7
Maximum Input Power (Watts)	500	500	500	500
H. Beamwidth (-3dB)	60 Deg.	60 Deg.	62 Deg.	56 Deg.
Vert. Beamwidth (-3dB)	66 Deg.	52 Deg.	48 Deg.	48 Deg.
Front to Back Ratio (dB)	25 dB	15/20 dB	20 dB	17 dB
Lightning Prot.	Direct Ground	Direct Ground	Direct Ground	DC Ground
Direct Termination	None	N Female	None	N Female
Flexible Extension	N Male, Short Jumper	None	N Male, 48" Jumper	None
Mount Hdw. Incl.	V-bolts	ASP617 Crossover	237 clamps	Clamp Set
Overall Length	4' H x 6.25' W	6.66'	6.5-7.08'	5'
Element Housing Length	N/A	N/A	N/A	N/A
Support Pipe Dia.	N/A	.9375"	1.31"	2"
Support Pipe Length	N/A	N/A	N/A	N/A
Weight	26 Lbs.	12.3 Lbs.	9 Lbs.	5 lbs
Rated Wind Velocity (MPH)	125 MPH	145 MPH	125	100 MPH
Wind Load, (sq ft)	3.2	1.5	0.59-0.65	.71
Lateral Thrust @ RWV (lbs)	140 Lbs.	60 Lbs.	37-41	27.6 Lbs.
Bend Moment @ RWV (lbs)	N/A	151 Ft.Lbs.	121-145'	82.7 Ft. Lbs.
Warranty	1 Year	1 Year	5 Years	2 Years
TESSCO Part No.	**77633** 150-174	**59770** ^138-174	**99514** 150-160 MHz	**31679** ^150-174
List Price: T-1 Price:	$695.00 $524.73	$250.00 $188.75	**47907** 160-170 MHz	$209.75 $120.81
Ship lb.: T-2 Price:	41 lb. $514.30	15 lb. $185.00	**78637** 165-175 MHz	7 lb. $100.47
Ship kg.: T-3 Price:	18.63 kg. $503.88	6.82 kg. $181.25	$450.00 $342.90	3.18 kg. $93.96
			20 lb. $337.50	
			9.09 kg. $330.75	

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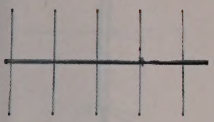
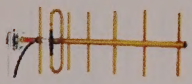
Antennas, Base Station

Maxrad, Inc MYA1505K	Decibel Products DB292	Sinclair SRL-206EB	Antenex YNT1526	Decibel Products DB286B
				
5 element yagi. Field tunable. Element mounting holes are threaded to provide positive lock and RF connection.	6 element yagi. 9.5 dB directional gain. Gain and VSWR is constant across the entire band. Mounts to the top or side of tower.	6 element yagi of outstanding durability and performance. All elements are maintained at DC ground for lightning protection.	9.5 dB gain 6 element No-Tune SCADA yagi antenna. 100% welded. Sealed folded dipole driven element. Heavy duty cast aluminum mounting bracket.	Dual 3 element yagis phased together to produce a 10dB directional gain pattern. Yagis are spaced 1/2 wavelength apart and fed in phase thru a transformer.
150-174 9.2 1.3 500	150-174 9.5 10 350	138-174 9.5 6 250	152-159 9.5 7 MHz 250	150-174 10 4/160 MHz 500
56 Deg. 48 Deg. 20 dB	62 Deg. 50 Deg. 18 dB	47 Deg. 60 Deg. 17 dB	60 Deg. 47 Deg. 17 dB	43 Deg. N/A 18 dB
Direct Ground UHF Female None MYK-2 Mount	Direct Ground None N Male, Short Jumper U-bolts	Direct Ground None N Male, Short Jumper U-bolts	DC Ground None 2' RG213/N Female Cast Alum.	Direct Ground None N Male, Short Jumper Angle Mount
5' N/A 2" N/A 3 Lbs.	7' N/A 1.5"x2" rect N/A 15 Lbs.	9' N/A N/A N/A 12 Lbs.	90" 42" N/A N/A 8.5 Lbs.	3' x 4' x 3'/160 MHz N/A 1.5" N/A 17 Lbs.
100 MPH 27.6 Lbs. 32.7 Ft. Lbs 2 Years	100 MPH 1.8 72 Lbs. N/A 1 Year	100 MPH 1.7 100 Lbs. N/A 2 Years	150 MPH N/A N/A N/A 2 Years	125 MPH 60 Lbs. N/A 1 Year
75313 ^150-174 $140.60 $71.71 1 lb. $68.90 .09 kg. $66.09	**44960** 150-160 **83353** 155-165 **31746** 164-174 $570.00 $430.35 19 lb. $421.80 8.64 kg. $413.25	**64677** 152-159 **13070** 157-164 $380.00 $315.40 30 lb. $300.20 13.64 kg. $288.80	**92834** 152-159 $670.00 $385.92 39 lb. $320.93 17.73 kg. $300.16	**19781** *150-174 $1,105.00 $834.28 32 lb. $817.70 14.54 kg. $801.13

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VHF Yagi, Corner Reflector [340-35]

Manufacturer	Maxrad, Inc	Cushcraft/Signals	Manufacturer
Table	MYA1506K	PLC1509 Series	Table
Product Narrative	6 element yagi. 10.2 dB gain. Field tunable. Element mounting holes are threaded to provide positive lock and RF connection.	Heavy duty, 9 element, 11.1dB gain yagi. For applications where maximum gain is required.	Product Narrative
General Freq. (MHz)	150-174	136-174	General Freq. (MHz)
Gain (dB)	10.2	11.1	Gain (dB)
Bandwidth >1.5 VSWR	1.5	8	Bandwidth >1.5 VSWR
Maximum Input Power (Watts)	500	400	Maximum Input Power (Watts)
H. Beamwidth (-3dB)	42 Deg.	44 Deg.	H. Beamwidth (-3dB)
Vert. Beamwidth (-3dB)	40 Deg.	35 Deg.	Vert. Beamwidth (-3dB)
Front to Back Ratio (dB)	20 dB	20 dB	Front to Back Ratio (dB)
Lightning Prot.	DC Ground	DC Ground	Lightning Prot.
Direct Termination	UHF Female	UHF Female	Direct Termination
Flexible Extension	None	None	Flexible Extension
Mount Hdw. Incl.	MYK-2 Mount	U-bolts	Mount Hdw. Incl.
Overall Length	8.66'	12'	Overall Length
Element Housing Length	N/A	N/A	Element Housing Length
Support Pipe Dia.	2"	N/A	Support Pipe Dia.
Support Pipe Length	N/A	N/A	Support Pipe Length
Weight	5 Lbs.	8.5 Lbs.	Weight
Rated Wind Velocity (MPH)	100 MPH	100 MPH	Rated Wind Velocity (MPH)
Wind Load, (sq ft)	.96	1.32	Wind Load, (sq ft)
Lateral Thrust @ RWV (lbs)	37.1 Lbs.	N/A	Lateral Thrust @ RWV (lbs)
Bend Moment @ RWV (lbs)	160.6 Ft. Lbs.	N/A	Bend Moment @ RWV (lbs)
Warranty	2 Years	1 Year	Warranty
TESSCO Part No.	**62099** ^150-174	**17791** 150-158	**TESSCO Part No.**
List Price: T-1 Price:	$164.40 $83.84	$260.05 $187.24	List Price: T-1 Price:
Ship lb.: T-2 Price:	10 lb. $80.56	15 lb. $182.04	Ship lb.: T-2 Price:
Ship kg.: T-3 Price:	4.54 kg. $77.27	6.82 kg. $176.84	Ship kg.: T-3 Price:

UHF Ground Plane, Coaxial [340-36]

Antenna Specialists	
ASP7A	
Product Narrative	Lighweight, quarterwave ground plane antenna. Has chrome plate brass radiator and stainless steel radials. Omnidirectional. Field tu able.
General Freq. (MHz)	108-470
Gain (dB)	Unity
Bandwidth >1.5 VSWR	4
Maximum Input Power (Watts)	100
H. Beamwidth (-3dB)	N/A
Vert. Beamwidth (-3dB)	100 Deg.
Front to Back Ratio (dB)	N/A
Lightning Prot.	Spark Gap Arr
Direct Termination	UHF Female
Flexible Extension	None
Mount Hdw. Incl.	U-Bolts
Overall Length	2.16'
Element Housing Length	N/A
Support Pipe Dia.	N/A
Support Pipe Length	N/A
Weight	.75 Lbs
Rated Wind Velocity (MPH)	100 MPH
Wind Load, (sq ft)	N/A
Lateral Thrust @ RWV (lbs)	N/A
Bend Moment @ RWV (lbs)	N/A
Warranty	90 Days
TESSCO Part No.	**49579** ^108-512
List Price: T-1 Price:	$67.00 $50.59
Ship lb.: T-2 Price:	1 lb. $49.58
Ship kg.: T-3 Price:	0.45 kg. $48.58

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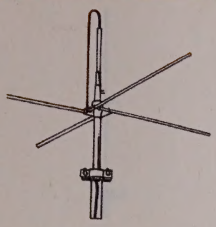
Antennas, Base Station

Sinclair SRL-301	Decibel Products DB201	Maxrad, Inc MBS Series	Antenna Specialists ASPR659 Series	Cushcraft/Signals CR450 Series
				
ightweight, unity gain antenna cov-rs 20 Mhz without adjustment. Can be stocked for reuse. Includes umper and N male connector.	Heavy duty, lightweight ground plane suitable for mounting on top of tower, pole or building. Omnidirectional. Unity gain.	Base matched, 1/2 wave with a no ground plane design. Easily field tuned. Aluminum construction. Omnidirectional.	Economy collinear antenna. 2dB gain. Utilizes precisely phased 5/8 wave radiators for peak performance with radials. Easy to install.	Broadband 2 dB gain "Ringo" Half-wave antenna fed with a matching section featuring a ring inductor. No tuning needed.
06-512 Unity 0 00	406-512 Unity 9/450 500	430-470 Unity 20 250	445-512 2 9 100	450-512 2 20 250
Omni 7 Deg. I/A	N/A 78 Deg. N/A	N/A 52 Deg. N/A	N/A N/A N/A	N/A N/A N/A
DC Ground None umper with N Male Clamp set	Direct Ground None Jumper with N Male DB365 clamps	DC Ground UHF Female None None supplied	Direct Ground None 12" RG58/UHF Female U-Bolt	DC Ground UHF Female None Clamps
I/A I/A I/A Lbs.	1.58'/450 MHz N/A 1.33" 12" 6 Lbs.	1.25' N/A 1" N/A .4 Lbs	38" N/A N/A N/A 2 Lbs.	1.42' N/A N/A N/A .53 Lbs.
50 MPH Lbs. I/A Years	125 MPH .3 11 Lbs. N/A 1 Year	90 MPH .05 2 Lbs. 1.2 Ft.Lbs. 2 Years	100 MPH N/A N/A N/A 90 Days	N/A .06 N/A N/A 1 Year
1526 406-420 208.00 $172.64 4 lb. $164.32 55 kg. $158.08 **5098** 450-470 208.00 $172.64 lb. $164.32 18 kg. $158.08	**37792** ^406-512 Field Tune $240.00 $181.20 13 lb. $177.60 5.91 kg. $174.00 **62971** 450-470 $245.00 $184.98 10 lb. $181.30 4.54 kg. $177.63	**61701** ^450-470 $73.75 $37.60 1.5 lb. $36.12 0.68 kg. $34.65	**96190** 445-470 $110.00 $83.05 2.5 lb. $81.40 1.14 kg. $79.75	**37250** 450-470 $72.55 $52.24 4 lb. $50.79 1.82 kg. $49.34

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UHF Ground Plane, Coaxial [340-36]

Manufacturer Table	Antenex VG4505	Sinclair SRL-317	Maxrad, Inc MBX Series	Radiall/Larsen FB2450
Product Narrative	Economical "Voyager" omnidirectional 2.85dB gain. Ideal for light duty UHF applications.	Extremely versatile antenna may be field tuned to resonance within a 20 MHz bandwidth. Omnidirectional,3dB gain.	3dB gain, low cost base matched collinear. Aluminum and stainless steel construction. Field tunable. Omnidirectional.	Economical 5/8 over 1/4 wave mobile antenna with attached ground plane. Kulrod plated stai less steel radials for maximum p formance.
General Freq. (MHz)	406-512	406-512	430-512	406-470
Gain (dB)	2.85	3	3	3.2
Bandwidth >1.5 VSWR	3% of center frequency	20	14	20
Maximum Input Power (Watts)	250	100	250	200
H. Beamwidth (-3dB)	N/A	Omni	N/A	N/A
Vert. Beamwidth (-3dB)	40 deg.	38 Deg.	30 Deg.	30 Deg.
Front to Back Ratio (dB)	N/A	N/A	N/A	N/A
Lightning Prot.	DC Ground	DC Ground	DC Ground	Direct Ground
Direct Termination	N Female	None	UHF Female	N Female
Flexible Extension	None	Jumper with N Male	None	None
Mount Hdw. Incl.	None	Clamp set	Clamp Supplied	Brackets & Clamps
Overall Length	50" typical	2'	2.5'	32 1/4"
Element Housing Length	N/A	N/A	N/A	N/A
Support Pipe Dia.	1.25"	N/A	1"	N/A
Support Pipe Length	6.5"	N/A	N/A	N/A
Weight	2 Lbs.	1.5 Lbs.	.6 Lbs	1 Lbs.
Rated Wind Velocity (MPH)	100 MPH	125 MPH	90 MPH	100 MPH
Wind Load, (sq ft)	N/A		.09	N/A
Lateral Thrust @ RWV (lbs)	N/A	13.5 Lbs.	3.2 Lbs.	N/A
Bend Moment @ RWV (lbs)	N/A	N/A	4 Ft.Lbs.	N/A
Warranty	2 Years	2 Years	2 Years	3 Years
TESSCO Part No.	**429131** 406-450 Field Tune	**12600** 406-420	**60452** ^450-470	**91406** 450-470
List Price: T-1 Price:	**73072** 450-512 Field Tune	**10102** 450-470	**98845** ^470-490	$133.35 $86.67
Ship lb.: T-2 Price:	$122.40 $70.51	$220.00 $182.60	**47238** ^490-512	2 lb. $80.00
Ship kg.: T-3 Price:	5 lb. $58.63	7 lb. $173.80	$94.00 $47.92	0.91 kg. $73.34
	2.27 kg. $54.84	3.18 kg. $167.20	5 lb. $46.04	
			2.27 kg. $44.17	

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adiall/Larsen SA450C	Cushcraft/Signals CRX450 Series	Antenna Specialists ASP2015	Cushcraft/Signals CRX450B Series
nd fed 1/2 wave model can be stalled on any 3/4" to 1-1/2" pipe. eld tunable. Kulrod plated stain-ss steel radiators for maximum erformance.	Broadband 5 dB gain "Ringo Ranger". Easy installation.	6 dB gain, collinear. Lightweight and easy to install. Field tunable. Omni-directional.	Broadband 6 dB gain "Ringo Ranger II". Omnidirectional. 1/4 wave whip. No ground plane or tuning required.
06-470 4 0	450-512 5 20 250	445-470 6 10 250	406-512 6 20 250
/A Deg. /A	N/A N/A N/A	N/A 17.5 Deg. N/A	N/A N/A N/A
rect Ground HF Female one ackets & Clamps	DC Ground UHF Female None Clamps	Direct Ground UHF Female None Bracket and U-Bolts	DC Ground UHF Female None Clamps
' A A A 8 Lbs	3.166' N/A N/A N/A 2 Lbs.	6.5' N/A N/A N/A 4 Lbs.	4.5' N/A N/A N/A 2.6 Lbs.
0 MPH A A A 'ears	N/A .16 N/A N/A 1 Year	77 MPH .28 11 Lbs. 28.2 Ft.Lbs. 90 Days	N/A .27 N/A N/A 1 Year
692 440-460 **3457** 450-470 2.20 $59.92 . $55.31 6 kg. $50.70	**22787** 450-470 $79.45 $57.20 1.05 lb. $55.61 0.48 kg. $54.02 **99573** 470-490 $79.45 $57.20 6 lb. $55.61 2.73 kg. $54.02	**74957** ^445-470 $245.00 $184.98 10 lb. $181.30 4.54 kg. $177.63	**61180** 450-470 $109.80 $79.05 1.9 lb. $76.85 0.86 kg. $74.65

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UHF Fiberglass/ PVC Radome [340-37]

Manufacturer Table	RFS Celwave BA6110	Decibel Products DB630	Maxrad, Inc MFB4500 Series	RFS Celwave BA6012 Series
Product Narrative	Omnidirectional fiberglass. Unity gain, broad frequency response. Heavy duty. Ideal as an emergency back up antenna.	Omnidirectional, fiberglass antenna. Dual skirt dipole design. Uses new Horizon Blue fiberglass radome for minimum tip deflection in high winds. Unity gain.	Economical omnidirectional fiber-glass antenna. Unity gain. Aluminum mounting base.	Omnidirectional fiberglass. Unity gain. Broad frequency response. Lightweight. Ideal as an emergen back up antenna.
General Freq. (MHz) Gain (dB) Bandwidth >1.5 VSWR Maximum Input Power (Watts)	406-512 Unity 62 500	406-512 Unity 32 MHz 500	406-512 Unity 10 250	406-512 Unity 22 @ 450 MHz 300
H. Beamwidth (-3dB) Vert. Beamwidth (-3dB) Front to Back Ratio (dB)	N/A 78 Deg. N/A	N/A 80 Deg. N/A	N/A 90 Deg. N/A	N/A 67 Deg. N/A
Lightning Prot. Direct Termination Flexible Extension Mount Hdw. Incl.	Direct Ground N Female None U-Bolts	Direct Ground N Female None DB365 Clamps	DC Ground None N Male, 16" Jumper Order Separately	Direct Ground N Female None N275F
Overall Length Element Housing Length Support Pipe Dia. Support Pipe Length Weight	3'+/- 2.7' 3.0" 1.04' 7 Lbs.	3.46' 2.17' 1.75" 13" 6 Lbs.	30" N/A 1 5/16" N/A 1 Lbs.	2.7' 2.2' 1.0" 0.32' 1.1 Lbs.
Rated Wind Velocity (MPH) Wind Load, (sq ft) Lateral Thrust @ RWV (lbs) Bend Moment @ RWV (lbs) Warranty	155 .75 47 Lbs. 31.2 Ft.Lbs. 5 Years	125 MPH 0.34 13.8 Lbs. 11.2 Ft.Lbs. 1 Year	100 MPH .11 5 Lbs. 5.2 Ft. Lbs. 2 Years	155 .12 8.1 Lbs. 5.4 Ft.Lbs. 5 Years
TESSCO Part No.	**86571** 400-470 MHz	**92494** 406-436	**80110** 440-450	**22999** 449-471 MHz
List Price: T-1 Price:	**422004** 450-512 MHz	**77593** 490-512	**15289** 450-460	**61392** 468-492 MHz
Ship lb.: T-2 Price:	$650.00 $495.30	$465.00 $351.08	**40468** 460-470	$320.00 $243.84
Ship kg.: T-3 Price:	11 lb. $487.50	12 lb. $344.10	**65647** 470-480	9 lb. $240.00
	5.00 kg. $477.75	5.45 kg. $337.13	**95380** 490-500	4.09 kg. $235.20
		79280 450-482	$110.05 $56.12	
		$465.00 $351.08	2 lb. $53.92	
		15.25 lb. $344.10	0.91 kg. $51.72	
		6.93 kg. $337.13		

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Antennas, Base Station

RFS Celwave BA6312 Series	Astron Wireless Tech. V-4600	Antenex FG4000Series	Cushcraft/Signals F400 Series	Cushcraft/Signals F400 Series
Omnidirectional fiberglass. Unity Gain. Broad frequency response. Lightweight.	Unity gain fiberglass ant. All brass internal radiator provides clean radiation pattern. Heavy wall alum. support mast. Environmental gray for discrete install.	Economical fiberglass omnidirectional unity gain. Gold anodized support pipe. Ideal for light duty applications.	Low cost omnidirectional fiberglass antenna. Does not need ground radials. Great for medium power applications.	Low cost omnidirectional fiberglass antenna. Does not need ground radials. Great for medium power applications.
449-503 Unity 18/450 MHz 300	450-470 Unity 20 100	380-512 Unity 20 200	380-512 .85 20 150	380-512 .85 dBd or 3 dBi 20 150
N/A 90 Deg. N/A	Omni 77 Deg. N/A	N/A 75 Deg. N/A	Omni N/A N/A	Omni N/A N/A
Direct Ground N Female None N275F	Direct Ground None 1' RG58 w/ N Female Clamp set	DC Ground N Female None None	DC Ground None Jumper w/ N-Female Clamps	DC Ground None Jumper w/ N-Female Clamps
4.4' 3.1' " 2.9' 2 Lbs.	24" 20" 1 1/8' 4" 2 Lbs.	2.1' N/A 1 5/16 N/A 1.2 Lbs	2' 10" N/A N/A N/A 2 lbs	2' 10" N/A N/A N/A 2 lbs
.55 32 Varies w/ Frequency Varies w/ Frequency Years	125 MPH .14 No Spec No Spec 2 Years	125 MPH .35 12.6 Lbs. 40.4 Ft. Lbs. 2 Years	125 MPH N/A N/A N/A 1 Year	125 MPH N/A N/A N/A 1 Year
21750 449-467 MHz **60143** 467-485 MHz $390.00 $297.18 lb. $292.50 .09 kg. $286.65	**31896** 450-470 $129.00 $116.10 5 lb. $109.65 2.27 kg. $105.78	**80245** 450-470 $119.60 $68.89 1 lb. $57.29 0.45 kg. $53.59 **61107** 470-490 $239.80 $138.12 4 lb. $114.86 1.82 kg. $107.43	**39929** 430-450 $108.25 $77.94 5 lb. $75.77 2.27 kg. $73.61	**92785** 450-470 $108.25 $77.94 3 lb. $75.77 1.36 kg. $73.61

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UHF Fiberglass/ PVC Radome [340-37]

Manufacturer Table	Cushcraft/Signals FRX Series	Sinclair SC 323-TB1	Decibel Products DB633	Maxrad, Inc MFB4503 Series
Product Narrative	Low cost omnidirectional fiber-glass antenna. 2.85dB gain. Great for medium power applications.	Fiberglass, omnidirectional antenna. 3dB gain. Includes jumper with N Male termination and mounting hardware.	Omnidirectional, fiberglass antenna. Dual skirt dipole design. Uses new Horizon Blue fiberglass radome for minimum tip deflection in high winds. 3dB gain.	Low cost, omnidirectional fibergla antenna. 3dB gain. Aluminum mounting base. Ideal for telemetr applications.
General Freq. (MHz)	380-512	380-400	406-512	406-512
Gain (dB)	2.85	3	3	3
Bandwidth >1.5 VSWR	20	20	32 MHz	10
Maximum Input Power (Watts)	150	300	500	250
H. Beamwidth (-3dB)	Omni	Omni	N/A	N/A
Vert. Beamwidth (-3dB)	N/A	28 Deg.	35 Deg.	38 Deg.
Front to Back Ratio (dB)	N/A	N/A	N/A	N/A
Lightning Prot.	DC Ground	DC Ground	Direct Ground	DC Ground
Direct Termination	None	None	N Female	None
Flexible Extension	Jumper w/ N-Female	Jumper with N Male	None	Jumper with N Male
Mount Hdw. Incl.	Clamps	Two type 120 clamps	DB365 Clamps	None
Overall Length	46"	6.625'	4.87'	5.9'
Element Housing Length	N/A	N/A	3.7'	N/A
Support Pipe Dia.	N/A	1.5"	1.75"	1 5/16"
Support Pipe Length	N/A	N/A	13"	N/A
Weight	2 lbs	6.1 Lbs.	8 Lbs.	4 Lbs.
Rated Wind Velocity (MPH)	125 MPH	150 MPH	125 MPH	100 MPH
Wind Load, (sq ft)	.215		0.49	.30
Lateral Thrust @ RWV (lbs)	N/A	61 Ft. Lbs.	19.7 Lbs.	10.8 Lbs.
Bend Moment @ RWV (lbs)	N/A	N/A	28.5 Ft.Lbs.	29 Ft.Lbs.
Warranty	1 Year	2 Years	1 Year	2 Years
TESSCO Part No.	**26715** 450-470	**491392** NEW 380-400	**27673** 406-436	**28503** 440-450
List Price: T-1 Price:	$127.00 $91.44	$600.00 $498.00	$665.00 $502.08	**53682** 450-460
Ship lb.: T-2 Price:	5 lb. $88.90	7 lb. $474.00	19 lb. $492.10	**78861** 460-470
Ship kg.: T-3 Price:	2.27 kg. $86.36	3.18 kg. $456.00	8.64 kg. $482.13	**14040** 470-480
			14459 450-482	**71842** 490-500
			$665.00 $502.08	$166.40 $84.87
			14 lb. $492.10	5 lb. $81.54
			6.36 kg. $482.13	2.27 kg. $78.21

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Antennas, Base Station

Antenex FG4000 Series	Antenex FG4505Series	RFS Celwave 1150	RFS Celwave 201	Maxrad, Inc MFB4505 Series
conomical omnidirectional fiber-lass antenna. 3.0 dB gain. Gold nodized support pipe.	Economical omnidirectional fiber-glass antenna. 4.5 dB gain. Gold anodized support pipe.	Omnidirectional fiberglass. 5 dB gain. Broad frequency response, good for duplex systems. Heavy duty. Includes ground radials.	Omnidirectional fiberglass. 5 dB gain. Broad frequency response suitable for duplex systems.	Low cost omnidirectional fiber-glass antenna. 5dB gain. Aluminum mounting base. Excellent for con-trol station use.
80-512 0 00	406-512 5 10 200	406-512 5 10 250	406-512 5 20 150	406-512 5 10 250
I/A 3 Deg. I/A	N/A 27 Deg. N/A	N/A 18 Deg. N/A	N/A 18 Deg. N/A	N/A 27 Deg. N/A
C Ground I Female lone lone	DC Ground N Female None None	Direct Ground N Female N Male, 18" Jumper 46 Clamps	Direct Ground N Female N Male, 18" Jumper 46 Clamps	DC Ground None Jumper with N Male None
66' I/A I/A /A Lbs	6.33' N/A 1 5/16" N/A 4 Lbs.	+/-8' +/-7' 2.375" 12" 8 Lbs.	+/-8' +/-7' 1 5/16" 12" 4 Lbs.	6.4' N/A 1 5/16" N/A 4 Lbs.
25 MPH 5 2.6 Lbs. 0.4 Ft. Lbs. Years	100 MPH .35 12.6 Lbs. 40.4 Ft. Lbs. 2 Years	100 .71-.73 29 Lbs. 117-122 Ft/Lbs. 5 Years	100 0.37-0.38 15 Lbs. 60-64 Ft/Lbs. 5 Years	100 MPH .35 12.6 Lbs. 40.4 Ft. Lbs. 2 Years
9858 440-450 **7181** 430-440 **1852** 450-460 **5782** 460-470 79.95 $103.64 lb. $86.19 73 kg. $80.61 **5240** 480-490 60.75 $207.77 lb. $172.78 73 kg. $161.60	**50537** 450-460 **89263** 460-470 $239.20 $137.78 4 lb. $114.58 1.82 kg. $107.17	**51654** 450-460 MHz **90047** 460-470 MHz $557.00 $424.44 25 lb. $417.75 11.36 kg. $409.40	**61320** 450-470 MHz **43345** 470-490 MHz $490.00 $373.38 19 lb. $367.50 8.64 kg. $360.15	**92075** 450-460 **27254** 460-470 $224.40 $112.20 7 lb. $107.72 3.18 kg. $103.23 **52433** 470-480 $224.40 $114.45 7 lb. $109.96 3.18 kg. $105.47

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UHF Fiberglass/ PVC Radome [340-37]

Manufacturer Table	Sinclair SRL-369	RFS Celwave 1150-8	Antenna Specialists ASP702	Decibel Products DB536
Product Narrative	This economical fiberglass base antenna has been designed to offer 5dB gain in the 450-470 MHz band.	Omnidirectional fiberglass. 5 dB gain. Broad frequency response, good for duplex systems. Heavy duty. Includes ground radials.	Omnidirectional collinear fiberglass. 5.25 dB gain. Full 20 MHz bandwidth. Can handle 500 watts with optional K300 (80677) jumper.	Omnidirectional, center fed col-linear antenna. Good beam posit and VSWR. Plugs at both ends f drainage. AEROGLAS constructi Horizon blue.
General Freq. (MHz)	450-470	406-512	450-470	406-470
Gain (dB)	5	5	5.25	5.5
Bandwidth >1.5 VSWR	20	12	20	10
Maximum Input Power (Watts)	300	250	250	400
H. Beamwidth (-3dB)	Omni	N/A	N/A	N/A
Vert. Beamwidth (-3dB)	18 Deg.	18 Deg.	14 Deg.	13 Deg.
Front to Back Ratio (dB)	N/A	N/A	N/A	N/A
Lightning Prot.	DC Ground	Direct Ground	Direct Ground	Direct Ground
Direct Termination	None	N Female	N Female	N Female
Flexible Extension	Jumper with N Male	N Male, 18" Jumper	None	None
Mount Hdw. Incl.	Clamp set	46 Clamps	ASPR616 Clamp Set	DB366 Clamps
Overall Length	7.42'	7.88'	8.4'	11.31'
Element Housing Length	N/A	6.88'	N/A	8'
Support Pipe Dia.	N/A	2.375"	N/A	N/A
Support Pipe Length	N/A	12"	N/A	23"
Weight	7.7 Lbs.	8 Lbs.	8 Lbs.	15 Lbs.
Rated Wind Velocity (MPH)	130 MPH	100	131 MPH	100 MPH
Wind Load, (sq ft)		.7	.59	1.08
Lateral Thrust @ RWV (lbs)	57 Lbs.	28 Lbs.	40.71 Lbs.	65 Lbs.
Bend Moment @ RWV (lbs)	N/A	113 Ft.Lbs.	140 Ft.Lbs.	N/A
Warranty	2 Years	5 Years	1 Year	1 Year
TESSCO Part No.	**85639** 450-470	**76833** 470-482 MHz	**39587** 450-470	**59622** 450-460
				21229 460-470
List Price: T-1 Price:	$728.00 $604.24	$557.00 $424.44	$812.00 $613.06	$620.00 $468.10
Ship lb.: T-2 Price:	10 lb. $575.12	25 lb. $417.75	21 lb. $600.88	54 lb. $458.80
Ship kg.: T-3 Price:	4.54 kg. $553.28	11.36 kg. $409.40	9.54 kg. $588.70	24.54 kg. $449.50

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Sinclair SC 329-TB1	Decibel Products DB636	Sinclair SRL-329HD	Telewave, Inc. ANT450F6	Antenna Specialists ASPRD700
Fiberglass, omnidirectional antenna. 6dB gain. Includes jumper with N Male termination and mounting hardware.	Omnidirectional, dual skirt dipole fiberglass with 32 MHz of bandwidth. Drain plugs at both ends. HorizonBlue radome with minimum tip deflection.	Heavy duty, broadband omnidirectional base antenna offers 6.2dB gain across the entire 450-470 range.	Omnidirectional collinear, fiberglass antenna. 6.2 dB gain. Cool blue radome. Suitable for top or side mounting.	Omnidirectional collinear fiberglass. 7dB gain. Lightweight.
380-400 6 20 300	450-512 6 32 500	450-470 6.2 20 300	450-470 6.2 20 500	450-470 7 10 250
Omni 13 Deg. N/A	N/A 20 Deg. N/A	Omni 14 Deg. N/A	N/A 20 Deg. N/A	N/A 10 Deg. N/A
DC Ground None Jumper with N Male Two type 120 clamps	Direct Ground N Female None DB365 Clamps	DC Ground None Jumper with N Male Clamp set	Direct Ground N Female Jumper with N Male ANTC483 clamp	DC Ground - None 19-4650-1 Clamp Set
9.85' N/A .5" N/A 7.5 Lbs.	9.3' 6.8' 2.5" 26" 30 Lbs.	11.08' N/A N/A N/A 9 Lbs.	8.3' 96 " long housing base 12" long 2.75" N/A 10 Lbs.	12.9' N/A 1 5/16" N/A 5 Lbs.
120 MPH 10 Ft. Lbs. N/A Years	225 MPH 1.61 64.4 Lbs. 210 Ft.Lbs. 1 Year	130 MPH 65 Lbs. N/A 2 Years	150 MPH 1.4 38 Lbs. 153 Ft.Lbs. 1 Year	103 MPH 1.1 30 Lbs. 109.1 Ft. Lbs. 1 Year
445374 NEW 380-400 $780.00 $647.40 0 lb. $616.20 .54 kg. $592.80	**52852** 406-436 **39638** 450-482 **78031** 480-512 $1,160.00 $875.80 45 lb. $858.40 20.45 kg. $841.00	**45997** 450-470 $780.00 $647.40 20 lb. $616.20 9.09 kg. $592.80	**45570** 450-470 $648.00 $502.20 25 lb. $492.48 11.36 kg. $482.76	**79229** 450-460 $525.00 $396.38 16 lb. $388.50 7.27 kg. $380.63

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UHF Fiberglass/ PVC Radome [340-37]

Manufacturer Table	Antenex FG4505Series	Antenna Specialists ASP700	Antenex FG4600 Series	Decibel Products DB538
Product Narrative	Economical omnidirectional fiber-glass antenna. 4.5 dB gain. Gold anodized support pipe.	Omnidirectional collinear fiberglass. 7dB gain. Lightweight.	Economical omnidirectional fiber-glass antenna. 7.0 dB gain. Gold anodized support pipe.	Omnidirectional collinear fibergla 7.5 dB gain. Strong AEROGLAS construction. Horizon blue color Drain plugs at both ends.
General Freq. (MHz)	406-512	450-470	406-512	380-512
Gain (dB)	7	7	7	7.5
Bandwidth >1.5 VSWR	10	10	10	10
Maximum Input Power (Watts)	200	250	200	400
H. Beamwidth (-3dB)	N/A	N/A	N/A	N/A
Vert. Beamwidth (-3dB)	27 Deg.	10 Deg.	14 Deg.	10 Deg.
Front to Back Ratio (dB)	N/A	N/A	N/A	N/A
Lightning Prot.	DC Ground	DC Ground	DC Ground	Direct Ground
Direct Termination	N Female	None	N Female	N Female
Flexible Extension	None	Harness w/ N Male	None	None
Mount Hdw. Incl.	None	ASPR616 Clamp Set	None	DB366 Clamps
Overall Length	9.00'	12.9'	107"	14.56'
Element Housing Length	N/A	N/A	N/A	12.34'
Support Pipe Dia.	1 5/16"	1 5/16"	N/A	2"
Support Pipe Length	N/A	N/A	N/A	24"
Weight	4 Lbs.	5 Lbs.	4 Lbs.	15 Lbs.
Rated Wind Velocity (MPH)	100 MPH	103 MPH	125 MPH	100 MPH
Wind Load, (sq ft)	.35	1.1	N/A	1.58
Lateral Thrust @ RWV (lbs)	12.6 Lbs.	30 Lbs.	N/A	50 Lbs.
Bend Moment @ RWV (lbs)	40.4 Ft. Lbs.	109.1 Ft. Lbs.	N/A	N/A
Warranty	2 Years	1 Year	2 Years	1 Year
TESSCO Part No.	**70285** 450-460	**66015** 460-470	**18678** 460-470	**33194** 460-470
List Price: T-1 Price:	$352.80 $203.19	$525.00 $396.38	$352.80 $203.19	$840.00 $634.20
Ship lb.: T-2 Price:	4 lb. $168.98	16 lb. $388.50	8 lb. $168.98	39 lb. $621.60
Ship kg.: T-3 Price:	1.82 kg. $158.04	7.27 kg. $380.63	3.64 kg. $158.04	17.73 kg. $609.00

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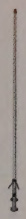
Antennas, Base Station

RFS Celwave 1151	RFS Celwave 458	Decibel Products DB638	Antenna Specialists ASP701	RFS Celwave 455
				
Omnidirectional collinear fiberglass. 8 dB gain. Heavy duty. Utilizes short angled ground radials.	Omnidirectional coaxial fiberglass. 8 dB gain. "Ruggedized" for use in areas where lightning is prevalent.	Omnidirectional dual skirt dipole fiberglass with 32 MHz of bandwidth. Drain plugs at both ends. Horizon blue radome with minimum tip deflection.	Omnidirectional collinear, fiberglass. 8.25 dB gain. High wind rating.	Omnidirectional collinear fiberglass antenna. 10 dB gain. Lightweight. Available with 3 degree or 6 degree downtilt by special order.
406-512 8 0-14 MHz Freq. Dependant 250	406-512 8 14-20 MHz Freq. Dependant 250	406-512 8 32 500	450-470 8.25 10 250	406-512 10 7-11 MHz Freq. Dependant 500
N/A 2 Deg. N/A	N/A 12 Deg. N/A	N/A 10 Deg. N/A	N/A 8 Deg. N/A	N/A 7 Deg. N/A
Direct Ground N Female umper with N Male 6 Clamps	Direct Ground N Female Jumper with N Male 46 Clamps	Direct Ground N Female None DB365 Clamps	DC Ground None Harness w/ N Male ASPR616 Clamp Set	Direct Ground N Female Jumper with N Male 46 Clamps
4.3'-16.5' 2.3'-14.5' .75" 4" 5-20 Lbs.	13.3'-14.4' 11.3'-12.4' 2 3/4" 24" 22 Lbs.	14' 11.66' 2.5" 26" 40 Lbs.	16.2' N/A 1 7/8" N/A 9.5 Lbs.	18.8'-21.5' 16.6'-19.5' 2.75" 24" 20-25 Lbs.
25 .61-1.83 'aries w/ Frequency 'aries w/ Frequency Years	100 1.8-1.94 Varies w/ Frequency Varies w/ Frequency 5 Years	173 MPH 2.70 108.1 Lbs. 700.8 Ft.Lbs. 1 Year	128 MPH 1.26 50.4 Lbs. 298 Ft. Lbs. 1 Year	100 Varies w/ Frequency Varies w/ Frequency Varies w/ Frequency 5 Years
10763 406-420 MHz **52370** 440-450 MHz **38798** 450-460 MHz **37191** 460-470 MHz **23977** 470-482 MHz **118016** 482-494 MHz 806.00 $614.18 5 lb. $604.50 0.45 kg. $592.41	**60994** 406-420 MHz **99387** 450-470 MHz $1,390.00 $1,059.18 46 lb. $1,042.50 20.91 kg. $1,021.65	**13210** 450-482 $1,418.00 $1,070.59 55 lb. $1,049.32 25.00 kg. $1,028.05	**14408** 450-460 $834.00 $629.67 27 lb. $617.16 12.27 kg. $604.65 **52801** 455-465 $765.00 $577.58 27 lb. $566.10 12.27 kg. $554.63 **91194** 460-470 $834.00 $629.67 27 lb. $617.16 12.27 kg. $604.65	**22601** 412-420 MHz **87422** 420-430 MHz **74208** 440-450 MHz **63492** 450-460 MHz $996.00 $758.96 58 lb. $747.00 26.36 kg. $732.06

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UHF Fiberglass/ PVC Radome [340-37]

Manufacturer Table	Antenna Specialists ASP705K	Decibel Products DB540	Decibel Products DB640	Sinclair SRL-320
Product Narrative	Omnidirectional collinear fiberglass. 10 dB gain. Can handle 500 watts with optional K300 (80677) jumper.	Omnidirectional collinear, fiberglass antenna. 10 dB gain. Strong new AEROGLAS construction for maximum strength. Drain plugs at both ends.	Omnidirectional collinear, fiberglass with 32 MHz bandwidth. Drain plugs at both ends. AEROGLAS construction. Horizon blue.	Heavy duty, broadband omnidire tional base antenna is designed t be used in severe weather condi tions. 10dB gain. Extra long supp pipe.
General Freq. (MHz)	450-470	380-512	406-512	406-470
Gain (dB)	10	10	10	10
Bandwidth >1.5 VSWR	20	10	32	10
Maximum Input Power (Watts)	250	400	600	250
H. Beamwidth (-3dB)	N/A	N/A	N/A	Omni
Vert. Beamwidth (-3dB)	7 Deg.	7 Deg.	6 Deg.	6 Deg.
Front to Back Ratio (dB)	N/A	N/A	N/A	N/A
Lightning Prot.	Direct Ground	Direct Ground	Direct Ground	DC Ground
Direct Termination	N Female	N Female	N Female	None
Flexible Extension	None	None	None	Jumper with N Male
Mount Hdw. Incl.	19-4650-1 Clamp	DB370 Clamps	DB5087 Clamps	Clamp set
Overall Length	18.25'	21.39'	23.9'	22'
Element Housing Length	N/A	20'	21.7'	N/A
Support Pipe Dia.	3-2.5" taper	2 3/4"	3 1/4"	N/A
Support Pipe Length	18"	26"	26"	N/A
Weight	25 Lbs.	66 Lbs.	35 Lbs.	25 Lbs.
Rated Wind Velocity (MPH)	144 MPH	100 MPH	100 MPH	125 MPH
Wind Load, (sq ft)	1.97	N/A	3.61	
Lateral Thrust @ RWV (lbs)	84.8 lbs.	100 Lbs.	110 Lbs.	103 Lbs.
Bend Moment @ RWV (lbs)	731.8 Ft. Lbs.	N/A	N/A	N/A
Warranty	1 Year	1 Year	1 Year	2 Years
TESSCO Part No.	**34450** 450-470	**19980** 450-460	**41805** 450-482	**71176** 450-460
List Price: T-1 Price:	$875.00 $660.63	**58373** 460-470	$2,175.00 $1,642.13	**34338** 460-470
Ship lb.: T-2 Price:	47 lb. $647.50	$1,090.00 $822.95	80 lb. $1,609.50	$932.00 $773.56
Ship kg.: T-3 Price:	21.36 kg. $634.38	85 lb. $806.60	36.36 kg. $1,576.88	50 lb. $736.28
		38.63 kg. $790.25		22.72 kg. $708.32

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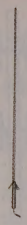
Telewave, Inc. ANT450F10	RFS Celwave 455	Manufacturer Table	Telewave, Inc. ANT450D	Decibel Products DB408 9 deg Downtilt
		**UHF Dipole [340-38]**		
Omnidirectional collinear fiberglass. 10 dB gain. Cool blue radome. Suitable for top or side mounting.	Omnidirectional collinear fiberglass antenna. 10 dB gain. Lightweight. Available with 3 degree or 6 degree downtilt by special order.	Product Narrative	Single 1/2-wave dipole antenna. Pattern can be adjusted by changing dipole to mast spacing. Durable coating resests weather. Mast not included.	4-bay, dual exposed dipole antenna. Field adjustable 0.0dB omni/1.2dB elliptical pattern. Extremely rugged. 9 degrees of downtilt.
450-470 10 20 500	406-512 10 7-11 MHz Freq. Dependant 500	General Freq. (MHz) Gain (dB) Bandwidth >1.5 VSWR Maximum Input Power (Watts)	406-512 Unity 106 200	406-512 0.0/1.2 20 250
N/A 10 Deg. N/A	N/A 7 Deg. N/A	H. Beamwidth (-3dB) Vert. Beamwidth (-3dB) Front to Back Ratio (dB)	66 Deg. 71 Deg. N/A	N/A 14 Deg. N/A
DC Ground N Female umper with N Male ANTC483 clamp	Direct Ground N Female Jumper with N Male 46 Clamps	Lightning Prot. Direct Termination Flexible Extension Mount Hdw. Incl.	DC Ground None Jumper w/ N Male Clamp set	Direct Ground None Jumper w/ N Male DB365-OS
20' N/A 3/4" N/A 5 Lbs.	18.8'-21.5' 16.6'-19.5' 2.75" 24" 20-25 Lbs.	Overall Length Element Housing Length Support Pipe Dia. Support Pipe Length Weight	1.16' N/A N/A N/A 3.6 Lbs.	9.42' N/A 1.75" N/A 17 Lbs.
00 MPH .2 8 Lbs. 03 Ft. Lbs. Year	100 Varies w/ Frequency Varies w/ Frequency Varies w/ Frequency 5 Years	Rated Wind Velocity (MPH) Wind Load, (sq ft) Lateral Thrust @ RWV (lbs) Bend Moment @ RWV (lbs) Warranty	150 MPH .24 6.3 Lbs. 5.4 Ft.Lbs. 1 Year	125 MPH 1.9 75.5 Lbs. 250 Ft.Lbs. 2 Years
97177 450-470 1,003.00 $777.33 8 lb. $762.28 1.82 kg. $747.24	**11885** 460-470 MHz **50278** 470-482 MHz **434008** 480-490 MHz **49029** 500-512 MHz $996.00 $758.96 58 lb. $747.00 26.36 kg. $732.06	**TESSCO Part No.** List Price: T-1 Price: Ship lb.: T-2 Price: Ship kg.: T-3 Price:	**33605** 405-512 $198.00 $153.45 13.66 lb. $150.48 6.21 kg. $147.51	**89073** 450-470 $590.00 $445.45 24 lb. $436.60 10.91 kg. $427.75

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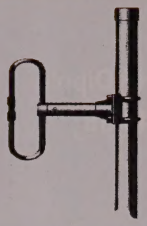
UHF Dipole [340-38]

Manufacturer Table	Sinclair SRL-310C*4	Sinclair SRL-310C*2	Cushcraft/Signals 4502P	Decibel Products DB404
				
Product Narrative	Single dipole antenna covers the entire 406-512 MHz range. Well suited for multicoupled systems. Cable harness is inside the mast. 1/4 wave from mast spacing.	Single dipole antenna covers the entire 406-512 MHz range. Well suited for multicoupled systems. Cable harness is inside the mast. 1/ 2 wave from mast spacing.	2 bay, dual exposed dipole antenna. 3.8 omni/ 5 offset gain. Heavy duty triple wall mast. Molded harness splices for lifelong weatherproofing.	2-bay, dual exposed dipole. Field adjustable, 3.8 dB omni/5dB ellipt cal pattern. Extra heavy duty con struction.
General Freq. (MHz)	406-512	406-512	406-512	406-512
Gain (dB)	2-2.5	2-2.5	3.8/5	3.8/5
Bandwidth >1.5 VSWR	106	106	20	20
Maximum Input Power (Watts)	75	75	500	250
H. Beamwidth (-3dB)	210	210	N/A	N/A
Vert. Beamwidth (-3dB)	68 Deg.	68 Deg.	27 Deg.	27 Deg.
Front to Back Ratio (dB)	N/A	N/A	N/A	N/A
Lightning Prot.	DC Ground	DC Ground	DC Ground	Direct Ground
Direct Termination	None	None	None	None
Flexible Extension	Jumper w/ N Male	Jumper w/ N Male	Jumper w/ N Male	Jumper w/ N Male
Mount Hdw. Incl.	ORDER CLAMPS SEP.	ORDER CLAMPS SEP.	U-bolts	DB365 clamps
Overall Length	5'	5'	4.2'	5'
Element Housing Length	N/A	N/A	N/A	N/A
Support Pipe Dia.	1.9"	1.9"	1.75"	1.75"
Support Pipe Length	N/A	N/A	N/A	N/A
Weight	7.7 Lbs.	7.7 Lbs.	15 Lbs.	14 Lbs.
Rated Wind Velocity (MPH)	200 MPH	200 MPH	125 MPH	125 MPH
Wind Load, (sq ft)	No Spec	No Spec	1.2	1.14
Lateral Thrust @ RWV (lbs)	65 Lbs.	65 Lbs.	N/A	45.5 Lbs.
Bend Moment @ RWV (lbs)	N/A	N/A	N/A	62 Ft.Lbs.
Warranty	2 Years	2 Years	1 Year	2 Years
TESSCO Part No.	**13667** 406-512	**96355** 406-512	**52962** 450-470	**27999** 406-420
List Price: T-1 Price:	$240.00 $199.20	$240.00 $199.20	$276.25 $198.90	$343.00 $258.97
Ship lb.: T-2 Price:	15 lb. $189.60	13 lb. $189.60	18.24 lb. $193.37	24 lb. $253.82
Ship kg.: T-3 Price:	6.82 kg. $182.40	5.91 kg. $182.40	8.29 kg. $187.85	10.91 kg. $248.68
				66392 450-470
				$270.00 $203.85
				24 lb. $199.80
				10.91 kg. $195.75
				91571 450-470E
				$270.00 $203.85
				12 lb. $199.80
				5.45 kg. $195.75
				53178 488-512
				$343.00 $258.97
				20 lb. $253.82
				9.09 kg. $248.68

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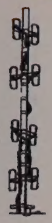
Antennas, Base Station

Decibel Products DB408D	Decibel Products DB408 4.5 deg Dwntlt	Sinclair SRL-335-2	Telewave, Inc. ANT450D6-9	Cushcraft/Signals PF457DA
				
Two, 2-bay dual dipole antennas on a single mast. Each has adjustable 3.8dB omni/5dB offset pattern.	4-bay, dual exposed dipole antenna. Field adjustable 5.5dB omni/6.7dB elliptical pattern. Extremely rugged. 4.5 degrees of downtilt.	Versatile broadband antenna features 6dB omni or 8.5dB bidirectional pattern coverage. Ideal for multicoupled systems.	4-bay, exposed dipole. Field adjustable 6 dB omni/9 dB elliptical pattern. Special coating withstands weather effects. Mast not included.	4 bay broadband array. 6 dB omni/9 dB offset gain. Through the boom element mounting for strength. Requires user supplied mast 2" OD x 8.5' or tower mount
406-512 3.8/5 20 250	406-512 5.5/6.7 20 250	406-512 6/8.5 62 300	406-512 6/9 106 500	450-470 6/9 20 500
N/A 14 Deg. N/A	N/A 14 Deg. N/A	360/80 16 Deg. N/A	N/A 23 Deg. N/A	N/A 14 Deg. N/A
Direct Ground None Jumper w/ N Male DB365-OS	Direct Ground None Jumper w/ N Male DB365-OS	DC Ground None Jumper w/ N Male Clamp set	DC Ground None Jumper w/ N Male Clamp set	Direct Ground None UHF Female on Harness 2" U-Bolts Only
9.42' N/A 1.75" N/A 17 Lbs.	9.42' N/A 1.75" N/A 17 Lbs.	9.5' N/A 2.375" N/A 30 Lbs.	9.5' N/A 1.75" N/A 15 Lbs.	8.5' N/A N/A N/A 5 Lbs.
125 MPH 1.9 75.5 Lbs. 250 Ft.Lbs. 2 Years	125 MPH 1.9 75.5 Lbs. 250 Ft.Lbs. 2 Years	100 MPH No Spec 94 Lbs. N/A 2 Years	150 MPH 2.5 66 Lbs. 306 Ft.Lbs. 1 Year	80 MPH N/A N/A N/A 1 Year
51929 450-470 $515.00 $388.83 29 lb. $381.10 13.18 kg. $373.38	**50680** 450-470 $590.00 $445.45 24 lb. $436.60 10.91 kg. $427.75	**84788** 406-470 $1,720.00 $1,427.60 50 lb. $1,358.80 22.72 kg. $1,307.20	**20391** 406-512 $782.00 $606.05 23 lb. $594.32 10.45 kg. $582.59	**31005** 450-470 $159.95 $115.17 5 lb. $111.97 2.27 kg. $108.77

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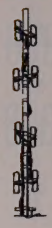
UHF Dipole [340-38]

Manufacturer Table	Cushcraft/Signals 4504S	Decibel Products DB314	Decibel Products DB408	Decibel Products DB420D
				
Product Narrative	4 bay, exposed dipole ant. 6 dB omni/9 dB offset. Heavy duty triple wall mast for greater strength. Molded harness splices for lifelong weatherproofing.	VHF/UHF combination. Top section is a 4 bay, dual dipole 450-470 MHz antenna. Lower section is a 2 bay, dual dipole 150-160 MHz antenna.	4-bay, dual exposed dipole antenna. Field adjustable 6.6dB omni/7.8dB elliptical pattern. Extremely rugged. Available with downtilt.	Two, 4-bay dual dipole antennas a single mast. Each has adjustable 6.6dB omni/7.8dB offset pattern.
General Freq. (MHz)	406-512	150/450	406-512	406-512
Gain (dB)	6/9	6.6	6.6/7.8	6.6/7.8
Bandwidth >1.5 VSWR	20	10 MHz VHF 20 MHz UHF	20	20
Maximum Input Power (Watts)	500	500	250	250
H. Beamwidth (-3dB)	N/A	N/A	N/A	N/A
Vert. Beamwidth (-3dB)	14 Deg.	32 V/14 U	14 Deg.	7 Deg.
Front to Back Ratio (dB)	N/A	N/A	N/A	N/A
Lightning Prot.	DC Ground	Direct Ground	Direct Ground	Direct Ground
Direct Termination	None	None	None	None
Flexible Extension	Jumper w/ N Male	Jumper w/ N Male	Jumper w/ N Male	Jumper w/ N Male
Mount Hdw. Incl.	U-bolts	DB365 clamps	DB365-OS	DB365 clamps
Overall Length	9.5'	18.1'	9.42'	18.08'
Element Housing Length	N/A	N/A	N/A	N/A
Support Pipe Dia.	1.75"	2"	1.75"	2"
Support Pipe Length	N/A	N/A	N/A	N/A
Weight	15 Lbs.	37 Lbs.	17 Lbs.	34 Lbs.
Rated Wind Velocity (MPH)	100 MPH	107 MPH	125 MPH	100 MPH
Wind Load, (sq ft)	1.5	3.3	1.9	3.33
Lateral Thrust @ RWV (lbs)	N/A	132 Lbs.	75.5 Lbs.	133 Lbs.
Bend Moment @ RWV (lbs)	N/A	938 Ft.Lbs.	250 Ft.Lbs.	N/A
Warranty	1 Year	1 Year	2 Years	2 Years
TESSCO Part No.	**78141** 450-470	**30497** 150/450	**26750** 406-420	**72112** 450-470
List Price: T-1 Price:	$346.70 $249.61	$1,589.00 $1,199.70	$525.00 $396.38	$1,085.00 $819.18
Ship lb.: T-2 Price:	15 lb. $242.67	54 lb. $1,175.86	29 lb. $388.50	58 lb. $802.90
Ship kg.: T-3 Price:	6.82 kg. $235.74	24.54 kg. $1,152.03	13.18 kg. $380.63	26.36 kg. $786.63
			65143 450-470	
			77108 450-470	
			$475.00 $358.63	
			29 lb. $351.50	
			13.18 kg. $344.38	

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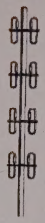
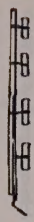
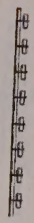
Antennas, Base Station

Decibel Products DB408	Cushcraft/Signals 4504P	Decibel Products DB411	Cushcraft/Signals 4508S	Decibel Products DB420
				
4-bay, dual exposed dipole antenna. Field adjustable 6.6dB omni/7.8dB elliptical pattern. Extremely rugged. Available with downtilt.	4 bay, dual dipole antenna. 6.8 omni/ 9.8 offset gain. Heavy duty triple wall mast for greater strength. Molded harness splices for lifelong weatherproofing.	4-bay, collinear exposed dipole. 9 dB gain. Elliptical pattern. Can mount to top or side tower.	8 bay exposed dipole ant. 9 dB omni/12 dB offset. Heavy duty triple wall mast for greater strength. Molded harness splices for lifelong weatherproofing.	8-bay, dual exposed dipole. Field adjustable 9.2 dB omni/10.4 elliptical pattern. Also available in dual or quad version.
406-512 6.6/7.8 20 250	406-512 6.8/9.8 20 500	406-512 9 20 250	406-512 9/12 20 500	406-512 9.2/10.4 20 250
N/A 14 Deg. N/A	N/A 14 Deg. N/A	N/A 14 Deg. N/A	N/A 7 Deg. N/A	N/A 7 Deg. N/A
Direct Ground None Jumper w/ N Male DB365-OS	DC Ground None Jumper w/ N Male U-bolts	Direct Ground None Jumper w/ N Male DB365 clamps	DC Ground None Jumper w/ N Male U-bolts	Direct Ground None Jumper w/ N Male DB365 clamps
9.42' N/A 1.75" N/A 7 Lbs.	9.5' N/A 1.75" N/A 19 Lbs.	9.42' N/A 1.75" N/A 25 Lbs.	18.5' N/A 1.75" N/A 34 Lbs.	18.08' N/A 2" N/A 34 Lbs.
125 MPH 1.9 15.5 Lbs. 150 Ft.Lbs. 1 Years	100 MPH 1.9 N/A N/A 1 Year	125 MPH 1.5 60 Lbs. 170 Ft.Lbs. 2 Years	100 MPH 2.5 N/A N/A 1 Year	100 MPH 3.33 133 Lbs. N/A 2 Years
13536 470-488 **38715** 488-512 $525.00 $396.38 9 lb. $388.50 3.18 kg. $380.63	**91355** 450-470 $428.95 $308.83 15 lb. $300.26 6.82 kg. $291.68	**24252** 450-470 $385.00 $290.68 27 lb. $284.90 12.27 kg. $279.13	**64927** 450-470 $673.35 $484.80 34 lb. $471.34 15.45 kg. $457.87	**73361** 450-470 **46933** 470-488 **85326** 488-512 $925.00 $698.38 58 lb. $684.50 26.36 kg. $670.63

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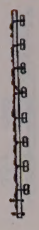
	Manufacturer Table	Cushcraft/Signals 4508P	Decibel Products DB413	Manufacturer Table	Scala Electronic Corp. BPV10-450/067
	UHF Dipole [340-38]			**UHF Panel [340-39]**	
Product Narrative		8 bay, dual dipole antenna. 9.3 dB omni/12.3 dB offset. Heavy duty triple wall mast for greater strength. Molded harness splices for lifelong weatherproofing.	8-bay, collinear exposed dipole. 12 dB gain directional pattern. Heavy duty construction.	Product Narrative	These directional broadband par antennas are intended for use in professional fixed station applica tions in the 406-512 MHz bands. They feature cast aluminum dipol Heavy fiberglass radomes assure excellent performance in heavy icing conditions.
General Freq. (MHz)		406-512	406-512	General Freq. (MHz)	406-512
Gain (dB)		9.3/12.3	12	Gain (dB)	7
Bandwidth >1.5 VSWR		20	20	Bandwidth >1.5 VSWR	
Maximum Input Power (Watts)		500	250	Maximum Input Power (Watts)	840
H. Beamwidth (-3dB)		N/A	N/A	H. Beamwidth (-3dB)	63
Vert. Beamwidth (-3dB)		7 Deg.	7 Deg.	Vert. Beamwidth (-3dB)	63
Front to Back Ratio (dB)		N/A	N/A	Front to Back Ratio (dB)	>17 dB
Lightning Prot.		DC Ground	Direct Ground	Lightning Prot.	DC Ground
Direct Termination		None	None	Direct Termination	7/16 Din
Flexible Extension		Jumper w/ N Male	Jumper w/ N Male	Flexible Extension	None
Mount Hdw. Incl.		U-bolts	DB365 clamps	Mount Hdw. Incl.	No (17765, 24625,90232)
Overall Length		18.5'	18.33'	Overall Length	39"
Element Housing Length		N/A	N/A	Element Housing Length	N/A
Support Pipe Dia.		1.75"	2"	Support Pipe Dia.	1.625" to 15" OD Mast
Support Pipe Length		N/A	N/A	Support Pipe Length	N/A
Weight		36 Lbs.	32 Lbs.	Weight	31 lbs.
Rated Wind Velocity (MPH)		100 MPH	122 MPH	Rated Wind Velocity (MPH)	130
Wind Load, (sq ft)		3.4	2.55	Wind Load, (sq ft)	Not Specified
Lateral Thrust @ RWV (lbs)		N/A	102 Lbs.	Lateral Thrust @ RWV (lbs)	Not Specified
Bend Moment @ RWV (lbs)		N/A	615 Ft.Lbs.	Bend Moment @ RWV (lbs)	Not Specified
Warranty		1 Year	2 Years	Warranty	5 Years
TESSCO Part No.		**26534** 450-470	**23003** 450-470	**TESSCO Part No.**	**51839** NEW 406-512
List Price:	T-1 Price:	$786.70 $566.41	$720.00 $543.60	List Price:	T-1 Price: $705.00 $705.00
Ship lb.:	T-2 Price:	36 lb. $550.67	60 lb. $532.80	Ship lb.:	T-2 Price: 31 lb. $705.00
Ship kg.:	T-3 Price:	16.36 kg. $534.94	27.29 kg. $522.00	Ship kg.:	T-3 Price: 14.09 kg. $705.00

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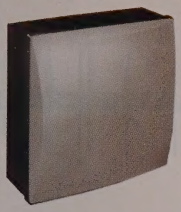
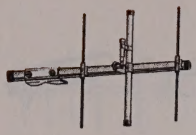
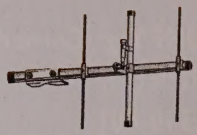
UHF Yagi, Corner Reflector [340-40]

	RFS Celwave 10054	Manufacturer Table	Astron Wireless Tech. 460-3	Cushcraft/Signals P4063	Cushcraft/Signals P4573
					
Product Narrative	Directional panel antenna. Not phase critical and can mount anywhere on tower. Weather resistant radome.		3 element yagi. 5.5dB gain. No tuning required. "Ever Sealed" feed is impervious to moisture and other harsh environments.	3 element, 6 dB gain yagi. Elements are grounded to the boom. Use when economy is a must or when front-to-back ratio is more important than gain.	3 element, 6 dB gain yagi. Elements are grounded to the boom. Use when economy is a must or when front to back ratio is more important than gain.
General Freq. (MHz)	400-520		450-470	406-430	450-470
Gain (dB)	7.3		5.5	6	6
Bandwidth >1.5 VSWR	40		20	24	20
Maximum Input Power (Watts)	250		100	250	250
H. Beamwidth (-3dB)	65 Deg.		116 Deg.	100 Deg.	100 Deg.
Vert. Beamwidth (-3dB)	65 Deg.		67 Deg.	65 Deg.	65 Deg.
Front to Back Ratio (dB)	25 dB		20dB	18 dB	20 dB
Lightning Prot.	Direct Ground		Direct Ground	DC Ground	DC Ground
Direct Termination	N Female		None	UHF Female	UHF Female
Flexible Extension	None		1' RG58 w/ N Female	None	None
Mount Hdw. Incl.	0238 Clamp Set		U-bolts	U-bolts	U-bolts
Overall Length	20"H x 20"W x 10"D		1.25'	15.25"	1.27'
Element Housing Length	N/A		N/A	N/A	N/A
Support Pipe Dia.	N/A		N/A	N/A	N/A
Support Pipe Length	N/A		N/A	N/A	N/A
Weight	8 Lbs.		1.5 Lbs.	1.5 Lbs.	1.5 Lbs.
Rated Wind Velocity (MPH)	00		125 MPH	125 MPH	125 MPH
Wind Load, (sq ft)	.81		.125	0.1	0.1
Lateral Thrust @ RWV (lbs)	12 Lbs.		No Spec	N/A	N/A
Bend Moment @ RWV (lbs)	4.5 Ft.Lbs.		No Spec	N/A	N/A
Warranty	years		2 Years	1 Year	1 Year
TESSCO Part No.	**68416** 440-480 MHz		**24256** 450-470	**85110** 406-430	**71896** 450-470
List Price: T-1 Price:	$990.00 $754.38		$89.00 $80.10	$45.10 $32.45	$45.10 $32.45
Ship lb.: T-2 Price:	0 lb. $742.50		2 lb. $75.65	4 lb. $31.55	4 lb. $31.55
Ship kg.: T-3 Price:	8.18 kg. $727.65		0.91 kg. $72.98	1.82 kg. $30.65	1.82 kg. $30.65

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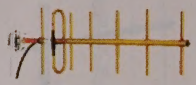
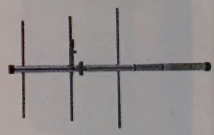
UHF Yagi, Corner Reflector [340-40]

Manufacturer Table	Sinclair SRL-312	Antenex YNT4503	Sinclair SRL-350	Maxrad, Inc MYA4503 Series
				
Product Narrative	Rugged, 3 element yagi. Reflector and director elements are welded to the boom reducing risk of damage & misalignment.	6.5 dB gain 3 element No-Tune SCADA yagi antenna. Gold anodized. 100% welded. Sealed folded dipole driven element. Heavy duty cast aluminum mounting bracket.	Broadband , 6 element yagi covers the entire 406-470 MHz band. Excellent for use where ice and frost conditions are prevalent.	3 element yagi antenna. 7.1 dB directional gain. Solid elements are threaded for positive lock to boom
General Freq. (MHz)	406-512	450-470	406-512	406-512
Gain (dB)	6.5	6.5	7	7.1
Bandwidth >1.5 VSWR	24 or less	20 MHz	64	15
Maximum Input Power (Watts)	250	250	250	300
H. Beamwidth (-3dB)	83 Deg.	83 Deg.	80 Deg.	72 Deg.
Vert. Beamwidth (-3dB)	59 Deg.	59 Deg.	60 Deg.	57 Deg.
Front to Back Ratio (dB)	12 dB	12 dB	10 dB	17 dB
Lightning Prot.	Direct Ground	DC Ground	Direct Ground	DC Ground
Direct Termination	None	None	None	UHF Female
Flexible Extension	Short Jumper w/ N Male	2' RG213 w/ N Female	Short Jumper w/ N Male	None
Mount Hdw. Incl.	Clamp set	Cast Alum.	Clamp set	MYK-1 Mount
Overall Length	1.35'	16.2"	2.33'	1.8'
Element Housing Length	N/A	14.25"	N/A	N/A
Support Pipe Dia.	N/A	N/A	N/A	7/8"
Support Pipe Length	N/A	N/A	N/A	N/A
Weight	3 Lbs.	3 Lbs.	5 Lbs.	2 Lbs.
Rated Wind Velocity (MPH)	125 MPH	125 MPH	150 MPH	100 MPH
Wind Load, (sq ft)	0.17	N/A	0.22	0.25
Lateral Thrust @ RWV (lbs)	14 Lbs.	N/A	24 Lbs.	9.1 Lbs.
Bend Moment @ RWV (lbs)	N/A	N/A	N/A	8.2 Ft.Lbs.
Warranty	2 Years	2 Years	2 Years	2 Years
TESSCO Part No.	**74144** 406-430	**77122** 450-470	**98074** 406-470	**10492** 406-420
List Price: T-1 Price:	$176.00 $146.08	$272.90 $157.19	$280.00 $232.40	$68.40 $34.87
Ship lb.: T-2 Price:	5 lb. $139.04	6 lb. $130.72	5 lb. $221.20	2.35 lb. $33.50
Ship kg.: T-3 Price:	2.27 kg. $133.76	2.73 kg. $122.26	2.27 kg. $212.80	1.07 kg. $32.13
	63432 450-470			**22457** 450-470
	$176.00 $146.08			$68.40 $34.18
	6 lb. $139.04			5 lb. $32.82
	2.73 kg. $133.76			2.27 kg. $31.45
				59601 470-490
				84780 490-512
				$68.40 $34.87
				5 lb. $33.50
				2.27 kg. $32.13

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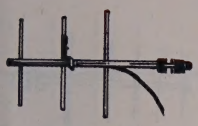
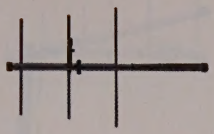
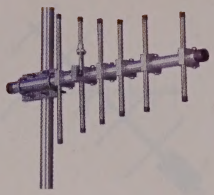
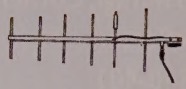
Antennas, Base Station

Antenex Y4503 Series	Maxrad, Inc BMYA4503 Series	Cushcraft/Signals PLC456 Series	Antenna Specialists ASPR766	Decibel Products DB432
				
7.1 dB gain 3 element gold anodized yagi antenna. Solid elements are welded to boom for high durability.	3 element yagi antenna. 7.1 dB directional gain. Solid elements are threaded for positive lock to boom. Black finish.	6 element, 7.5 dB gain broadband yagi. Excellent forward gain and front to back ratio with clean patterns for greatest side rejection.	5-element yagi. 7.5 dB directional gain. Broad frequency response.	6 element yagi. 8 dB directional gain. Lightweight. Excellent for control or point to point communications.
406-512	406-512	406-512	450-512	450-470
7.1	7.1	7.5	7.5	8
20	15	20	20	20
300	300	250	100	100
72 Deg.	72 Deg.	74 Deg.	60 Deg.	70 Deg.
57 Deg.	57 Deg.	53 Deg.	50 Deg.	50 Deg.
17 dB	17 dB	25 dB	15 dB	N/A
DC Ground	DC Ground	DC Ground	Direct Ground	Direct Ground
N Female	UHF Female	UHF Female	UHF Female	N Female
None	None	None	None	None
Clamp set	MYK-1 Mount	U-bolts	U-bolts	Clamp set
1.9'	1.9'	2.6'	2.5'	3'
N/A	N/A	N/A	N/A	N/A
1-5/8"	1-5/16"	2-1/8" max.	N/A	N/A
N/A	N/A	N/A	N/A	N/A
2 Lbs.	1.5 Lbs.	3.67 Lbs.	2 Lbs.	5 Lbs.
100 MPH	100 MPH	125 MPH	270 MPH	100 MPH
0.15	0.15	0.41	0.02	0.52
6.1 Lbs.	6.1 Lbs.	N/A	7.6 Lbs.	N/A
5.9 Ft. Lbs.	5.9 Ft.Lbs.	N/A	8.4 Ft. Lbs.	N/A
2 Years	2 Years	1 Year	1 Year	1 Year
34324 406-430	**60850** 450-470	**68149** 406-420	**86198** 450-470	**19256** 450-470
$260.65 $150.13	$87.25 $44.49	$136.35 $98.16	$136.00 $102.68	$119.00 $89.85
5 lb. $124.85	4 lb. $42.74	5.6 lb. $95.44	4 lb. $100.64	8 lb. $88.06
2.27 kg. $116.77	1.82 kg. $41.00	2.55 kg. $92.71	1.82 kg. $98.60	3.64 kg. $86.28
70072 450-470		**54935** 450-470	**34591** 470-488	
$133.95 $77.14		$136.35 $98.16	$150.00 $113.25	
3 lb. $64.15		5.45 lb. $95.44	4 lb. $111.00	
1.36 kg. $60.00		2.48 kg. $92.71	1.82 kg. $108.75	

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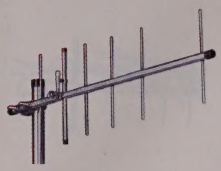
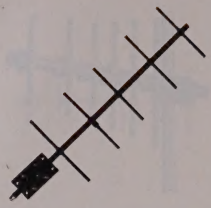
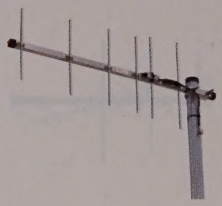
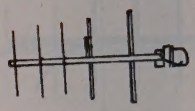
UHF Yagi, Corner Reflector [340-40]

Manufacturer Table	Cushcraft/Signals PE4576	Maxrad, Inc BMOY UHF Yagi Series	Astron Wireless Tech. 460-6	Antenex Y4505 Series
				
Product Narrative	6 element, 8.2 dB gain yagi. Through the boom insulated mounting and has UV stabilized insulators and stainless steel retainers to reduce corrosion.	5 element 9dB black yagi. No tuning required. Seamless aluminum construction, 360 deg. welds, and a powder coated finish give superior durability. Mnt. hrdw incl.	6 element yagi. 9dB gain. No tuning required. Rugged construction with sealed "Antenna Feed" for greater endurance. Stainless steel hardware included.	9.2 dB gain 5 element gold anodized yagi antenna. Solid elements are welded to boom for high durability
General Freq. (MHz)	450-470	406-512	406-512	406-512
Gain (dB)	8.2	9	9	9.2
Bandwidth >1.5 VSWR	20	34	20 or more	20
Maximum Input Power (Watts)	250	150	100	300
H. Beamwidth (-3dB)	59 Deg.	N/A	62 Deg.	72 Deg.
Vert. Beamwidth (-3dB)	50 Deg.	N/A	50 Deg.	57 Deg.
Front to Back Ratio (dB)	8.2 dB		17dB	17 dB
Lightning Prot.	DC Ground	DC Ground	Direct Ground	DC Ground
Direct Termination	UHF Female	N Female	None	N Female
Flexible Extension	None	None	1' RG58 w/ N Female	None
Mount Hdw. Incl.	U-bolts	MYK-1 Mount	V-bolts	Clamp set
Overall Length	3'	34" Boom Length	2.75'	3.1'
Element Housing Length	N/A		N/A	N/A
Support Pipe Dia.	7/8"	1-5/8"	N/A	2"
Support Pipe Length	N/A		N/A	N/A
Weight	2.4 Lbs.	1.6 lbs	2 Lbs.	2 Lbs.
Rated Wind Velocity (MPH)	125 MPH	100 MPH	125 MPH	100 MPH
Wind Load, (sq ft)	0.3	N/A	.236	0.23
Lateral Thrust @ RWV (lbs)	N/A	24.2 lbs	N/A	9.3 Lbs.
Bend Moment @ RWV (lbs)	N/A	32.4 ft.lbs.	N/A	12.6 Ft.Lbs.
Warranty	1 Year	2 Years	2 Years	2 Years
TESSCO Part No.	**95826** 450-470	**47612** 406-440	**86579** 450-470	**72717** 406-430
List Price: T-1 Price:	$57.35 $41.28	**89227** 440-480	$109.00 $98.10	$160.65 $92.54
Ship lb.: T-2 Price:	2.45 lb. $40.14	**24406** 470-512	5 lb. $92.65	5 lb. $76.96
Ship kg.: T-3 Price:	1.11 kg. $38.99	$155.00 $77.50	2.27 kg. $89.38	2.27 kg. $71.98
		1.6 lb. $74.40		**42395** 450-470
		0.73 kg. $71.30		$160.75 $92.58
				5 lb. $76.99
				2.27 kg. $72.01

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See TESSCO.com for latest pricing and produc
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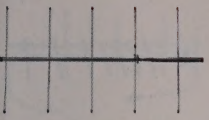
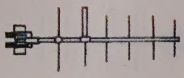
Maxrad, Inc MYA4505 Series	Sinclair SRL-307	Decibel Products DB436	Decibel Products DB437	RFS Celwave 688S
				
5 element yagi. 9.2 dB directional gain. Solid elements are threaded for positive lock to boom. Available in black finish.	Rugged, 7 element yagi. Reflector and director elements are welded to the boom reducing risk of damage & misalignment.	6 element yagi. 10 dB directional gain. Heavy duty.	6 element yagi. 10 dB directional gain. Heavy duty. Gold anodized version with radome covered radiator and jumper.	7 element yagi. 10 dB gain directional gain. Lightweight aluminum construction.
406-512 12 5 00	403-512 10 24 or less 250	406-512 10 20 250	406-512 10 20 250	406-512 10 20 250
6 Deg. 8 Deg. 0 dB	55 Deg. 41 Deg. 20 dB	60 Deg. 44 Deg. 16 dB	60 Deg. 44 Deg. 16 dB	50 Deg. 40 Deg. 15 dB
DC Ground UHF Female None MYK-1 Mount	Direct Ground None Short Jumper w/ N Male U-bolts	Direct Ground None Short Jumper w/ N Male Clamp set	Direct Ground None Short Jumper w/ N Male Clamp set	Direct Ground None Short Jumper w/ N Male U-bolts
.75' N/A -5/16" N/A Lbs.	3' N/A N/A N/A 5 Lbs.	2.9' N/A 1" N/A 7.0 Lbs.	2.9' N/A 1" N/A 7.0 Lbs.	+/-4' N/A N/A N/A 3.75 Lbs.
00 MPH .23 .3 Lbs. 2.6 Ft.Lbs. Years	187 MPH 0.35 48 Lbs. N/A 2 Years	125 MPH 0.45 18 Lbs. N/A 1 Year	125 MPH 0.45 18 Lbs. N/A 1 Year	100 0.35 14 Lbs. 24.5 Ft. Lbs. 5 Years
47636 450-470 94.10 $47.05 lb. $45.17 .73 kg. $43.29 **97994** 470-490 **43173** 490-512 94.10 $48.00 lb. $46.11 .73 kg. $44.23 **36029** 450-470 116.25 $59.29 lb. $56.96 .73 kg. $54.64	**88607** 403-430 **62179** 450-470 $180.00 $149.40 8 lb. $142.20 3.64 kg. $136.80	**69614** 406-420 $245.00 $184.98 10 lb. $181.30 4.54 kg. $177.63 **56400** 450-470 **94793** 470-494 **43186** 488-512 $235.00 $177.43 10 lb. $173.90 4.54 kg. $170.38	**29972** 406-420 $275.00 $207.63 9.06 lb. $203.50 4.12 kg. $199.38 **16758** 450-470 $245.00 $184.98 9.06 lb. $181.30 4.12 kg. $177.63	**41734** 406-420 MHz **16555** 450-470 MHz $244.00 $185.93 8 lb. $183.00 3.64 kg. $179.34 **54948** 470-494 MHz **80127** 494-512 MHz $265.00 $201.93 8 lb. $198.75 3.64 kg. $194.78

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UHF Yagi, Corner Reflector [340-40]

Manufacturer Table	Decibel Products DB438	Decibel Products DB254	Sinclair SRL-307RC-HD	Antenna Specialists ASP760
Product Narrative	6 element yagi. 10 dB directional gain. Heavy duty. Gold anodized version with radome covered radiator.	Broadband corner reflector. High front to back ratio. Also available in 12.5 dB, 2 stack and 15 dB, 4 stack versions.	Heavy duty, radome enclosed directional antenna ideally suited to harsh environment applications. Can handle 110 MPH winds with 1.5" of radial ice.	7 element yagi. 10 dB directional gain. Broad frequency response.
General Freq. (MHz)	406-512	406-512	406-470	450-512
Gain (dB)	10	10	10	10
Bandwidth >1.5 VSWR	20	20	24 or less	20
Maximum Input Power (Watts)	250	300	250	250
H. Beamwidth (-3dB)	60 Deg.	38 Deg.	48 Deg.	60 Deg.
Vert. Beamwidth (-3dB)	44 Deg.	56 Deg.	42 Deg.	46 Deg.
Front to Back Ratio (dB)	16 dB	25 dB	15 dB	15 dB
Lightning Prot.	Direct Ground	Direct Ground	Direct Ground	Direct Ground
Direct Termination	N Female	None	N Female	None
Flexible Extension	None	Short Jumper w/ N Male	None	24" Jumper w/ N Male
Mount Hdw. Incl.	Clamp set	U-bolts	Clamp set	U-bolts
Overall Length	2.9'	2'	2.5'	3.75'
Element Housing Length	N/A	N/A	N/A	N/A
Support Pipe Dia.	1"	N/A	N/A	2-3/8"
Support Pipe Length	N/A	N/A	N/A	N/A
Weight	7.0 Lbs.	10 Lbs.	19 Lbs.	5.7 lbs.
Rated Wind Velocity (MPH)	125 MPH	125 MPH	118 MPH	212 MPH
Wind Load, (sq ft)	0.45	1.1	1.80	0.33
Lateral Thrust @ RWV (lbs)	18 Lbs.	44 Lbs.	113 Lbs.	16.4 Lbs.
Bend Moment @ RWV (lbs)	N/A	N/A	N/A	26.5 Ft. Lbs.
Warranty	1 Year	1 Year	2 Years	1 Year
TESSCO Part No.	**67116** 450-470	**51205** 450-470	**35751** 450-470	**61019** 445-470
List Price: T-1 Price:	$285.00 $215.18	$490.00 $369.95	$1,008.00 $836.64	$260.00 $196.30
Ship lb.: T-2 Price:	7.8 lb. $210.90	12.26 lb. $362.60	22 lb. $796.32	8 lb. $192.40
Ship kg.: T-3 Price:	3.55 kg. $206.63	5.57 kg. $355.25	10.00 kg. $766.08	3.64 kg. $188.50

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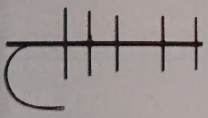
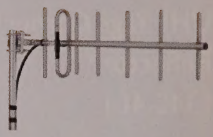
Antennas, Base Station

Radiall/Larsen YA3-450 Series	Cushcraft/Signals PC457N	Maxrad, Inc MYA4506 Series	Antenex Y4506 Series	Antenex YNT4507
				
5 element yagi. 10dB gain. Gold chromate finish. Staked 3/8" elements provide superior durability.	7 element, 10 dB gain yagi. Boom and elements welded together for strength and weatherability. No tuning required.	6 element yagi. Solid elements have threaded mounting holes for positive lock to boom. 10.2 dB directional gain. Available in black finish.	10.2 dB gain 6 element gold anodized yagi antenna. Solid elements are welded to boom for high durability.	10.2 dB gain 7 element No-Tune SCADA yagi antenna. Gold anodized. 100% welded. Sealed folded dipole driven element. Heavy duty cast aluminum mounting bracket.
406-470	450-490	406-512	406-512	450-470
10	10	10.2	10.2	10.2
20	20	15	20	20 MHz
800	350	300	300	250
60 Deg.	52 Deg.	42 Deg.	72 Deg.	62 Deg.
50 Deg.	44 Deg.	40 Deg.	57 Deg.	48 Deg.
20 dB	20 dB	20 dB	20 dB	20 dB
Direct Ground	DC Ground	DC Ground	DC Ground	DC Ground
UHF Female	UHF Female	UHF Female	N Female	None
None	None	None	None	2' RG213 w/ N Female
U-bolts	Short Jumper w/ N Female	MYK-1 Mount	Mounting Clamps	Cast Alum.
U-bolts	U-bolts			
2.875'	3.17'	3.5'	3.66'	43.75"
N/A	N/A	N/A	N/A	14.25"
N/A	N/A	1 5/16"	2"	1.5" to 3" OD w/ Incl. brackets
N/A	N/A	N/A	N/A	N/A
1.7 Lbs.	1.5 Lbs.	2.5 Lbs	3 Lbs.	5 Lbs.
100 MPH	125 MPH	100 MPH	100 MPH	170 MPH
.235	0.3	0.29	.29	N/A
11.7 Lbs.	N/A	12.2 Lbs.	12.2 Lbs	N/A
18.5 Ft. Lbs.	N/A	21.4 Ft.Lbs.	21.4 ft. lbs.	N/A
3 Years	1 Year	2 Years	2 Years	2 Years
94546 450-470	**58682** 450-470	**48885** 406-420	**37145** 450-470	**25515** 450-470
$90.00 $58.50	**97075** 470-490	$110.35 $56.27	$171.55 $98.80	$365.00 $210.24
4 lb. $54.00	$112.00 $80.64	6 lb. $54.06	4.5 lb. $82.16	5 lb. $174.84
1.82 kg. $49.50	4 lb. $78.40	2.73 kg. $51.85	2.05 kg. $76.85	2.27 kg. $163.52
	1.82 kg. $76.16	**72815** 450-470		
		$110.35 $55.16		
		6 lb. $52.96		
		2.73 kg. $50.75		
		46387 470-490		
		71566 490-512		
		$110.35 $56.27		
		6 lb. $54.06		
		2.73 kg. $51.85		

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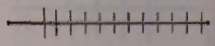
UHF Yagi, Corner Reflector [340-40]

Manufacturer Table	Astron Wireless Tech. 460-10	Cushcraft/Signals PLC4510 Series	Maxrad, Inc MYA45012 Series	Maxrad, Inc MYA43012N
				
Product Narrative	10 element yagi. 11dB gain. No tuning required. "Ever Sealed" feed is impervious to moisture and other harsh environments.	10 element, 11.5 dB gain broadband yagi. For applications where maximum gain is required.	12 element yagi has solid elements and threaded mounting holes for positive lock to boom. Available in black finish.	12 element yagi has solid elements and threaded mounting holes for positive lock to boom. Available in black finish.
General Freq. (MHz)	406-512	406-512	406-512	406-512
Gain (dB)	11	11.5	12.25	12.25
Bandwidth >1.5 VSWR	20	20	15	15
Maximum Input Power (Watts)	100	250	300	300
H. Beamwidth (-3dB)	45 Deg.	42 Deg.	36 Deg.	36 Deg.
Vert. Beamwidth (-3dB)	40 Deg.	37 Deg.	34 Deg.	34 Deg.
Front to Back Ratio (dB)	20dB	25 dB	25 dB	25 dB
Lightning Prot.	Direct Ground	DC Ground	DC Ground	DC Ground
Direct Termination	None	UHF Female	UHF Female	N Female
Flexible Extension	1' RG58 w/ N Female	None	None	None
Mount Hdw. Incl.	U-bolts	U-bolts	MYK-2 Mount	MYK-2 Mount
Overall Length	5.50'	5.5'	6'	6'
Element Housing Length	N/A	N/A	N/A	N/A
Support Pipe Dia.	N/A	N/A	2"	2"
Support Pipe Length	N/A	N/A	N/A	N/A
Weight	2.8 Lbs.	5.25 Lbs.	5 Lbs.	5 Lbs.
Rated Wind Velocity (MPH)	100 MPH	125 MPH	100 MPH	100 MPH
Wind Load, (sq ft)	.457	0.68	.62	.62
Lateral Thrust @ RWV (lbs)	No Spec	N/A	24.9 Lbs.	24.9 Lbs.
Bend Moment @ RWV (lbs)	No Spec	N/A	74.6 Ft. Lbs.	74.6 Ft. Lbs.
Warranty	2 Years	1 Year	2 Years	2 Years
TESSCO Part No.	**57653** 450-470	**29756** 406-420	**87278** 450-470	**51437** 430-450
List Price: T-1 Price:	$149.00 $134.10	**16542** 450-470	$165.70 $84.51	$168.70 $86.04
Ship lb.: T-2 Price:	8 lb. $126.65	**93328** 470-490	6 lb. $81.19	6 lb. $82.66
Ship kg.: T-3 Price:	3.64 kg. $122.18	$206.85 $148.94	2.73 kg. $77.88	2.73 kg. $79.29
		9 lb. $144.80	**35671** 450-470	
		4.09 kg. $140.66	$196.90 $100.41	
			6 lb. $96.48	
			2.73 kg. $92.54	

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764-806 MHz Fiberglass Omni Antenna [340-42]

Manufacturer Table	RFS Celwave A07806 Series

Type	Fiberglass
Product Narrative	Designed for 764-806 MHz mobile radio systems typically used by public safety organizations. This antenna is suited for both receive and transmit applications.
General Freq. (MHz)	764-806
Gain (dBd)	6
Gain (dBi)	8.1
Bandwidth @ Rated VSWR (MHz)	42 for 1.5:1 VSWR
Maximum Input Power (Watts)	500
Vert. Beamwidth	12 deg.
Downtilt (deg)	N/A
VSWR @ 50 ohms	Not Specified
Polarization	Vertical
Intermodulation	Not Specified
Null Fill	Not Specified
Sidelobe Suppression (dB)	Not Specified
Lightning Prot.	Direct Ground
Size (HxWxD")	8.6' x 2"
Weight	16 Lbs.
Rated Wind Velocity	100 MPH
Wind Load, (sq ft)	0.846
Lateral Thrust	33.83 lbf
Bending Moment @ RWV	111.2 ft-lbf
Connector (direct)	See Below
Jumper Included	None
Connector Placement	Not Specified
Mount Hdw. Incl.	46
Incl. Hardware Fits	1 - 2 3/4" pipe
Opt. Pipe Clamps	
Warranty	5 Years

TESSCO Part No.		436300 NEW N-Female	
List Price:	T-1 Price:	$850.00	$647.70
Ship lb.:	T-2 Price:	30 lb.	$637.50
Ship kg.:	T-3 Price:	13.64 kg.	$624.75
		464300 NEW 7-16 DIN	
		$935.00	$712.47
		30 lb.	$701.25
		13.64 kg.	$687.23

Monitor/Scanner Antennas [340-79]

Manufacturer Table	Antenna Specialists MON-64	Antenna Specialists MONR-31

Product Narrative	All band monitor antenna. Provides excellent reception at a economy price. Lightweight and easy to install.	All band monitor antenna. Outstanding performance on all bands. Increases monitor reception by as much as 100%.
Freq. Range	25-1000	25-1000
Termination	UHF Female	None
Termination/Jumper	None	UHF Female/ 18" lead
Mount Hdw. Incl.	U-bolts	U-bolts
Warranty	1 Year	1 Year

TESSCO Part No.		16122		79428	
List Price:	T-1 Price:	$59.50	$30.05	$128.85	$65.07
Ship lb.:	T-2 Price:	2.25 lb.	$29.58	2.75 lb.	$64.04
Ship kg.:	T-3 Price:	1.02 kg.	$29.22	1.25 kg.	$63.26

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Base Antenna Accessories [340-80]

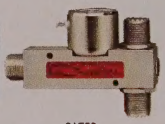
Mobile to Base Station Adapter Kit

20963

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
72570 I EACH	Antenex MBC 2 Years	Converts mobile antenna to a temporary base station. Use with Antenex/Motorola style 3/4" hole mount VHF and UHF antennas. SO239/ UHF-F terminated	30.00 0.36 0.16	17.28 14.37 13.44
20963 I EACH	Antenex MBC800 2 Years	Converts mobile antenna to a temporary base station. Use with Antenex/Motorola style 3/4" hole mount 800 MHz antennas. N terminated.	30.00 0.36 0.16	17.28 14.37 13.44
38478 I EACH	Radiall/Larsen BSA KIT 3 Years	Base station mounting kit. Mates with PQ, PO or NMO (with A4 adapter, sku 93832). Includes radials and clamps.	53.35 0.99 0.45	34.67 32.00 29.34
10094 I EACH	Maxrad, Inc MBS800 2 Years	Base station adapter. Stainless steel hardware and aluminum tubing construction. Used with 800 MHz Motorola style antennas.	29.00 0.71 0.32	14.79 14.21 13.63
36522 I EACH	Maxrad, Inc MBS 2 Years	Base station adapter kit for any Maxrad 136 or higher frequency antenna. Includes bracket, clamps, radials and mounting to male PL259.	29.00 0.76 0.35	14.50 13.92 13.34
97729 I EACH	Maxrad, Inc MBS-UHF 2 Years	Base station adapter kit for any Maxrad 406 to 512 MHz frequency antenna. Includes bracket, clamps, radials and mounting to N connector.	29.00 0.76 0.35	14.50 13.92 13.34

Coaxial Cable/Antenna Switches

43360



81753

Antenna Switches allow the selection of one of two antennas with a single radio or vice versa. Can handle up to 1KW, 600 Mhz max frequency. 50 Ohm. SO239 female UHF connectors on all three ports.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
43360 I EACH	NewMar CS-201 1 Year	S.P.D.T. Manual coax switch.	65.00 1 0.45	45.50 43.88 41.73
81753 I EACH	NewMar RCS 1 Year	S.P.D.T. 12VDC Remote Operated Coax switch. 250mA coil current.	564.00 1 0.45	372.24 366.60 358.14

Power Splitters, Power Dividers [340-81]

If you are buying these, you may need:

Wrenches.....page 1581
Heat Shrink Tubing.....page 1736
Heat Shrink Guns.....page 1738
Cable Ties.....page 1745

3-Port Star Junctions

Microlab/FXR Model J3 series are designed for circuits where impedance match and isolation are relatively unimportant, and a single point junction is desirable.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Power (Watts) Split	Connectors Size (in.)	Loss (dB) VSWR Isolation (dB)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
49833 I EACH	Microlab/FXR J3-1TN 1 Year	100 - 2200 500 33/33/33	N Female 1.5 x 1.5 x 1.5	N/A	80.00 2.5 1.14	79.60 79.36 79.20

4-Port Star Junctions

Microlab/FXR Model J4 series are designed for circuits where impedance match and isolation are relatively unimportant, and a single point junction is desirable.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Power (Watts) Split	Connectors Size (in.)	Loss (dB) VSWR Isolation (dB)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
49836 I EACH	Microlab/FXR J4-1TN 1 Year	100 - 2200 500 33/33/33	3 N/F, 1 N/M 1.5 x 2.0 x 1.5	N/A	90.00 2.5 1.14	89.55 89.28 89.10

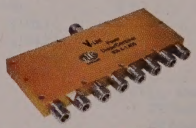
CSI Cellular Specialties, Inc.
Wavelink is a subsidiary of CSI
For optimum performance, CSI now offers a complete line of antennas.

Power Dividers and Combiners

These standard coaxial dividers/combiners are offered in various configurations covering full octave bands to 2.0 GHz. These units are ideally suited for use in Cellular and PCS base stations. Standard units have N female terminations, can handle 10 watts of power and provides 20dB of isolation between ports.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Power (Watts) Split	Connectors Size (in.)	Loss (dB) VSWR Isolation (dB)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
456152 I EACH	Cellular Specialties CSI-S-2BSC 1 Year	700 - 2400 10 2-Way	N Female 2 x 2 x .82	0.6 1.2:1	130.00 0.44 0.2	84.50 84.50 81.90
448024 I EACH	Cellular Specialties CSI-S-3BSC 1 Year	700 - 2400 10 3-Way	N Female 4.75 x 2.1 x 1	4.9 1.4:1	170.00 0.56 0.25	110.50 110.50 107.10
443039 I EACH	Cellular Specialties CSI-S-4BSC 1 Year	700 - 2400 10 4-Way	N Female 6.25" x 2.1" x 1"	6.4 1.2:1	198.00 0.75 0.34	128.70 128.70 124.74

MECA Dual Band Power Dividers



MECA introduces the dual band (800-2000 MHz) "V-Line" isolated power divider/combiners in 2 way through 8 way. SMA and N Female terminations are available. These compact units are ideally suited for your value applications where high performance and reliability must be achieved through low cost.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Power (Watts) Split	Connectors Size (in.)	Loss (dB) VSWR Isolation (dB)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
480046 I EACH	MECA Electronics Inc. 802-4-1.400 1 Year	800-2000 20 2-Way	N Female 2 x 2 x .75	0.3 1.15:1 Max 30 Typ.	85.00 0.44 0.2	80.75 78.20 76.50
429033 I EACH	MECA Electronics Inc. 803-4-1.400 1 Year	800-2000 20 3-Way	N Female 3.25 x 3 x .750	0.35 1.15:1 Max 23 Typ.	110.00 0.56 0.25	104.50 101.20 99.00
458088 I EACH	MECA Electronics Inc. 804-4-1.400 1 Year	800-2000 20 4-Way	N Female 3.25 x 4 x .750	0.60 1.20:1 Max 27 Typ.	125.00 0.88 0.4	118.75 115.00 112.50
NEW 428355 I EACH	MECA Electronics Inc. 804-2-1.400 1 Year	800-2000 20 4-Way	SMA Female 3.25 x 4 x .750	0.60 1.20:1 Max 27 Typ.	139.00 0.88 0.4	132.05 127.88 125.10
NEW 486341 I EACH	MECA Electronics Inc. 806-2-1.400 1 Year	800-2000 20 6-Way	SMA Female 3.25 x 3 x .440	0.60 1.10:1 Max 25 Typ.	206.45 1 0.45	196.10 189.91 185.78

TESSCO TECHNOLOGIES®
^ = Field tunable to exact frequency * = Specify frequency when ordering
NORTH AMERICA 800-472-7373 FAX 410-527-0005
REST OF WORLD +1 410-229-1200 WWW.TESSCO.COM
NEW = New Listing. Pricing for reference only. See TESSCO.com for latest pricing and products.
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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Power (Watts) Split	Connectors Size (in.)	Loss (dB) VSWR Isolation (dB)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 456330 1 EACH	MECA Electronics Inc. 806-4-1.400 1 Year	800-2000 20 6-Way	N Female 5.75 x 3 x .750	0.80 1.10:1 Max 27 Typ.	215.00 1 0.45	204.25 197.80 193.50
NEW 418340 1 EACH	MECA Electronics Inc. 808-4-1.500V 1 Year	800-2000 20 8-Way	N Female 8.00 x 2.50 x .750	0.80 1.10:1 Max 27 Typ.	262.00 1 0.45	248.90 241.04 235.80
NEW 434368 1 EACH	MECA Electronics Inc. 808-2-1.400 1 Year	800-2000 20 8-Way	SMA Female 4.50 x 3.50 x .440	0.80 1.10:1 Max 30 Typ.	243.00 1 0.45	230.85 223.56 218.70

Two-Way Power Dividers

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Power (Watts) Split	Connectors Size (in.)	Loss (dB) VSWR Isolation (dB)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
40049 1 EACH	Telewave, Inc. PS1502/N 1 Year	132-174 Receive 2-Way	N Female 1.3 x 1.8 x 3.5	0.2 1.3:1	79.00 3 1.36	61.23 60.04 58.86
19017 1 EACH	Telewave, Inc. ANTPD21 1 Year	138-174 500 2-Way	N Female 21 x 2.5	3.2 1.5:1	112.00 5 2.27	86.80 85.12 83.44
90089 1 EACH	Antenna Specialists K522 1 Year	144-174 500 2-Way	N Female 20 x 5.8	3.2 1.5:1	149.00 1.81 0.82	113.69 111.75 111.01
58528 1 EACH	Microlab/FXR D2-12FN 1 Year	380-960 500 2-Way	N Female 8 x 2.75 x .7	3.0 1.2:1	175.00 0.73 0.33	174.13 173.60 173.25
58568 1 EACH	Microlab/FXR D2-22FD 1 Year	380-960 700 2-Way	DIN Female 10 x 3.15 x 1.5	3.0 1.2:1	195.00 0.5 0.23	194.03 193.44 193.34
65228 1 EACH	Telewave, Inc. PS4502/N 1 Year	400-512 Receive 2-Way	N Female 1.3 x 1.8 x 3.5	3.2 1.3:1	79.00 0.44 0.2	61.23 60.04 58.86
87993 1 EACH	Comtelco CC450 1 Year	400-512 125 N female	N Female 24 x 2	3.1 1.5:1	86.40 1.44 0.65	42.77 41.91 41.04
10998 1 EACH	Telewave, Inc. ANTPD24 1 Year	406-512 500 2-Way	N Female 8.5 x 2.5	3.2 1.5:1	102.00 2.5 1.14	79.05 77.52 75.99
38482 1 EACH	Antenna Specialists K526 1 Year	406-512 500 2-Way	N Female 8 x 0.6	3.2 1.5:1	129.00 0.91 0.41	97.40 95.46 93.53
40612 1 EACH	RFS Celwave PD278 5 Years	420-480 500 2-Way	2 N/F, 1 N/M 24" harness	3.2 1.5:1	127.00 0.78 0.35	96.78 95.25 93.35
484003 1 EACH	Bird Electronics 350-AD-FFN-2 1 Year	460-970 350 2-Way	N Female	0.4dB 1.3:1	300.00 2 0.91	299.10 298.20 297.00
480005 1 EACH	Bird Electronics 350-BD-FFE-2 1 Year	460-970 350 2-Way	7/16 female extended	0.4dB 1.3:1	400.00 2 0.91	398.80 397.60 396.00
22963 1 EACH	Telewave, Inc. ANTPD28 1 Year	790-920 500 2-Way	N Female 3.5 x 5	3.2 1.3:1	102.00 2 0.91	79.05 77.52 75.99
71827 1 EACH	Telewave, Inc. ANTPD28D 1 Year	790-920 500 2-Way	DIN Female 3.5 x 5	3.2 1.3:1	142.00 2 0.91	110.05 107.92 105.79
10853 1 EACH	Teracom Components Inc. T4AM-7160-E0 1 Year	810-960 MHz 1000 4-Way	DIN Female 7.9 x 3.4 x 3	3.02dB 1.12:1	377.00 2.86 1.3	339.30 320.45 294.06
443057 1 EACH	Bird Electronics 100-AD-FFN-03 1 Year	806-906 100 3-Way	N Female	6.5 1.25:1	175.00 2 0.91	174.48 173.95 173.25
48411 1 EACH	Telewave, Inc. PS8602 1 Year	806-866 Receive 2-Way	N Female 1.3 x 1.8 x 3.5	3.2 1.3:1	79.00 1 0.45	61.23 60.04 58.86
36386 1 EACH	Comtelco CC850 1 Year	800-960 125 2-Way	N Female 12	3.1 1.5:1	86.40 2 0.91	42.77 41.91 41.04
76875 1 EACH	Antenna Specialists K528 1 Year	800-960 500 2-Way	N Female 5 x .6	3.2 1.5:1	129.00 0.71 0.32	98.43 96.75 96.11

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Power (Watts) Split	Connectors Size (in.)	Loss (dB) VSWR Isolation (dB)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
71291 1 EACH	RFS Celwave PD10072 5 Years	800-960 500 2-Way	N Female 5 x 0.5	3.2 1.5:1	190.00 1 0.45	144.78 142.50 139.65
53953 1 EACH	RFS Celwave PD10071 5 Years	806-1000 500 2-Way	N Female 5 x 0.5	3.2 1.5:1	250.00 1.36 0.62	190.50 187.50 183.75
58573 1 EACH	Microlab/FXR D2-24FD 1 Year	800-2200 700 2-Way	DIN Female 10 x 3.15 x 1.5	3.0 1.15:1	175.00 2.96 1.35	174.13 173.60 173.25
58556 1 EACH	Microlab/FXR D2-14FN 1 Year	800-2200 500 2-Way	N Female 8 x 2.75 x .7	3.0 1.2:1	85.00 0.44 0.2	84.58 84.32 84.15
424000 1 EACH	Bird Electronics 30-AD-FFN-2 1 Year	800-2.4 GHz 30 2-Way	N Female	0.5dB 1.2:1	145.00 2 0.91	144.57 144.13 143.55
NEW 457364 1 EACH	Sinclair PD2SF800-2500-1 2 Years	800-2500 1 SMA Connector	SMA Connector 2.36" x 1.75" x .4"	.5 1.5 23	200.00 1 0.45	164.00 150.00 148.00
97006 1 EACH	Telewave, Inc. ANTPD29D 1 Year	900-1100 500 2-Way	DIN Female 3.5 x 5	3.22 1.3:1	142.00 2 0.91	110.05 107.92 105.79
56360 1 EACH	Telewave, Inc. ANTPD29 1 Year	900-1100 500 2-Way	N Female 3.5 x 5	3.22 1.3:1	102.00 2 0.91	79.05 77.52 75.99
99343 1 EACH	Telewave, Inc. ANTPD218 1 Year	1700-2050 500 2-Way	N Female 3.5 x 8.5	3.22 1.3:1	102.00 0.56 0.25	79.05 77.52 75.99
73076 1 EACH	Telewave, Inc. ANTPD218D 1 Year	1700-2050 500 2-Way	DIN Female 3.5 x 8.5	3.22 1.3:1	142.00 3 1.36	110.05 107.92 105.79
68140 1 EACH	NARDA Microwave Corp. 2362-2 1 Year	1700-2200 80 2-Way	N Female 2.1 x 1.8 x 1.1	3.52 1.2:1	289.00 0.45 0.2	289.00 289.00 286.11
58626 1 EACH	Telewave, Inc. ANTPD224 1 Year	2000-2500 500 2-Way	N Female 3.25" x 2.5"	0.22 1.3:1	102.00 1 0.45	79.05 77.52 75.99
NEW 497399 1 EACH	Teletronics Int'l Inc. 17-601 1 Year	2.4 GHz 10 2-Way	N Female 3.5 x 3.25 x 1.125	0.4 1:1.15 25 dB	125.10 1 0.45	79.00 77.42 75.05
NEW 440383 1 EACH	Teletronics Int'l Inc. 17-603 1 Year	5.8 GHz 10 2 Way	N Female 3.5 x 3.25 x 1.125	0.6 1:1.15 25 dB	172.60 1 0.45	109.00 106.82 103.55

Three-Way Power Dividers

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Power (Watts) Split	Connectors Size (in.)	Loss (dB) VSWR Isolation (dB)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
11523 1 EACH	Telewave, Inc. ANTPD31 1 Year	138-174 500 3-Way	N Female 21 x 2.5	5.0 1.5:1	158.00 5 2.27	122.45 120.08 117.71
36177 1 EACH	Telewave, Inc. ANTPD34 1 Year	406-512 500 3-Way	N Female 8.5 x 2.5	5.0 1.5:1	152.00 2.5 1.14	117.80 115.52 113.24
26752 1 EACH	Astron Wireless Tech. MPD-3 2 Years	450-470 500 3-Way	N Female 8"	5.0 1.5:1	195.00 2 0.91	175.50 165.75 159.90
20220 1 EACH	Telewave, Inc. ANTPD38D 1 Year	790-920 500 3-Way	DIN Female 3.5 x 5	4.9 1.3:1	206.00 2 0.91	159.65 156.56 153.47
99749 1 EACH	Telewave, Inc. ANTPD38 1 Year	790-920 500 3-Way	N Female 3.5 x 5	4.9 1.3:1	152.00 2 0.91	117.80 115.52 113.24
58557 1 EACH	Microlab/FXR D3-14FN 1 Year	800-2200 500 3-Way	N Female 10 x 3.25 x .7	3.0 1.15:1	125.00 0.6 0.27	124.38 124.00 123.75
58581 1 EACH	Microlab/FXR D3-24FD 1 Year	800-2200 700 3-Way	DIN Female 10.7 x 3.15 x 1.5	3.0 1.15:1	225.00 0.6 0.27	223.88 223.20 222.75
489048 1 EACH	Astron Wireless Tech. MPD-3NMI 2 Years	806-896 500 3-Way	N Male 11"	5.0 1.5:1	195.00 0.54 0.25	175.50 165.75 159.90

NEW = New Listing. Pricing for reference only. See TESSCO.com for latest pricing and products.

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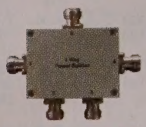
^ = Field tunable to exact frequency * = Specify frequency when ordering

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Power (Watts) Split	Connectors Size (in.)	Loss (dB) VSWR Isolation (dB)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
83321	Astron Wireless	806-896	N Female	5.0	195.00	175.50
1 EACH	Tech.	500	11"	1.5:1	0.54	165.75
	MPD-3NF	3-Way			0.25	159.90
	2 Years					
37214	Astron Wireless	890-960	N Female	5.0	195.00	175.50
1 EACH	Tech.	500	11"	1.5:1	2	165.75
	MPD-3	3-Way			0.91	159.90
	2 Years					
83792	Telewave, Inc.	900-1100	DIN Female	4.92	206.00	159.65
1 EACH	ANTPD39D	500	3.5 x 5	1.3:1	2	156.56
	1 Year	3-Way			0.91	153.47
94753	Telewave, Inc.	900-1100	N Female	4.92	152.00	117.80
1 EACH	ANTPD39	500	3.5 x 5	1.3:1	2	115.52
	1 Year	3-Way			0.91	113.24
59862	Telewave, Inc.	1700-2050	DIN Female	4.92	206.00	159.65
1 EACH	ANTPD318D	500	3.5 x 8.5	1.3:1	3	156.56
	1 Year	3-Way			1.36	153.47
21469	Telewave, Inc.	1700-2050	N Female	4.92	152.00	117.80
1 EACH	ANTPD318	500	3.5 x 8.5	1.3:1	3	115.52
	1 Year	3-Way			1.36	113.24
49821	Telewave, Inc.	2000-2500	N Female	0.22	152.00	117.80
1 EACH	ANTPD324	500	3.25" x 2.5"	1.3:1	0.5	115.52
	1 Year	3-Way			0.23	113.24

Four Port Power Dividers



Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Power (Watts) Split	Connectors Size (in.)	Loss (dB) VSWR Isolation (dB)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
80143	EMR Corp.	30-512	BNC Female	6.2	135.00	104.22
1 EACH	2304-1/A	N/A	N/A	1.5:1	0.99	103.01
	1 Year	4-Way			0.45	101.25
78442	Telewave, Inc.	132-174	N Female	6.2	153.00	118.58
1 EACH	PS1504/N	Receive	2.7 x 1.5 x 4.8	1.3:1	5	116.28
	1 Year	4-Way			2.27	113.99
49916	Telewave, Inc.	138-174	N Female	6.2	168.00	130.20
1 EACH	ANTPD41	500	21 x 2.5	1.5:1	4	127.68
	1 Year	4-Way			1.82	125.16
25268	Antenna Specialists	144-174	N Female	6.2	169.00	127.60
1 EACH	K542	500	38 x 0.6	1.3:1	3	125.06
	1 Year	4-Way			1.36	122.53
13621	Telewave, Inc.	400-512	N Female	6.2	153.00	118.58
1 EACH	PS4504/N	Receive	2.7 x 1.5 x 4.8	1.3:1	0.94	116.28
	1 Year	4-Way			0.43	113.99
74570	Telewave, Inc.	406-512	N Female	6.2	164.00	127.10
1 EACH	ANTPD44	500	8.5 x 2.5	1.5:1	2.5	124.64
	1 Year	4-Way			1.14	122.18
63661	Antenna Specialists	420-512	N Female	6.2	165.00	124.58
1 EACH	K546	500	14 x 0.6	1.5:1	1.28	122.10
	1 Year	4-Way			0.58	119.63
17967	Telewave, Inc.	790-920	N Female	6.2	164.00	127.10
1 EACH	ANTPD48	500	3.5 x 5	1.3:1	2	124.64
	1 Year	4-Way			0.91	122.18
58613	Telewave, Inc.	790-920	DIN Female	6.2	230.00	178.25
1 EACH	ANTPD48D	500	3.5 x 5	1.3:1	2	174.80
	1 Year	4-Way			0.91	171.35
NEW	Sinclair	800-2500	SMA Connector	.8	250.00	205.00
420366	PD4SF800-2500-1	1	4.27" x 3.35" x	1.5	1	187.50
1 EACH	2 Years	SMA Connector	.4"	23	0.45	185.00
12054	Antenna Specialists	806-960	N Female	6.2	139.00	104.95
1 EACH	K548	500	8 x 0.6	1.5:1	0.99	102.86
	1 Year	4-Way			0.45	100.78
28536	EMR Corp.	806-960	BNC Female	N/A	135.00	104.22
1 EACH	2604-1/A	Receive	N/A	1.5:1	2	103.01
	1 Year	4-Way			0.91	101.25
77277	Comtelco	800-960	N Female	.4dB	156.50	77.47
1 EACH	QC850	125	7.25 x 4 13/16	1.5:1	1.66	75.91
	1 Year	4-Way			0.75	74.34
43146	Telewave, Inc.	900-1100	N Female	6.22	164.00	127.10
1 EACH	ANTPD49	500	3.5 x 5	1.3:1	2	124.64
	1 Year	4-Way			0.91	122.18
32185	Telewave, Inc.	900-1100	DIN Female	6.22	230.00	178.25
1 EACH	ANTPD49D	500	3.5 x 5	1.3:1	2	174.80
	1 Year	4-Way			0.91	171.35
98255	Telewave, Inc.	1700-2050	N Female	6.22	164.00	127.10
1 EACH	ANTPD418	500	3.5 x 8.5	1.3:1	1.35	124.64
	1 Year	4-Way			0.61	122.18

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Power (Watts) Split	Connectors Size (in.)	Loss (dB) VSWR Isolation (dB)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
46648	Telewave, Inc.	1700-2050	DIN Female	6.22	230.00	178.25
1 EACH	ANTPD418D	500	3.5 x 8.5	1.3:1	3	174.80
	1 Year	4-Way			1.36	171.35
NEW	Teletronics Int'l Inc.	2.4 GHz	N Female	0.6	204.25	129.00
436393	17-602	10	4.5 x 3.75 x	1:1.3	1	126.42
1 EACH	1 Year	4-Way		0.975	30 dB	0.45	122.55

Unequal Power Splitters

Unequal Power Splitters maintain DC continuity to both the main and coupled ports.

- Covers Cellular, GSM, PCS, DCS
- DC Continuity maintained for BDA's
- 500 Watt power rating

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Power (Watts) Split	Connectors Size (in.)	Loss (dB) VSWR Isolation (dB)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
58648	Microlab/FXR	800-2200	N Female	3.0	165.00	164.18
1 EACH	DG-34FN	500	67%/33% split	1.3:1	0.93	163.68
	1 Year	2-Way, 67/33			0.42	163.35
58653	Microlab/FXR	800-2200	N Female	3.0	165.00	164.18
1 EACH	DG-54FN	500	80%/20% split	1.3:1	0.91	163.68
	1 Year	2-Way, 80/20 split			0.41	163.35

Andrew Power Dividers

Andrew Power Dividers allow two antennas to be fed from one transmitter with equal or unequal power division as required. The units are air dielectric, have 7/8" EIA flanges, and are designed for operation over 2.1- 2.686 Ghz band with 1.1 maximum input VSWR.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Power (Watts) Split	Connectors Size (in.)	Loss (dB) VSWR Isolation (dB)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
465105	Andrew Corpora-	2.15- 2.7 Ghz	7/8" EIA	N/A	1,675.00	1,214.38
1 EACH	tion		1.5 x 1.5 x 1.5	1.1	2.5	1,130.63
	58249-WNQ	50/50		3.0/3.0	1.14	1,046.88
	1 Year					

Eight Port Power Divider

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Power (Watts) Split	Connectors Size (in.)	Loss (dB) VSWR Isolation (dB)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Sinclair	800-2500	SMA Connector	1.2	300.00	246.00
424377	PD8SF800-2500-1	1	4.5" x 4.5" x .4"	1.5	1	225.00
1 EACH	2 Years	SMA Connector		23	0.45	222.00

^ = Field tunable to exact frequency * = Specify frequency when ordering

NEW = New Listing. Pricing for reference only. See TESSCO.com for latest pricing and products

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Antenna Harnesses [340-82]

If you are buying these, you may also need:

Heat Shrink Tubing . . . . . page 1736
Heat Shrink Guns . . . . . page 1738

Stacking Kits

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
25861 1 EACH	Radiall/Larsen STACKKIT PL 3 Years	Stacking kit for use with two or more yagis with UHF type connectors.	108.35 1.2 0.55	70.42 65.00 59.59
77468 1 EACH	Radiall/Larsen STACKKIT 800 3 Years	Stacking kit for use with two or more YA5 or YA6 type yagis with N type connector output.	108.35 0.08 0.04	70.42 65.00 59.59
54127 1 EACH	Maxrad, Inc MSK-721-DA2 2 Years	71-74 Mhz phasing harness for use with the MDA722 dual dipole antenna. UHF female termination.	25.20 3 1.36	12.86 12.35 11.85
70465 1 EACH	Decibel Products 12035 1 Year	150-160 Mhz phasing harness. Allows the combining of two DB224/DB264 to make DB228/DB268(-A) series antenna.	121.00 3 1.36	91.36 89.54 87.73
96893 1 EACH	Decibel Products 12029 1 Year	150-160 Mhz replacement harness for the DB224-A antenna.	185.00 6 2.73	139.68 136.90 134.13
86554 1 EACH	Maxrad, Inc MSK150 3 Years	150-160 Mhz stacking harness for two yagi antennas. UHF male input and output connectors.	60.15 2 0.91	30.68 29.47 28.27
42788 1 EACH	Decibel Products 12074 1 Year	450-470 Mhz replacement harness kit for the DB420 antennas.	440.00 9 4.09	332.20 325.60 319.00
53504 1 EACH	Decibel Products 14438-2-C 1 Year	450-470 Mhz phasing harness for two DB438 yagi antennas. Can be used as a phasing harness or power splitter. N male feeders and N male final conn.	125.00 1.97 0.9	94.38 92.50 90.63
66718 1 EACH	Decibel Products 14436/7-2C 1 Year	450-470 Mhz phasing harness for two DB436's and DB437's.	125.00 1.67 0.76	94.38 92.50 90.63
34947 1 EACH	Maxrad, Inc MSK450 3 Years	450-460 Mhz stacking harness for two yagi antennas. UHF male input and output connectors. Must specify frequency	60.15 2 0.91	30.68 29.47 28.27
99519 1 EACH	Maxrad, Inc MSK450 3 Years	460-470 Mhz stacking harness for two yagi antennas. UHF male input and output connectors.	60.15 2 0.91	30.68 29.47 28.27
46912 1 EACH	Maxrad, Inc MSK800 3 Years	Stacking harness for 800 Mhz yagi antennas.	63.00 0.77 0.35	32.13 30.87 29.61
49049 1 EACH	Maxrad, Inc MSK800 3 Years	Stacking harness for 800 Mhz yagi antennas. N female input, N male outputs.	63.00 0.77 0.35	32.13 30.87 29.61
40290 1 EACH	Decibel Products 14498/9-2A 1 Year	806-866 Mhz phasing harness for two DB498 or DB499 antennas.	190.00 1.86 0.85	143.45 140.60 137.75
78683 1 EACH	Decibel Products 14498/9-2C 1 Year	824-896 Mhz phasing harness for two DB498 or DB499 antennas.	190.00 1.83 0.83	143.45 140.60 137.75
86889 1 EACH	Maxrad, Inc MSK900 3 Years	887-965 Mhz stacking harness for 900Mhz yagi antennas. Max.2.0:1 VSWR. N-female terminations for each antenna and N- male for equipment.	63.00 0.77 0.35	32.13 30.87 29.61

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806-960 MHz Fiberglass/Omni Antennas [342-44]

Manufacturer Table	Antenex F8060 series	RFS Celwave CEL-1A	Cushcraft/Signals S8060B	Maxrad, Inc MFB8130 Series
Type	Fiberglass	Fiberglass Omni	Fiberglass	Fiberglass
Product Narrative	Economical fiberglass enclosed omnidirectional unity gain base antenna. Gold anodized support pipe.	The CEL-1 and CEL-3S series of control station antennas for 800 MHz mobile telephone service are ruggedly designed to perform in the most demanding environments.	Broadband, unity gain. Fiberglass, omndirectional. Does not need radials and can be mounted anywhere.	Low-cost, fiberglass radome enclosed base antenna. Alumninum mounting base. Omnidirectional.
General Freq. (MHz)	806-970	806-869	806-866	806-970
Gain (dB)	Unity	0	Unity	Unity
Gain (dBi)	2.15	2.1	2.15	2.15
Bandwidth @ Rated VSWR (MHz)	60 MHz min.	60	60	40
Maximum Power Inupt (Watts)	200	50	150	150
Vert. Beamwidth	75 Deg.	74	75 Deg.	75 Deg.
Downtilt (deg)	None	0	None	None
VSWR	1.5:1	2.0:1	1.2:1	1.5:1
Polarization	Vertical	Vertical	Vertical	Vertical
Intermodulation	N/A	N/A	N/A	N/A
Null Fill	N/A	N/A	N/A	N/A
Sidelobe Suppression (dB)	N/A	N/A	N/A	N/A
Lightning Prot.	DC Ground	Direct Ground	DC Ground	DC Ground
Size (HxWxD")	1.5" x 15"	1.6' x 2" x 2"	1.5" x 17.5"	1.5" x 1.16'
Weight	3	0.8 Lbs.	.56	.75
Rated Wind Velocity (RWV)	100	187	125	100
Wind Load, (sq ft)	0.06	0.23	.083	0.06
Lateral Thrust @ RWV (lbs)	2.3		N/A	2.3
Bending Moment @ RWV (ft lbs)	1.4	564	N/A	1.4
Connector (direct)	N Female	N Female	None	N Female
Jumper Included	None	None	Pigtail with N Female	None
Connector Placement	Bottom	Bottom	Bottom	Bottom
Mount Hdw. Incl.	Order Separately	Fixed	Clamps	Order Separately
Incl. Hardware Fits	N/A	Not Specified	Up to 2" pipe	N/A
Opt. Clamp Set		10290, N275F, N295F		
Warranty	2 Years	5 Years	1 Year	2 Years
TESSCO Part No.	**71321** 806-866	**10907** 806-866 MHz	**28507** 806-866 MHz	**90826** 806-866
List Price: T-1 Price:	$96.85 $55.77	$290.00 $179.80	$58.80 $42.34	**51184** 838-878
Ship lb.: T-2 Price:	1.75 lb. $46.38	3 lb. $166.75	1.4 lb. $41.16	$88.40 $45.09
Ship kg.: T-3 Price:	0.80 kg. $43.38	1.36 kg. $162.40	0.64 kg. $39.99	2 lb. $43.32
	15424 824-896			0.91 kg. $41.55
	$96.85 $55.77			
	0.6 lb. $46.38			
	0.27 kg. $43.38			

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Antenna Specialists ASP954	RFS Celwave 10022	Decibel Products DB580	RFS Celwave CEL1	Antenex F8063 series
iberglass	Fiberglass	Fiberglass	Fiberglass	Fiberglass
ow cost base antenna. Two mod-ls cover SMR and Cellular fre-uencies. Small and lightweight.	Lightweight fiberglass. Omnidirec-tional. Minimal wind resistance. Ideal for conventional, trunking, cellular and paging applications.	Omnidirectional Horizon Blue Mirage fiberglass radome. Unique dipole radiator. Tested in absence of IM generators. Drain plugs on both ends.	Unity gain control station antenna. Ruggedly designed for harsh enviro-ments. Fiberglass radome with white polymer coating.	Economical fiberglass enclosed omnidirectional 3dB gain base antenna.
06-896 Unity .15 3 MHz min. 00	806-960 Unity 2.14 70 MHz min. 500	806-960 Unity 2.15 63 MHz min. 250	825-890 Unity 2.14 65 50	806-970 3 5.15 40 150
0 Deg. None .5:1 ertical	80 Deg. None 1.5:1 Vertical	83 Deg. None 1.5:1 Vertical	74 None 2.0:1 Vertical	33 Deg. None 1.5:1 Vertical
N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A
DC Ground " x 31"	DC Ground 1.5" x 21" 1.6 Lbs.	DC Ground 1.5" x 2.46' 3.8	DC Ground 1" x 1.6' 0.8 Lbs.	DC Ground 1.5" x 25" 3
29 .08 .1 .5	150 0.13 13.0 7.6	100 0.13 5.25 N/A	1.87 0.23 N/A 564	100 0.12 4.3 4.7
N Female None ottom SPA320 Clamp Set p to 2.75" pipe Years	N Female None Bottom 89 Clamps For 1-2.75" pipe 5 Years	N Female None Bottom Dual-Purpose Mount For up to 3" pipe 1 Year	N Female None Bottom Order Separately N/A 10290, N275F, N295F 5 Years	N Female None Bottom Order Separately N/A 2 Years
1949 806-869 **50342** 824-896 350.00 $264.25 0 lb. $259.00 .54 kg. $253.75	**84128** 806-880 MHz **32521** 836-896 MHz $356.00 $271.28 9 lb. $267.00 4.09 kg. $261.66	**62798** 806-869 MHz $358.00 $270.29 6 lb. $264.92 2.73 kg. $259.55	**38484** 825-890 MHz $290.00 $220.98 1.27 lb. $217.50 0.58 kg. $213.15	**19714** 806-866 **92210** 824-896 MHz $144.70 $83.35 5 lb. $69.32 2.27 kg. $64.83

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806-960 MHz Fiberglass/Omni Antennas [342-44]

Manufacturer Table	Cushcraft/Signals S8063B	Maxrad, Inc MFB8133 Series	Antenna Specialists ASP955	Decibel Products DB583
Type	Fiberglass	Fiberglass	Fiberglass	Fiberglass
Product Narrative	Broadband, 3dB gain. Fiberglass, omndirectional. Does not need radials and can be mounted anywhere.	Low cost, fiberglass radome enclosed base antenna. Alumninum mounting base. Omnidirectional.	Low cost 3dB base antenna. Two models cover SMR and Cellular frequencies. Small and lightweight.	Omni Mirage antenna. Fiberglass Horizon Blue radome. Unique dipole radiator. Tested in absence of IM generators. Drain plugs at both ends.
General Freq. (MHz)	806-866	806-970	806-960	806-960
Gain (dB)	3	3	3	3
Gain (dBi)	5.15	5.15	5.15	5.15
Bandwidth @ Rated VSWR (MHz)	70	30	63 MHz min.	63 MHz min.
Maximum Power Inupt (Watts)	150	150	500	250
Vert. Beamwidth	32 Deg.	40 Deg.	30 Deg.	30 Deg.
Downtilt (deg)	None	None	None	None
VSWR	1.5:1	1.5:1	1.5:1	1.5:1
Polarization	Vertical	Vertical	Vertical	Vertical
Intermodulation	N/A	N/A	N/A	N/A
Null Fill	N/A	N/A	N/A	N/A
Sidelobe Suppression (dB)	N/A	N/A	N/A	N/A
Lightning Prot.	DC Ground	DC Ground	DC Ground	DC Ground
Size (HxWxD")	2.75'	1.5" x 2.16'	2" x 31"	1.5" x 2.75'
Weight	1.1	1.25	3	6.25
Rated Wind Velocity (RWV)	125	100	129	100
Wind Load, (sq ft)	0.176	0.12	0.2	0.206
Lateral Thrust @ RWV (lbs)	N/A	4.3	10.4	9.18
Bending Moment @ RWV (ft lbs)	N/A	4.7	10.4	N/A
Connector (direct)	None	N Female	N Female	N Female
Jumper Included	Pigtail with N Female	None	None	None
Connector Placement	Jumper	Bottom	Bottom	Bottom
Mount Hdw. Incl.	Clamps	Order Separately	ASPA320 Clamp Set	Dual Purpose Mount
Incl. Hardware Fits	Up to 2" pipe	N/A	Up to 2.75" pipe	For up to 3" pipe
Opt. Clamp Set				
Warranty	1 Year	2 Years	2 Years	1 Year
TESSCO Part No.	**29016** 806-866	**39219** 806-866	**23914** 806-869	**61350** 806-869
List Price: T-1 Price:	$120.00 $86.40	$132.60 $67.63	$345.00 $260.48	**99743** 824-896
Ship lb.: T-2 Price:	3.25 lb. $84.00	2.75 lb. $64.98	10 lb. $255.30	$425.00 $320.88
Ship kg.: T-3 Price:	1.48 kg. $81.60	1.25 kg. $62.33	4.54 kg. $250.13	8 lb. $314.50
		64398 820-850	**62307** 824-896	3.64 kg. $308.13
		89577 843-873	$400.00 $302.00	
		49935 881-911	10 lb. $296.00	
		$132.60 $67.63	4.54 kg. $290.00	
		4 lb. $64.98		
		1.82 kg. $62.33		

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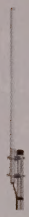
Decibel Products DB803M	Comtelco BS18XL8KT	RFS Celwave CEL-3S	Radiall/Larsen FB3800 Series	Cushcraft/Signals S8064B
				
iberglass	Fiberglass	Fiberglass	Ground plane omni	Fiberglass
Dual Skirt Dipole design Horizon-lue fiberglass radome omni ntenna. Brass/copper radiators. Tested in absence of IM generators. Drain plugs at both ends.	Dual-band cellular and PCS fiber-glass antenna. Needs no ground plane. Mount kit with stainless steel U-bolts for 2-1/2" diameter mast.	3dB control station antenna. Rug-gedly designed for harsh enviro-ments. Fiberglass radome with white polymer coating.	5/8 over 1/4-wave collinear. Very inexpensive; great for temporary installations. 800,825, & 900 MHz models available. Omnidirectional.	Broadband, 4dB gain. Fiberglass, omndirectional.Does not need radi-als and can be mounted anywhere.
06-960 .15 3 MHz min. 00	806-1990 3 5.15 72 / 140 250	825-890 3 5.14 65 50	806-965 3.2 5.4 70 MHz min. 150	806-866 4 6.15 60 150
0 Deg. None .5:1 Vertical	70 Deg. None 2:1 Vertical	17 None 2.0:1 Vertical	30 Deg. None 1.5:1 Vertical	25 deg. None 1.2:1 Vertical
N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A
DC Ground " x 33"	DC Ground 15" x 1.50" 1 Lb	DC Ground 1" x 4' 1.6 Lbs.	DC Ground 1.25' .56	DC Ground 1.5" x 42.13" 1.1
00 .33 3.1 0.01	125 MPH N/A N/A N/A	187 0.23 N/A 564	100 N/A N/A N/A	125 .22 N/A N/A
N Female None ottom DB365-OS Clamps or 1.25-3.5" pipe Year	None 25' Micro Loss 900 with connector N/A BSMNT1 with U-bolts N/A N/A 2 Years	N Female None Bottom Order Separately N/A N/A 5 Years	N Female None Bottom Bracket, clamps N/A 3 Years	None Pigtail with N Female Bottom Clamps Up to 2" pipe 1 Year
36529 806-869 MHz 425.00 $320.88 2 lb. $314.50 .45 kg. $308.13	**413152** Cell/PCS TNC **490118** Cell/PCS mini-UHF $128.00 $63.36 2 lb. $62.08 0.91 kg. $60.80	**20672** 825-890 MHz $390.00 $297.18 7.5 lb. $292.50 3.41 kg. $286.65	**75667** 824-896 MHz $116.70 $75.84 1.5 lb. $70.01 0.68 kg. $64.17	**72447** 806-866 MHz $160.00 $115.20 4 lb. $112.00 1.82 kg. $108.80

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806-960 MHz Fiberglass/Omni Antennas [342-44]

Manufacturer Table	RFS Celwave 1610	Sinclair SRL-433	Maxrad, Inc MFB8135 Series	Comtelco BS800XL5-C
Type	Fiberglass	Fiberglass	Fiberglass	Fiberglass
Product Narrative	Omnidirectional, fiberglass has minimal wind resistance and is ideal for repeater control stations.	Antenna offers moderate 4 dB gain for use in paging and data systems where omnidirectional coverage is required, or additional power handling is needed.	Low cost, fiberglass radome enclosed base antenna. Aluminum mounting base. Omnidirectional.	Fiberglass base station antenna. Elements are fully encapsulated in foam to provide structural integrity and protection from moisture.
General Freq. (MHz)	806-960	824-890	806-970	806-960
Gain (dB)	4	4	5	5
Gain (dBi)	6.14	6.15	7.15	7.15
Bandwidth @ Rated VSWR (MHz)	60	72	20	72
Maximum Power Inupt (Watts)	500	500	150	250
Vert. Beamwidth	25 Deg.	28 Deg.	22 Deg.	20 Deg.
Downtilt (deg)	None	None	None	None
VSWR	1.5:1	1.5:1	1.5:1	2:1
Polarization	Vertical	Vertical	Vertical	Vertical
Intermodulation	N/A	N/A	N/A	N/A
Null Fill	N/A	N/A	N/A	N/A
Sidelobe Suppression (dB)	N/A	N/A	N/A	N/A
Lightning Prot.	DC Ground	DC Ground	DC Ground	DC Ground
Size (HxWxD")	1.66" x 42"	3.8'	1.5" x 4'	48" x 1.35"
Weight	4 Lbs.	7.5	1.75	6 Lbs
Rated Wind Velocity (RWV)	150	100	100	100 MPH
Wind Load, (sq ft)	.29-.30	N/A	0.22	N/A
Lateral Thrust @ RWV (lbs)	26-27	17 Lbs.	8	N/A
Bending Moment @ RWV (ft lbs)	33-36	N/A	14.2	N/A
Connector (direct)	N Female	None	None	N Female
Jumper Included	18" Jumper/N Males	Pigtail w/ N Male	16" Jumper w/ N Male	None
Connector Placement	Bottom	Bottom	Bottom	Bottom
Mount Hdw. Incl.	46 Clamps	Clamp set	Order Separately	Order Separately
Incl. Hardware Fits	For 1-2.75" pipe	For up to 2.9" pipe	N/A	N/A
Opt. Clamp Set				
Warranty	5 Years	2 Years	2 Years	2 Years
TESSCO Part No.	**71312** 806-866 MHz	**91757** 824-896	**77612** 803-823 MHz	**94750** 824-896
List Price: T-1 Price:	**19705** 820-880 MHz	$480.00 $398.40	**37970** 848-868 MHz	$157.00 $77.72
Ship lb.: T-2 Price:	$398.00 $303.28	8 lb. $379.20	**88328** 896-940 MHz	8 lb. $76.15
Ship kg.: T-3 Price:	17 lb. $298.50	3.64 kg. $364.80	$176.80 $90.17	3.64 kg. $74.58
	7.73 kg. $292.53		5 lb. $86.64	
			2.27 kg. $83.10	

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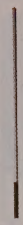
ntenex 8060 series	Decibel Products DB586	Decibel Products DB806	RFS Celwave 1108-1	Decibel Products DB806D
				
berglass	Fiberglass	Fiberglass	Omnidirectional	Dual Fiberglass
conomical fiberglass enclosed mnidirectional antenna. Gold nodized support pipe. Order ount separately.	Omni Mirage antenna. Fiberglass Horizon Blue radome. Unique dipole radiator. Tested in absence of IM generators. Drain plugs at both ends.	6 dB, fiberglass antenna has Minimum Tip Deflection design and horizon blue radome. Dual and triple versions available. Drain plugs at both ends.	These center fed collinear antennas ensure consistent gain and impedance across the operating fequency band and are specifically designed to meet various onmidirectional requirements for mobile radio services in the 806-960 Mhz bands.	Dual 6 dB antennas in one horizon blue radome. 40 dB isolation between antennas. Ideal for saving space on a tower. Drain plugs at both ends.
06-970 .15 0 MHz min. 00	806-960 6 8.15 63 MHz min. 400	806-960 6 8.15 63 MHz min. 500	806-869 6 8.14 60 500	806-960 6 8.15 63 MHz min. 350
7 deg. lone .5:1 ertical	18 Deg. None 1.5:1 Vertical	16 Deg. None 1.5:1 Vertical	12 0 1.5:1 Vertical	16 Deg. None 1.5:1 Vertical
I/A I/A I/A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A
C Ground .5" x 5'	DC Ground 1.5" x 4.38' 8.25	DC Ground 114" x 5" x 5" 21	Direct Ground 8' x 2" x 2" 15 Lbs.	DC Ground 3" x 11' 27
00 22 4.2	100 0.328 14.6 N/A	225 0.98 39.4 57.8	100 1.12 44.8 140.1	225 1.77 70.6 262.5
I Female lone ottom Order Separately I/A Years	N Female None Bottom Dual Purpose Mount For up to 3" pipe 1 Year	N Female None Bottom DB365-OS Clamps For 1.25-3.5" pipe 1 Year	N Female None Bottom 46 Clamp Set Up to 2.75" O.D 241, 246, 10024, 10028 5 Years	N Female None Bottom DB5091-3 Clamps For 1.25-3.5" pipe 1 Year
51117 806-866 187.45 $107.98 .18 lb. $89.79 .90 kg. $83.98 **76464** 824-896 MHz 187.45 $107.98 lb. $89.79 .27 kg. $83.98	**21708** 806-869 MHz **60101** 824-896 MHz $604.00 $456.02 10 lb. $446.96 4.54 kg. $437.90	**27754** 806-869 MHz $905.00 $683.28 40 lb. $669.70 18.18 kg. $656.13 **11318** 824-896 $905.00 $683.28 26 lb. $669.70 11.82 kg. $656.13	**58424** 806-869 MHz $600.00 $457.20 30 lb. $450.00 13.64 kg. $441.00	**64390** 806-869 **55719** 824-896 $2,060.00 $1,555.30 55 lb. $1,524.40 25.00 kg. $1,493.50

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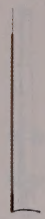
806-960 MHz Fiberglass/Omni Antennas [342-44]

Manufacturer Table	Decibel Products DB806T3 Series	Maxrad, Inc MFB8137	Comtelco BS800XL7-C	Antenna Specialists ASPRA-950
				
Type	Fiberglass	Fiberglass	Fiberglass	Fiberglass
Product Narrative	6 dB, fiberglass antenna has Minimum Tip Deflection design and horizon blue radome. Drain plugs at both ends. Three degrees of electrical downtilt.	Omnidirectional, fiberglass antenna. 7 dB gain. Tuned for either the TX or RX side of SMR or Cellular. UPS shippable.	Fiberglass base station antenna. Elements are fully encapsulated in foam to provide structural integrity and protection from moisture.	Omnidirectional, fiberglass. 7.5 dB gain. Broad frequency response. Heavy duty.
General Freq. (MHz)	806-960	806-866	806-960	806-896
Gain (dB)	6	7	7	7.5
Gain (dBi)	8.15	9.15	9.15	9.65
Bandwidth @ Rated VSWR (MHz)	63 MHz min.	20	72	60
Maximum Power Inupt (Watts)	500	150	250	500
Vert. Beamwidth	16 Deg.	17 deg.	15 Deg.	9.5 Deg.
Downtilt (deg)	3 deg.	None	None	None
VSWR	1.5:1	1.5:1	2:1	1.5:1
Polarization	Vertical	Vertical	Vertical	Vertical
Intermodulation	N/A	N/A	N/A	N/A
Null Fill	N/A	N/A	N/A	N/A
Sidelobe Suppression (dB)	N/A	N/A	N/A	N/A
Lightning Prot.	DC Ground	DC Ground	DC Ground	DC Ground
Size (HxWxD")	3" x 5.7'	1.5" x 96"	64" x 1.35"	9'
Weight	21	4	8 Lbs	14
Rated Wind Velocity (RWV)	225	100	100 MPH	116
Wind Load, (sq ft)	0.98	.44	N/A	0.90
Lateral Thrust @ RWV (lbs)	39.4	15.8	N/A	47.7
Bending Moment @ RWV (ft lbs)	57.8	62.5	N/A	160.5
Connector (direct)	N Female	N Female	N Female	N Female
Jumper Included	None	None	None	2' N Male-N Male
Connector Placement	Bottom	Bottom	Bottom	Bottom
Mount Hdw. Incl.	DB365-OS Clamps	Order Separately	Order Separately	Two ASPR-616 clamps
Incl. Hardware Fits	For 1.25-3.5" pipe	N/A	N/A	For 1-2.9" pipe
Opt. Clamp Set				
Warranty	1 Year	2 Years	2 Years	2 Years
TESSCO Part No.	**96757** 806-869 MHz	**20815** 803-823 MHz	**43143** 824-896	**46556** 806-869
List Price: T-1 Price:	**75533** 824-896	$204.50 $104.29	$175.65 $86.95	$910.00 $687.05
Ship lb.: T-2 Price:	$984.00 $742.92	6 lb. $100.20	5 lb. $85.19	27 lb. $673.40
Ship kg.: T-3 Price:	26 lb. $728.16	2.73 kg. $96.11	2.27 kg. $83.44	12.27 kg. $659.75
	11.82 kg. $713.40	**43648** 848-868		
		$194.50 $99.19		
		6 lb. $95.30		
		2.73 kg. $91.41		

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nclair RL-420NHD	RFS Celwave 1109	Antenna Specialists ASPA977V5	Antenna Specialists ASPD977	Decibel Products ASPA977V5HE
berglass	Fiberglass	Variable Downtilt Omni	Variable Downtilt Omni	Variable Downtilt Omni
ghtweight, collinear antenna fers 7.5 dB gain in an extremely gged package. Other models ailable with downtilt.	Omnidirectional, fiberglass. 7.5 dB gain. Broad frequency response. Available in a pressurized and/or inverted version on special order.	Omnidirectional, fiberglass "Vari-Tilt" antenna with field adjustable 0-5 deg. downtilt. 8.5 dB gain. Beamtilt adjusts by turning screw at bottom of antenna.	Omnidirectional, fiberglass "Vari-Tilt" antenna with field adjustable 3-8 deg. downtilt. 8.5 dB gain. Beamtilt adjusts by turning screw at bottom of antenna.	Omnidirectional, fiberglass "Vari-Tilt" antenna with field adjustable 0-5 deg. downtilt. 8.5 dB gain. Beamtilt adjusts by turning screw at bottom of antenna.
6-960 5 55 MHz min. 0	806-960 8 10.1 63 MHz 500	806-869 8.5 10.65 63 500	824-896 8.5 10.65 72 500	806-869 8.5 10.65 63 500
Deg. one 5:1 rtical	8 Deg. None 1.5:1 Vertical	7 Deg. 0 to 5 deg. 1.5:1 Vertical	7 Deg. 3 to 8 deg. 1.5:1 Vertical	7 Deg. 0 to 5 deg. 1.5:1 Vertical
/A /A /A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A
C Ground 56'	DC Ground 2-3/4" x 10.3' 17 Lbs.	DC Ground 4.5" x 171" 35	DC Ground 4.5" x 171" 35	DC Ground 2.5" x 173" 30
5 1 /A	100 1.41 56.4 238	165 1.75 70 422	165 1.75 70 422	125 2.00 80 Lbs. 422 Ft. Lbs.
Female one ttom amp set r 1.5-2.9" pipe	N Female Optional Bottom 46 Clamps For 1-2.75" pipe	N Female None Bottom Two ASPR-616 clamps For 1-2.9" pipe	N Female None Bottom Two ASPR-616 clamps For 1-2.9" pipe	7/16 DIN Female None Bottom Two ASPR-616 clamps For 1-2.9" pipe
Years	5 Years	2 Years	2 Years	2 Years
3782 806-866 56.00 $793.48 lb. $755.24 .91 kg. $726.56	**70389** 806-869 MHz $900.00 $685.80 35 lb. $675.00 15.91 kg. $661.50	**82215** 806-869 $1,795.00 $1,355.23 49 lb. $1,328.30 22.27 kg. $1,301.38	**18888** 824-896 $1,795.00 $1,355.23 63 lb. $1,328.30 28.63 kg. $1,301.38	**83246** 806-869 MHz $2,070.00 $1,562.85 50 lb. $1,531.80 22.72 kg. $1,500.75

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Cellular and PCS

806-960 MHz Fiberglass/Omni Antennas [342-44]

Manufacturer Table	Antenna Specialists ASPD978	RFS Celwave 1110-1	Antenna Specialists ASP952	RFS Celwave 1110
Type	Inverted Vari-Tilt	Omnidirectional	Fiberglass	Fiberglass
Product Narrative	Inverted "Vari-Tilt" omni fiberglass antenna with field adjustable 3-8 deg. downtilt. 8.5 dB gain. Beamtilt adjusts by turning screw at bottom of antenna.	These center-fed collinear antennas ensure consistent gain and impedance across the operating frequency band and are specifically designed to meet various omnidirectional requirements for mobile radio services in the 806 -960 MHz bands.	Omnidirectional, fiberglass antenna. 9 dB gain. Broadbanded. Heavy duty construction.	Omnidirectional, fiberglass. 35 MH bandwidth ideal for trunking trans miter receive applications.
General Freq. (MHz)	824-896	806-960	806-941	806-960
Gain (dB)	8.5	9	9	9
Gain (dBi)	10.65	11.1	11.15	11.14
Bandwidth @ Rated VSWR (MHz)	72	70	63 MHz min.	35 MHz min.
Maximum Power Inupt (Watts)	500	500	500	500
Vert. Beamwidth	7 Deg.	6	7.5 Deg.	6 Deg.
Downtilt (deg)	3 to 8 deg.	0	None	None
VSWR	1.5:1	1.5:1	1.5:1	1.5:1
Polarization	Vertical	Vertical	Vertical	Vertical
Intermodulation	N/A		N/A	N/A
Null Fill	N/A	N/A	N/A	N/A
Sidelobe Suppression (dB)	N/A	N/A	N/A	N/A
Lightning Prot.	DC Ground	Direct Ground	DC Ground	DC Ground
Size (HxWxD")	4.5" x 171"	11.61' x 1" x 1"	4.5" x 141"	2-3/4" x 12.65'
Weight	35	18.0	17	18-19 Lbs.
Rated Wind Velocity (RWV)	165	100 mph	118	100
Wind Load, (sq ft)	1.75	1.60	1.2	1.73
Lateral Thrust @ RWV (lbs)	70	64.0	40.2	Varies w/ Frequency
Bending Moment @ RWV (ft lbs)	422	312.9	176	Varies w/ Frequency
Connector (direct)	N Female	N Female	N Female	N Female
Jumper Included	None	None	None	Optional
Connector Placement	Bottom	Bottom	Bottom	Bottom
Mount Hdw. Incl.	Two ASPR-616 clamps	46 Clamp Set	Two ASPR-616 clamps	46 Clamps
Incl. Hardware Fits	For 1-2.9" pipe	up to 2.75" O.D	For 1-2.9" pipe	For 1-2.75" pipe
Opt. Clamp Set				
Warranty	2 Years	5 Years	2 Years	5 Years
TESSCO Part No.	**42992** 824-896	**13633** 800-836 MHz	**58521** 806-869	**81105** 806-841 MHz
List Price: T-1 Price:	$1,895.00 $1,430.73	$950.00 $723.90	$991.00 $748.21	**29498** 845.5-880.5 MHz
Ship lb.: T-2 Price:	49 lb. $1,402.30	37 lb. $712.50	31 lb. $733.34	$950.00 $723.90
Ship kg.: T-3 Price:	22.27 kg. $1,373.88	16.82 kg. $698.25	14.09 kg. $718.48	37 lb. $712.50
			32093 851-941 MHz	16.82 kg. $698.25
			$991.00 $748.21	
			30 lb. $733.34	
			13.64 kg. $718.48	

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ecibel Products B589	Decibel Products DB809K	Decibel Products DB809M	Scala Electronic Corp. OGC9-860N	Decibel Products DB809T3
berglass	Fiberglass	Fiberglass	Fiberglass	Fiberglass
ollinear, fiberglass. Omnidirec-onal, 9 dB gain. 1.5" O.D. Hori-on-Blue radome. Unique dipole diator feed design for steady eam. Broadbanded.	Omnidirectional, fiberglass. Transposed tube design. 3" O.D. Horizon Blue radome provides for minimum tip deflection. Drain plugs at both ends.	Omnidirectional, fiberglass ant. Minimum Tip Deflection design. 2" O.D. Horizon Blue radome provides for Minimum-Tip-Deflection. Drain plugs at both ends.	Omnidirectional, fiberglass end fed collinear design with heavy duty extruded aluminum base and rugged gray fiberglass radome.	Omnidirectional, fiberglass ant. Minimum Tip Deflection design. Horizon blue radome provides for minimum tip deflection. Drain plugs at both ends. 3 deg. downtilt.
06-960 .15 MHz min. 00	806-960 9 11.15 63 MHz min. 500	806-960 9 11.15 63 MHz min. 500	824-894 9 11.15 70 500	806-960 9 11.15 72 500
Deg. one 5:1 ertical	8 Deg. None 1.5:1 Vertical	8 Deg. None 1.5:1 Vertical	7.0 Deg None 1.5:1 Vertical	8 Deg. 3 deg. 1.5:1 Vertical
/A /A /A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A
C Ground 5" x 8.5' .5	DC Ground 3" x 12.2' 30	DC Ground 2" x 9.23' 25	DC Ground 11.36' 18.5	DC Ground 3" x 12.2' 30
0 638 .4 /A	100 1.90 75.9 311.5	100 1.19 47.6 145.2	110 1.40 N/A N/A	100 1.90 75.9 311.5
Female one ottom ual Purpose Mount r up to 3" pipe	N Female None Bottom DB5091-3 Clamps For 1.25-3.5" pipe	N Female None Bottom DB365-OS Mount For 1.25-3.5" pipe	N Female None Bottom V-Bolts For 2"-3.75" pipe	N Female None Bottom DB5091-3 Clamps For 1.25-3.5" pipe
Year	1 Year	1 Year	5 Years	1 Year
7977 806-869 **2010** 824-896 993.00 $674.22 lb. $660.82 09 kg. $647.43	**72066** 806-869 **20459** 824-896 MHz $1,278.00 $964.89 45 lb. $945.72 20.45 kg. $926.55	**57929** 806-869 MHz $1,119.00 $844.85 28 lb. $828.06 12.73 kg. $811.28	**88266** 824-894 MHz $790.00 $774.20 37 lb. $758.40 16.82 kg. $742.60	**61070** 824-896 $1,443.00 $1,089.47 45 lb. $1,067.82 20.45 kg. $1,046.18

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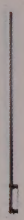
Cellular and PCS

806-960 MHz Fiberglass/Omni Antennas [342-44]

Manufacturer Table	Decibel Products DB809T6	RFS Celwave 10017	Antel International BCD-80010NE	Antenna Specialists ASP973
				
Type	Fiberglass	Fiberglass	Fiberglass	Fiberglass
Product Narrative	Omnidirectional, fiberglass ant. Minimum Tip Deflection design. Horizon blue radome provides for minimum tip deflection. Drain plugs at both ends. 6 deg. downtilt.	Omnidirectional, fiberglass. 35 MHz bandwidth ideal for trunking transmitor receive applications.	Omni aluminum alloy antenna with fiberglass radome. Features length of antenna four channel extrusion, brass feedlines, non-collinear air insulated system for all radiating elements.	Omnidirectional, fiberglass antenn 10 dB gain. Broadbanded and extremely rugged. Built in 2 degre of downtilt.
General Freq. (MHz)	806-960	806-960	806-900	806-941
Gain (dB)	9	10	10	10
Gain (dBi)	11.15	12.14	12.1	12.15
Bandwidth @ Rated VSWR (MHz)	72	35 MHz min.	100 MHz	56 MHz min.
Maximum Power Inupt (Watts)	500	500	500	500
Vert. Beamwidth	8 Deg.	5.5 Deg.	7 Deg.	6 Deg.
Downtilt (deg)	6 deg.	None	1.25 deg	2 deg.
VSWR	1.5:1	1.5:1	<= 1.43:1	1.5:1
Polarization	Vertical	Vertical	Vertical	Vertical
Intermodulation	N/A	N/A	N/A	N/A
Null Fill	N/A	N/A	5%	N/A
Sidelobe Suppression (dB)	N/A	N/A	N/A	N/A
Lightning Prot.	DC Ground	DC Ground	Direct Ground	DC Ground
Size (HxWxD")	3" x 12.2'	2-3/4" x 15'	136 x 2.6 x 2.6	4.5" x 171'
Weight	30	24-25 Lbs.	26.5	27
Rated Wind Velocity (RWV)	100	100		165
Wind Load, (sq ft)	1.90	1.91-2.00	2.48 sq. ft.	1.6
Lateral Thrust @ RWV (lbs)	75.9	76-81		65.1
Bending Moment @ RWV (ft lbs)	311.5	Varies w/ Frequency		372
Connector (direct)	N Female	N Female	Elongated NF	N Female
Jumper Included	None	None	None	None
Connector Placement	Bottom	Bottom	Bottom	Bottom
Mount Hdw. Incl.	DB5091-3 Clamps	46 Clamps	No	Two ASPR-616 clamps
Incl. Hardware Fits	For 1.25-3.5" pipe	For 1-2.75" pipe	N/A	For 1-2.9" pipe
Opt. Clamp Set			MT80010 (55280)	
Warranty	1 Year	5 Years	5 Years	2 Years
TESSCO Part No.	**51307** 824-896	**33770** 800-836 MHz	**42790** 806-900	**15132** 806-866
		46984 820-855 MHz		**53525** 824-880
		72163 845.5-880.5 MHz		
		20556 862-898 MHz		**91918** 835-894
				412118 NEW 896-941
List Price: T-1 Price:	$1,443.00 $1,089.47	$1,000.00 $762.00	$1,141.00 $1,141.00	$1,323.00 $998.87
Ship lb.: T-2 Price:	55 lb. $1,067.82	46 lb. $750.00	40 lb. $1,083.95	45 lb. $979.02
Ship kg.: T-3 Price:	25.00 kg. $1,046.18	20.91 kg. $735.00	18.18 kg. $1,049.72	20.45 kg. $959.18
				$1,323.00 $998.87
				56 lb. $979.02
				25.45 kg. $959.18

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FS Celwave O8410M-54T3	Decibel Products DB810K	Sinclair SRL-480	Sinclair SRL-488	Telewave, Inc. ANT800F10 Series
verted Fiberglass	Fiberglass	Fiberglass	Fiberglass	Fiberglass
mnidirectional, fiberglass with 3 egree downtilt and Field Invert-le. Ideal for trunking applications.	Omnidirectional, fiberglass. Trans-posed tube design. Horizon blue radome provides for minimum tip deflection. Drain plugs at both ends. 3" O.D. radome.	Lightweight, collinear antenna offers 10 dB gain in an extremely rugged package. Other models available with downtilt.	Lightweight, collinear antenna offers 10 dB gain in an extremely rugged package. Other models available with downtilt.	Omnidirectional, fiberglass. Cool blue radome designed to withstand the harshest environments.
6-960) .14 mhz 0	806-896 10 12.15 63 MHz min. 500	806-960 10 12.15 70 or less 500	806-960 10 12.15 60 MHz min. 500	806-896 10 12.15 60 500
5 Deg. 5:1 ertical	6 Deg. None 1.5:1 Vertical	6 Deg. None 1.5:1 Vertical	4.5 Deg. None 1.5:1 Vertical	10 Deg. None 1.5:1 Vertical
/A /A /A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A
C Ground 3/4" x 15.5' Lbs.	DC Ground 2.5" x 15.3' 35	DC Ground 15.29' 23	DC Ground 15.25' 27	DC Ground 8' 10
0 71 4 47	175 2.34 93.4 503.6	100 1.95 81 N/A	100 1.95 95 N/A	150 1.4 38 153
16 DIN Female /A ottom Clamps r 1-2.75" pipe Years	N Female None Bottom DB5091-3 clamps For 3" pipe 1 Year	N Female None Bottom Clamp set For 2.5-2.9" pipe 2 Years	N Female None Bottom Clamp set For 2.5-2.9" pipe 2 Years	N Female 2' N Male-N Male Bottom ANTC483C clamp Up to 2.75" pipe 1 Year
83077 806-869 MHz ,295.00 $986.79 lb. $971.25 .63 kg. $951.83	**30252** 806-869 **34642** 824-896 $1,503.00 $1,134.77 83 lb. $1,112.22 37.72 kg. $1,089.68	**56913** 806-866 MHz **95306** 824-894 $1,376.00 $1,142.08 40 lb. $1,087.04 18.18 kg. $1,045.76	**38390** 806-866 **94163** 824-894 MHz $1,376.00 $1,142.08 50 lb. $1,087.04 22.72 kg. $1,045.76	**43507** 806-866 $1,245.00 $964.88 20 lb. $946.20 9.09 kg. $927.53

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806-960 MHz Fiberglass/Omni Antennas [342-44]

Manufacturer Table	Decibel Products F8063 series	Decibel Products DB810KE-SY	RFS Celwave BMR/BCR10-O-B1	RFS Celwave 10017-21
Type	Fiberglass	Fiberglass	Fiberglass	Inverted Fiberglass
Product Narrative	Transposed tube fiberglass antenna with 3" OD radome. 10 dB gain.	Omnidirectional, fiberglass. Transposed tube design. Horizon blue radome provides for minimum tip deflection. Drain plugs at both ends. 3" O.D. radome	"PENETRATOR" omnidirectional ant. Heavy null fill provides uniform signal strength on ground from antenna site to horizon.	Omnidirectional, fiberglass. Field Invertable. Ideal for trunking applications.
General Freq. (MHz)	806-970	806-970	806-869	806-960
Gain (dB)	10	10	10	10
Gain (dBi)	12.15	12.15	12.14	12.14
Bandwidth @ Rated VSWR (MHz)	40	40	63-70 Freq Dependant	35 MHz min.
Maximum Power Inupt (Watts)	500	150	500	500
Vert. Beamwidth	33 Deg.	33 Deg.	5 deg.	5.5 Deg.
Downtilt (deg)	None	None	0.75 deg.	None
VSWR	1.5:1	1.5:1	1.5:1	1.5:1
Polarization	Vertical	Vertical	Vertical	Vertical
Intermodulation	N/A	N/A	N/A	N/A
Null Fill	N/A	N/A	Included	N/A
Sidelobe Suppression (dB)	N/A	N/A	N/A	N/A
Lightning Prot.	DC Ground	DC Ground	DC Ground	DC Ground
Size (HxWxD")	1.5" x 25"	1.5" x 25"	6-5/8" x 13'	2-3/4" x 15'
Weight	3	3	87 Lbs.	24-25 Lbs.
Rated Wind Velocity (RWV)	100	100	100	100
Wind Load, (sq ft)	0.12	0.12	4.8	1.99
Lateral Thrust @ RWV (lbs)	4.3	4.3		80
Bending Moment @ RWV (ft lbs)	4.7	4.7	N/A	510
Connector (direct)	N Female	7/16 DIN Female	N Female	N Female
Jumper Included	None	None	None	Optional
Connector Placement	Bottom	Bottom	Bottom	Bottom
Mount Hdw. Incl.	Order Separately	Order Separately	B1 Bracket	46 Clamps
Incl. Hardware Fits	N/A	N/A	N/A	For 1-2.75" pipe
Opt. Clamp Set				
Warranty	2 Years	2 Years	5 Years	5 Years
TESSCO Part No.	**54325** 851-896	**426189** NEW 870-960	**26589** 806-869 MHz	**20010** 820-855 MHz
List Price: T-1 Price:	$1,603.00 $1,210.27	$1,603.00 $1,210.27	**54266** 824-894 MHz	$1,235.00 $941.07
Ship lb.: T-2 Price:	83 lb. $1,186.22	83 lb. $1,186.22	$3,948.00 $3,008.38	46 lb. $926.25
Ship kg.: T-3 Price:	37.72 kg. $1,162.18	37.72 kg. $1,162.18	105 lb. $2,961.00	20.91 kg. $907.73
			47.72 kg. $2,901.78	

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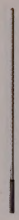
ntenna Specialists SP974	Antenna Specialists ASPD975	RFS Celwave AO8610	Decibel Products DB810T3	Decibel Products DB810U3-XC
				
erted Fiberglass	Offset Vari-Tilt Omni	Fiberglass	Fiberglass	Fiberglass
nnidirectional, fiberglass antenna. dB gain. Broadbanded and tremely rugged. Built in 2 degree downtilt. Inverted.	240 degree reflector driven "Vari-Tilt" antenna with field adjustable 3-8 deg. downtilt. 10 dB gain.	Omnidirectional antenna with a 9 db gain. Broadbanded for Cellular use. Universal mounting and triple-wrapped heavy duty fiberglass. Broadbanded for Cellular use.	Omnidirectional, fiberglass ant. Minimum Tip Deflection design. Horizon blue radome 3 degree electrical downtilt design. Drain plugs at both ends. 3" O.D. radome.	Omnidirectional, fiberglass ant. Minimum Tip Deflection design. Horizon blue radome 3 degree electrical uptilt design. Drain plugs at both ends. 3" O.D. radome.
4-896 15 0	824-896 10 12.15 72 500	806-960 10 12.14 70 500	806-960 10 12.15 63 MHz min. 500	824-896 10 12.15 72 MHz min. 500
Deg. leg. :1 rtical	7 Deg. 3 to 8 deg. 1.5:1 Vertical	4.5 Deg. None 1.5:1 Vertical	6 Deg. 3 deg. 1.5:1 Vertical	6 Deg. 3 deg. UP 1.5:1 Vertical
A A A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A
C Ground " x 171"	DC Ground 4.5" x 171" 45	DC Ground 3.5" x 16.5' 41 Lbs.	DC Ground 3" x 14.5' 35	DC Ground 3" x 14.5' 35
5 1 2	138 3.50 70 1616	187 2.61 N/A 564	175 2.34 93.4 503.6	175 2.34 93.4 503.6
Female ne ttom o ASPR-616 clamps 1-2.9" pipe ears	N Female None Bottom Two ASPR-616 clamps For 1-2.9" pipe 2 Years	N Female None Bottom 346 Clamps For 2.4-4" pipe 5 Years	N Female None Bottom DB5091-3 clamps For 3" pipe 1 Year	N Female None Bottom DB5091-3 clamps For 3" pipe 1 Year
704 824-896 395.00 $1,053.23 lb. $1,032.30 27 kg. $1,011.38	**57434** 824-896 $1,995.00 $1,506.23 62 lb. $1,476.30 28.18 kg. $1,446.38	**28801** 824-894 MHz $1,990.00 $1,516.38 76 lb. $1,492.50 34.54 kg. $1,462.65	**61748** 824-896 $1,698.00 $1,281.99 71 lb. $1,256.52 32.27 kg. $1,231.05	**95399** 824-896 $1,698.00 $1,281.99 98 lb. $1,256.52 44.54 kg. $1,231.05

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806-960 MHz Fiberglass/Omni Antennas [342-44]

Manufacturer Table	RFS Celwave AO8610-5TO	Decibel Products DB809KSRE-XE	Decibel Products DB812	RFS Celwave BMR12/BCR12-O-B1
Type	Fiberglass Omni	Offset Fiberglass	Fiberglass	Fiberglass
Product Narrative	This 10 dBd gain Omnidirectional Broadband Antenna covers the entire frequency range of 824-894 MHz, allowing for duplex operations of cellular base stations on a single high gain antenna.	Omnidirectional, fiberglass ant. Minimum Tip Deflection design. Horizon blue radome with 3/4" reflector rod assembly. Drain plugs at both ends.	Omnidirectional transposed tube fiberglass ant w/ 72 MHz of bandwidth. Drain plugs at both ends. Horizon Blue radome for minimum tip deflection.	"PENETRATOR" omnidirectional ant. Heavy null fill provides unifor signal strength on ground from antenna site to horizon.
General Freq. (MHz)	824-896	824-896	806-960	806-869
Gain (dB)	10	10	12	12
Gain (dBi)	12.1	12.1	14.15	14.14
Bandwidth @ Rated VSWR (MHz)	187	72 MHz	63 MHz min.	63-70 Freq Dependant
Maximum Power Inupt (Watts)	500	500	500	500
Vert. Beamwidth	4.5	7 Deg.	4 Deg.	3.5-5.0 deg. Freq Dependant
Downtilt (deg)	0	None	None	0.75 deg.
VSWR	1.5:1	1.5:1	1.5:1	1.5:1
Polarization	Vertical	Vertical	Vertical	Vertical
Intermodulation		N/A	N/A	N/A
Null Fill	N/A	N/A	N/A	N/A
Sidelobe Suppression (dB)	N/A	N/A	N/A	N/A
Lightning Prot.	Direct Ground	DC Ground	DC Ground	DC Ground
Size (HxWxD")	16.5' x 2" x 2"	3" x 11'	3"x 23.8'	6-5/8" x 20'
Weight	41 Lbs.	47	66	124 Lbs.
Rated Wind Velocity (RWV)	70	100	150	100
Wind Load, (sq ft)	2.61	1.90	3.2	7.6
Lateral Thrust @ RWV (lbs)	N/A	75.9	160	
Bending Moment @ RWV (ft lbs)	564	311.5	N/A	
Connector (direct)	7/16 DIN Female	7/16 DIN Female	N Female	N Female
Jumper Included	None	None	None	None
Connector Placement	Bottom	Bottom	Bottom	Bottom
Mount Hdw. Incl.	346 Clamp Set	DB5091-3 Clamps	DB5091-3 clamps	B1 Bracket
Incl. Hardware Fits	Up to 3.5" O.D	Up to 3" pipe	For 3" pipe	N/A
Opt. Clamp Set				
Warranty	5 Years	1 Year	1 Year	5 Years
TESSCO Part No.	**72482** 824-896 MHz	**411038** 824-896	**73099** 806-869	**90161** 806-869 MHz
			34706 824-896 MHz	**53017** 824-894 MHz
List Price: T-1 Price:	$1,990.00 $1,516.38	$1,622.00 $1,224.61	$2,777.00 $2,096.64	$6,307.00 $4,805.94
Ship lb.: T-2 Price:	74 lb. $1,492.50	46 lb. $1,200.28	95 lb. $2,054.98	135 lb. $4,730.25
Ship kg.: T-3 Price:	33.63 kg. $1,462.65	20.91 kg. $1,175.95	43.18 kg. $2,013.33	61.36 kg. $4,635.65

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FS Celwave CR10A	Decibel Products DB810KRR-XT	RFS Celwave BCR12A	RFS Celwave BCR12H
ffset Fiberglass	Two Sector Fiberglass	Offset Fiberglass	Two Sector Fiberglass
ENETRATOR" 220 degree direc-onal ant. Null fill provides uniform gnal strength. 3/4 degree downtilt andard. Field adjustable downtilt ail.	Fiberglass antenna with dual radia-tors provide a 13 dB bidirectional offset pattern. Horizon blue. Drain plugs at both ends.	"PENETRATOR" 220 degree direc-tional ant. Null fill provides uniform signal strength. 3/4 degree downtilt standard. Field adjustable downtilt avail.	"PENETRATOR" two sector direc-tional ant. Null fill provides uniform signal strength. 3/4 degree down-tilt standard. Field adjustable down-tilt avail.
4-894 .3 .44 0	806-869 13.5 15.6 63 500	824-894 14.3 16.45 70 500	824-894 15.4 17.55 70 500
75 deg. 5:1 rtical	6 Deg. None 1.5:1 Vertical	3.5 0.75 deg. 1.5:1 Vertical	3.5 0.75 deg. 1.5:1 Vertical
A A A	N/A N/A N/A	N/A Included N/A	N/A Included N/A
C Ground 5/8" x 13'	DC Ground 14.5' 82	DC Ground 6-5/8" x 20' 124 Lbs.	DC Ground 6-5/8" x 20' 124 Lbs.
0 A A	100 4.0 160 Lbs N/A	100 7.6 N/A N/A	100 7.6 N/A N/A
Female one ttom Bracket A	N Female None Bottom DB5091-3 clamps Up to 3" pipe	N Female None Bottom B1 Bracket N/A	N Female None Bottom B1 Bracket N/A
Years	1 Year	5 Years	5 Years
2659 824-894 MHz 948.00 $3,008.38 5 lb. $2,961.00 72 kg. $2,901.78	**72394** 806-869 $1,703.00 $1,285.77 105 lb. $1,260.22 47.72 kg. $1,234.68	**91410** 824-894 MHz $6,307.00 $4,805.94 140 lb. $4,730.25 63.63 kg. $4,635.65	**78196** 824-894 MHz $6,307.00 $4,805.94 142 lb. $4,730.25 64.54 kg. $4,635.65

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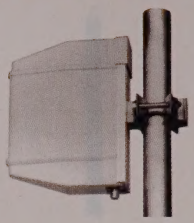
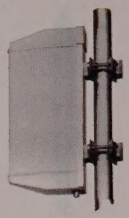
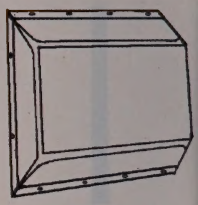
800-1000 MHz Panel Antennas [342-45]

Manufacturer Table	RFS Celwave AP881205	Sinclair SRL-441/U	Sinclair SRL-441/W	Decibel Products DB871H83
				
Type	Panel	Enclosed directional	Enclosed directional	Panel
Product Narrative	Single panel antenna. 120 degree pattern is not effected by the tower. Radome protects the radiating elements.	Radome enclosed directional data antenna has up to 200 MHz of operational bandwidth for use with multicoupled systems. Includes PIPE mounting kit.	Radome enclosed directional data antenna has up to 200 MHz of operational bandwidth for use with multicoupled systems. Includes WALL mounting kit.	83 degree directional panel antenna. Electrically & mechanical designed to offer the best trade-o between size vs. windload & high front to back ratio.
General Frequency (MHz)	806-960	800-1000	800-1000	820-960
Gain (dBd)	4.5	5	5	6.2
Gain (dBi)	6.64	7.15	7.15	8.35
Bandwidth @ Rated VSWR (MHz)	154	200	200	81
Maximum Power Input (Watts)	500	500	500	250
Vertical Beamwidth	62 Deg.	65 Deg.	65 Deg.	60 Deg.
Downtilt	None	None	None	None
VSWR @ 50 ohms	1.5:1	1.5:1	1.5:1	1.5:1
Polarization	Vertical	Vertical	Vertical	Vertical
Intermodulation	<-100 dBm	Not Specified	Not Specified	Not Specified
Null Fill	N/A	N/A	N/A	N/A
Sidelobe Suppression (dB)	N/A	N/A	N/A	N/A
Lightning Protection	DC Ground	DC Ground	DC Ground	DC Ground
Size (HxWxD")	7.625"W x 12.25"H x 5"D	10.6 x 2.9	10.6 x 2.9	12" x 12" x 5"
Weight	4 Lbs.	2.5	2.5	5
Rated Wind Velocity (MPH)	100	100	100	125
Wind Load, Flat Plate (sq ft)	0.76	Not Specified	Not Specified	1.04
Lateral Thrust @ RWV (lbs)	30.4	20	20	83
Bending Moment (ft lbs)	Not Specified	Not Specified	Not Specified	Not Specified
Connector (direct)	N Female	N Female	N Female	N Female
Jumper Included	None	None	None	None
Connector Placement	Back	Bottom	Bottom	Back
Mounting Hardware Included	APM Clamps	Clamp set	Wall mount	DB380 Series Clamps
Included Hardware Fits	For 1.75-4" pipe	For 1.5-2.9" pipe	N/A	For 3" pipe
Optional Pipe Clamps				
Warranty	5 Years	2 Years	2 Years	1 Year
TESSCO Part No.	**88372** 806-960 MHz	**55269** 800-1000 MHz	**40222** 800-1000 MHz	**91969** 820-901 MHz
List Price: T-1 Price:	$590.00 $449.58	$268.00 $222.44	$268.00 $222.44	$512.00 $389.12
Ship lb.: T-2 Price:	10 lb. $442.50	3 lb. $211.72	3 lb. $211.72	6.5 lb. $381.44
Ship kg.: T-3 Price:	4.54 kg. $433.65	1.36 kg. $203.68	1.36 kg. $203.68	2.95 kg. $376.32

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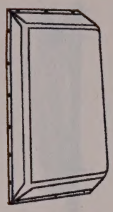
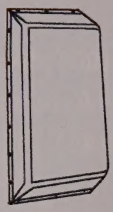
S Celwave 886007	RFS Celwave AP881208	Decibel Products DB872H120	Decibel Products DB872H105TLX	Decibel Products DB872H105
				
el	Panel	Panel	Triple Panel	Panel
gle panel antenna. 62 degree pat-n is not effected by the tower. dome protects the radiating ele-nts.	Single panel antenna. 120 degree pattern is not effected by the tower. Radome protects the radiating elements.	120 degree directional panel antenna. Electrically & mechanically designed to offer the best trade-off between size vs. windload & high front to back ratio.	TRIPLE 105 deg. directional panel antenna. Features three antennas in one radome, reducing the space occupied on a tower site.	105 degree directional panel antenna. Electrically & mechanically designed to offer the best trade-off between size vs. windload & high front to back ratio.
-960 4))	806-960 7.5 9.64 154 500	820-960 8.0 10.15 81 500	806-960 8.7 10.85 81 MHz 500	806-960 8.7 10.85 63 MHz min. 500
Deg. ne l tical	31 Deg None 1.5:1 Vertical	29 Deg. None 1.5:1 Vertical	29 Deg. None 1.5:1 Vertical	29 Deg. None 1.5:1 Vertical
00 dBm \ \	<-100 dBm N/A N/A	Not Specified N/A N/A	Not Specified N/A N/A	Not Specified N/A N/A
Ground 3/8"W x 11 3/4"H X 5"D s.	DC Ground 7.63" x 12.25" x 5" 12 Lbs.	DC Ground 12" x 24" x 5" 7	DC Ground 12" x 96" x 5" 20	DC Ground 12" x 24" x 5" 7
; Specified	100 1.6 35 Not Specified	125 2.06 83 Not Specified	125 8.00 320 Not Specified	125 2.06 83 Not Specified
emale ne k 38 Clamps 1.75-4" pipe ears	N Female None Back 10238 Clamp N/A 5 Years	N Female None Back DB380 Series Clamps For 3" pipe 1 Year	N Female None Back DB380 Series Clamps For 3" pipe 1 Year	N Female None Back DB380 Series Clamps For 3" pipe 1 Year
556 806-960 MHz 0.00 $449.58 b. $442.50 kg. $433.65	**18284** 806-960 MHz $690.00 $525.78 12 lb. $517.50 5.45 kg. $507.15	**65541** 820-901 MHz $740.00 $562.40 10 lb. $551.30 4.54 kg. $543.90	**11571** 820-901 MHz $2,075.00 $1,577.00 39 lb. $1,545.88 17.73 kg. $1,525.13	**94382** 806-896 MHz **78755** 820-901 MHz $740.00 $562.40 10 lb. $551.30 4.54 kg. $543.90

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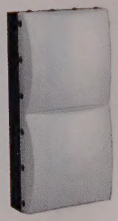
800-1000 MHz Panel Antennas [342-45]

Manufacturer Table	RFS Celwave 10085	Allgon Telecom 7145.24 Series	Decibel Products DB882H60	Decibel Products DB874G105VTE
				
Type	Panel	Adjustable Tilt Panel	Panel	Panel
Product Narrative	Dual panel antenna. 62 degree pattern is not affected by the tower. Radome protects the radiating elements.	105 degree directional CITY antenna with 0 to 16 degree field adjustable downtilt. 0 to 15 dB gain reduction in horizon for cell optimization.	60 degree directional panel antenna. Electrically & mechanically designed to offer the best trade-off between size vs. windload & high front to back ratio.	GEN3VPOL VARI-TILT direction panel antenna. Features superior Upper Side Lobe Suppression across the 0-10 degree variable ti
General Frequency (MHz)	806-960	806-896	820-960	806-960
Gain (dBd)	10	11	11	11.2
Gain (dBi)	12.14	13	13.15	13.3
Bandwidth @ Rated VSWR (MHz)	154	90	81	90
Maximum Power Input (Watts)	500	500	500	500
Vertical Beamwidth	35 Deg.	16 Deg.	29 Deg.	15 Deg.
Downtilt	None	0-16 Deg.	None	0-10 Deg.
VSWR @ 50 ohms	1.5:1	1.5:1	1.5:1	1.4:1
Polarization	Vertical	Vertical	Vertical	Vertical
Intermodulation	<-100 dBm	-146 dBc	Not Specified	Not Specified
Null Fill	N/A	N/A	N/A	N/A
Sidelobe Suppression (dB)	N/A	14-16 dB	N/A	>18@ 0-9deg, >15@ 10deg
Lightning Protection	DC Ground	DC Ground	DC Ground	DC Ground
Size (HxWxD")	10-3/8"W x 20"H x 5"D	3.93' x 11.8" x 5.12"	12" x 24" x 5"	12" x 48" x 5"
Weight	10 Lbs.	22	7	16.5
Rated Wind Velocity (MPH)	100	112	125	125
Wind Load, Flat Plate (sq ft)	1.44	Not Specified	2.06	3.60
Lateral Thrust @ RWV (lbs)	58	N/A	83	63
Bending Moment (ft lbs)	Not Specified	Not Specified	Not Specified	Not Specified
Connector (direct)	N Female	See Below	N Female	7/16 DIN Female
Jumper Included	None	None	None	None
Connector Placement	Back	Bottom	Back	Bottom
Mounting Hardware Included	1253 Clamps	7254.10	DB380 Series Clamps	DB380 Series Clamps
Included Hardware Fits	N/A	1" - 5" OD Pole	For 3" pipe	3.5" pipe
Optional Pipe Clamps				
Warranty	5 Years	1 Year	1 Year	1 Year
TESSCO Part No.	**40739** 806-960 MHz	**43726** 7/16 DIN Female	**49829** 820-901 MHz	**482320** NEW 806-896 MHz
List Price: T-1 Price:	$674.00 $513.59	$1,285.30 $1,156.74	$861.00 $654.36	$1,768.00 $1,343.68
Ship lb.: T-2 Price:	18 lb. $505.50	28 lb. $1,092.48	10 lb. $641.45	16.5 lb. $1,317.16
Ship kg.: T-3 Price:	8.18 kg. $495.39	12.73 kg. $1,028.21	4.54 kg. $632.84	7.50 kg. $1,299.48

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Cellular and PCS

MS Wireless 90-11 Series	Sinclair SP-40-090-12D00	Sinclair SP-40-090-12D02	Sinclair SP-40-090-12D04	Decibel Products DB874H120
nel	Panel	Panel	Panel	Panel
degree panel antenna for SMR Cellular use. Rugged construc-n and stress free design. Low sive intermodulation. OptiFill max coverage.	90 deg. panel Antenna for SMR and Cellular. Paintable finish. Parcel Shippable.	90 deg. panel Antenna for SMR and Cellular. Paintable finish. Parcel Shippable.	90 deg. panel Antenna for SMR and Cellular. Paintable finish. Parcel Shippable.	120 degree directional panel antenna. Electrically & mechanically designed to offer the best trade-off between size vs. windload & high front to back ratio.
-896 2 3)	806-960 11.3 13.45 154 500	806-960 11.3 13.45 154 500	806-960 11.3 13.45 154 500	820-960 11.3 13.45 81 500
Deg. ne 5:1 tical	16.5 Deg. 0 Deg. 1.4:1 Vertical	16.5 Deg. 2 Deg. 1.4:1 Vertical	16.5 Deg. 4 Deg. 1.4:1 Vertical	14 Deg. None 1.5:1 Vertical
7 dBc) dB 3 dB	-150 dBc LT -20 dB LT 19 dB	-150 dBc LT -23 dB LT 17 dB	-150 dBc LT -23 dB LT 17 dB	Not Specified N/A N/A
ssis Ground x 12" x 7")	DC Ground 46" x 12" x 4.5" 13 Lbs.	DC Ground 46" x 12" x 4.5" 13 Lbs.	DC Ground 46" x 12" x 4.5" 13 Lbs.	DC Ground 12" x 48" x 5" 14
; ft. lbs 5 ft lbs	110 MPH 3.8 sq ft. 276 Lbs. Not Specified	110 MPH 3.8 sq ft. 276 Lbs. Not Specified	110 MPH 3.8 sq ft. 276 Lbs. Not Specified	125 4.10 164 Not Specified
Below ne dle G-P00-10 to 5" pipe 1. /. or Clust. ears	7/16 DIN Female None Not Specified N/A N/A Order Sep. 2 Years	7/16 DIN Female None Not Specified N/A N/A Order Sep. 2 Years	7/16 DIN Female None Not Specified N/A N/A Order Sep. 2 Years	N Female None Back DB380 Series Clamps For 3" pipe 1 Year
888 N Female **497** 7/16 DIN Female 0.00 $945.60). $792.00 6 kg. $768.00	**14524** 806-960 MHz $824.00 $683.92 13 lb. $650.96 5.91 kg. $626.24	**91310** 806-960 MHz $824.00 $683.92 13 lb. $650.96 5.91 kg. $626.24	**39703** 806-960 MHz $824.00 $683.92 13 lb. $650.96 5.91 kg. $626.24	**71792** 820-901 MHz $1,163.00 $883.88 18 lb. $866.44 8.18 kg. $854.81

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Cellular and PCS

800-1000 MHz Panel Antennas [342-45]

Manufacturer Table	Allgon Telecom 7144.24 Series	Decibel Products DB874H105	Decibel Products DB874G90VTE	Antel International RWB-80012/90
Type	Adjustable Tilt Panel	Panel	Panel	Panel
Product Narrative	90 degree directional CITY antenna with 0 to 16 degree field adjustable downtilt. 0 to 15 dB gain reduction in horizon for cell optimization.	105 degree directional panel antenna. Electrically & mechanically designed to offer the best trade-off between size vs. windload & high front to back ratio.	GEN3VPOL VARI-TILT directional panel antenna. Features superior Upper Side Lobe Suppression across the 0-10 degree variable tilt.	Sector panel aluminum alloy antenna with fiberglass radome. Features length of antenna four channel extrusion, brass feedline non-collinear air insulated system for all radiating elements.
General Frequency (MHz)	806-896	806-960	806-960	806-960
Gain (dBd)	11.5	11.8	11.8	12
Gain (dBi)	13.5	13.95	13.9	14.1
Bandwidth @ Rated VSWR (MHz)	90	90	90	154
Maximum Power Input (Watts)	500	500	500	500
Vertical Beamwidth	16 Deg.	14 Deg.	15 Deg.	14 Deg.
Downtilt	0-16 Deg.	None	0-10 Deg.	1.25 Deg.
VSWR @ 50 ohms	1.5:1	1.5:1	1.4:1	<=1.4:1
Polarization	Vertical	Vertical	Vertical	Vertical
Intermodulation	-146 dBc	Not Specified	Not Specified	Not Specified
Null Fill	N/A	N/A	N/A	5%
Sidelobe Suppression (dB)	14-16 dB	N/A	>18	14
Lightning Protection	DC Ground	DC Ground	DC Ground	Direct Ground
Size (HxWxD")	3.93' x 11.81" x 5.12"	12" x 48" x 5"	12" x 48" x 5"	48.2x11.6x6.3
Weight	22	14	14	14.3
Rated Wind Velocity (MPH)	112	125	125	200
Wind Load, Flat Plate (sq ft)	Not Specified	4.10	3.60	3.9
Lateral Thrust @ RWV (lbs)	N/A	164	63	Not Specified
Bending Moment (ft lbs)	Not Specified	Not Specified	Not Specified	Not Specified
Connector (direct)	N Female	N Female	7/16 DIN Female	Elongated N/F
Jumper Included	None	None	None	None
Connector Placement	Bottom	Back	Bottom	Bottom
Mounting Hardware Included	7254.10 tilt bracket	DB380 Series Clamps	DB380 Series Clamps	None
Included Hardware Fits	1" - 5" OD Pole	For 3" pipe	3.5" pipe	
Optional Pipe Clamps				36210002 (Sku # 413102)
Warranty	1 Year	1 Year	1 Year	5 Years
TESSCO Part No.	**18547** 806-896 MHz	**39113** 806-896 MHz	**444300** NEW 806-896 MHz	**82705** 806-960 MHz
List Price: T-1 Price:	$1,285.00 $1,156.50	$1,163.00 $883.88	$1,768.00 $1,343.68	$850.00 $850.00
Ship lb.: T-2 Price:	28 lb. $1,092.25	18 lb. $866.44	16.5 lb. $1,317.16	0.01 lb. $807.50
Ship kg.: T-3 Price:	12.73 kg. $1,028.00	8.18 kg. $854.81	7.50 kg. $1,299.48	0.00 kg. $782.00

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DAPA 960.006	EMS Wireless FV105-12 Series	EMS Wireless FV90-12 Series	EMS Wireless FV70-12 Series	ARC Wireless Solutions CELVR12
nel	Panel	Panel	Panel	Log
igh performance broadband panel tenna, excellent for SMR or Cellar applications.	105 degree panel antenna for SMR or Cellular use. Rugged construction and stress free design. Low passive intermodulation. OptiFill for max coverage.	90 degree panel antenna for SMR or Cellular use. Rugged construction and stress free design. Low passive intermodulation. OptiFill for max coverage.	70 degree panel antenna for SMR or Cellular use. Rugged construction and stress free design. Low passive intermodulation. OptiFill for max coverage.	Log periodic antenna with a trim, high gain design easing site zoning and tower loading. 35 dB front to back ratio. Best intermodulation and highest efficency for optimum call quality.
6-960 .15 4 0	806-896 12.2 14.3 90 500	806-896 12.2 14.3 90 500	806-896 12.2 14.3 90 500	806-896 12.2 14.3 90 500
Deg. Deg. :1 rtical	10 Deg. 0,5,10 1.35:1 Vertical	12 Deg. See Below 1.35:1 Vertical	16 Deg. None 1.35:1 Vertical	16 Deg. See Below 1.33:1 Vertical
t Specified A -15 dB	-147 dBc <20 dB >18 dB	-147 dBc <20 dB >18 dB	-147 dBc <20 dB >18 dB	-153 dBc Not Specified Not Specified
A 'x 10"x 7.5" Lbs.	Chassis Ground 96" x 12" x 7" 34.0	Chassis Ground 72" x 12" x 7" 30.0	Chassis Ground 48" x 12" x 7" 34	DC Ground 53" x 12" x 8" 19.0
5 MPH 7N front 3 N t Specified	130 8 sq. ft. 230 lbs 21 ft lbs	130 6 sq. ft. 173 lbs 15.7 ft lbs	130 4 sq. ft. 230 lbs 21 ft lbs	125 209 sq. ft. Not Specified Not Specified
Female ne ck A A ears	See Below None Middle MTG-P00-30 1.5" to 5" pipe 1. Swiv. or Clust. 5 Years	See Below None Middle MTG-P00-10 1.5" to 5" pipe 1. Swiv. or Clust. 5 Years	7/16 DIN Female None Middle MTG-P00-30 1.5" to 5" pipe 1. Swiv. or Clust. 5 Years	7/16 DIN Female None Back BRT-048-S 1.5" to 5" pipe. 5 Years
793 806-960 MHz 204.00 $917.45 lb. $903.00 36 kg. $884.94	**69816** N Female **18209** 7/16 DIN Female $1,495.00 $1,472.58 40 lb. $1,233.38 18.18 kg. $1,196.00	**27676** N Female, 0 Deg. DT $1,264.00 $1,245.04 40 lb. $1,042.80 18.18 kg. $1,011.20 **66069** 7/16 DIN Female, 0 Deg. DT **86208** 7/16 DIN Female, 5 Deg. DT $1,264.00 $1,245.04 25 lb. $1,042.80 11.36 kg. $1,011.20	**96596** 806-896 MHz $960.00 $945.60 34 lb. $792.00 15.45 kg. $768.00	**438352** NEW 0 Degree DT **469366** NEW 5 Degree DT $596.00 $393.36 19 lb. $381.44 8.64 kg. $369.52

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800-1000 MHz Panel Antennas [342-45]

Manufacturer Table	DAPA 3960.005	DAPA 2960.005	Decibel Products DB894H65VTR	Sinclair SP-40-065-13D00
Type	Panel	Panel	Panel	Panel
Product Narrative	High performance broadband panel antenna, excellent for SMR or Cellular applications.	High performance broadband panel antenna, excellent for SMR or Cellular applications.	VARI-TILT directional panel antenna. Features superior Upper Side Lobe Suppression across the 0-10 degree variable tilt.	65 deg. panel Antenna for SMR an Cellular. Paintable finish. Parcel Shippable.
General Frequency (MHz)	806-960	806-960	806-960	806-960
Gain (dBd)	12.2	12.4	12.5	12.5
Gain (dBi)	14.35	14.5	14.6	14.65
Bandwidth @ Rated VSWR (MHz)	154	154	90	154
Maximum Power Input (Watts)	500	500	500	500
Vertical Beamwidth	15 Deg.	14 Deg.	16 Deg.	16.5 Deg.
Downtilt	0 Deg.	0 Deg.	0-10 Deg.	0 Deg.
VSWR @ 50 ohms	1.5:1	1.5:1	1.4:1	1.4:1
Polarization	Vertical	Vertical	Vertical	Vertical
Intermodulation	Not Specified	Not Specified	Not Specified	-150 dBc
Null Fill	N/A	N/A	N/A	LT -20 dB
Sidelobe Suppression (dB)	LT -17 dB	LT -16 dB	>18	LT 20 dB
Lightning Protection	N/A	N/A	DC Ground	DC Ground
Size (HxWxD")	51"x 12"x 4.5"	51"x 13"x 7.5"	12" x 48" x 3"	46" x 12" x 4.5"
Weight	18 Lbs.	22 Lbs.	14	13 Lbs.
Rated Wind Velocity (MPH)	125 MPH	125 MPH	125	110 MPH
Wind Load, Flat Plate (sq ft)	610N front	635N front	4.2	3.8 sq ft.
Lateral Thrust @ RWV (lbs)	270 N	348 N	Not Specified	276 Lbs.
Bending Moment (ft lbs)	Not Specified	Not Specified	Not Specified	Not Specified
Connector (direct)	N Female	N Female	7/16 DIN Female	7/16 DIN Female
Jumper Included	None	None	None	None
Connector Placement	Back	Back	Bottom	Not Specified
Mounting Hardware Included	N/A	N/A	DB380 Series Clamps	N/A
Included Hardware Fits	N/A	N/A	3.5" pipe	N/A
Optional Pipe Clamps				Order Sep.
Warranty	2 Years	2 Years	1 Year	2 Years
TESSCO Part No.	**43723** 806-960 MHz	**21042** 806-960 MHz	**462305** NEW 806-896 MHz **484310** NEW 806-896 MHz	**92559** 806-960 MHz
List Price: T-1 Price:	$1,219.00 $928.88	$1,204.00 $917.45	$2,226.00 $1,691.76	$824.00 $683.92
Ship lb.: T-2 Price:	20 lb. $914.25	36 lb. $903.00	14 lb. $1,658.37	13 lb. $650.96
Ship kg.: T-3 Price:	9.09 kg. $895.97	16.36 kg. $884.94	6.36 kg. $1,636.11	5.91 kg. $626.24

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clair -40-065-13D02	Sinclair SP-40-065-13D04	Decibel Products DB874H83 Series	Sinclair SP-40-090-13D00	Sinclair SP-40-090-13D04
el	Panel	Panel	Panel	Panel
deg. panel Antenna for SMR and lular. Paintable finish. Parcel ppable.	65 deg. panel Antenna for SMR and Cellular. Paintable finish. Parcel Shippable.	83 degree directional panel antenna. Electrically & mechanically designed to offer the best trade-off between size vs. windload & high front to back ratio.	90 deg. panel Antenna for SMR and Cellular. Paintable finish. Parcel Shippable.	90 deg. panel Antenna for SMR and Cellular. Paintable finish. Parcel Shippable.
-960 5 55	806-960 12.5 14.65 154 500	806-896 12.5 14.65 81 500	806-960 12.5 14.65 154 500	806-960 12.5 14.65 154 500
5 Deg. eg. l tical	16.5 Deg. 4 Deg. 1.4:1 Vertical	14 Deg. None 1.5:1 Vertical	11 Deg. See Below 1.4:1 Vertical	11 Deg. 4 Deg. 1.4:1 Vertical
) dBc 20 dB 20 dB	-150 dBc LT -20 dB LT 20 dB	Not Specified N/A N/A	-150 dBc LT -20 dB LT 17 dB	-150 dBc LT -20 dB LT 17 dB
Ground x 12" x 4.5" bs.	DC Ground 46" x 12" x 4.5" 13 Lbs	DC Ground 12" x 48" x 5" 14	DC Ground 69" x 12" x 4.5" 19 Lbs.	DC Ground 69" x 12" x 4.5" 19 Lbs.
MPH sq ft. Lbs. Specified	110 MPH 3.8 sq ft. 276 Lbs. Not Specified	125 4.10 328 Not Specified	110 MPH 5.8 sq ft. 412 Lbs. Not Specified	110 MPH 5.8 sq ft. 412 Lbs. Not Specified
DIN Female e Specified	7/16 DIN Female None Not Specified N/A	See Below None Back DB380 Series Clamps	7/16 DIN Female None Not Specified N/A	7/16 DIN Female None Not Specified N/A
er Sep. ars	N/A Order Sep. 2 Years	For 3" pipe 1 Year	N/A Order Sep. 2 Years	N/A Order Sep. 2 Years
45 806-960 MHz .00 $683.92 . $650.96 kg. $626.24	**27738** 806-960 MHz $824.00 $683.92 13 lb. $650.96 5.91 kg. $626.24	**12685** N Female $1,163.00 $883.88 18 lb. $866.44 8.18 kg. $854.81 **72398** 7/16 DIN Female $1,263.00 $959.88 18 lb. $940.94 8.18 kg. $928.31	**78096** 0 Degree DT **64882** 2 Degree DT $1,012.00 $839.96 19 lb. $799.48 8.64 kg. $769.12	**13275** 806-960 MHz $1,012.00 $839.96 19 lb. $799.48 8.64 kg. $769.12

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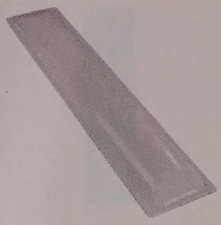
Cellular and PCS

800-1000 MHz Panel Antennas [342-45]

Manufacturer Table	DAPA 3980.006	ARC Wireless Solutions AMPVR15	RFS Celwave AP901212-3	Antel International RWB-80013/90
				
Type	Panel	Panel	Panel	Panel
Product Narrative	High performance broadband panel antenna, excellent for SMR or Cellular applications.	Vertically polarized panel antenna with best intermodulation performance on the market. Highest gain for size and beamwidth. Air dielectric delivers best S/N ratio and call quality.	These CELlite antennas are designed for applications in the AMPS, NAMPS, TACS, ETACS, NMT, and GSM cellular radio systems in the 824 to 960 MHz frequency band	Sector panel aluminum alloy antenna with fiberglass radome. Features length of antenna four channel extrusion, brass feedline non-collinear air insulated system for all radiating elements.
General Frequency (MHz)	806-960	806-894	824-960	806-960
Gain (dBd)	12.8	12.9	12.9	13
Gain (dBi)	14.95	15.0	15.0	15.1
Bandwidth @ Rated VSWR (MHz)	94	90	136	154
Maximum Power Input (Watts)	500	500	1000	500
Vertical Beamwidth	12 Deg.	16 Deg.	8.5 Deg	10 Deg.
Downtilt	0 Deg.	None	0 Deg.	1.25 Deg.
VSWR @ 50 ohms	1.5:1	1.33:1	1.5:1	<=1.4:1
Polarization	Vertical	Vertical	Vertical	Vertical
Intermodulation	Not Specified	-153 dBc	<-150	Not Specified
Null Fill	N/A	Not Specified	N/A	5%
Sidelobe Suppression (dB)	LT -16 dB	Not Specified	N/A	No Spec
Lightning Protection	N/A	DC Ground	Direct Ground	Direct Ground
Size (HxWxD")	68"x 12"x 4.5"	48" x 10" x 10"	77.8" x 10.4" x 5.1"	72x11.6x6.3
Weight	29 Lbs.	23.0	20.9 Lbs w/out hdwr	22.7
Rated Wind Velocity (MPH)	125 MPH	125	125	200
Wind Load, Flat Plate (sq ft)	826N front	3.1 sq. ft.	5.61	Not Specified
Lateral Thrust @ RWV (lbs)	384 N	Not Specified	195	Not Specified
Bending Moment (ft lbs)	Not Specified	Not Specified	Not Specified	Not Specified
Connector (direct)	N Female	7/16 DIN Female	7/16 DIN Female	Elongated N/F
Jumper Included	None	None	None	None
Connector Placement	Back	Back	Back	Bottom
Mounting Hardware Included	N/A	BRT-048-S	Fixed Pipe Bracket APM3-1	None
Included Hardware Fits	N/A	1.5" to 5" pipe.	Not Specified	
Optional Pipe Clamps				36210002 (Sku # 413102)
Warranty	2 Years	5 Years	5 Years	5 Years
TESSCO Part No.	**68902** 806-900 MHz	**486302** NEW 806-894 MHz	**74618** 824-960 MHz	**82795** 806-960 MHz
List Price: T-1 Price:	$1,511.00 $1,151.39	$900.00 $594.00	$1,540.00 $1,173.48	$1,148.00 $1,148.00
Ship lb.: T-2 Price:	30 lb. $1,133.25	16 lb. $576.00	28 lb. $1,155.00	0.01 lb. $1,090.60
Ship kg.: T-3 Price:	13.64 kg. $1,110.59	7.27 kg. $558.00	12.73 kg. $1,131.90	0.00 kg. $1,056.16

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lgon Telecom 43.24 Series	RFS Celwave AP906512-23	DAPA 3980.005	ARC Wireless Solutions CELVR13	DAPA 2980.006
justable Tilt Panel	Panel	Panel	Panel	Panel
degree directional CITY antenna h 0 to 16 degree field adjustable wntilt. 0 to 15 dB gain reduction horizon for cell optimization.	These CELlite antennas are designed for applications in the AMPS, NAMPS, TACS, ETACS, NMT, and GSM cellular radio systems in the 824 to 960 MHz frequency band.	High performance broadband panel antenna, excellent for SMR or Cellular applications.	65 Degree beamwidth panel antenna with a trim, high gain design that eases site zoning and tower loading. Best intermodulation and narrow beamwidth for 3G data rates. UV stabilized plastic radome.	High performance broadband panel antenna, excellent for SMR or Cellular applications.
6-896 15)	824-960 12.4-13.4 Freq Dependant 14.5-15.5 Freq Dependant 136 1000	806-960 13.2 15.35 94 500	806-960 13.4 15.5 90 500	806-960 13.5 15.65 154 500
Deg. 6 Deg. :1 rtical	17.5 Deg. 0 Deg. 1.5:1 Vertical	12 Deg. 0 Deg. 1.5:1 Vertical	16 Deg. See Below 1.33:1 Vertical	11 Deg. 0 Deg. 1.5:1 Vertical
6 dBc A A	<-150 N/A N/A	Not Specified N/A LT -16 dB	-153 dBc	Not Specified N/A LT -16 dB
Ground 3' x 11.81" x 5.12"	Direct Ground 46.9" x 11.6" x 9.8" 12.1 Lbs.	N/A 68"x 12"x 4.5" 30 Lbs.	DC Ground 53" x 12" x 8" 23.0	N/A 68"x 10"x 8" 31 Lbs.
2 t Specified A t Specified	125 2.82 176 Not Specified	125 MPH 826N front 384 N Not Specified	125 2.9 sq. ft. Not Specified Not Specified	125 MPH 585N front 610 N Not Specified
6 DIN Female ne tom 4.10 tilt bracket 5" OD Pole ne ear	N Female None Back Fixed Pipe Bracket APM3-1 Not Specified 5 Years	N Female None Back N/A N/A 2 Years	7/16 DIN Female None Back BRT-048-S 1.5" to 5" pipe. 5 Years	N Female None Back N/A N/A FIX 903 2 Years
154 806-896 MHz 285.30 $1,156.74 b. $1,092.48 73 kg. $1,028.21	**96828** 824-960 MHz $899.00 $685.04 25 lb. $674.25 11.36 kg. $660.77	**30509** 806-900 MHz $1,511.00 $1,151.39 35 lb. $1,133.25 15.91 kg. $1,110.59	**490357** NEW 806-960, 0 Deg. DT **472319** NEW 806-960, 4 Deg. DT **443300** NEW 806-960, 8 Deg. DT $596.00 $393.36 23 lb. $381.44 10.45 kg. $369.52	**31758** 806-960 MHz $1,494.00 $1,138.43 38 lb. $1,120.50 17.27 kg. $1,098.09

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800-1000 MHz Panel Antennas [342-45]

Manufacturer Table	DAPA 2981.006	Sinclair SP-40-065-14D00	Sinclair SP-40-065-14D02	Sinclair SP-40-065-14D04
Type	Panel	Panel	Panel	Panel
Product Narrative	High performance broadband panel antenna, excellent for SMR or Cellular applications.	65 deg. panel Antenna for SMR and Cellular. Paintable finish. Parcel Shippable.	65 deg. panel Antenna for SMR and Cellular. Paintable finish. Parcel Shippable. 2 deg downtilt.	65 deg. panel Antenna for SMR an Cellular. Paintable finish. Parcel Shippable. 4 deg downtilt.
General Frequency (MHz)	806-960	806-960	806-960	806-960
Gain (dBd)	13.5	13.5	13.5	13.5
Gain (dBi)	15.65	15.65	15.65	15.65
Bandwidth @ Rated VSWR (MHz)	154	154	154	154
Maximum Power Input (Watts)	500	500	500	500
Vertical Beamwidth	11 Deg.	11 Deg.	11 Deg.	11 Deg.
Downtilt	0 Deg.	0 Deg.	2 Deg.	4 Deg.
VSWR @ 50 ohms	1.5:1	1.4:1	1.4:1	1.4:1
Polarization	Vertical	Vertical	Vertical	Vertical
Intermodulation	Not Specified	LT -150dBc	LT -150dBc	LT-150dBc
Null Fill	N/A	LT -20 dB	LT -20 dB	LT -20 dB
Sidelobe Suppression (dB)	-16 db	LT 19 dB	LT 19 dB	LT 19 dB
Lightning Protection	N/A	DC Ground	DC Ground	DC Ground
Size (HxWxD")	68" x 10" x 8"	69" x 12" x 4.5"	69" x 12" x 4.5"	69" x 12" x 4.5"
Weight	31 Lbs.	20 Lbs.	20 Lbs.	20 Lbs.
Rated Wind Velocity (MPH)	125 MPH	110 MPH	110 MPH	110 MPH
Wind Load, Flat Plate (sq ft)	585N front	5.8 sq ft.	5.8 sq ft.	5.8 sq ft.
Lateral Thrust @ RWV (lbs)	610 N	412 Lbs.	412 Lbs.	412 Lbs.
Bending Moment (ft lbs)	Not Specified	Not Specified	Not Specified	Not Specified
Connector (direct)	N Female	7/16 DIN Female	7/16 DIN Female	7/16 DIN Female
Jumper Included	None	None	None	None
Connector Placement	Back	Not Specified	Not Specified	Not Specified
Mounting Hardware Included		N/A	N/A	N/A
Included Hardware Fits		N/A	N/A	N/A
Optional Pipe Clamps		Order Sep.	Order Sep.	Order Sep.
Warranty	2 Years	2 Years	2 Years	2 Years
TESSCO Part No.	**85069** 860	**28987** 806-960 MHz	**15773** 806-960 MHz	**54166** 806-960 MHz
List Price: T-1 Price:	$1,494.00 $1,138.43	$1,012.00 $839.96	$1,012.00 $839.96	$1,012.00 $839.96
Ship lb.: T-2 Price:	31 lb. $1,120.50	20 lb. $799.48	20 lb. $799.48	20 lb. $799.48
Ship kg.: T-3 Price:	14.09 kg. $1,098.09	9.09 kg. $769.12	9.09 kg. $769.12	9.09 kg. $769.12

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DAPA 980.005	RFS Celwave AP861214	Antel International RWA-80014	Antel International RWB-80014/120	Antel International RWB-80015/90
anel	Panel	Panel	Panel	Panel
igh performance broadband panel ntenna, excellent for SMR or Cellar applications.	The AP861214 is an 14 dBd gain, 120 degree sector antenna designed for low density, three sector AMPS/TACS cell sites where AMPS/TACS/GSM systems are combined into a single antenna.	Sector panel aluminum alloy antenna with fiberglass radome. Features length of antenna four channel extrusion, brass feedlines, non-collinear air insulated system for all radiating elements.	Sector panel aluminum alloy antenna with fiberglass radome. Features length of antenna four channel extrusion, brass feedlines, non-collinear air insulated system for all radiating elements.	Sector panel aluminum alloy antenna with fiberglass radome. Features length of antenna four channel extrusion, brass feedlines, non-collinear air insulated system for all radiating elements.
06-960 3.8 5.95 54 00	806-960 14.0 16.1 70 500	806-960 14 16.1 54 500	806-960 14 16.1 54 500	806-960 15 17.1 154 500
Deg. Deg. 5:1 ertical	6.30 Deg. None 1.5:1 Vertical	14 Deg. 1.25 Deg. <=1.4:1 Vertical	7 Deg. 1 Deg. <=1.4:1 Vertical	7 Deg. 1.25 Deg. <=1.4:1 Vertical
ot Specified /A -16 dB	<-100 N/A N/A	Not Specified 5% 15	Not Specified 5% 13	Not Specified 5% 12
/A "x 13"x 8" Lbs	Direct Ground 110" x 8" x 5" 40	Direct Ground 48.2 x 11.6 x6.3 14.3	Direct Ground 96.5 x 11.6 x 6.3 31	Direct Ground 96.5x11.6x6.3 31
5 MPH 6N front 0 N ot Specified	100 5.30 3.47 Not Specified	200 3.9 Not Specified Not Specified	175 7.87 Not Specified Not Specified	175 7.87 Not Specified Not Specified
Female one ck A A Years	N Female None Back Stainless & Galvanized Steel Clamps For 1.75-4" pipe 5 Years	Elongated N/F None Bottom 36210002 (Sku # 413102) 5 Years	Elongated N/F None Bottom None 36210002 (Sku # 413102) 5 Years	See Below None Bottom No 2"-6.3" Or U-clamps up to 2" 36210002 (Sku # 413102) 5 Years
8365 806-960 MHz ,494.00 $1,138.43 lb. $1,120.50 .27 kg. $1,098.09	**29072** 806-960 MHz $1,586.00 $1,208.54 40 lb. $1,189.50 18.18 kg. $1,165.71	**82688** 806-960 MHz $850.00 $850.00 14.3 lb. $807.50 6.50 kg. $782.00	**82849** 806-960 MHz $1,445.00 $1,445.00 0.01 lb. $1,372.75 0.00 kg. $1,329.40	**467174** NEW 7/16 DIN Female $1,467.00 $1,467.00 31 lb. $1,393.65 14.09 kg. $1,349.64 **82828** N Female $1,445.00 $1,445.00 31 lb. $1,372.75 14.09 kg. $1,329.40

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Cellular and PCS

800-1000 MHz Panel Antennas [342-45]

Manufacturer Table	RFS Celwave AP906516	Decibel Products DB884H45 Series	Antel International RWA-80016	Decibel Products DB864H90-SX
Type	Panel	Panel	Panel	Panel
Product Narrative	CELlite 65 degree, lightweight, directional antenna designed for low wind loading and low intermod susceptibility. 16dB gain.	45 degree directional panel antenna. Electrically & mechanically designed to offer the best trade-off between size vs. windload & high front to back ratio.	Sector panel aluminum alloy antenna with fiberglass radome. Features length of antenna four channel extrusion, brass feedlines, non-collinear air insulated system for all radiating elements.	Small, lightweight Mini-Panel antenna that is only 6-1/4" wide an 2.75" thick. A great choice for visu ally sensitive sights.
General Frequency (MHz)	824-960	820-901	806-960	806-896
Gain (dBd)	14.9-15.4 Freq Dependant	15.6	16	12
Gain (dBi)	17.0-17.5 Freq Dependant	17.75	18.1	14.1
Bandwidth @ Rated VSWR (MHz)	136	81	154	90
Maximum Power Input (Watts)	1000	500	500	500
Vertical Beamwidth	8.5 Deg	14 Deg.	7 Deg.	15
Downtilt	None	None	1.25 Deg.	None
VSWR @ 50 ohms	1.5:1	1.5:1	<=1.4:1	1.4:1
Polarization	Vertical	Vertical	Vertical	Vertical
Intermodulation	-150 dBc	Not Specified	Not Specified	Not Specified
Null Fill	N/A	N/A	5%	Not Specified
Sidelobe Suppression (dB)	N/A	N/A	12	Upper
Lightning Protection	DC Ground	DC Ground	Direct Ground	DC Ground
Size (HxWxD")	77.8" x 10.5" x 5.12"	12" x 48" x 5"	96.5x11.6x6.3	48" x 6" x 3"
Weight	24 Lbs.	14	31	13
Rated Wind Velocity (MPH)	125	125	175	125
Wind Load, Flat Plate (sq ft)	5.61	4.10	7.8	2.1
Lateral Thrust @ RWV (lbs)	352	164	Not Specified	84
Bending Moment (ft lbs)	Not Specified	Not Specified	Not Specified	Not Specified
Connector (direct)	7/16 DIN Female	See Below	Elongated N/F	N Female
Jumper Included	None	None	None	None
Connector Placement	Back	Back	Bottom	Back
Mounting Hardware Included	APM3-1 Clamp Kit	DB380 Series Clamps	None	Mounting Clamps
Included Hardware Fits		For 3" pipe		
Optional Pipe Clamps			36210002 (Sku # 413102)	
Warranty	5 Years	1 Year	5 Years	1 Year
TESSCO Part No.	**89081** 824-960 MHz	**36615** N Female	**84601** 806-960 MHz	**91672** NEW 806-896
List Price: T-1 Price:	$1,540.00 $1,173.48	$1,415.00 $1,075.40	$1,445.00 $1,445.00	$998.00 $758.48
Ship lb.: T-2 Price:	33 lb. $1,155.00	18 lb. $1,054.18	50 lb. $1,372.75	13 lb. $743.51
Ship kg.: T-3 Price:	15.00 kg. $1,131.90	8.18 kg. $1,040.03	22.72 kg. $1,329.40	5.91 kg. $733.53
		69900 7/16 DIN Female		
		$1,515.00 $1,151.40		
		18 lb. $1,128.68		
		8.18 kg. $1,113.53		

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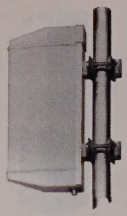
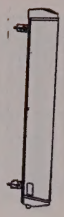
Manufacturer Table

800-960 MHz Log Periodic/ Directional [342-46]

	Sinclair SRL 441-2	Sinclair SRL-410C4-2-1	Sinclair SRL-410C4-4-1	Sinclair SRL-411C-4RXN
				
Type	Log Periodic	Enclosed Dipole Array	Enclosed Dipole Arrays	Adjustable Dipole Array
Product Narrative	Low profile broadband log periodic antenna. Low profile makes them inconspicuous. Rugged but light-weight construction makes antenna survive conditions the surface or structure mounted on sustains.	1/2 wave dipole spacing gives these antennas a bidirectional pattern. 8dB gain. Radiators housed within a durable ABS radome.	1/4 wave dipole spacing gives these antennas a 212 degree offset pattern. 8 dB gain. Radiators housed within a durable ABS radome.	Enclosed dipole array antenna with a adjustable reflector assembly allows horizontal pattern to be changed from 60 to 160 degrees.
General Freq. (MHz)	800-1000	806-896	806-896	824-894
Bandwidth @ Rated VSWR (MHz)	200	90	90	70
Gain (dBd)	8	8	8	8-11
Gain (dBi)	10	10.15	10.15	10-13
Maximum Power Inupt (Watts)	500	500	500	500
H. Beamwidth	95 Deg.	N/A	212 Deg.	60-160
Vert. Beamwidth	33 Deg.	16 Deg.	16 Deg.	20 Deg.
Downtilt (deg)	None	None	None	None
Front to Back Ratio (dB)	25 dB	N/A	N/A	25 dB
VSWR	1.5:1	1.5:1	1.5:1	1.5:1
Polarization	Vertical	Vertical	Vertical	Vertical
Intermodulation	N/A	N/A	N/A	N/A
Null Fill	N/A	N/A	N/A	N/A
Sidelobe Suppression (dB)	N/A	N/A	N/A	N/A
Lightning Prot.	DC Ground	DC Ground	DC Ground	DC Ground
Size (HxWxD")	22.5" x 2.78" x 8.5"	44.3" x 2.9"	44.3" x 2.9"	53" x 25"
Weight	35	11	11	13
Rated Wind Velocity (RWV)	100	100	100	100
Wind Load, (sq ft)		2.54	254	N/A
Lateral Thrust @ RWV (lbs)	85	85	85	157
Bending Moment @ RWV (ft lbs)	N/A	N/A	N/A	N/A
Connector (direct)	N Female	N Female	N Female	N Female
Jumper Included	None	None	None	None
Connector Placement	Bottom	Back	Back	Back
Incl. Hardware Fits	Up to 2.78 O.D. pipe	For 1.5-2.9" pipe	For 1.5-2.9" pipe	For 1.5-2.9" pipe
Opt. Downtilt Bracket	-	141	141	141
Warranty	2 Years	2 Years	2 Years	2 Years
TESSCO Part No.	**459031** 800-1000	**26411** 806-896	**33762** 806-896	**46268** 824-894 MHz
List Price: T-1 Price:	$665.00 $551.95	$876.00 $727.08	$876.00 $727.08	$1,140.00 $946.20
Ship lb.: T-2 Price:	25 lb. $525.35	25 lb. $692.04	11 lb. $692.04	23 lb. $900.60
Ship kg.: T-3 Price:	11.36 kg. $505.40	11.36 kg. $665.76	5.00 kg. $665.76	10.45 kg. $866.40

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800-960 MHz Log Periodic/ Directional [342-46]

Manufacturer Table	RFS Celwave APL869009-12TO	Decibel Products DB842H90-XY	Sinclair SRL-410C4RXN	Antel International APL868010-42TO
Type	Log Periodic	Log Periodic	Adjustable Dipole Array	Log Periodic
Product Narrative	Maximizer log periodic antenna. High front to back ratio. Monolithic design with no rivets, cables, or soldered joints. Includes downtilt brackets.	"dB Director" log periodic antennas are high quality, lightweight and provide an unmatched front to back ratio of 40 dB.	Enclosed dipole array antenna with a adjustable reflector assembly allows horizontal pattern to be changed from 60 to 160 degrees.	Maximizer log periodic antenna. High front to back ratio. Monolithic design with no rivets, cables, or soldered joints. Includes downtilt bracket.
General Freq. (MHz)	806-894	806-960	806-896	806-894
Bandwidth @ Rated VSWR (MHz)	88	154	90	88
Gain (dBd)	9	9	9-13.5	10
Gain (dBi)	11.1	11.15	11-15	12.1
Maximum Power Inupt (Watts)	500	500	500	500
H. Beamwidth	90 Deg.	90 Deg.	60-160	80 Deg.
Vert. Beamwidth	30 Deg.	30 Deg.	16 Deg.	30 Deg.
Downtilt (deg)	Clamp Incl.	None	None	Clamp Incl.
Front to Back Ratio (dB)	45 dB	40 dB	N/A	45 dB
VSWR	1.5:1	1.5:1	1.5:1	1.5:1
Polarization	Vertical	Vertical	Vertical	Vertical
Intermodulation	-100 dBm	N/A	N/A	N/A
Null Fill	N/A	N/A	N/A	N/A
Sidelobe Suppression (dB)	N/A	N/A	N/A	N/A
Lightning Prot.	DC Ground	DC Ground	DC Ground	DC Ground
Size (HxWxD")	24" x 8" x 6"	24" x 5" x 8"	44.3" x 19"	24" x 6" x 8"
Weight	4.45 Lbs.	1.8	27	4.45
Rated Wind Velocity (RWV)	125	100	100	125
Wind Load, (sq ft)	1.0	1.0	2.8	1.0
Lateral Thrust @ RWV (lbs)	63 lbs.	40	100	40
Bending Moment @ RWV (ft lbs)	N/A	N/A	N/A	N/A
Connector (direct)	N Female	N Female	N Female	7/16 DIN Female
Jumper Included	None	None	None	None
Connector Placement	Back	Back	Back	Back
Incl. Hardware Fits	For 1.5-3" pipe	For 3" pipe	For 1.5-2.9" pipe	For 1.5-3" pipe
Opt. Downtilt Bracket	Included	DB5083	141	Included
Warranty	5 Years	1 Year	2 Years	5 Years
TESSCO Part No.	**76823** 806-894 MHz	**24529** 806-960 MHz	**58416** 806-896	**67388** 806-894
List Price: T-1 Price:	$909.00 $692.66	$759.00 $576.84	$1,140.00 $946.20	$972.00 $972.00
Ship lb.: T-2 Price:	9.5 lb. $681.75	4 lb. $565.46	35 lb. $900.60	31 lb. $923.40
Ship kg.: T-3 Price:	4.32 kg. $668.12	1.82 kg. $557.87	15.91 kg. $866.40	14.09 kg. $894.24

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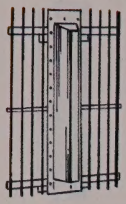
cibel Products 842H80-XY	RFS Celwave APL868010-12T0	Sinclair SRL-410C9-4-1	Decibel Products DB834R Series	Decibel Products DB567KR90
				
Periodic	Panel/Log Periodic	Enclosed Dipole Array	Directional	Directional
Director" log periodic antennas high quality, lightweight and vide an unmatched front to ratio of 40 dB.	The Celwave Maximizer series is a log periodic dipole array which uses a patent pending design to achieve a front-to-back ratio of 45 dB, the highest front-to-back ratio in the industry. Maximizers are available to cover ESMR, AMPS, PCS and DCS frequency ranges.	1/4 wave dipole spacing gives these antennas a offset radiation pattern. 10 dB gain. Radiators housed within a durable ABS radome	105 degree directional antenna designed for AMPS platforms. Radiating elements enclosed in radome attached to aluminum back screen.	190 degree sector antenna. Center-fed design, enclosed in Aeroglas radome. Antenna is mounted at the apex of a reverse 90 deg. open grid back screen.
-960 5	806-894 88 10 12.1 500	806-896 90 10 12.15 500	820-900 80 10 12.15 500	806-894 25 10 12.15 500
Deg. Deg. e B	80 30 0 45 1.5:1	212 Deg. 8 Deg. None N/A 1.5:1	105 Deg. 18.5 Deg. None 25 dB 1.5:1	190 Deg. 6 Deg. None 25 dB 1.5:1
ical	Vertical -100 N/A N/A	Vertical N/A N/A N/A	Vertical N/A N/A N/A	Vertical N/A N/A N/A
Ground x 6" x 8.5"	Direct Ground 24" x 6' x 8" 4.45 Lbs.	DC Ground 94.5" x 2.9" 24	DC Ground 42" x 20.5" x 7" 40	DC Ground 13.4' x 18" 80
	125 1.34 83	100 5.45 180 N/A	100 2.35 80 N/A	100 7 240 N/A
male e 3" pipe 083 ar	N Female None Back Not Specified 5 Years	N Female None Back For 1.5-2.9" pipe 142 2 Years	7/8" Flange None Back N/A DB5086TM 1 Year	N Female None Bottom For 3" pipe ASP-988/989 1 Year
01 806-960 MHz .00 $652.84 $639.96 kg. $631.37	**13251** 806-894 MHz $1,009.00 $768.86 8.5 lb. $756.75 3.86 kg. $741.62	**64804** 806-896 $1,340.00 $1,112.20 24 lb. $1,058.60 10.91 kg. $1,018.40	**95716** 820-900 MHz $1,390.00 $1,056.40 33 lb. $1,035.55 15.00 kg. $1,021.65	**83027** 824-849 MHz **78781** 869-894 MHz $2,460.00 $1,857.30 101 lb. $1,820.40 45.90 kg. $1,783.50

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Cellular and PCS

800-960 MHz Log Periodic/ Directional [342-46]

Manufacturer Table	Sinclair SRL-411C-9RXN-1	Antel International LPD-7905/4	Sinclair SRL-410C-9RXN-1	Decibel Products DB561K
Type	Adjustable Dipole Array	Log Periodic	Enclosed Dipole Array	Directional
Product Narrative	Enclosed dipole array antenna with a adjustable reflector assembly allows horizontal pattern to be changed from 60 to 160 degrees.	Log periodic antenna with fiberglass radome. True log-periodic design, superior front-to-side performance minimizing sector overlap; brass dipoles and feedlines; non-collinear air insulated system for all radiating elements.	Enclosed dipole array antenna with a adjustable reflector assembly allows horizontal pattern to be changed from 60 to 160 degrees.	180 degree sector. Extremly rugged. New AEROGLAS construcdic assures maximum mechanical strength. Drain plugs at both end
General Freq. (MHz)	806-960	806-960	806-896	806-952
Bandwidth @ Rated VSWR (MHz)	70	154	90	25
Gain (dBd)	10.5-15	11	11-15.5	11
Gain (dBi)	12-17	13.1	13-17	13.15
Maximum Power Inupt (Watts)	500	500	500	500
H. Beamwidth	60-160	92	60-160	180 Deg.
Vert. Beamwidth	8 Deg.	15	8 Deg.	6 Deg.
Downtilt (deg)	None	1.25	None	None
Front to Back Ratio (dB)	25 dB	37.2 (avg +/- 30 deg)	N/A	12 dB
VSWR	1.5:1	<=1.25:1	1.5:1	1.5:1
Polarization	Vertical	Vertical	Vertical	Vertical
Intermodulation	N/A		N/A	N/A
Null Fill	N/A	5%	N/A	N/A
Sidelobe Suppression (dB)	N/A	15	N/A	N/A
Lightning Prot.	DC Ground	Direct Ground	DC Ground	DC Ground
Size (HxWxD")	103" x 25"	47 x 5 x 10	94.5" x 19.1"	13.4' x 2.38"
Weight	36	22.1	35	43
Rated Wind Velocity (RWV)	100	200	100	150
Wind Load, (sq ft)	N/A	2.8	5.94	2.87
Lateral Thrust @ RWV (lbs)	368		213	104
Bending Moment @ RWV (ft lbs)	N/A		N/A	N/A
Connector (direct)	N Female	N Female	N Female	N Female
Jumper Included	None	None	None	None
Connector Placement	Back	Back	Back	Bottom
Incl. Hardware Fits	For 1.5-2.9" pipe		For 1.5-2.9" pipe	For 1.25-3.5" pipe
Opt. Downtilt Bracket	142	36114002	142	ASP-988/989
Warranty	2 Years	5 Years	2 Years	1 Year
TESSCO Part No.	**42652** 806-896 MHz	**79759** 806-960 MHz	**49148** 806-896	**64863** 824-849 MHz
				89272 869-894 MHz
List Price: T-1 Price:	$1,596.00 $1,324.68	$778.00 $778.00	$1,596.00 $1,324.68	$1,780.00 $1,343.90
Ship lb.: T-2 Price:	60 lb. $1,260.84	22 lb. $739.10	34 lb. $1,260.84	59 lb. $1,317.20
Ship kg.: T-3 Price:	27.27 kg. $1,212.96	10.00 kg. $715.76	15.45 kg. $1,212.96	26.82 kg. $1,290.50

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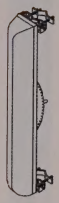
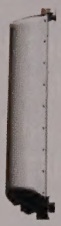
Antel International BCR80010:NE180	RFS Celwave ALE859012 Series	Decibel Products DB844H90VT-X	Decibel Products DB844G90VTASX	Antel International RWA80012NE
				
Directional	Panel	Log Periodic w/AEDT	Log Periodic	Panel
Omni aluminum alloy antenna with reflector and fiberglass radome. Features length of antenna four channel extrusion, brass feedlines, non-collinear air insulated system for all radiating elements.	The Celwave Optimizer is a log periodic dipole antenna with continuosly adjustable electrical downtilt. This antenna features a patented CELlite technology, which eliminates cables and soldered joints, often the cause of reduced system perfomance due to potential long-term IM issues.	"dB Director" log periodic antenna with adjustable electrical downtilt. 40 dB front to back ratio.	ZoneMaster GEN3VPOL Log Periodic antenna with adjustable Vertical Beam Tilt	Sector panel aluminum alloy antenna with fiberglass radome. Features length of antenna four channel extrusion, brass feedlines, non-collinear air insulated system for all radiating elements.
06-900 4 MHz 1.5 3.6 00	806-941 135 11.5 13.6 500	820-900 80 11.5 13.6 500	806-960 90 11.8 13.9 500	806-960 154 12 14.1 500
pecial Oval Pattern 25 =1.5:1	90 16 0 to -14 (Continuous) 40 1.5:1	90 Deg. 15 Deg. 0-15 deg. 40 dB 1.5:1	90 16 0-16 35 1.4:1	102 14 N/A 28.1 (avg +/- 30 deg) <=1.4:1
ertical /A %)	Vertical -100 N/A N/A	Vertical N/A N/A N/A	Vertical Not Specified Not Specified >15	Vertical 5% 14
irect Ground 36 x 4.3 x 10 3	Direct Ground 48.3" x 7.75" x 10.1 22 Lbs.	DC Ground 48" x 6" x 8.5" 12	DC Grounded 48x6.5x8 20	Direct Ground 49 x 12 x 7 14.3
2 sq ft	125 4.2 206 N/A	125 2.0 80 N/A	100 5.8 Not Specified Not Specified	3.9
Female one ottom Years	See Below None Lower Back 1 7/8" to 4" OD Pipe N/A 5 Years	See Below None Back For 3" pipe DB5083 1 Year	7/16 DIN Female None Back 3.5" Pipe 2 Years	N Female None Bottom DT80012(32634) 5 Years
3342 806-900 ,527.00 $1,527.00 lb. $1,450.65 .27 kg. $1,404.84	**76662** 7-16 DIN Female w/ Fixed Bracket $1,590.00 $1,211.58 25 lb. $1,192.50 11.36 kg. $1,168.65 **457354** NEW 7-16 DIN-Female w/ DT Bracket $1,720.00 $1,310.64 25 lb. $1,290.00 11.36 kg. $1,264.20 **64899** N-Female w/ DT Bracket $1,620.00 $1,234.44 25 lb. $1,215.00 11.36 kg. $1,190.70	**21088** N-Female $1,590.00 $1,208.40 30 lb. $1,184.55 13.64 kg. $1,168.65 **469140** 7/16 DIN Female $1,690.00 $1,284.40 24 lb. $1,259.05 10.91 kg. $1,242.15	**469362** NEW 806-896 $1,690.00 $1,284.40 20 lb. $1,259.05 9.09 kg. $1,242.15	**91735** 806-960 $850.00 $850.00 19 lb. $807.50 8.64 kg. $782.00

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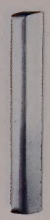
Cellular and PCS

800-960 MHz Log Periodic/ Directional [342-46]

Manufacturer Table	Antel International BCR80010:NE270	Allgon Telecom 7834.00	RFS Celwave APL868013 Series	RFS Celwave APL869012 Series
				
Type	Directional	Log Periodic	Log Periodic	Log Periodic
Product Narrative	Omni aluminum alloy antenna with reflector and fiberglass radome. Features length of antenna four channel extrusion, brass feedlines, non-collinear air insulated system for all radiating elements.	90 Degree log periodic sector antenna. Ideally suited for rough conditions and extreme weather conditions. Robust mechanical design is so precise that no tuning or adjustments are required.	Maximizer log periodic antenna. High front to back ratio. Monolithic design with no rivets, cables, or soldered joints. Includes downtilt bracket.	Maximizer log periodic antenna. High front to back ratio. Monolithic design with no rivets, cables, or soldered joints. Downtilt bracket included.
General Freq. (MHz)	806-900	806-896	806-894	806-894
Bandwidth @ Rated VSWR (MHz)	94 MHz	90	88	88
Gain (dBd)	12	12	12	12
Gain (dBi)	14.1	14	14.1	14.1
Maximum Power Inupt (Watts)	500	500	500	500
H. Beamwidth	192	90 Deg.	80 Deg.	90 Deg.
Vert. Beamwidth	7	15 Deg.	15 Deg.	15 Deg.
Downtilt (deg)	N/A	0	Clamp Incl.	Clamp Incl.
Front to Back Ratio (dB)	25 (avg +/- 30 deg)	> 30 dB	45 dB	45 dB
VSWR	<=1.5:1	1.5:1	1.5:1	1.5:1
Polarization	Vertical	Vertical	Vertical	Vertical
Intermodulation	N/A	-150 dBc	-100 dBm	-100 dBm
Null Fill	5%	N/A	N/A	N/A
Sidelobe Suppression (dB)	12	> 17 dB	N/A	N/A
Lightning Prot.	Direct Ground	DC Ground	DC Ground	DC Ground
Size (HxWxD")	136 x 15 x 12	50.6' x 7.6" x 10.6"	48" x 8" x 6"	48" x 8" x 6"
Weight	44	15.2	6.32 Lbs.	9.25 Lbs.
Rated Wind Velocity (RWV)		156	125	125
Wind Load, (sq ft)	6.0 sq ft	3.7	6.3	3.3
Lateral Thrust @ RWV (lbs)		No Spec	206	206
Bending Moment @ RWV (ft lbs)		No Spec	N/A	N/A
Connector (direct)	N Female	7/16 DIN Female	See Below	See Below
Jumper Included	None	None	None	None
Connector Placement	Bottom	Back	Back	Back
Incl. Hardware Fits		1"-5" diameter pole	For 1.5-3" pipe	For 1.5-3" pipe
Opt. Downtilt Bracket	36411001	N/A	Included	Included
Warranty	5 Years	1 Year	5 Years	5 Years
TESSCO Part No.	**53202** 806-900	**458141** 806-896	**24928** N-Female	**87251** N Female
List Price: T-1 Price:	$1,527.00 $1,527.00	$638.50 $574.62	$1,249.00 $951.74	$1,149.00 $875.54
Ship lb.: T-2 Price:	44 lb. $1,450.65	15.2 lb. $542.70	18 lb. $936.75	18 lb. $861.75
Ship kg.: T-3 Price:	20.00 kg. $1,404.84	6.91 kg. $510.77	8.18 kg. $918.02	8.18 kg. $844.52
			68605 7-16 DIN Female	**10338** 7/16 DIN Female
			$1,349.00 $1,027.94	$1,249.00 $951.74
			18 lb. $1,011.75	18 lb. $936.75
			8.18 kg. $991.52	8.18 kg. $918.02

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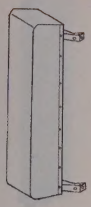
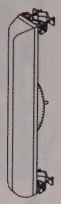
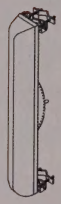
Decibel Products DB844H90-XY	Decibel Products DB844H90F-XY	Antel International BCR-80012	Decibel Products DB562	Decibel Products DB846H105E-SX
				
og Periodic	Log Periodic	Directional	Directional Fiberglass	
IB Director" log periodic antennas re high quality, lightweight and rovide an unmatched front to ack ratio of 40 dB. Null fill & pper lobe supression.	"dB Director" log periodic antenna. Radiating elements are radome enclosed. Aluminum reflectors produce 65 deg. coverage pattern.	Omni aluminum alloy antenna with reflector and fiberglass radome. Features length of antenna four channel extrusion, brass feedlines, non-collinear air insulated system for all radiating elements.	150 degree sector. Extremly rugged. New AEROGLAS construction assures maximum mechanical strength. Drain plugs at both ends.	"db Director" log periodic antenna with adjustable electrical downtilt. Lightweight and provide an unmatched front to back ratio of 40 db. Null fill & upper lobe supression.
06-960 54 2 4.15 00	806-960 154 12 14.1 500	806-900 94 MHz 12 14.4 500	806-952 25 12 14.15 500	806-896 90 12.5 14.65 500
0 Deg. 5 Deg. one 0 dB 5:1	90 Deg. 15 Deg. None 40dB 1.5:1	220 7 1.25 14.4 (avg +/- 30 deg) <=1.5:1	150 Deg. 6 Deg. None 15 dB 1.5:1	105 Deg. 11 Deg. N/A 40 dB
ertical /A /A /A	Vertical N/A N/A N/A	Vertical N/A 5% 17	Vertical N/A N/A N/A	Vertical N/A N/A
C Ground " x 6" x 8.5" 5	DC Ground 48" x 26" x 12" 19	Direct Ground 136 x 7 x 11 42	DC Ground 7" x 13.42' 47	DC Ground 48" x 6" x 8.5" 12
0 0 /A	125 5.0 200 Lbs. N/A	150 6.0 sq ft	150 3.41 123 N/A	125 2.0 80 N/A
Female one ck r 3" pipe 85083 Year	N Female None Back For 3" pipe DB5083 1 Year	N Female None Bottom 36411001 5 Years	N Female None Bottom For 1.25-3.5" pipe ASP-988/989 1 Year	7/16 DIN Female None DB5083 1 Year
0612 806-960 MHz 99.00 $683.24 b. $669.76 8 kg. $660.77	**29279** 806-960 MHz $1,208.00 $918.08 7 lb. $899.96 3.18 kg. $887.88	**70823** 806-900 $1,440.00 $1,440.00 50 lb. $1,368.00 22.72 kg. $1,324.80	**13256** 824-849 MHz **36416** 869-894 MHz $1,880.00 $1,419.40 63 lb. $1,391.20 28.63 kg. $1,363.00	**52882** 806-896 $1,790.00 $1,360.40 44 lb. $1,333.55 20.00 kg. $1,315.65

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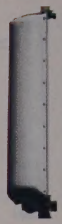
800-960 MHz Log Periodic/ Directional [342-46]

Manufacturer Table	Decibel Products DB844G80VTASX	Decibel Products DB844G65VT	Allgon Telecom 7824.00	Antel International RWA80013NE
				
Type	Log Periodic	Log Periodic	Log Periodic	Panel
Product Narrative	ZoneMaster GEN3VPOL Log Periodic antenna with adjustable Vertical Beam Tilt	ZoneMaster GEN3VPOL Log Periodic antenna with adjustable Vertical Beam Tilt	80 Degree log periodic sector antenna. Ideally suited for rough conditions and extreme weather conditions. Robust mechanical design is so precise that no tuning or adjustments are required.	Sector panel aluminum alloy antenna with fiberglass radome. Features length of antenna four channel extrusion, brass feedlines non-collinear air insulated system for all radiating elements.
General Freq. (MHz)	806-960	806-960	806-896	806-960
Bandwidth @ Rated VSWR (MHz)	90	90	90	154
Gain (dBd)	12.5	13	13	13
Gain (dBi)	14.6	15.1	15	15.1
Maximum Power Inupt (Watts)	500	500	500	500
H. Beamwidth	80	65	80 Deg.	78
Vert. Beamwidth	16	14.5	15 Deg.	14
Downtilt (deg)	0-16	0-16	0	N/A
Front to Back Ratio (dB)	35	35	> 30 dB	29 (avg +/- 30 deg)
VSWR	1.4:1	1.4:1	<1.4:1	<=1.4:1
Polarization	Vertical	Vertical	Vertical	Vertical
Intermodulation	Not Specified	Not Specified	-150 dBc	
Null Fill	Not Specified	Not Specified	N/A	5%
Sidelobe Suppression (dB)	>15	15	> 17 dB	14
Lightning Prot.	DC Ground	DC Ground	DC Ground	Direct Ground
Size (HxWxD")	48x6.5x8	48 x 12.5 x 8.5	50.6' x 11.6" x 10.6"	49 x 12 x 7
Weight	20	20	24	14.4
Rated Wind Velocity (RWV)	100	100	156	
Wind Load, (sq ft)	5.8	168	3.9	3.9
Lateral Thrust @ RWV (lbs)	Not Specified	Not Specified	No Spec	
Bending Moment @ RWV (ft lbs)	Not Specified	Not Specified	No Spec	
Connector (direct)	7/16 DIN Female	7/16 DIN Female	7/16 DIN Female	N Female
Jumper Included	None	None	None	None
Connector Placement	Back	Back	Back	Bottom
Incl. Hardware Fits	3.5" pipe	3.5" Pipe	1"-5" diameter pole	
Opt. Downtilt Bracket			N/A	DT80012(32634)
Warranty	2 Years	5 Years	1 Year	5 Years
TESSCO Part No.	**467340** NEW 806-896	**490334** NEW 806-896	**448199** 806-896	**84817** 806-960
List Price: T-1 Price:	$1,895.00 $1,440.20	$1,840.00 $1,398.40	$650.15 $585.12	$850.00 $850.00
Ship lb.: T-2 Price:	20 lb. $1,411.78	20 lb. $1,370.80	24 lb. $552.62	19 lb. $807.50
Ship kg.: T-3 Price:	9.09 kg. $1,392.83	9.09 kg. $1,352.40	10.91 kg. $520.11	8.64 kg. $782.00

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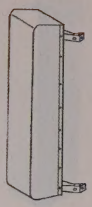
Antel International BCR-80013	Decibel Products DB844H80N-XY	Antel International BCR80010:NE90	Allgon Telecom 7130.18.33.00	Allgon Telecom 7125.16 Series
				
Directional	Log Periodic	Directional	Log Periodic	Log Periodic
Omni aluminum alloy antenna with reflector and fiberglass radome. Features length of antenna four channel extrusion, brass feedlines, non-collinear air insulated system for all radiating elements.	"dB Director" log periodic antennas are high quality, lightweight and provide an unmatched front to back ratio of 40 dB. Null fill & upper lobe supression.	Omni aluminum alloy antenna with reflector and fiberglass radome. Features length of antenna four channel extrusion, brass feedlines, non-collinear air insulated system for all radiating elements.	95 Degree log periodic sector antenna. Ideally suited for rough conditions and extreme weather conditions. Robust mechanical design is so precise that no tuning or adjustments are required.	Log periodic sector antenna. Broadbanded. Ideally suited for rough conditions and extreme weather.
806-900 94 13 15.1 500	806-960 154 13 15.15 500	806-900 94 MHz 13.5 15.6 500	806-896 90 14 16 500	806-896 90 14 16.1 500
80 .25 4.3 (avg +/- 30 deg) <=1.5:1	80 Deg. 15 Deg. None 40dB 1.5:1	185 7 N/A 9.7 (avg +/- 30 deg) <=1.5:1	95 Deg. 8 Deg. None 28 dB 1.5:1	60 Deg. 15 Deg. None 30 dB 1.5:1
Vertical % 1	Vertical N/A N/A N/A	Vertical N/A 5% 13	Vertical -146 dBc N/A N/A	Vertical -146 dBc N/A N/A
Direct Ground 36 x 4 x 8 6	DC Ground 48" x 6" x 8.5" 3.5	Direct Ground 136 x 5 x 7 35	DC Ground 8.53' x 11.5" x 11.5" 35	DC Ground 4.33"x17.3"x11.5" 19
50 .2	100 2.0 80 N/A	4.2 sq ft	112 8.1 262.9 143.7	112 5.4 175.3 70
l Female None ottom	N Female None Back	N Female None Bottom	7/16 DIN Female None Side	7/16 DIN Female None Center
6411001 Years	For 3" pipe DB5083 1 Year	36411001 5 Years	1" - 5" OD Pipe 1 Year	2.3-4.7" Pipe 1 Year
28404 806-900 1,483.00 $1,483.00 0 lb. $1,408.85 1.82 kg. $1,364.36	**11315** 806-960 MHz $999.00 $759.24 29 lb. $744.26 13.18 kg. $734.27	**28535** 806-900 $1,527.00 $1,527.00 115 lb. $1,450.65 52.27 kg. $1,404.84	**96442** 806-896 $1,240.25 $1,116.23 51.8 lb. $1,054.22 23.54 kg. $992.20	**424130** NEW 806-896 $718.50 $646.64 18.9 lb. $610.71 8.59 kg. $574.79

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800-960 MHz Log Periodic/ Directional [342-46]

Manufacturer Table	Decibel Products DB564	Andrew Corporation CTS08G-09015-0DM	Antel International RWA80015NE	Antel International BCR-80015
Type	Directional	Single Polarized Sector Antenna	Panel	Directional
Product Narrative	120 degree sector. 14 dB directional gain. Extremely rugged. New AEROGLAS construction assures maximum mechanical strength.	High Performance Cellular sector antenna sets many standards with durabiltiy and being reliable. 100% VSWR testing with excellent pattern performance.	Aluminum alloy sector panel antenna with fiberglass radome. Features length of antenna four channel extrusion, brass feedlines, non-collinear air insulated system for all radiating elements.	Omni aluminum alloy antenna wit reflector and fiberglass radome. Features length of antenna four channel extrusion, brass feedlines non-collinear air insulated system for all radiating elements.
General Freq. (MHz)	806-952	824-960	806-960	806-900
Bandwidth @ Rated VSWR (MHz)	25 MHz	136	154	94
Gain (dBd)	14	14.3	15	15
Gain (dBi)	16.15	16.5	17.1	17.1
Maximum Power Inupt (Watts)	500	500	500	500
H. Beamwidth	120 Deg.		102	120
Vert. Beamwidth	6 Deg.		7	7
Downtilt (deg)	None	0 deg	N/A	1.25
Front to Back Ratio (dB)	20	25db	27.4 (avg +/- 30 deg)	29 (avg +/- 30 deg)
VSWR	1.5:1		<=1.4:1	<=1.5:1
Polarization	Vertical	Vertical	Vertical	Vertical
Intermodulation	N/A	N/A		
Null Fill	N/A	N/A	5%	5%
Sidelobe Suppression (dB)	N/A	N/A	11	11
Lightning Prot.	DC Ground	DC Ground	Direct Ground	Direct Ground
Size (HxWxD")	13.4' x 16"	100 x 16 x 11	97 x 12 x 7	136 x 14 x 7
Weight	53	20 lbs	31	42
Rated Wind Velocity (RWV)	100	226		150
Wind Load, (sq ft)	4.1		7.87 sq ft	5.4
Lateral Thrust @ RWV (lbs)	165	226 (lbf)		
Bending Moment @ RWV (ft lbs)	N/A	N/A		
Connector (direct)	N Female	7/16 DIN Female	N Female	N Female
Jumper Included	None	None	None	None
Connector Placement	Bottom	Bottom	Bottom	Bottom
Incl. Hardware Fits	For 1.25-3.5" pipe	1.5"-4.5" Pipe		
Opt. Downtilt Bracket	ASP-988/989	Included 600899A-2	DT80015(71387)	36411001 (87209)
Warranty	1 Year	3 Years	5 Years	5 Years
TESSCO Part No.	**19875** 824-849 MHz	**438148** 824-960	**26914** 806-960	**43108** 806-900
List Price: T-1 Price:	**20704** 869-894 MHz	$2,095.00 $1,780.75	$1,445.00 $1,445.00	$1,510.00 $1,510.00
Ship lb.: T-2 Price:	$2,090.00 $1,577.95	22 lb. $1,728.38	31 lb. $1,372.75	70 lb. $1,434.50
Ship kg.: T-3 Price:	104 lb. $1,546.60	10.00 kg. $1,707.43	14.09 kg. $1,329.40	31.82 kg. $1,389.20
	47.27 kg. $1,515.25			

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Allgon Telecom 7131.16.33.00	RFS Celwave APL866516-12TO	Antel International LPD-7907/8	Antel International LPD-4016	Decibel Products DB567K
Log Periodic	Panel Log Periodic	Log Periodic	Log Periodic	Directional
40 Degree log periodic sector antenna. Ideally suited for rough conditions and extreme weather conditions. Robust mechanical design is so precise that no tuning or adjustments are required.	Maximizer log periodic antenna. High front to back ratio. Monolithic design with no rivets, cables, or soldered joints. Includes downtilt bracket.	Log periodic antenna with fiberglass radome. True log-periodic design, superior front-to-side performance minimizing sector overlap; brass dipoles and feedlines; non-collinear air insulated system for all radiating elements.	Log periodic antenna with fiberglass radome. True log-periodic design, superior front-to-side performance minimizing sector overlap; brass dipoles and feedlines; non-collinear air insulated system for all radiating elements.	60 degree sector. 17 dB directional gain. New AEROGLAS construction assures maximum mechanical strength.
806-896 90 16 18 500	806-894 88 16 18.14 500	806-960 154 16 18.1 500	806-960 154 16 18.1 500	806-952 25 17 19.15 500
40 Deg. 15 Deg. None 10 dB <1.5:1	65 8 0 45 1.5:1	80 7 1.25 37.8 (avg +/- 30 deg) <=1.25:1	40 14 1.25 37.5 (avg +/- 30 deg) <=1.25:1	60 Deg. 6 Deg. None 25 dB 1.5:1
Vertical 146 dBc N/A 17dB	Vertical <-100 >-16 > 20	Vertical 5% 13	Vertical 5% 14	Vertical N/A N/A N/A
DC Ground 2" x 23.2" x 13.8" 3.2	Direct Ground 93" x 9" x 8" 34.8 Lbs.	Direct Ground 95 x 5 x 15 55	Direct Ground 47 x 21 x 14 34	DC Ground 13.4' x 18" 80
56 .5 No Spec No Spec	112 7.9 396 Not Specified	150 9.71	200 1.78	100 7 240 N/A
7/16 DIN Female None Side 7'-5" diameter pole 254.10 1 Year	N Female None Back 5 Years	N Female None Back 36114002 5 Years	N Female None Back 36114002 5 Years	N Female None Bottom For 3" pipe ASP-988/989 1 Year
8461 806-896 970.20 $873.18 5.2 lb. $824.67 0.54 kg. $776.16	**24012** NEW 806-894MHz $2,149.00 $1,637.54 36 lb. $1,611.75 16.36 kg. $1,579.52	**79799** 806-960 MHz $2,011.00 $2,011.00 70 lb. $1,910.45 31.82 kg. $1,850.12	**79686** 806-960 MHz $1,100.00 $1,100.00 34 lb. $1,045.00 15.45 kg. $1,012.00	**71062** 824-849 MHz $2,450.00 $1,849.75 148 lb. $1,813.00 67.27 kg. $1,776.25

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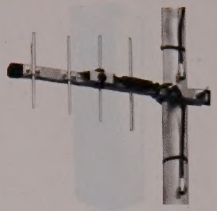
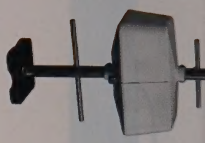
800-960 MHz Log Periodic/ Directional [342-46]

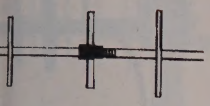
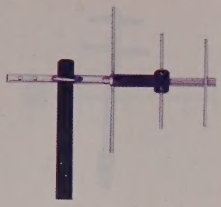
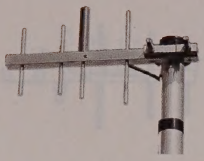
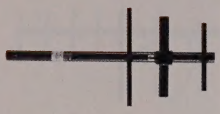
	Manufacturer Table	Antel International RWA80017
Type		Directional Panel
Product Narrative		Sector panel aluminum alloy antenna with fiberglass radome. Features length of antenna four channel extrusion, brass feedlines, non-collinear air insulated system for all radiating elements.
General Freq. (MHz)		806-960
Bandwidth @ Rated VSWR (MHz)		160
Gain (dBd)		17
Gain (dBi)		19.1
Maximum Power Inupt (Watts)		500
H. Beamwidth		62
Vert. Beamwidth		7
Downtilt (deg)		See Below
Front to Back Ratio (dB)		27.3
VSWR		1.4:1
Polarization		Vertical
Intermodulation		
Null Fill		5%
Sidelobe Suppression (dB)		
Lightning Prot.		Direct Ground
Size (HxWxD")		97 x 12 x 7
Weight		31
Rated Wind Velocity (RWV)		
Wind Load, (sq ft)		7.8 sq ft
Lateral Thrust @ RWV (lbs)		
Bending Moment @ RWV (ft lbs)		
Connector (direct)		See Below
Jumper Included		None
Connector Placement		Bottom
Incl. Hardware Fits		
Opt. Downtilt Bracket		DT8015 (71387)
Warranty		1 Year
TESSCO Part No.		**437156** NEW 7/16 DIN Female, 3 DT
List Price:	T-1 Price:	$971.85 / $971.83
Ship lb.:	T-2 Price:	36 lb. / $923.24
Ship kg.:	T-3 Price:	16.36 kg. / $894.09
		65248 7/16 DIN Female, 0 DT
		$1,467.00 / $1,467.00
		31 lb. / $1,393.65
		14.09 kg. / $1,349.64
		65307 Elongated N Female, 0 DT
		$1,445.00 / $1,445.00
		135 lb. / $1,372.75
		61.36 kg. / $1,329.40

806-896 MHz Yagi/Corner Reflector [342-47]

	Manufacturer Table	Astron Wireless Tech. 890-4	RFS Celwave 10212-1
			
Type		4-Element Yagi	Enclosed Feed Yagi
Product Narrative		4 element yagi. 5 dB gain. Wide bandwidth. "Ever Sealed" feed is impervious to moisture, ice & harsh environments.	5.5 dB gain yagi is designed for co trol station use. Director and reflector are welded to the boom The radiator is radome enclosed protect from ice.
General Freq. (MHz)		806-960	806-896
Bandwidth @ Rated VSWR (MHz)		154	90
Gain (dBd)		5	5.5
Gain (dBi)		7.15	7.65
Maximum Power Input (Watts)		50	150
H. Beamwidth		99 Deg.	105 Deg.
Vert. Beamwidth		64 Deg.	66 Deg.
Front to Back Ratio (dB)		12 dB	20
VSWR @ 50 ohms		1.5:1	1.5:1
Polarization		Vertical or Horiz.	Vertical
Lightning Prot.		DC Ground	DC Ground
Size (HxWxD")		1.30'	14" x 8" x 4"
Weight		1	3 Lbs.
Rated Wind Velocity (RWV)		150	150
Wind Load, (sq ft)		0.125	0.18
Lateral Thrust @ RWV (lbs)		N/A	16.2
Bending Moment @ RWV (ft lbs)		N/A	6.6
Connector (direct)		None	N Female
Jumper Included		1' RG58 w /N Female	None
Connector Placement		Jumper	Center
Mount Hdw. Incl.		V-bolts	U-bolts
Incl. Hardware Fits		For 1.25-2" pipe	N/A
Warranty		2 Years	5 Years
TESSCO Part No.		**87889** 806-960 MHz	**83290** 806-896 MHz
List Price:	T-1 Price:	$79.00 / $71.10	$195.00 / $148.59
Ship lb.:	T-2 Price:	2 lb. / $67.15	6 lb. / $146.25
Ship kg.:	T-3 Price:	0.91 kg. / $64.78	2.73 kg. / $143.33

NEW = New Listing. Pricing for reference onl See TESSCO.com for latest pricing and produc Copyright 2003 all rights reserved.

Cellular and PCS

Antenex 8063	Comtelco D5049	Cushcraft/Signals PC804N	Radiall/Larsen YA-6800	Maxrad, Inc MYA8063 Series
				
-Element Yagi	3-Element Yagi	4-Element Yagi	3-Element Yagi	3-Element Yagi
element yagi. 6dB directional gain. olid aluminum elements, fully ssembled. Stainless steel hard-are.	3 element yagi. 6 dB directional gain. All exposed elements are coated with ultraviolet resistant polyester giving superior weather protection.	4 element, 6 dB gain yagi. 1 piece construction,elements welded to boom. Feed system is enclosed in potted PVC radome to insure weatherability.	3 element yagi. 6 dB directional gain. Black finish.	3 element yagi. 6 dB directional gain. Solid elements mounted through boom for long life. Available in black finish.
06-896 4 15 00	806-896 90 6 8.15 100	806-896 90 6 8.15 200	806-896 90 6 8.15 300	806-970 35 6 8.15 150
Deg. Deg. dB 5:1	N/A N/A 16 dB 1.5:1	90 Deg. 70 Deg. 15 dB 1.5:1	50 Deg. 45 Deg. N/A 1.5:1	72 Deg. 57 Deg. 15 dB 1.5:1
ertical C Ground -3/4" 5	Vertical DC Ground 1.25' 1.5	Vert./Horiz. DC Ground 13" 7i	Vertical DC Ground 17" 1	Vert./Horiz. DC Ground 1.42' 1.5
5 0 5 5	100 N/A N/A N/A	125 0.11 N/A N/A	100 N/A N/A N/A	125 0.1 6.5 4.6
Female one enter Bolt to 1-5/8" pipe Years	TNC Female 17' RG58 w/TNC-Male Back U-Bolt Up to 1-5/8" pipe 1 Year	None 8" w/ N Female Jumper U-bolts Up to 2-1/8" pipe 1 Year	N Female None Center U-Bolt Up to 2" pipe 3 Years	N Female None Center MYK-1 Mount Up to 1-5/8" pipe 2 Years
2811 806-896 33.95 $77.16 0. $64.17 1 kg. $60.01	**95509** 806-896 $63.50 $40.84 1 lb. $29.91 0.45 kg. $29.34	**83861** 806-896 $38.15 $27.47 2 lb. $26.71 0.91 kg. $25.95	**14620** 806-896 MHz $90.00 $58.50 2 lb. $54.00 0.91 kg. $49.50	**50858** 806-831 $68.40 $34.18 2 lb. $32.82 0.91 kg. $31.45 **31924** 818-852 MHz $68.40 $34.87 2 lb. $33.50 0.91 kg. $32.13 **31535** 841-875 MHz $68.40 $34.18 2 lb. $32.82 0.91 kg. $31.45 **69928** 863-897 $68.40 $34.87 2 lb. $33.50 0.91 kg. $32.13

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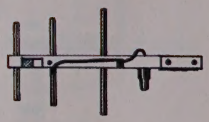
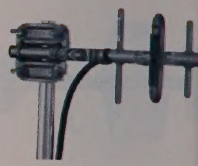
Cellular and PCS

806-896 MHz Yagi/Corner Reflector [342-47]

Manufacturer Table	Maxrad, Inc BMYA8063 Series	Decibel Products DB493-A	Antenex YS8063	Antenex YNT8063
				
Type	3-Element Yagi	3-Element Yagi	3-Element Yagi	3 Element Yagi
Product Narrative	3 element yagi. 6 dB directional gain. Solid elements mounted through boom for long life. Black finish.	3 element yagi. 6 dB directional gain. Light duty.	Three element yagi, 6 dB gain directional antenna. Silver series with element mounting holes threaded for positive RF connection.	6.5 dB gain 3 element No-Tune SCADA yagi antenna.Gold anod ized. 100% welded. Sealed folde dipole driven element. Heavy du cast aluminum mounting bracke
General Freq. (MHz)	806-970	806-869	806-896	806-896
Bandwidth @ Rated VSWR (MHz)	35	63	90 MHz	90 MHz
Gain (dBd)	6	6	6	6.5
Gain (dBi)	8.15	8.15	8.15	8.5 dB
Maximum Power Input (Watts)	150	100	300	200
H. Beamwidth	72 Deg.	N/A	72 Deg.	83 Deg.
Vert. Beamwidth	57 Deg.	N/A	57 Deg.	59 Deg.
Front to Back Ratio (dB)	15 dB	N/A	15 dB	15 dB
VSWR @ 50 ohms	1.5:1	1.5:1	1.5:1	1.5:1
Polarization	Vert./Horiz.	Vertical	Vertical	Vertical
Lightning Prot.	DC Ground	DC Ground	DC Ground	DC Ground
Size (HxWxD")	1.42'	7.5" x 13"	16.75" long	14" x 6.4"
Weight	1.5	1	3 lbs.	1.3
Rated Wind Velocity (RWV)	125	100	100 mph	150 MPH
Wind Load, (sq ft)	0.1	N/A	N/A	N/A
Lateral Thrust @ RWV (lbs)	6.5	N/A	N/A	N/A
Bending Moment @ RWV (ft lbs)	4.6	N/A	N/A	N/A
Connector (direct)	N Female	N Female	N Female	None
Jumper Included	None	None	None	2' RG213/N Female
Connector Placement	Center	Bottom	Bottom	Jumper
Mount Hdw. Incl.	MYK-1 Mount	U-bolts	U-bolts	Brackets
Incl. Hardware Fits	Up to 1-5/8" pipe	For up to 3" pipe	2" pipe	
Warranty	2 Years	1 Year	2 Years	2 Years
TESSCO Part No.	**96745** 806-831	**79081** 806-866	**57360** 806-896	**12301** 806-896
List Price: T-1 Price:	**42837** 824-896	$98.00 $73.99	$73.50 $42.34	$200.00 $115.20
Ship lb.: T-2 Price:	$81.95 $41.79	1.4 lb. $72.52	1.7 lb. $35.21	2 lb. $95.80
Ship kg.: T-3 Price:	2 lb. $40.15	0.64 kg. $71.05	0.77 kg. $32.93	0.91 kg. $89.60
	0.91 kg. $38.51			

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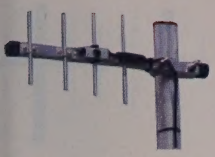
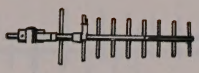
Antennas, Cellular & PCS

Astron Wireless Tech. 835-4	RFS Celwave AY8807	Antenna Specialists ASP962	Antenna Specialists ASP998	Decibel Products DB492-A
				
4-Element Yagi	6 Element Yagi	9-Element Yagi	6-Element Yagi	6-Element Yagi
4 element yagi. 7 dB gain. No tuning required. "Ever Sealed" feed is impervious to moisture, ice & harsh environments.	6 element yagi, 7 dB directional gain. The radiating element is protected by a molded ABS radome against severe weather conditions. Sold as 10 pack only.	9 element yagi antenna. Irradiated boom and elements for long life.	Fixed station 6 element yagi antenna. Lightweight and broadbanded for tuning free installation. Black DURA-COAT aluminum elements. Encapsulated, water resistant feed assembly provides protection from weather.	6 element yagi. 8 dB directional gain. Lightweight.
806-896 50 MHz min. / 9.15 50	806-960 154 7 9.1 10	806-960 90 8 10.15 150	806-960 88 8 10.15 125	806-869 63 8 10.15 100
31 Deg. 59 Deg. 2 dB .5:1	60 Deg. 45 Deg. 15 1.5:1	52 Deg. 43 Deg. 15 dB 1.5:1	53-68 Deg 42-51 Deg. 11 1.5:1	N/A N/A N/A 1.5:1
Vertical or Horiz. DC Ground .25'	Vertical Antenna grounded to mast 2.4" x 24.8" x 7.9" 1.3	Vertical DC Ground 28" x 8.3" x 2.5" 1.3	Vertical DC Ground 23.2" x 8" x 1.5" 1.2	Vertical DC Ground 7.5" x 25.5" 3.5
50 .125 N/A N/A	95 .18 4 1.5	100 0.159 6.36 6.32	120 0.159 6.36 6.32	100 N/A N/A N/A
None ' RG58 w /N Female umper -bolts or 1.25-2" pipe Years	See Below Yes Fits 0.9"-2.4" mast 5 Years	N Female None Center U-Bolt For 1" pipe 1 Year	N Female None Center U-Bolt For 1" pipe 1 Year	N Female None Bottom U-bolts For up to 1-1/2" pipe 1 Year
33556 806-866 **53049** 824-896 79.00 $71.10 lb. $67.15 91 kg. $64.78	**66890** N Female $598.00 $538.20 13 lb. $508.30 5.91 kg. $490.36 **66895** Direct Screw $398.00 $358.20 13 lb. $338.30 5.91 kg. $326.36	**69237** 806-896 $129.00 $97.40 1 lb. $95.46 0.45 kg. $93.53	**75140** 806-894 $98.50 $74.37 1.98 lb. $72.89 0.90 kg. $71.42	**92295** 806-870 $115.00 $86.83 6 lb. $85.10 2.73 kg. $83.38

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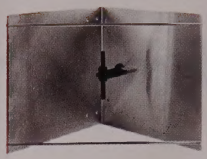
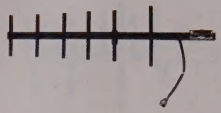
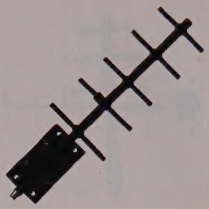
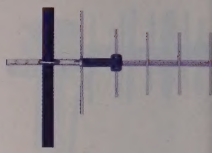
806-896 MHz Yagi/Corner Reflector [342-47]

Manufacturer Table	Maxrad, Inc MCR806	Antenex Y8066	Maxrad, Inc BMOY 800/900 MHz	Comtelco D5050
				
Type	Corner Reflector	6-Element Yagi	5-Element Yagi	5-Element Yagi
Product Narrative	Single corner reflector. 8.5 dB gain with a 23 dB front to back ratio. No tuning required.	6 element yagi. 9 dB directional gain. Solid aluminum elements, fully assembled. Stainless steel hardware.	5 element 9 dB gain yagi. No tuning required. Seamless aluminum construction, 360 deg. welds, and a powder coated finish give superior durability. Mnt. hrdw incl.	5 element yagi. 9 dB directional gain. All exposed elements are coated with ultraviolet resistant polyester giving superior weather protection.
General Freq. (MHz)	806-970	806-896	806-960	806-896
Bandwidth @ Rated VSWR (MHz)	90	74	60	90
Gain (dBd)	8.5	9	9	9
Gain (dBi)	10.65	11.15	9	11.15
Maximum Power Input (Watts)	100	300	150	100
H. Beamwidth	45 Deg.	42 Deg.	52 deg	N/A
Vert. Beamwidth	56 Deg.	40 Deg.	45 deg	N/A
Front to Back Ratio (dB)	23 dB	16 dB	15 dB	16 dB
VSWR @ 50 ohms	1.5:1	1.5:1	1.5:1	1.5:1
Polarization	Vertical	Vertical	Vert./Horiz.	Vertical
Lightning Prot.	DC Ground	DC Ground	DC Ground	DC Ground
Size (HxWxD")	14"	27-3/4"	Boom Length 20-1/2 "	1.83'
Weight	3.8	2	0.9 lbs	1.5
Rated Wind Velocity (RWV)	100	125	100	100
Wind Load, (sq ft)	1.92	.17	N/A	N/A
Lateral Thrust @ RWV (lbs)	71	10.7	12.6 lbs	N/A
Bending Moment @ RWV (ft lbs)	41.4	12.5	9.5 ft-lbs	N/A
Connector (direct)	None	N Female	N Female	TNC Female
Jumper Included	3' w/ N-Male	None	None	17' RG58 w/TNC-Male
Connector Placement	Jumper	Center	Back	Back
Mount Hdw. Incl.	U-bolts	U-Bolt	MYK17	U-bolts
Incl. Hardware Fits	Up to 1-1/4" pipe	Up to 1-5/8" pipe	Up to 1-5/8" pipe	Up to 1-5/8" pipe
Warranty	2 Years	2 Years	2 Years	1 Year
TESSCO Part No.	**45464** 806-896 MHz	**79518** 806-896	**51359** 806-866 MHz	**43902** 806-896
			35647 824-896 MHz	
List Price: T-1 Price:	$149.95 $76.47	$160.75 $92.58	$155.00 $77.50	$73.50 $47.27
Ship lb.: T-2 Price:	5 lb. $73.48	2.16 lb. $76.99	1 lb. $74.40	1 lb. $34.62
Ship kg.: T-3 Price:	2.27 kg. $70.48	0.98 kg. $72.01	0.45 kg. $71.30	0.45 kg. $33.96

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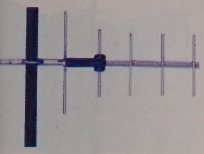
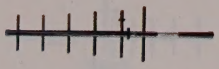
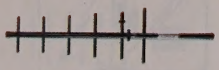
omtelco 2285B-06	Cushcraft/Signals PC806N series	Maxrad, Inc MYA8066 Series	Maxrad, Inc BMYA8066 Series	Astron Wireless Tech. 860-6/835-6
				
Element Yagi	6-Element Yagi	6-Element Yagi	6-Element Yagi	6-Element Yagi
element yagi. 9 dB directional in. All exposed elements are ated with ultraviolet resistant olyester giving superior weather otection.	6 element yagi. 9 dB directional gain. 1 piece construction,elements welded to boom. Feed system enclosed. Mounts with one or two u-bolts thru boom.	6 element yagi. 9 dB directional gain. Solid elements mounted through boom for long life. Available with black finish.	6 element yagi. 9 dB directional gain. Solid elements mounted through boom for long life. Black finish.	6 element yagi. 9 dB gain. No tuning required. "Ever Sealed" feed is impervious to moisture, ice & harsh environments.
6-896 .15 0	806-866 60 9 11.15 200	806-970 90 9 11.15 150	806-970 90 9 11.15 150	806-896 60 9 11.15 50
A A dB :1	55 65 18 dB 1.5:1	42 Deg. 40 Deg. 16 dB 1.5:1	42 Deg. 40 Deg. 16 dB 1.5:1	59 Deg. 49 Deg. 16 dB 1.5:1
rtical C Ground 3'	Vert./Horiz. DC Ground 24.75" 1.68	Vert./Horiz. DC Ground 2.33' 2	Vert./Horiz. DC Ground 2.33' 2	Vertical or Horiz. DC Ground 2.00' 1
0 A A A	125 0.26 N/A N/A	125 .17 10.7 12.5	125 .17 10.7 12.5	100 0.150 N/A N/A
IC Female w/ Mini UHF-Male ck olts to 1-5/8" pipe Year	None 8" w/ N Female Jumper U-bolt(s) see below Up to 2-1/8" pipe 1 Year	N Female None Center MYK-1 Mount Up to 1-5/8" pipe 2 Years	N Female None Center MYK-1 Mount Up to 1-5/8" pipe 2 Years	None 1' RG58 w /N Female Jumper V-Bolt For 1.25-2" pipe 2 Years
176 806-896 3.50 $47.27 lb. $34.62 7 kg. $33.96	**33252** w/ 2 U-bolts $77.00 $55.44 2.25 lb. $53.90 1.02 kg. $52.36 **42199** w /1 U-bolt $46.50 $33.47 2 lb. $32.54 0.91 kg. $31.61	**89251** 806-866 $90.85 $45.43 4 lb. $43.61 1.82 kg. $41.80 **70317** 824-896 $90.85 $46.34 4 lb. $44.52 1.82 kg. $42.70	**45138** 806-866 MHz **94444** 824-896 MHz $107.75 $54.95 4 lb. $52.79 1.82 kg. $50.64	**11442** 806-866 MHz $89.00 $80.10 2.5 lb. $75.65 1.14 kg. $72.98

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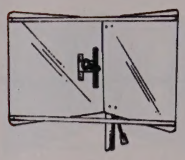
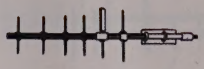
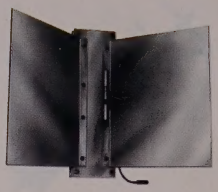
806-896 MHz Yagi/Corner Reflector [342-47]

Manufacturer Table	Antenna Specialists ASP960	Decibel Products DB498	RFS Celwave 1124-1	Radiall/Larsen YA5800
				
Type	Corner Reflector	6-Element Yagi	Corner Reflector	7-Element Yagi
Product Narrative	Single corner reflector. 9 dB directional gain. Gold irradiated aluminum construction.	6 element yagi. 10 dB directional gain. Gold anodized elements and radome enclosed radiator for long life.	Single corner reflector. Broad frequency response. Ideal for use in control station to repeater link applications.	7 Element Yagi, 9 dBd directional gain. Black finish.
General Freq. (MHz)	806-896	806-960	806-960	806-960
Bandwidth @ Rated VSWR (MHz)	70	60	90	90
Gain (dBd)	9	9	9	9
Gain (dBi)	11.15	11.15	11.15	11.2
Maximum Power Input (Watts)	100	100	100	300
H. Beamwidth	45 Deg.	N/A	46 Deg.	45 Deg.
Vert. Beamwidth	56 Deg.	N/A	54 Deg.	55 Deg.
Front to Back Ratio (dB)	23 dB	N/A	25 dB	N/A
VSWR @ 50 ohms	1.5:1	1.5:1	1.5:1	1.5:1
Polarization	Vertical	Vert./Horiz.	Vertical	Vertical
Lightning Prot.	DC Ground	DC Ground	DC Ground	DC Ground
Size (HxWxD")	15" x 14.5" x 8.5"	25.5" x 7.5"	19" x 15" x 11"	2.75'
Weight	4.4	5	11 Lbs.	1.3
Rated Wind Velocity (RWV)	100	100	100	100
Wind Load, (sq ft)	1.92	N/A	2.63	N/A
Lateral Thrust @ RWV (lbs)	77	N/A	105	N/A
Bending Moment @ RWV (ft lbs)	35	N/A	29	N/A
Connector (direct)	None	N Female	N Female	N Female
Jumper Included	3' RG213 w/ N Male	None	18" RG214/U w/ N Male	None
Connector Placement	Jumper	Bottom	Back	Center
Mount Hdw. Incl.	Clamp Set	U-bolts	1253 Clamps	U-bolts
Incl. Hardware Fits	For 1.25" pipe	For up to 3" pipe	1.3 to 2.4" pipe	Up to 1.5" pipe
Warranty	1 Year	1 Year	5 Years	3 Years
TESSCO Part No.	**30844** 806-896	**77832** 806-866	**28249** 806-896 MHz	**79441** 806-896
List Price: T-1 Price:	$199.00 $150.25	$255.00 $192.53	$470.00 $358.14	$123.35 $80.17
Ship lb.: T-2 Price:	6 lb. $147.26	8 lb. $188.70	17 lb. $352.50	4 lb. $74.00
Ship kg.: T-3 Price:	2.73 kg. $144.28	3.64 kg. $184.88	7.73 kg. $345.45	1.82 kg. $67.84
		26225 824-896 MHz		
		$255.00 $192.53		
		10 lb. $188.70		
		4.54 kg. $184.88		

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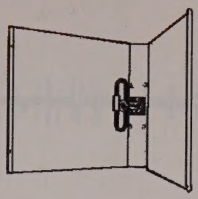
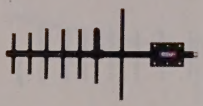
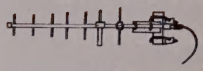
ecibel Products 3495	Sinclair SRL-402	RFS Celwave 10108-1	Telewave, Inc. ANT800Y10-WR Series	Decibel Products DB499
				
rner Reflector	Corner Reflector	Enclosed Radiator Yagi	7-Element Yagi	7-Element Yagi
gle corner reflector. 9 dB direc-nal gain. High, 25 dB front-to-k ratio reduces interference.	Rugged, broadband corner reflector is an excellent antenna for multicoupling several systems or for use with widely spaced duplex frequencies.	9 element yagi. Director element enclosed in radome for protection from the environment. Also available a two stack version.	7 element yagi. 10 dB directional gain. Heavy duty welded elements with Txylan protective coating. Clamps fit 1.5- 2.5" mast.	7 element. Permits vertical or horizontal polarization. Radome covering director element reduces ice build up.
-960 15)	800-960 100 10 12.15 100	806-960 80 10 12.15 150	806-896 90 10 12.2 100	806-960 60 10 12.15 100
Deg. Deg. dB 1	30 Deg. 52 Deg. 30 dB 1.5:1	50 Deg. 42 Deg. 20 dB 1.5:1	47 Deg. 49 Deg. 20 dB 1.5:1	60 Deg. 30 Deg. 20 dB 1.5:1
tical Ground x 18" x 14"	Vertical DC Ground 24" x 48" 23	Vertical DC Ground 35" x 8" x 4" 5	Vertical or Horiz. DC Ground 11"H x 24"L 3	Vert./Horiz. DC Ground 6" x 30" 5
5 \	100 3.48 202 135	150 0.18 7.2 9.3 ft/lbs	200 0.25 7.25 30	150 0.25 10 N/A
ne per w/ N Male per 1653 up to 3" pipe ear	None Pigtail w/ N-Male Pigtail Clamp Set For 0.9-2.9" pipe 2 Years	N Female None Center U-bolts 1.75&2.75" up to 2 3/4" 5 Years	N Female None Clamp Set For 1.5-2.5" pipe 1 Year	N Female None Back V-bolts For up to 3" pipe 1 Year
260 806-896 0.00 $369.95 b. $362.60 kg. $355.25	**17541** 800-900 $624.00 $517.92 30 lb. $492.96 13.64 kg. $474.24	**77883** 806-896 MHz $252.00 $192.03 5.3 lb. $189.00 2.41 kg. $185.22	**49672** 806-896 $214.00 $165.85 8 lb. $162.64 3.64 kg. $159.43	**13011** 806-866 MHz $295.00 $222.73 18 lb. $218.30 8.18 kg. $213.88 **51404** 824-896 MHz $295.00 $222.73 8 lb. $218.30 3.64 kg. $213.88

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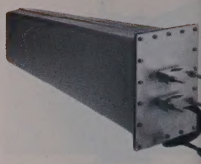
806-896 MHz Yagi/Corner Reflector [342-47]

Manufacturer Table	Sinclair SRL406NMBK	Sinclair SRL-406	Decibel Products ASPDR-810	Maxrad, Inc MYG9309FE-NF
				
Type	6-Element Black Yagi	6-Element Yagi	7-Element Yagi	9-Element Yagi
Product Narrative	Broadband , 6 element yagi has been designed for high performance, versatility and ease of installation. All elements are at DC ground potential.	Broadband , 6 element yagi has been designed for high performance, versatility and ease of installation. All elements are at DC ground potential.	7 element, 10 dB directional yagi. Radome enclosed director element prevents ice build-up from detuning antenna.	Radome protected yagi antenna with welded elements protects from snow, ice and other advers environmental conditions.
General Freq. (MHz)	806-960	806-960	824-896	896-970
Bandwidth @ Rated VSWR (MHz)	36	36	72	74
Gain (dBd)	10	10	10	10
Gain (dBi)	12.15	12.15	12.1	12.15
Maximum Power Input (Watts)	125	125	150	150
H. Beamwidth	46 Deg.	46 Deg.	60 Deg.	52 Deg.
Vert. Beamwidth	41 Deg.	41 Deg.	30 Deg.	43 Deg.
Front to Back Ratio (dB)	20 dB	20 dB	20 dB	20 dB
VSWR @ 50 ohms	1.5:1	1.5:1	1.5:1	1.5:1
Polarization	Vert./Horiz.	Vert./Horiz.	Vertical	Vert./Horiz.
Lightning Prot.	DC Ground	DC Ground	DC Ground	DC Ground
Size (HxWxD")	24" x 6.4"	24" x 6.4"	6" x 28.75"	31" x 9"
Weight	1.5	1.5	1.7	13
Rated Wind Velocity (RWV)	150	150	100	100
Wind Load, (sq ft)	0.14	0.14	0.26	1.8
Lateral Thrust @ RWV (lbs)	29	29	10.4 Lbs.	102.6
Bending Moment @ RWV (ft lbs)	13	13	N/A	140
Connector (direct)	None	None	N Female	None
Jumper Included	Pigtail w/ N-Male	Pigtail w/ N-Male	None	N Female
Connector Placement	Jumper	Jumper	Back	Jumper
Mount Hdw. Incl.	Clamp Set	Clamp Set	V-bolts	MYK-1 Mount
Incl. Hardware Fits	For 1.5-2.4" pipe	For 1.5-2.4" pipe	For up to 3" pipe	Up to 1-5/8" pipe
Warranty	2 Years	2 Years	1 Year	2 Years
TESSCO Part No.	**455394** NEW 806-870	**33253** 806-870	**54337** 824-896 MHz	**56335** 896-970
List Price: T-1 Price:	**435366** NEW 824-896	**20039** 824-894	$175.00 $132.13	**443127** NEW 878-520
Ship lb.: T-2 Price:	**440327** NEW 895-966	$240.00 $199.20	2.03 lb. $129.50	$422.40 $211.20
Ship kg.: T-3 Price:	$250.00 $207.50	5 lb. $189.60	0.92 kg. $126.88	18 lb. $202.75
	5 lb. $197.50	2.27 kg. $182.40		8.18 kg. $194.30
	2.27 kg. $190.00			

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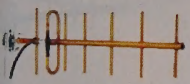
ntenex NT8067	Comtelco Y2287A	Antenex Y80612	Cushcraft/Signals PC8010N Series	Maxrad, Inc MYA80612 Series
				
Element Yagi	7-Element Yagi	12-Element Yagi	10-Element Yagi	12-Element Yagi
.2 dB gain 7 element No-Tune CADA yagi antenna. Gold anod-ed. 100% welded. Sealed folded pole driven element. Heavy duty st aluminum mounting bracket.	7 element yagi. 10.2 dB directional gain. All exposed elements are coated with ultraviolet resistant polyester giving superior weather protection.	12 element yagi. 11dB directional gain. Solid aluminum elements, fully assembled. Stainless steel hard-ware.	10 element, 11 dB gain yagi. 1 piece construction,elements welded to boom. Feed system is enclosed in potted PVC radome to insure weatherability.	12 element yagi. 11 dB directional gain. Solid elements mounted through boom for long life. Also available with durable black finish.
6-896 MHz .2 .2 dB 0	806-896 90 10.2 12.35 150	806-896 74 11 13.15 300	806-980 60 11 13.15 200	806-960 75 11 13.15 150
Deg. Deg. dB :1	N/A N/A 16dB 1.5:1	36 Deg. 34 Deg. 20 dB 1.5:1	46 Deg. 40 Deg. 20 dB 1.5:1	36 Deg. 34 Deg. 20 dB 1.5:1
rtical C Ground " x 6.4" 5	Vertical DC Ground 2.16' 1.5	Vertical DC Ground 49" 2	Vert./Horiz. DC Ground 46" 1.7	Vert./Horiz. DC Ground 4' 7
0 MPH A A A	100 N/A N/A N/A	125 0.29 17.8 35.6	125 0.29 N/A N/A	125 .29 17.8 35.6
ne RG213/N Female nper ears	None 12" Teflon/N Female Back U-bolts Up to 1-5/8" pipe 1 Year	N Female None Center U-Bolt Up to 1-5/8" pipe 2 Years	None 8" w/ N Female Jumper U-bolts Up to 2-1/8" pipe 1 Year	N Female None Center MYK-1 Mount Up to 1-5/8" pipe 2 Years
087 806-896 20.00 $184.32 . $153.28 2 kg. $143.36	**78656** 806-896 $84.25 $54.18 1 lb. $39.69 0.45 kg. $38.93	**92426** 806-896 MHz $214.35 $123.45 4 lb. $102.66 1.82 kg. $96.02	**45468** 806-866 **32254** 824-894 $112.00 $80.64 3 lb. $78.40 1.36 kg. $76.16	**19959** 806-866 MHz **83531** 824-896 $144.20 $73.55 6 lb. $70.66 2.73 kg. $67.78

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806-896 MHz Yagi/Corner Reflector [342-47]

Manufacturer Table	Maxrad, Inc BMYA80612 Series	Cellular Specialties CSI-AY/806-960/11	Cellular Specialties CSI-AY/806-960/14	Astron Wireless Tech. 835-10
Type	12-Element Yagi	8-Element Yagi	14-Element Yagi	10-Element Yagi
Product Narrative	12 element yagi. 11 dB directional gain. Solid elements mounted through boom for long life. Black finish.	11 dB aluminum finish yagi. 8 element. Mounting clamps included.	12 dB aluminum finish yagi. 14 element. Mounting clamps included.	10 element yagi. 12dB gain. No tun ing required. "Ever Sealed" feed is impervious to moisture, ice & harsh environments.
General Freq. (MHz)	806-960	806-960	806-960	806-896
Bandwidth @ Rated VSWR (MHz)	75	90	90	60 MHz min.
Gain (dBd)	11	9	12	12
Gain (dBi)	13.15	11	14	14.15
Maximum Power Input (Watts)	150	100	100	50
H. Beamwidth	36 Deg.	50 Deg.	50 Deg.	42 Deg.
Vert. Beamwidth	34 Deg.	45 Deg.	45 Deg.	38 Deg.
Front to Back Ratio (dB)	20 dB	> 12	> 12	16 dB
VSWR @ 50 ohms	1.5:1	<1.5:1	<2:1	1.5:1
Polarization	Vert./Horiz.	Vertical	Vertical	Vertical or Horiz.
Lightning Prot.	DC Ground	Direct Ground	Direct Ground	DC Ground
Size (HxWxD")	4'	32.5" x 6.9" x 2"	69" x 8" x 2"	3.68'
Weight	7	1.5 lbs.	1.5 lbs.	2.75
Rated Wind Velocity (RWV)	125	149.8	149.8	100
Wind Load, (sq ft)	.29	0.25	0.25	0.3
Lateral Thrust @ RWV (lbs)	17.8	Not Specified	Not Specified	N/A
Bending Moment @ RWV (ft lbs)	35.6	Not Specified	Not Specified	N/A
Connector (direct)	N Female	N Female	N Female	None
Jumper Included	None	Pigtail	Pigtail	1' RG58 w /N Female
Connector Placement	Center	Back	Back Center	Jumper
Mount Hdw. Incl.	MYK-1 Mount	U-Bolt	U-Bolt	V-bolts
Incl. Hardware Fits	Up to 1-5/8" pipe	Up to 1 7/8" pipe	Up to 1 7/8" OD Pipe	For 1.25-2" pipe
Warranty	2 Years	1 Year	1 Year	2 Years
TESSCO Part No.	**58352** 806-866	**478330** NEW 806-960	**445368** NEW 806-960	**88228** 806-866
List Price: T-1 Price:	**56051** 824-896	$104.00 $79.98	$128.00 $98.44	**36621** 824-896
Ship lb.: T-2 Price:	$180.10 $91.85	4 lb. $74.26	4 lb. $91.40	$109.00 $98.10
Ship kg.: T-3 Price:	6 lb. $88.24	1.82 kg. $69.37	1.82 kg. $85.38	5 lb. $92.65
	2.73 kg. $84.64			2.27 kg. $89.38

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806-896 MHz Dual-Polarized Antennas [342-48]

	tron Wireless Tech. 0-10H Series	RFS Celwave 10108D	Sinclair SRL-460	Antel International BCDHV-87077
Manufacturer	Element Yagi	Dual Stack Yagi	Parabolic Reflector	Dual Polarized Fiberglass Antenna
Product Narrative	element yagi. 12dB gain.No tun- required. "Ever Sealed" feed is ervious to moisture, ice & harsh ironments. Heavy duty con- uction.	2 stack, 9 element yagis. Two radiating elements each radome enclosed. May be horizontally or vertically polarized. Broadband for cellular or trunking.	Broadband parabolic cylinder reflector with a dipole reflector assembly, backfiring primary radiator.	Omni aluminum alloy antenna with fiberglass radome. Features length of antenna four channel extrusion, brass feedlines, non-collinear air insulated system for all radiating elements.
Type				
General Freq. (MHz)	-896	806-960	806-960	870-960
Bandwidth (MHz)	MHz min.	80	84	90
Gain (dBd)		13	15	6.5
Gain (dBi)	15	15.15	17.15	8.6
Maximum Power Input (Watts)		300	75	500
H. Beamwidth	Deg.	22 Deg.	26 Deg.	360 upper/ 15 lower
Vert. Beamwidth	Deg.	42 Deg.	16 Deg.	15 upper/ 360 lower
Downtilt (deg)	dB	20 dB	25 dB	1.25
Polarization	1	1.5:1	1.5:1	Dual
Array 1	t./Horiz.	Vert./Horiz.	Vertical	N/A
Array 2	Ground	DC Ground	DC Ground	N/A
Array 3	3'	35" x 23" x 8"	56" x 23"	N/A
Isolation		13 Lbs.	21	
Front to Back Ratio (dB)				
VSWR		150	100	<=1.5:1
Intermodulation		.38	2.43	
Null Fill		15.2	246	5%
Sidelobe Suppression (dB)		N/A	49	N/A
Lightning Prot.	ne	N Female	None	Direct Ground
Size (HxWxD")	G58 w /N Female	Phasing Harness	Pigtail w/ N-Male	142 x 3 x 3
Weight	per	Center	Jumper	27 Lbs
Rated Wind Velocity (MPH)	olts	U-bolts	Clamp Set	100
Wind Load, (sq ft)	1.25-2" pipe	N/A	For 2.88" pipe	2.5
Lateral Thrust @ RWV (lbs)	ears	5 Years	2 Years	N/A
Bending Moment @ RWV (ft lbs)				N/A
Connector (direct)	834 806-866	64669 806-896 MHz	54685 806-890	Elongated NF
Connector Placement	727 824-896	$690.00 $525.78	$1,088.00 $903.04	Bottom
Jumper Included	9.00 $143.10	16.98 lb. $517.50	45 lb. $859.52	None
Mount Hdw. Incl.	$135.15	7.72 kg. $507.15	20.45 kg. $826.88	None
Incl. Hardware Fits	kg. $130.38			N/A
Opt. Pipe Clamps				36312000
Opt. Downtilt Bracket				N/A
Warranty				5 Years
TESSCO Part No.				70756 870-960
List Price: T-1 Price:				$1,718.00 $1,718.00
Ship lb.: T-2 Price:				30 lb. $1,632.10
Ship kg.: T-3 Price:				13.64 kg. $1,580.56

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806-896 MHz Dual-Polarized Antennas [342-48]

Manufacturer Table	Allgon Telecom 7390.00	Decibel Products DB855DDH90E-SX	Decibel Products DB854HVH110D-SX	Decibel Products DB854DD90E-SX
Type	Dual Slant Polarized	Dual Slant Polarized	Dual Polarized	Dual Slant Polarized
Product Narrative	90 Degree dual polarized antenna with a slant 45 configuration which has equal strengths. Designed to ensure the highest possible diversity gain, isolation and cross polorization discrimination. UV stabilized radome is incapable of moisture absorption.	Diversity Master dual slant polarized antenna. Two 9dB TX antennas cross polarized at +45 & -45 deg. & one 10 dB vertically polarized antenna in one panel.	Diversity Master dual polarized antenna. Two ant.(Tx & Rx1) vertically & one antenna (Rx2) horizontally polarized enclosed in a single panel.	Diversity Master dual slant polarized antenna. Two antennas in a single panel radome.
General Freq. (MHz)	806-896	806-896	806-896	806-896
Bandwidth (MHz)	90	90	90	90
Gain (dBd)	8.5	9/10	10	10.5
Gain (dBi)	10.5	11.1/12.1	12.1	12.65
Maximum Power Input (Watts)	150	500	500	500
H. Beamwidth	90 Deg.	90 Deg.	110 Deg.	90 Deg.
Vert. Beamwidth	29 Deg.	24 Deg.	16 Deg.	18 Deg.
Downtilt (deg)	0	None	None	None
Polarization	Dual	Dual	Dual	Dual
Array 1	+45 Deg.	+45 Deg. Rx1	Horizontal Tx	+45 Deg.
Array 2	-45 Deg.	-45 Deg. Rx2	Vertical Rx1	-45 Deg.
Array 3		Vertical Tx	Vertical Rx2	N/A
Isolation	>30 dB	30/40	30 dB	35 dB
Front to Back Ratio (dB)	>17 dB	25 dB	20 dB	25
VSWR	<1.5:1	1.5:1	1.5:1	1.5:1
Intermodulation	-150 dBc	N/A	N/A	N/A
Null Fill	N/A	N/A	N/A	N/A
Sidelobe Suppression (dB)	N/A	N/A	N/A	N/A
Lightning Prot.	DC Ground	DC Ground	DC Ground	DC Ground
Size (HxWxD")	28.7" x 11" x 4.9"	60" x 12" x 5"	96.5" x 20.5" x 5"	59 x 15 x 10
Weight	8.8	28	41	18
Rated Wind Velocity (MPH)	156	125	125	125
Wind Load, (sq ft)	2.2	5	13.7	4
Lateral Thrust @ RWV (lbs)	No Spec	200 Lbs.	548 Lbs	N/A
Bending Moment @ RWV (ft lbs)	No Spec	N/A	N/A	N/A
Connector (direct)	7/16 DIN Female	7/16 DIN Female	7/16 DIN Female	7/16 DIN Female
Connector Placement	Bottom	Bottom	Bottom	Bottom
Jumper Included	None	None	None	None
Mount Hdw. Incl.	7456.00 tilt bracket	DB380 clamps	DB380-3 clamps	DB380 clamps
Incl. Hardware Fits	1"-5" diameter pole	For up to 3.5" pipe	For up to 3.5" pipe	For up to 3" pipe
Opt. Pipe Clamps	N/A	N/A	N/A	N/A
Opt. Downtilt Bracket	7456.00	DB5083	DB5083D	DB5083
Warranty	1 Year	1 Year	1 Year	1 Year
TESSCO Part No.	**490196** 806-896	**67051** 806-896	**78470** 806-896	**17396** 806-896
List Price: T-1 Price:	$520.00 $468.00	$3,130.00 $2,378.80	$3,489.00 $2,651.64	$2,060.00 $1,565.60
Ship lb.: T-2 Price:	9 lb. $442.00	38 lb. $2,331.85	70 lb. $2,599.31	34 lb. $1,534.70
Ship kg.: T-3 Price:	4.09 kg. $416.00	17.27 kg. $2,300.55	31.82 kg. $2,564.42	15.45 kg. $1,514.10

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ecibel Products 3854DD90-SX	Decibel Products DB858DDH90-SX	Decibel Products DB858DDH90E-SX	EMS Wireless FR90-11 Series	Allgon Telecom 7391.00
al Slant Polarized	Dual Slant Polarized	Dual Slant Polarized	DualPol Panel	Dual Slant Polarized
versity Master dual slant polar-d antenna. Two 10 dB antennas ss polarized at +45 and -45 grees in a single panel.	Diversity Master dual slant polarized antenna. Two 11dB antennas cross polarized at +45 and -45 degrees in a single panel.	Diversity Master dual slant polarized antenna. Three antennas in a single panel radome.	90 deg Slant 45 and vert polarization. Rugged construction. Low passive intermodulation. OptiFill for max coverage.	90 Degree dual polarized antenna with a slant 45 configuration which has equal strengths. Designed to ensure the highest possible diversity gain, isolation and cross polorization discrimination. UV stabilized radome is incapable of moisture absorption.
-896 5 6)	806-896 90 11 13.1 500	806-896 90 11 13.1 500	806-896 90 11.2 13.3 500	806-896 90 11.5 13.5 500
Deg. Deg. ne al Slant	90 Deg. 16 Deg. None Dual	90 Deg. 16 Deg. None Dual	90 Deg 16 Deg 0 Slant 45 Deg	90 Deg. 14 Deg. 0 Dual
5 Deg. Deg. A dB	+45 Deg. Rx1 -45 Deg. Rx2 Vertical Tx 30/40 23 dB	+45 Deg. Rx1 -45 Deg. Rx2 Vertical Tx 30/40 25 dB	+45 Deg. Rx1 -45 Deg. Rx2 GT 20 dB 25 dB	+45 Deg. -45 Deg. >30 dB >20 dB
1 A A A	1.5:1 N/A N/A N/A	1.5:1 N/A N/A N/A	1.35:1 < -147 dB <20dB >18dB	<1.5:1 -150 dBc N/A N/A
Ground x 12" x 5"	DC Ground 96" x 12" x 5" 36	DC Ground 106" x 15" x 10" 36	Chassis Gnd 48" x 12" x 7" 23 lbs	DC Ground 53" x 11" x 4.9" 18.7
Lbs A	125 8 320 Lbs N/A	125 8 N/A N/A	130 mph 4 sq foot 115 lbs 10.5 ft lbs	156 2.2 No Spec No Spec
emale tom ne 180 clamps up to 3" pipe 083 ar	N Female Bottom None DB380 clamps Up to 3.5" pipe N/A DB5083 1 Year	7/16 DIN Female Bottom None DB380 clamps Up to 3.5" pipe N/A DB5083 1 Year	N Female Middle None MTG-P00-10 1.5"-5" 1.5" to Swiv. or Clust. Mech 10,15 deg 5 Years	7/16 DIN Female Bottom None 7456.00 tilt bracket 1"-5" diameter pole N/A 7456.00 1 Year
'89 806-896 60.00 $1,565.60). $1,534.70 5 kg. $1,514.10	**61509** 806-896 $3,689.00 $2,803.64 52 lb. $2,748.31 23.63 kg. $2,711.42	**99902** 806-896 $3,689.00 $2,803.64 52 lb. $2,748.31 23.63 kg. $2,711.42	**25178** 806-896 $1,824.00 $1,796.64 28 lb. $1,504.80 12.73 kg. $1,459.20	**494180** 806-896 $1,234.00 $1,110.60 19 lb. $1,048.90 8.64 kg. $987.20

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806-896 MHz Dual-Polarized Antennas [342-48]

Manufacturer Table	Decibel Products 854HVH90D-SX	Decibel Products 854HV90-SX	Decibel Products DB854HV90E-SX	EMS Wireless FS65-12 Series
Type	Dual Polarity Panel	Dual Polarized Panel	Dual Polarized	Panel
Product Narrative	Diversity Master dual polarized antenna. Two ant. (Tx & Rx1) vertically and one ant (Rx2) horizontally polarized enclosed in one panel.	Diversity Master dual polarized antenna. Two antennas, one vertically & one horizontally polarized enclosed in a single panel.	Diversity Master dual polarized antenna. Two antennas in a single panel. Use in duplexed system or with DB854H90E-SX single panel in non-duplexed site.	65 deg slant 45 and vert polariza tion. Rugged construction and stress free design. Low passive intermodulation. OptFill for max coverage.
General Freq. (MHz)	806-896	806-896	806-896	806-896
Bandwidth (MHz)	90	90	90	90
Gain (dBd)	11.5	11.5	11.5	11.9
Gain (dBi)	13.6	13.6	13.6	14.0
Maximum Power Input (Watts)	500	500	500	500
H. Beamwidth	90 Deg.	90 Deg.	90 Deg.	+45 slant
Vert. Beamwidth	15 Deg.	17 Deg.	15 Deg.	16.1
Downtilt (deg)	None	None	None	0
Polarization	Dual	Dual	Dual	Vertical
Array 1	Vertical Tx	Horizontal	Horizontal	+45
Array 2	Vertical Rx1	Vertical	Vertical	-45
Array 3	HorizontalRx2	N/A	N/A	
Isolation			30 dB	
Front to Back Ratio (dB)	25 dB	25 dB	25 dB	>25 db
VSWR	1.5:1	1.5:1	1.5:1	1.35:1
Intermodulation	N/A	N/A	N/A	-147 dBc
Null Fill	N/A	N/A	N/A	>20 dB
Sidelobe Suppression (dB)			N/A	<18 dB
Lightning Prot.	DC Ground	DC Ground	DC Ground	Chassis Ground
Size (HxWxD")	96.5" x 20.5" x 5.1"	48" x 20.5" x 5"	50" x 26" x 12"	96 x 12 x 7
Weight	41	22	22	36 lbs
Rated Wind Velocity (MPH)	125	125	125	130 mph
Wind Load, (sq ft)	13.7	6.8	6.8	5
Lateral Thrust @ RWV (lbs)	548 Lbs	272 Lbs	N/A	130
Bending Moment @ RWV (ft lbs)	N/A	N/A	N/A	
Connector (direct)	N Female	N Female	7/16 DIN Female	See Below
Connector Placement	Bottom	Bottom	Bottom	Back Middle
Jumper Included	None	None	None	None
Mount Hdw. Incl.	DB380-3 clamps	DB380 clamps	DB380 clamps	MTG-P00-30
Incl. Hardware Fits			For up to 3.5" pipe	1.5" to 5" Pipe
Opt. Pipe Clamps	N/A	N/A	N/A	Swivel or Cluster
Opt. Downtilt Bracket	DB5083D	DB5083	DB5083	MTG series
Warranty	1 Year	1 Year	1 Year	5 Years
TESSCO Part No.	**43387** 806-896	**16147** 806-896	**67754** 806-896	**416113** N Female
				416128 DIN Female
List Price: T-1 Price:	$3,489.00 $2,651.64	$2,160.00 $1,641.60	$2,260.00 $1,717.60	$2,695.00 $2,654.58
Ship lb.: T-2 Price:	70 lb. $2,599.31	42 lb. $1,609.20	42 lb. $1,683.70	36 lb. $2,223.38
Ship kg.: T-3 Price:	31.82 kg. $2,564.42	19.09 kg. $1,587.60	19.09 kg. $1,661.10	16.36 kg. $2,156.00

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FS Celwave PX906512-1T0	RFS Celwave APX866513-4T0	RFS Celwave APX866513-1T0	Decibel Products DB854HVH65D-SX	Decibel Products 854HV65-SX
nel/Polarization Diversity	Panel/Polarization Diversity	Panel/Polarization Diversity	Tri-Polarized.	Dual Polarity Panel
he APX9065 series features xcellent cross polarization dis- imination. The high port-to-port olation which is typically 35 dB elps to protect sensitive receivers om transmitter noise.	The APX866513 polarization diversity antenna is ideal for sites where zoning issues demand the use of a more aesthetically pleasing solution. By utilizing polarization diversity instead of space diversity they combine two antennas under one radome with some loss of system performance depending on the RF environment.	The APX866515 polarization diversity antenna is ideal for sites where zoning issues demand the use of a more aesthetically pleasing solution. By utilizing polarization diversity instead of space diversity they combine two antennas under one radome with some loss of system performance depending on the RF environment.	Diversity Master tri-polarized antenna. Two antennas (TX and RX1) are vertically polarized while RX2 is horizontally polarized.	Diversity Master dual polarized antenna. Two antennas, one vertically & one horizontally polarized enclosed in a single panel.
2-960 6 .0 .1 0	806-894 88 12.4 14.5 400	806-894 88 12.4 14.5 400	806-896 90 12.5 14.6 500	806-896 90 12.5 14.6 500
.5 nt +-45 deg.	65 15 0 Pol/Div, +/- 45 deg.	65 15 0 Pol/Div, +/- 45 deg.	65 Deg. 15 Deg. None Dual	65 Deg. 16 Deg. None Dual
5 Deg. Rx1 5 Deg. Rx2 A 0 1	+45 Deg. Rx1 -45 Deg. Rx2 N/A <-32 >25	+45 Deg. Rx1 -45 Deg. Rx2 N/A <-32 >25	Vertical Tx Vertical Rx1 HorizontalRx2 25 dB	VerticalTx/Rx Horizontal Rx N/A 25 dB
:1 150 A A	1.5:1 <-150 N/A >14	1.5:1 <-150 N/A >14	1.5:1 N/A N/A N/A	1.5:1 N/A N/A
rect Ground ' x 12" x 4.7" 6 Lbs.	Direct Ground 57.1" x 12" x 4.7" 24 Lbs.	Direct Ground 57.1" x 12" x 4.7" 24 Lbs.	DC Ground 96" x 12" x 5" 36	DC Ground 48" x 12" x 5" 18
5 3	125 3.7 209	125 3.7 209	125 8 320 Lbs. N/A	125 4 160 Lbs N/A
6 DIN Female (2) ck Middle ne M1-1 Downtilt bracket Range: 0 10 degrees ' to 3.5" O.D	7/16 DIN Female (2) Back Middle None APM4-1 Fixed bracket for Pipe or Wall 1.6" to 7.9" O.D	7/16 DIN Female (2) Back Middle None APM1-1 Downtilt bracket Range: 0 to 10 degrees 2.0" to 3.5" O.D	N Female Bottom None DB380 clamps Up to 3.5" pipe	N Female Bottom None DB380 clamps
ears	5 Years	5 Years	N/A DB5083 1 Year	N/A DB5083 1 Year
4157 872-960 MHz 356.00 $1,033.28 b. $1,017.00 4 kg. $996.66	**445146** 806-894 MHz $1,226.00 $934.22 50 lb. $919.50 22.72 kg. $901.11	**440166** 806-894 MHz $1,356.00 $1,033.28 50 lb. $1,017.00 22.72 kg. $996.66	**11151** 806-896 $3,672.65 $2,791.20 52 lb. $2,736.11 23.63 kg. $2,699.39	**28112** 806-896 $1,960.00 $1,489.60 34 lb. $1,460.20 15.45 kg. $1,440.60

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806-896 MHz Dual-Polarized Antennas [342-48]

Manufacturer Table	Decibel Products DB854HV65E-SX	Allgon Telecom 7392.00	Decibel Products DB855DD65SX	RFS Celwave APX869014-2T0
Type	Dual Polarized	Dual Slant Polarized	Dual Slant Polarized	Panel/Polarization Diversity
Product Narrative	Diversity Master dual polarized antenna. Two antennas in a single panel. Use in duplexed system or with DB854H65E-SX single panel in non-duplexed site.	90 Degree dual polarized antenna with a slant 45 configuration which has equal strengths. Designed to ensure the highest possible diversity gain, isolation and cross polorization discrimination. UV stabilized radome is incapable of moisture absorption.	Diversity Master dual slant polarized antenna. Two 13.6 dB Rx antennas are cross polarized at +45 and -45 degrees & are enclosed in a single panel.	The APX869014 polarization di sity antenna is ideal for sites wh zoning issues demand the use o more aesthetically pleasing solut By utilizing polarization diversity instead of space diversity they c bine two antennas under one radome with some loss of syste performance depending on the environment.
General Freq. (MHz)	806-896	806-896	806-896	806-894
Bandwidth (MHz)	90	90	90	88
Gain (dBd)	12.5	13	13.6	13.7
Gain (dBi)	14.6	15	15.7	15.8
Maximum Power Input (Watts)	500	500	500	400
H. Beamwidth	65 Deg.	90 Deg.	65 Deg.	90
Vert. Beamwidth	16 Deg.	10 Deg.	12 Deg.	7.5
Downtilt (deg)	None	0	None	0
Polarization	Dual	Dual	45 Deg Slant	Pol/Div, +/- 45 deg.
Array 1	Horizontal	+45 Deg.	+45 Deg. Rx1	+45 deg Rx1
Array 2	Vertical	-45 Deg.	-45 Deg. Rx2	-45 deg Rx2
Array 3	N/A		N/A	N/A
Isolation	30 dB	>30 dB	30/40	>32
Front to Back Ratio (dB)	25 dB	>19 dB	25 dB	>20
VSWR	1.5:1	<1.5:1	1.5:1	1.5:1
Intermodulation	N/A	-150 dBc	N/A	<-150
Null Fill	N/A	N/A	N/A	N/A
Sidelobe Suppression (dB)	N/A	N/A	N/A	>14
Lightning Prot.	DC Ground	DC Ground	DC Ground	Direct Ground
Size (HxWxD")	59 x 15 x 10	78.3" x 11" x 4.9"	60" x 12" x 5"	93.4" x 10.4" x 5.5"
Weight	18	22	28	48.5 Lbs.
Rated Wind Velocity (MPH)	125	156	125	125
Wind Load, (sq ft)	4	6.1	5	7.09
Lateral Thrust @ RWV (lbs)	N/A	No Spec	200 Lbs.	416
Bending Moment @ RWV (ft lbs)	N/A	No Spec	N/A	
Connector (direct)	7/16 DIN Female	7/16 DIN Female	N Female	7/16 DIN Female (2)
Connector Placement	Bottom	Bottom	Bottom	Back Middle
Jumper Included	None	None	None	None
Mount Hdw. Incl.	DB380 clamps	7456.00 tilt bracket	DB380 clamps	APM2-1
Incl. Hardware Fits	For up to 3.5" pipe	1"-5" diameter pole	For up to 3.5" pipe	2.0" to 3.5" O.D
Opt. Pipe Clamps	N/A	N/A	N/A	
Opt. Downtilt Bracket	DB5083	7456.00	DB5083	
Warranty	1 Year	1 Year	1 Year	5 Years
TESSCO Part No.	**54540** 806-896	**458133** 806-896	**22913** 806-896	**45531** 806-894 MHz
List Price: T-1 Price:	$2,060.00 $1,565.60	$1,800.40 $1,620.33	$2,385.00 $1,812.60	$2,284.00 $1,740.41
Ship lb.: T-2 Price:	34 lb. $1,534.70	22 lb. $1,530.31	38 lb. $1,776.83	57.3 lb. $1,713.00
Ship kg.: T-3 Price:	15.45 kg. $1,514.10	10.00 kg. $1,440.29	17.27 kg. $1,752.98	26.04 kg. $1,678.74

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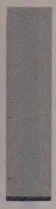
bel Products 58HV90E-SX	Decibel Products 858HV90-SX	RFS Celwave APX866515-1T0	Decibel Products DB858HV65-SX
			
Polarized	Dual Polarity Panel	Panel/Polarization Diversity	Dual Polarized
rsity Master dual polarized na. Two antennas in a single . Use in duplexed system or DB858H90E-SX single panel in duplexed site.	Diversity Master dual polarized antenna. Two antennas, one vertically & one horizontally polarized enclosed in a single panel.	The APX866515 polarization diversity antenna is ideal for sites where zoning issues demand the use of a more aesthetically pleasing solution. By utilizing polarization diversity instead of space diversity they combine two antennas under one radome with some loss of system performance depending on the RF environment.	Diversity Master dual polarized antenna. Two antennas, one vertically & one horizontally polarized enclosed in a single panel.
96	806-896 90 14.5 16.6 500	806-894 88 14.6 16.7 400	806-896 90 15 17.1 500
eg. g. e	90 Deg. 7 Deg. None Dual	65 7.5 0 Pol/Div, +/- 45 deg.	65 Deg. 7 Deg. None Dual
ontal cal 5 5	Vertical Tx Horizontal Rx N/A 30 dB 25 dB	+45 Deg. Rx1 -45 Deg. Rx2 N/A >30 >25	Horizontal Vertical N/A 25 dB
	1.5:1 N/A N/A	1.5:1 <-150 N/A >14	1.5:1 N/A N/A N/A
Ground 26" x 12"	DC Ground 96.5" x 20.5" x 5.1" 43	Direct Ground 74.7" x 12" x 4.7" 48.5 Lbs.	DC Ground 96" x 12" x 5" 40
	125 13.7 548 Lbs N/A	125 6.2 216	125 8 320 Lbs N/A
DIN Female m 0-3 p to 3.5" pipe 83D r	N Female Bottom None DB380-3 clamps For up to 3.5' pipe N/A DB5083D 1 Year	7/16 DIN Female (2) Back Middle None APM1-1 2.0" to 3.5" O.D 5 Years	N Female Bottom None DB380 clamps Up to 3.5" pipe N/A DB5083 1 Year
4 806-896 2.00 $2,684.32 $2,631.34 kg. $2,596.02	**74286** 806-896 $3,432.00 $2,608.32 50 lb. $2,556.84 22.72 kg. $2,522.52	**438112** 806-894 MHz $2,284.00 $1,740.41 56.5 lb. $1,713.00 25.68 kg. $1,678.74	**49544** 806-896 $2,985.00 $2,268.60 56 lb. $2,223.83 25.45 kg. $2,193.98

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896-960 MHz Fiberglass/Omni Antennas [342-50]

Manufacturer Table	RFS Celwave 10022	Decibel Products DB580-Y	Cushcraft/Signals S8960B	Maxrad, Inc MFB9300 Series
Type	Fiberglass	Fiberglass	Fiberglass	Fiberglass
Product Narrative	Lightweight fiberglass. Omnidirectional. Minimal wind resistance. Ideal for conventional, trunking, cellular and paging applications.	Mirage collinear antenna with horizon blue fiberglass radome. Broad frequency response. Drain plugs at both ends.	Broadband, unity gain. Fiberglass, omnidirectional. Does not need radials and can be mounted anywhere.	Low cost, fiberglass radome enclosed base antenna. Alumni mounting base. Omnidirectiona
General Freq. (MHz)	806-960	890-960	896-960	806-970
Bandwidth (MHz)	70 MHz	70	64	40
Gain (dBd)	Unity	Unity	Unity	Unity
Gain (dBi)	2.15	2.15	2.15	2.15
Maximum Power Input (Watts)	500	250	150	150
Vert. Beamwidth	80 Deg.	75 deg.	75 deg.	75 deg.
Downtilt (deg)	None	None	None	None
VSWR	1.5:1	1.5:1	1.2:1	1.5:1
Polarization	Vertical	Vertical	Vertical	Vertical
Intermodulation	N/A	N/A	N/A	N/A
Null Fill	N/A	N/A	N/A	N/A
Sidelobe Suppression (dB)	N/A	N/A	N/A	N/A
Lightning Prot.	DC Ground	DC Ground	DC Ground	DC Ground
Size (HxWxD")	1.5" x 21"	2.46' x 1.5"	17.5"	1.16'
Weight	0.7 Lbs.	3.8	0.56	0.75
Rated Wind Velocity (MPH)	150	100	125	100
Wind Load, (sq ft)	0.14	0.13	0.083	0.06
Lateral Thrust @ RWV (lbs)	13	5.25	N/A	2.3
Bending Moment @ RWV (ft lbs)	7.6	N/A	N/A	1.4
Connector (direct)	N Female	N Female	None	N Female
Connector Placement	Bottom	Bottom	Jumper	Bottom
Jumper Included	None	None	Pigtail w/ N Female	None
Mount Hdw. Incl.	89 Clamps	Dual Purpose Mount	Clamp set	Order Separately
Incl. Hardware Fits	For 1-2.75" pipe	N/A	Up to 2" pipe	N/A
Opt. Pipe Clamp				
Warranty	5 Years	1 Year	1 Year	2 Years
TESSCO Part No.	**45735** 880-960 MHz	**10954** 890-960	**66900** 896-960	**61900** 918-958
List Price: T-1 Price:	$356.00 $271.28	$358.00 $270.29	$58.80 $42.34	**36721** 928-940
Ship lb.: T-2 Price:	9 lb. $267.00	3.5 lb. $264.92	1.46 lb. $41.16	$88.40 $45.09
Ship kg.: T-3 Price:	4.09 kg. $261.66	1.59 kg. $259.55	0.66 kg. $39.99	2 lb. $43.32
				0.91 kg. $41.55

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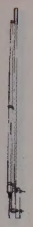
na Specialists 955	Decibel Products DB803M-Y	Decibel Products DB583-Y	Cushcraft/Signals S8963B	Astron Wireless Tech. V-9180
				
lass	Fiberglass	Fiberglass	Fiberglass	Fiberglass Omni
ost base antenna. Covers Trunking and Cellular fre-es. Omnidirectional. Small htweight.	Dual Skirt Dipole design. Horizon Blue fiberglass radome omni antenna. Brass/copper radiators. Tested in absence of IM generators.	Mirage collinear antenna with horizon blue fiberglass radome. Broad frequency response. Drain plugs at both ends.	Broadband, 3dB gain. Fiberglass, omnidirectional. Does not need radials and can be mounted anywhere.	Unity gain fiberglass antenna. All brass internal radiator provides clean radiation pattern. Heavy wall aluminum support mast. Environmental gray for discreet install.
0	806-960 70 3 5.15 400	890-960 70 3 5.15 250	896-960 64 3 5.15 150	902-960 26 Unity 2.1 50 Watts
g. l	39 Deg. None 1.5:1 Vertical N/A N/A N/A	30 Deg. None 1.5:1 Vertical N/A N/A N/A	32 Deg. None 1.2:1 Vertical N/A N/A N/A	77 Deg. None 1.5:1 Vertical Not Specified N/A
round 5"	DC Ground 2.75' x 2" 6	DC Ground 2.75' x 1.5" 6.25	DC Ground 2.75' x 2" 1.1	DC Ground 12" 1.5
	100 0.57 21 10.01	100 0.206 9.18 N/A	125 0.176 N/A N/A	150 0.071 N/A N/A
ale n 20 2.75" pipe	N Female Bottom None DB365-OS Clamps For 1.25-3.5" pipe	N Female Bottom None Dual Purpose Mount For up to 3" pipe	None Jumper Pigtail w/ N Female Clamp set Up to 2" pipe	N Female Jumper 1' RG58 w /N Female Clamp set 1.25"-2" Pipe
s	1 Year	1 Year	1 Year	2 Years
890-960 0 $302.00 $296.00 $290.00	**73315** 890-960 $425.00 $320.88 6 lb. $314.50 2.73 kg. $308.13	**48136** 890-960 $425.00 $320.88 8 lb. $314.50 3.64 kg. $308.13	**67409** 896-960 $120.00 $86.40 2.65 lb. $84.00 1.20 kg. $81.60	**43861** 902-928 $119.00 $107.10 3 lb. $101.15 1.36 kg. $97.58

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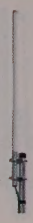
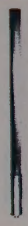
896-960 MHz Fiberglass/Omni Antennas [342-50]

Manufacturer Table	Maxrad, Inc MFB9300 Series	RFS Celwave 1610	Cushcraft/Signals S8964B	Sinclair SRL-433
				
Type	Fiberglass	Fiberglass	Fiberglass	Fiberglass
Product Narrative	Low cost, fiberglass radome enclosed base antenna. Alumninum mounting base. Omnidirectional.	Omnidirectional, fiberglass has minimal wind resistance and is ideal for repeater control stations.	Broadband, 4 dB gain. Fiberglass, omnidirectional. Does not need radials and can be mounted anywhere.	Antenna offers moderate 4 dB for use in paging and data syste where omnidirectional coverag required, or additional power h dling is needed.
General Freq. (MHz)	806-970	806-960	896-960	824-960
Bandwidth (MHz)	30	64	64	32 MHz min.
Gain (dBd)	3	4	4	4
Gain (dBi)	N/A	6.1	6.15	6.15
Maximum Power Input (Watts)	150	500	150	500
Vert. Beamwidth	40 Deg.	25 Deg.	20 Deg.	28 Deg.
Downtilt (deg)	None	None	None	None
VSWR	1.5:1	1.5:1	1.2:1	1.5:1
Polarization	Vertical	Vertical	Vertical	Vertical
Intermodulation	N/A	N/A	N/A	N/A
Null Fill	N/A	N/A	N/A	N/A
Sidelobe Suppression (dB)	N/A	N/A	N/A	N/A
Lightning Prot.	DC Ground	DC Ground	DC Ground	DC Ground
Size (HxWxD")	2.16'	3.1' x 1.5"	3.5' x 2"	3.8'
Weight	1.25	4	1.1	7.5
Rated Wind Velocity (MPH)	100	150	125	100
Wind Load, (sq ft)	0.12	0.27	0.22	N/A
Lateral Thrust @ RWV (lbs)	4.3	24	N/A	17
Bending Moment @ RWV (ft lbs)	4.7	27	N/A	N/A
Connector (direct)	N Female	N Female	None	None
Connector Placement	Bottom	Bottom	Jumper	Jumper
Jumper Included	None	None	Pigtail w/ N Female	Pigtail w/ N Male
Mount Hdw. Incl.	Order Separately	46 Clamps	Clamp set	Clamp set
Incl. Hardware Fits	N/A	For 1-2.75" pipe	Up to 2" pipe	Up to 2.9" pipe
Opt. Pipe Clamp				
Warranty	2 Years	5 Years	1 Year	2 Years
TESSCO Part No.	**75114** 915-945	**58098** 896-960 MHz	**72646** 896-960	**40150** 928-960
List Price: T-1 Price:	**10293** 923-953	$398.00 $303.28	$160.00 $115.20	$480.00 $398.40
Ship lb.: T-2 Price:	$132.60 $67.63	20 lb. $298.50	3 lb. $112.00	10 lb. $379.20
Ship kg.: T-3 Price:	3 lb. $64.98	9.09 kg. $292.53	1.36 kg. $108.80	4.54 kg. $364.80
	1.36 kg. $62.33			

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d, Inc 300 Series	Decibel Products DB806TL-Y	Scala Electronic Corp. OGB6-915	Decibel Products DB806T3-Y	Decibel Products DB806T6-Y
ass	Triple Fiberglass	Omnidirectional	Fiberglass	Fiberglass
ost, fiberglass radome ed base antenna. Alumninum ing base. Omnidirectional.	DB806TL has three 6 dB gain antennas in a single radome with 40 dB isolation. Strong 3" OD fiberglass radome resists high winds with very little tip deflection.	6 dB broadband collinear antenna. Designed for high performance and long service life in all types of adverse environmental conditions. Rugged gray fiberglass radome.	6 dB, fiberglass antenna has Minimum Tip Deflection design and Horizon Blue radome. Drain plugs at both ends. Three degrees of downtilt.	6 dB, fiberglass antenna has Minimum Tip Deflection design and Horizon Blue radome. Drain plugs at both ends. Six degrees of downtilt.
0	890-960 70 6 8.15 250	870-960 90 6 8 500	890-960 70 6 8.15 500	890-960 70 6 8.15 500
	16 Deg. None 1.5:1 Vertical N/A N/A N/A	13 None < 1.5:1 Vertical IM3: -150 dBc N/A N/A	16 Deg. 3 Deg. 1.5:1 Vertical N/A N/A N/A	16 Deg. 6 Deg. 1.5:1 Vertical N/A N/A N/A
ound	DC Ground 15.42' x 3" 38	DC Ground 70 x 6 x 5 " 12 lb	DC Ground 5.2' x 3" 21	DC Ground 5.2' x 3" 21
	204 2.47 98.8 503.6	120 0.81 sq ft (Flat plate) Not Specified Not Specified	225 0.98 39.4 57.8	225 0.98 39.4 57.8
N Male Separately	N Female Bottom None DB5091-3 Mount For 3" OD pipe	N Female Bottom None V bolts Mast of 2-3.75 OD	N Female Bottom None DB365-OS Clamps For 1.25-3.5" pipe	N Female Bottom None DB365-OS Clamps For 1.25-3.5" pipe
	1 Year	5 Years	1 Year	1 Year
920-940 928-948 $90.17 $86.64 $83.10	**60104** 806-869 **22995** 890-960 $3,325.00 $2,510.38 77 lb. $2,460.50 35.00 kg. $2,410.63	**50849** 870-960 $550.00 $550.00 16 lb. $550.00 7.27 kg. $550.00	**98693** 890-960 $984.00 $742.92 40 lb. $728.16 18.18 kg. $713.40	**85479** 890-960 $984.00 $742.92 26 lb. $728.16 11.82 kg. $713.40

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896-960 MHz Fiberglass/Omni Antennas [342-50]

Manufacturer Table	Decibel Products DB806D-Y	Decibel Products DB586-Y	Decibel Products DB806-Y	Decibel Products DB586T3-Y
Type	Dual Fiberglass	Fiberglass	Fiberglass	Fiberglass
Product Narrative	Two separate DB806 antennas in a single Horizon Blue MTD fiberglass radome. 40 dB separation between inputs. Conserves valuable tower space. Drain plug both ends.	Mirage collinear antenna with horizon blue fiberglass radome. Extremely broad frequency response. Drain plugs at both ends.	6 dB, fiberglass antenna has Minimum Tip Deflection design and Horizon Blue radome. Drain plugs at both ends. 3" O.D. Minimum Tip Deflection element.	Mirage collinear antenna with horizon blue fiberglass radome. Extremely broad frequency response. Drain plugs at both ends. Three degrees of downtilt.
General Freq. (MHz)	890-960	806-960	806-960	806-960
Bandwidth (MHz)	70	70	70	70
Gain (dBd)	6	6	6	6
Gain (dBi)	8.15	8.15	8.15	8.15
Maximum Power Input (Watts)	500	400	500	400
Vert. Beamwidth	16 Deg.	18 Deg.	16 Deg.	18 Deg.
Downtilt (deg)	None	None	None	3 Deg.
VSWR	1.5:1	1.5:1	1.5:1	1.5:1
Polarization	Vertical	Vertical	Vertical	Vertical
Intermodulation	N/A	N/A	N/A	N/A
Null Fill	N/A	N/A	N/A	N/A
Sidelobe Suppression (dB)	N/A	N/A	N/A	N/A
Lightning Prot.	DC Ground	DC Ground	DC Ground	DC Ground
Size (HxWxD")	11' x 3"	4.38' x 1.5"	112" H	4.38' x 1.5"
Weight	27	8.25	21	8.25
Rated Wind Velocity (MPH)	100	100	225	100
Wind Load, (sq ft)	1.77	0.328	0.98	0.328
Lateral Thrust @ RWV (lbs)	70.6	14.6	39.4	14.6
Bending Moment @ RWV (ft lbs)	262.5	N/A	57.8	N/A
Connector (direct)	N Female	N Female	N Female	N Female
Connector Placement	Bottom	Bottom	Bottom	Bottom
Jumper Included	None	None	None	None
Mount Hdw. Incl.	DB5091-3 Clamps	Dual Purpose Mount	DB365-OS Clamps	Dual Purpose Mount
Incl. Hardware Fits	For 1.25-3.5" pipe	For up to 3" pipe	For 1.25-3.5" pipe	For up to 3" pipe
Opt. Pipe Clamp				
Warranty	1 Year	1 Year	1 Year	1 Year
TESSCO Part No.	**47086** 890-960	**93743** 890-960	**99942** 890-960	**35121** 890-960
List Price: T-1 Price:	$2,060.00 $1,555.30	$604.00 $456.02	$905.00 $683.28	$683.00 $515.67
Ship lb.: T-2 Price:	55 lb. $1,524.40	10.84 lb. $446.96	26 lb. $669.70	10 lb. $505.42
Ship kg.: T-3 Price:	25.00 kg. $1,493.50	4.93 kg. $437.90	11.82 kg. $656.13	4.54 kg. $495.18

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Celwave -3	Antenex FG9026	Sinclair SRL-420NHD-4	RFS Celwave 1109-6	Antenna Specialists ASPJ977
glass	Fiberglass	Fiberglass	Fiberglass	Variable Tilt Antenna
glass with broadband fre-cy range. Omnidirectional. urization and in version ns available.	Economical fiberglass enclosed omnidirectional 6 dB gain base antenna. Gold anodized support pipe.	Lightweight, collinear antenna offers 7.5 dB gain in an extremely rugged package. Other models available with downtilt.	Omnidirectional, fiberglass. 7.5 dB gain. Broad frequency response. Available in a pressurized and/or inverted version on special order.	Omnidirectional, fiberglass "Vari-Tilt" antenna with field adjustable 3-8 deg. downtilt. 8.5 dB gain. Beamtilt adjusts by turning screw at bottom of antenna.
960	902-928 26 MHz min. 6 8.15 200	806-960 32 MHz min. 7.5 9.65 500	806-960 65 8 10.1 500	872-960 72 8.5 10.65 500
eg. cal	17 Deg. None 1.5:1 Vertical N/A N/A N/A	11 Deg. None 1.5:1 Vertical N/A N/A N/A	8 Deg. None 1.5:1 Vertical N/A N/A N/A	7 Deg. 3 to 8 Deg. 1.5:1 Vertical N/A N/A N/A
Ground x 2"	DC Ground 1.5" x 65" 6	DC Ground 8.66' 15	DC Ground 9.47' x 2" 16 Lbs.	DC Ground 14.3' x 4.5" 35
	125 N/A N/A N/A	105 1.1 46 N/A	100 1.28 51 198.6	165 1.75 70 422
male m amps -2.75" pipe	N Female Bottom None Order Separately N/A	N Female Bottom None Clamp set For 1.5-2.9" pipe	N Female Bottom None 46 Clamps For 1-2.75" pipe	N Female Bottom None ASPR616 Clamps For 1-2.9" pipe
rs	2 Years	2 Years	5 Years	2 Years
96 900-960 MHz 00 $457.20 $450.00 kg. $441.00	**12717** 902-928 $187.45 $97.48 6 lb. $93.73 2.73 kg. $89.98	**94925** 928-960 $956.00 $793.48 35 lb. $755.24 15.91 kg. $726.56	**30747** 895-960 MHz $900.00 $685.80 35 lb. $675.00 15.91 kg. $661.50	**41743** 872-960 $1,795.00 $1,355.23 47 lb. $1,328.30 21.36 kg. $1,301.38

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896-960 MHz Fiberglass/Omni Antennas [342-50]

Manufacturer Table	Allgon Telecom 4168.11.33.00	Antenna Specialists ASP952	Decibel Products DB589	Decibel Products DB589T3-Y
Type	Omnidirectional Fiberglass	Fiberglass	Fiberglass	Fiberglass
Product Narrative	Heavy duty fiberglass omni antenna specifically designed for Narrow Band PCS applications. Rigorously tested in the harshest environments.	Omnidirectional, fiberglass antenna. 9dB gain. Broadbanded. Heavy duty construction.	Collinear, fiberglass. Omnidirectional, 9 dB gain. Extremely broad frequency response. Horizon blue radome. Drain plugs at both ends.	Collinear, fiberglass. Omnidirec tional, 9 dB gain. Extremely bro frequency response. Horizon bl radome. Drain plugs at both end Deg. downtilt.
General Freq. (MHz)	872-960	806-941	806-960	806-960
Bandwidth (MHz)	88	70	70	70
Gain (dBd)	9	9	9	9
Gain (dBi)	11	11.15	11.15	11.15
Maximum Power Input (Watts)	500	500	400	400
Vert. Beamwidth	6.5 Deg.	7.5 Deg.	9 Deg.	9 Deg.
Downtilt (deg)	None	None	None	3 Deg.
VSWR	<1.4:1	1.5:1	1.5:1	1.5:1
Polarization	Vertical	Vertical	Vertical	Vertical
Intermodulation	-146 dBc	N/A	N/A	N/A
Null Fill	N/A	N/A	N/A	N/A
Sidelobe Suppression (dB)	No Spec	N/A	N/A	N/A
Lightning Prot.	DC Ground	DC Ground	DC Ground	DC Ground
Size (HxWxD")	123.6" x 3.1"	11' x 3"	8.5' x 1.5"	8.5' x 1.5"
Weight	31	17	11.5	11.5
Rated Wind Velocity (MPH)	156 MPH	118	100	100
Wind Load, (sq ft)	2.7 sq.ft.	1.2	0.638	0.638
Lateral Thrust @ RWV (lbs)	No Spec	40.2	28.4	28.4
Bending Moment @ RWV (ft lbs)	N/A	176	N/A	N/A
Connector (direct)	7/16 DIN Female	N Female	N Female	N Female
Connector Placement	Bottom	Bottom	Bottom	Bottom
Jumper Included	None	None	None	None
Mount Hdw. Incl.	U-Bolts set	ASPR616 Clamps	Dual Purpose Mount	Dual Purpose Mount
Incl. Hardware Fits		For 1-2.9" pipe	For up to 3" pipe	For up to 3" pipe
Opt. Pipe Clamp	N/A			
Warranty	1 Year	2 Years	1 Year	1 Year
TESSCO Part No.	**475167** 872-960	**45307** 890-960	**59703** 890-960	**42136** 890-960
List Price: T-1 Price:	$998.55 $898.68	$991.00 $748.21	$893.00 $674.22	$1,009.00 $761.80
Ship lb.: T-2 Price:	31 lb. $848.76	32 lb. $733.34	20 lb. $660.82	20 lb. $746.66
Ship kg.: T-3 Price:	14.09 kg. $798.83	14.54 kg. $718.48	9.09 kg. $647.43	9.09 kg. $731.53

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el Products 09K	Decibel Products DB589T6-Y	Decibel Products DB809K	Decibel Products DB809DK-Y	Decibel Products DB809T3-Y
glass	Fiberglass	Fiberglass	Dual Fiberglass	Fiberglass
idirectional, fiberglass with posed tube design and 3" OD me. 1.5:1 VSWR standard, for paging (928-932 MHz) ver- Drain plugs.	Collinear, fiberglass. Omnidirectional, 9 dB gain. Extremely broad frequency response. Horizon blue radome. Drain plugs at both ends. 6 Deg. downtilt.	Omnidirectional, fiberglass with transposed tube design and 3" OD radome. For paging applications. With downtilt options. Drain plugs on both ends.	Dual 9 dB antennas in one horizon blue radome. 40 dB isolation between antennas. Ideal for saving space on a tower. Drain plugs at both ends.	Omnidirectional, fiberglass ant. Minimum Tip Deflection design. Horizon Blue radome Minimum Tip Deflection. Drain plugs at both ends. 3 Degree electrical downtilt.
60	890-960 70 9 11.15 400	928-932 70 9 11.15 500	890-960 70 9 11.15 350	806-960 70 MHz 9 11.15 500
: al	9 Deg. 6 Deg. 1.5:1 Vertical N/A N/A N/A	8 Deg. See Below 1.3:1 Vertical N/A N/A N/A	8 Deg. 0 1.5:1 Vertical N/A N/A N/A	8 Deg. 3 Deg. 1.5:1 Vertical N/A N/A N/A
round 3"	DC Ground 8.5' x 1.5" 11.5	DC Ground 12.69' x 3" 30	DC Ground 19.42' x 3" 32	DC Ground 12.8' x 2" 30
	100 0.638 28.4 N/A	100 1.90 75.9 311.5	100 1.77 70.6 262.5	100 1.90 75.9 311.5
nale m 91-3 Clamps 25-3.5" pipe r	7/16 DIN Female Bottom None Dual Purpose Mount For up to 3" pipe 1 Year	N Female Bottom None DB5091-3 Clamps For 1.25-3.5" pipe 1 Year	N Female Bottom None DB5091-3 Clamps For 1.25-3.5" pipe 1 Year	N Female Bottom None DB5091-3 Clamps For 1.25-3.5" pipe 1 Year
2 890-960 3 928-932 3.00 $964.89 $945.72 kg. $926.55	**30324** 890-960 $1,009.00 $761.80 20 lb. $746.66 9.09 kg. $731.53	**25544** 1 Deg DT $1,444.00 $1,090.22 71 lb. $1,068.56 32.27 kg. $1,046.90 **58104** 2 Deg DT **74169** 3 Deg DT $1,444.00 $1,090.22 45 lb. $1,068.56 20.45 kg. $1,046.90	**62646** 890-960 $3,080.00 $2,325.40 80 lb. $2,279.20 36.36 kg. $2,233.00	**86249** 890-960 $1,443.00 $1,089.47 46 lb. $1,067.82 20.91 kg. $1,046.18

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896-960 MHz Fiberglass/Omni Antennas [342-50]

Manufacturer Table	Decibel Products DB809T6-Y	RFS Celwave 1110-11	RFS Celwave 1110-5	Antel International BCD87010NE
Type	Fiberglass	Omnidirectional	Fiberglass	Fiberglass
Product Narrative	Omnidirectional, fiberglass ant. Minimum Tip Deflection design. Horizon Blue radome Minimum Tip Deflection. Drain plugs at both ends. 6 Degree electrical downtilt.	These center-fed collinear antennas ensure consistent gain and impedance across the operating frequency band and are specifically designed to meet various omnidirectional requirements for mobile radio services in the 806 -960 MHz bands.	Omnidirectional, fiberglass. 35 MHz bandwidth ideal for trunking transmit or receive applications.	Omnidirectional, fiberglass poly thane painted radome with alum num/brass design. Brass feed lin utilize air insulation for virtually signal loss.
General Freq. (MHz)	806-960	806-960	806-960	870-970
Bandwidth (MHz)	70 MHz	70	35	100 MHz
Gain (dBd)	9	9	9	10
Gain (dBi)	11.15	11.1	11.15	12.1
Maximum Power Input (Watts)	500	500	500	500
Vert. Beamwidth	8 Deg.	6	6 Deg.	7
Downtilt (deg)	6 Deg.	0	None	1.25
VSWR	1.5:1	1.5:1	1.5:1	1.43:1
Polarization	Vertical	Vertical	Vertical	Vertical
Intermodulation	N/A	N/A	N/A	
Null Fill	N/A	N/A	N/A	5%
Sidelobe Suppression (dB)	N/A	N/A	N/A	N/A
Lightning Prot.	DC Ground	Direct Ground	DC Ground	Direct Ground
Size (HxWxD")	12.8' x 2"	11.6' x 2.75"	11.34' x 2"	136" x 2.6" x 2.6"
Weight	30	18 Lbs.	19 Lbs.	26.5
Rated Wind Velocity (MPH)	100	100	100	
Wind Load, (sq ft)	1.90	1.60	1.55	2.48 sq. ft.
Lateral Thrust @ RWV (lbs)	75.9	64.0	62.0	
Bending Moment @ RWV (ft lbs)	311.5	312.9	294.7	
Connector (direct)	N Female	N Female	N Female	N Female
Connector Placement	Bottom	Bottom	Bottom	Bottom
Jumper Included	None	None	None	None
Mount Hdw. Incl.	DB5091-3 Clamps	46 Clamps	46 Clamps	
Incl. Hardware Fits	For 1.25-3.5" pipe	Up to 2.75"	For 1-2.75" pipe	N/A
Opt. Pipe Clamp				MT80010 (55280)
Warranty	1 Year	5 Years	5 Years	1 Year
TESSCO Part No.	**29003** 890-960	**411049** 890-960 MHz	**42712** 925-960 MHz	**24128** 870-970
List Price: T-1 Price:	$1,443.00 $1,089.47	$950.00 $723.90	$950.00 $723.90	$1,092.00 $1,092.00
Ship lb.: T-2 Price:	45 lb. $1,067.82	37 lb. $712.50	37 lb. $712.50	35 lb. $1,037.40
Ship kg.: T-3 Price:	20.45 kg. $1,046.18	16.82 kg. $698.25	16.82 kg. $698.25	15.91 kg. $1,004.64

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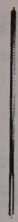
ir 80N	Decibel Products DB810K	RFS Celwave 10017-8	RFS Celwave 10017-6	Antel International BCD-80612
				
lass	Fiberglass	Omnidirectional	Fiberglass	Omnidirectional
veight, collinear antenna 10 dB gain in an extremely d package. Other models ole with downtilt.	Omnidirectional, fiberglass. 3" OD radome. Optional paging (928-932 MHz) version has 1.3:1 VSWR. Drain plugs at both ends.	These center-fed colliner antennas ensure consistent gain and impedance across the operating frequency band and are specifically designed to meet various omnidirectional requirements for mobile radia services in the 806-960 MHz band.	Omnidirectional, fiberglass. 90 MHz bandwidth ideal for trunking transmit or receive applications.	Omni aluminum alloy antenna with fiberglass radome. Features length of antenna four channel extrusion, brass feedlines, non-collinear air insulated system for all radiating elements.
60 Hz min.	806-960 70 10 12.15 500	806-960 35 10 12.1 500	806-960 35 10 12.15 500	824-896 72 12 14.1 500
- al	6 Deg. None 1.5:1 Vertical N/A N/A N/A	6 0 1.5:1 Vertical N/A N/A	6 Deg. None 1.5:1 Vertical N/A N/A N/A	3.5 1.25 <=1.60:1 Vertical 10% N/A
round	DC Ground 14.42' x 3" 35	Direct Ground 13.6' x 2.75" 24 Lbs.	DC Ground 13.3' x 2" 24 Lbs.	Direct Ground 230" x 4.4" x 4.4" 77
	175 2.34 93.4 503.6	100 2.15 86 505	100 1.81 72 414	150 6.99 Not Specified Not Specified
nale n set 5-2.9" pipe s	N Female Bottom None DB5091-3 Mount For 3" pipe 1 Year	N Female Bottom None 46 Clamps 2.75" O.D	N Female Bottom None 46 Clamps For 1-2.75" pipe 5 Years	Elongated N Female Bottom None None 36413001 5 Years
7 890-940 l 928-960 .00 $1,142.08 $1,087.04 kg. $1,045.76	**42166** 890-960 $1,503.00 $1,134.77 83 lb. $1,112.22 37.72 kg. $1,089.68	**72934** 900-935 MHz $1,000.00 $762.00 46 lb. $750.00 20.91 kg. $735.00	**11052** 925-960 MHz $1,000.00 $762.00 46 lb. $750.00 20.91 kg. $735.00	**67233** 824-896 $2,636.00 $2,636.00 77 lb. $2,504.20 35.00 kg. $2,425.12

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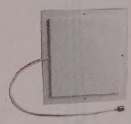
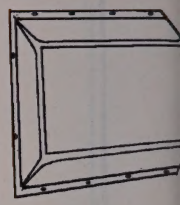
896-960 MHz Fiberglass/Omni Antennas [342-50]

	Manufacturer Table	Decibel Products DB812K-Y
Type		Fiberglass
Product Narrative		Omnidirectional transposed tube fiberglass ant w/ 70 MHz of bandwidth. Drain plugs at both ends. Horizon Blue radome for minimum tip deflection.
General Freq. (MHz)		890-960
Bandwidth (MHz)		70
Gain (dBd)		12
Gain (dBi)		14.15
Maximum Power Input (Watts)		500
Vert. Beamwidth		4 Deg.
Downtilt (deg)		None
VSWR		1.5:1
Polarization		Vertical
Intermodulation		N/A
Null Fill		N/A
Sidelobe Suppression (dB)		N/A
Lightning Prot.		DC Ground
Size (HxWxD")		22.4' x 3"
Weight		66
Rated Wind Velocity (MPH)		150
Wind Load, (sq ft)		3.2
Lateral Thrust @ RWV (lbs)		160
Bending Moment @ RWV (ft lbs)		N/A
Connector (direct)		N Female
Connector Placement		Bottom
Jumper Included		None
Mount Hdw. Incl.		DB5091-3 Clamps
Incl. Hardware Fits		For 3" pipe
Opt. Pipe Clamp		
Warranty		1 Year
TESSCO Part No.		**98214** 890-960
List Price:	T-1 Price:	$2,777.00 $2,096.64
Ship lb.:	T-2 Price:	72 lb. $2,054.98
Ship kg.:	T-3 Price:	32.72 kg. $2,013.33

896-960 MHz Panel/Directional Antenna [342-51]

	Manufacturer Table	Cushcraft/Signals S9026P	Decibel Products DB881H60-Y
Type		Directional Panel	Panel
Product Narrative		Patch antennas provide excellent hemispherical patterns for data transmission. Mounts easily indoors or outside. Off-white/bone color.	60 degree directional panel antenna. Electrically & mechan designed to offer the best trad between size vs. windload & h front to back ratio.
General Freq. (MHz)		902-928	820-960
Bending Moment @ RWV (ft lbs)		Not specified	N/A
Gain (dBd)		4	8
Gain (dBi)		6	10.15
Maximum Power Input (Watts)		25	500
H. Beamwidth		75 Deg	60 Deg.
Vert. Beamwidth		65 Deg	60 Deg.
Downtilt (deg)		N/A	None
Front to Back Ratio (dB)		18	23 dB
VSWR @ 50 ohms		1.8:1	1.5:1
Polarization		Linear	Vertical
Intermodulation (dBc)		Not specified	N/A
Null Fill		Not specified	N/A
Sidelobe Suppression (dB)		Not specified	N/A
Lightning Prot.		Not specified	DC Ground
Size (HxWxD")		9 x 10 x 0.5	12" x 12" x 5"
Weight		1.4 lb (0.64 Kg)	5
Rated Wind Velocity (MPH)		Not specified	125
Wind Load, (sq ft)		Not specified	1.04
Lateral Thrust @ RWV (lbs)		Not specified	42
Bending Moment @ RWV (ft lbs)		Not specified	N/A
Connector (direct)		Pigtail with N Female	N Female
Connector Placement		Side	Back
Jumper Included		12" Ultralink cable	None
Mount Hdw. Incl.		Yes	DB380 clamps
Incl. Hardware Fits		N/A	For 1.6-3.5" pipe
Opt. Pipe Clamp		N/A	
Opt. Downtilt Bracket		N/A	DB5083
Warranty		1 Year	1 Year
TESSCO Part No.		**84140** 902-928	**24650** 890-960
List Price:	T-1 Price:	$118.00 $84.96	$581.00 $441.56
Ship lb.:	T-2 Price:	2 lb. $82.60	6.5 lb. $432.85
Ship kg.:	T-3 Price:	0.91 kg. $80.24	2.95 kg. $427.04





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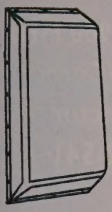
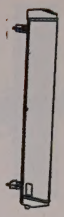
el Products '2H120-Y	Sinclair SRL-410C9N-4	Sinclair SRL-410C9RXN	Decibel Products DB874H120-SY	RFS Celwave AP923712
				
	Enclosed Dipole Array	Adjustable Dipole Array	Panel	Cellular/GSM,Trunking/SMR Panel Antenna
egree directional panel na. Electrically & mechanically ed to offer the best trade off en size vs. windload & high to back ratio.	Highly versatile, broadband antennas are well suited to systems where a specific coverage pattern is required. Radiators housed within durable ABS radome.	Enclosed dipole array antenna with a adjustable reflector assembly allows horizontal pattern to be changed from 60 to 160 degrees.	120 degree directional panel antenna. Electrically & mechanically designed to offer the best trade off between size vs. windload & high front to back ratio.	These 37 degree directional panel antennas are designed for low density, three sector AMPS/TACS/ GSM cell sites.The wide bandwidth allows for thier use for Tx, Rx & Full Duplex applications.
60	806-960 N/A 10 12.15 500	806-896 N/A 11-15.5 12.15-17.65 500	820-960 N/A 11.3 13.45 500	824-960 N/A 12.2 14.3 500
eg. g.	212 Deg. 8 Deg. None N/A	60-160 8 Deg. None N/A	120 Deg. 14 Deg. None 20 dB	37 32 0 40
al	1.5:1 Vertical N/A N/A N/A	1.5:1 Vertical N/A N/A N/A	1.5:1 Vertical N/A N/A N/A	1.5:1 Vertical -100 N/A N/A
round 24" x 5"	DC Ground 7.88' 24	DC Ground 7.88' 35	DC Ground 12" x 48" x 5" 14	Direct Ground 21" x 21" x 5" 23 Lbs.
	100 5.45 180 N/A	100 5.94 213 N/A	125 4.10 164 N/A	100 3.06 122.5 N/A
nale) clamps 5-3.5" pipe 33	N Female Back None Clamp set For 1.5-2.9" pipe 142 2 Years	N Female Back None Clamp set For 1.5-2.9" pipe 142 2 Years	N Female Back None DB380 clamps For 1.6-3.5" pipe DB5083 1 Year	N Female Back None 10238-1 Clamp Set/ Retrofit Kit 10238-1R Not Specified 10238-1 & 10228-1 5 Years
4 890-960 00 $562.40 $551.30 g. $543.90	**96228** 890-960 $1,340.00 $1,112.20 30 lb. $1,058.60 13.64 kg. $1,018.40	**97422** 890-960 $1,826.00 $1,515.58 40 lb. $1,442.54 18.18 kg. $1,387.76	**64292** 890-960 $1,163.00 $883.88 18 lb. $866.44 8.18 kg. $854.81	**25921** 824-960 MHz $1,600.00 $1,219.20 40 lb. $1,200.00 18.18 kg. $1,176.00

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Manufacturer Table	Decibel Products DB874H83-SY	RFS Celwave AP923715 Series	Decibel Products DB884H45-Y	Manufacturer Table
896-960 MHz Panel/Directional Antenna [342-51]				**896-960 MHz Yagi/Corner Reflector [342-54]**
Type	Panel	Panel	Panel	Type
Product Narrative	83 degree directional panel antenna. Electrically & mechanically designed to offer the best trade off between size vs. windload & high front to back ratio.	These 37 degree directional panel antennas are designed for low density, three sector AMPS/TACS/GSM cell sites. Their high front-to-back ratio effectively isolates interference from adjacent cells and is nearly impervious to tower changes.	45 degree directional panel antenna. Electrically & mechanically designed to offer the best trade off between size vs. windload & high front to back ratio.	Product Narrative
General Freq. (MHz)	870-960	824-960	890-960	General Freq. (MHz)
Bending Moment @ RWV (ft lbs)	N/A	N/A	N/A	Bandwidth @ Rated VSWR (M
Gain (dBd)	12.5	14.75	15.6	Gain (dBd)
Gain (dBi)	14.65	16.9	17.85	Gain (dBi)
Maximum Power Input (Watts)	500	500	500	Maximum Power Input (Watts
H. Beamwidth	83 Deg.	39	45 Deg.	H. Beamwidth
Vert. Beamwidth	14 Deg.	16.8	14 Deg.	Vert. Beamwidth
Downtilt (deg)	None	0	None	Front to Back Ratio (dB)
Front to Back Ratio (dB)	25 dB	40	26 dB	VSWR
				Polarization
VSWR @ 50 ohms	1.5:1	1.5:1	1.5:1	Lightning Prot.
Polarization	Vertical	Vertical	Vertical	Size (HxWxD")
Intermodulation (dBc)	N/A	-100	N/A	Weight
Null Fill	N/A	N/A	N/A	
Sidelobe Suppression (dB)	N/A	N/A	N/A	Rated Wind Velocity (MPH)
				Wind Load, (sq ft)
Lightning Prot.	DC Ground	Direct Ground	DC Ground	Lateral Thrust @ RWV (lbs)
Size (HxWxD")	12" x 48" x 5"	42.5" x 21.5" x 5.0"	12" x 48" x 5"	Bending Moment @ RWV (ft l
Weight	14	23 Lbs.	14	
				Connector (direct)
Rated Wind Velocity (MPH)	125	125	125	Connector Placement
Wind Load, (sq ft)	4.10	6.35	4.10	Jumper Included
Lateral Thrust @ RWV (lbs)	164	253.8	164	Mount Hdw. Incl.
Bending Moment @ RWV (ft lbs)	N/A	N/A	N/A	Incl. Hardware Fits
				Warranty
Connector (direct)	N Female	7/16 DIN Female	N Female	
Connector Placement	Back	Back	Back	**TESSCO Part No.**
Jumper Included	None	None	None	List Price: T-1 Pric
Mount Hdw. Incl.	DB380 clamps	10238	DB380 clamps	Ship lb.: T-2 Pric
Incl. Hardware Fits	For 1.6-3.5" pipe	1-7/8" to 4" OD Pipe	For 1.6-3.5" pipe	Ship kg.: T-3 Pric
Opt. Pipe Clamp				
Opt. Downtilt Bracket	DB5083	N/A	DB5083	
Warranty	1 Year	5 Years	1 Year	
TESSCO Part No.	**51078** 890-960	**55918** 824-960 MHz	**75008** 890-960	
List Price: T-1 Price:	$1,163.00 $883.88	$2,400.00 $1,828.80	$1,415.00 $1,075.40	
Ship lb.: T-2 Price:	18 lb. $866.44	60 lb. $1,800.00	18 lb. $1,054.18	
Ship kg.: T-3 Price:	8.18 kg. $854.81	27.27 kg. $1,764.00	8.18 kg. $1,040.03	
		439169 824-960 MHz w/ 10228-7 Downtilt Bracket		
		$2,500.00 $1,905.00		
		30 lb. $1,875.00		
		13.64 kg. $1,837.50		

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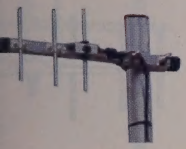
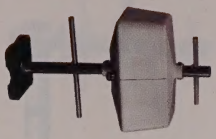
on Wireless Tech. 3	Antenna Specialists ASPJ2994	RFS Celwave 10212-2	Antenex Y8963	Maxrad, Inc MYA9303
				
ment Yagi	Yagi	Enclosed Radiator Yagi	3-Element Yagi	3-Element Yagi
3 element, Sealed "Antenna-", no tuning required, rugged e boom construction, perfor-e and durability.	4 element yagi, 5 dB gain. Broad-banded to cover the 902-960 fre-quency range. Laminated elements.	5.5 dB gain yagi is designed for con-trol station use. Director and reflector are welded to the boom. The radiator is radome enclosed to protect from ice.	3 element yagi. 6 dB directional gain. Solid aluminum elements, fully assembled. Stainless steel hard-ware.	3 element yagi. 6 dB directional gain. Solid elements mounted through boom for long life. Avail-able with black finish.
960	890-960 58 5 N/A 150	900-960 60 5.5 7.65 150	896-970 74 6 8.15 300	896-970 44 6 8.15 150
Deg. eg. -	110 Deg. 60 Deg. 14 dB N/A Vertical	105 Deg. 66 Deg. 20 dB 1.5:1 Vert./Horiz.	Not Specified Not Specified 15 dB 1.5:1 Vertical	42 Deg. 40 Deg. 16 dB 1.5:1 Vert./Horiz.
cal or Horizontal				
Ground	Direct Ground 11" .5 Lbs.	Direct Ground 14" x 8" x 4" 3	DC Ground 16-3/4" 3	DC Ground 2.33' 2
pecified pecified	102 MPH .074 Not Specified Not Specified	150 0.18 7.2 6.6	125 125 6.5 4.6	125 0.16 9.1 10.6
er 58 w/ N Female s 25-2" pipe rs	N Female End None U-bolts 1.25" - 1.5" tube 1 Year	N Female Center None Clamps N/A 5 Years	N Female Center None U-bolt Up to 1-5/8" pipe 2 Years	N Female Center None MYK-1 Mount Up to 1-5/8" pipe 2 Years
3 896-940 0 $66.60 $62.90 g. $60.68	**65332** 902-960 $170.00 $132.94 2 lb. $130.56 0.91 kg. $128.35	**82630** 900-960 MHz $195.00 $148.59 6 lb. $146.25 2.73 kg. $143.33	**40819** 896-970 MHz $133.95 $69.66 5 lb. $66.98 2.27 kg. $64.30	**62255** 896-940 $68.40 $34.87 2.97 lb. $33.50 1.35 kg. $32.13

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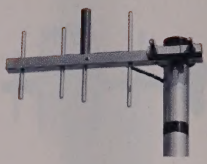
896-960 MHz Yagi/Corner Reflector [342-54]

Manufacturer Table	Maxrad, Inc BMYA9303 Series	Cushcraft/Signals PC904N	Maxrad, Inc MYA9153	Decibel Products DB493-K
				
Type	3-Element Yagi	4-Element Yagi	Directional Yagi	3-Element Yagi
Product Narrative	3 element yagi. 6 dB directional gain. Solid elements mounted through boom for long life. Black finish.	4 element, 6 dB gain yagi. 1 piece unit construction with elements welded to boom. Feed system is enclosed in potted PVC radome for weatherability.	3 element yagi. 6 db directional gain. Solid elements mounted through boom for long life. Available with black finish.	3 element yagi antenna excelle for control or point to point c munications. 6 dB directional g Well suited for temporary or p table use. Made from high stre aluminum alloys.
General Freq. (MHz)	806-970	896-980	902-928	890-960
Bandwidth @ Rated VSWR (MHz)	35	84	26	70
Gain (dBd)	6	6	6	6
Gain (dBi)	8.15	8.15	8	8.15
Maximum Power Input (Watts)	150	200	150	100
H. Beamwidth	72 Deg.	105 Deg.	42 Deg	Not Specified
Vert. Beamwidth	57 Deg.	65 Deg.	40 Deg	Not Specified
Front to Back Ratio (dB)	15 dB	16 dB	16	Not Specified
VSWR	1.5:1	1.5:1	1.5:1	1.5:1
Polarization	Vert./Horiz.	Vert./Horiz.	Vertical	Vertical
Lightning Prot.	DC Ground	DC Ground	DC Ground	DC Ground
Size (HxWxD")	1.42'	12"	24" x 9" x 3"	13" x 7.5"
Weight	1.5	0.68	2	1
Rated Wind Velocity (MPH)	125	125	125	100
Wind Load, (sq ft)	0.1	0.09	.09	Not Specified
Lateral Thrust @ RWV (lbs)	6.5	Not Specified	5.9	Not Specified
Bending Moment @ RWV (ft lbs)	4.6	Not Specified	10.6	Not Specified
Connector (direct)	N Female	None	N Female	None
Connector Placement	Center	Jumper	Center	Bottom
Jumper Included	None	8" Pigtail w/ N Female	None	Pigtail w/ N Female
Mount Hdw. Incl.	MYK-1 Mount	U-bolts	MYK-1, pipe mount	U-bolts
Incl. Hardware Fits	Up to 1-5/8" pipe	Up to 2-1/8" pipe	up to 1-5/8" pipe	For up to 1.5" pipe
Warranty	2 Years	1 Year	2 Years	1 Year
TESSCO Part No.	**81230** 896-970	**57433** 896-980	**18907** 902-928	**27474** 920-960 MHz
List Price: T-1 Price:	$81.95 $41.79	$38.15 $27.47	$68.40 $34.87	$98.00 $73.99
Ship lb.: T-2 Price:	2 lb. $40.15	2 lb. $26.71	2 lb. $33.50	3 lb. $72.52
Ship kg.: T-3 Price:	0.91 kg. $38.51	0.91 kg. $25.95	0.91 kg. $32.13	1.36 kg. $71.05

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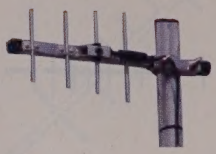
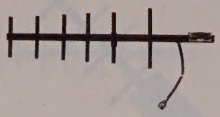
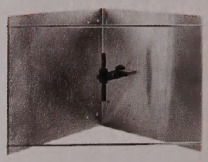
enex 8067	Astron Wireless Tech. 928-4	Antenna Specialists ASPG998	Decibel Products DB492-K	Maxrad, Inc MCR900
				
ment Yagi	4-Element Yagi	6-Element Yagi	6-Element Yagi	Corner Reflector
B gain 3 element No-Tune DA yagi antenna. Gold anod- 100% welded. Sealed folded e driven element. Heavy duty aluminum mounting bracket.	7 dB, 4 element, sealed "Antenna-Feed", no tuning required, rugged square boom construction, performance and durability.	6 element, 8 dB gain, 125 watt. Direct N female term. Includes mounting hardware. Black finish.	6 element yagi antenna excellent for control or point to point communications. Well suited for temporary or portable use. Made from high strength aluminum alloys. Lightweight.	Single corner reflector. 8.5 dB gain with a 23 dB front to back ratio. No tuning required.
960 Hz B	896-960 64 7 9.15 50	806-960 70 8 10.15 125	890-960 70 8 10.15 100	806-970 74 8.5 10.65 100
eg. eg. 3 cal	81 Deg. 58 Deg. 14 dB 1.5:1 Vertical or Horizontal	55-64 Deg 44-50 Deg 10 1.5:1 Vertical	Not Specified Not Specified Not Specified 1.5:1 Vertical	45 Deg. 56 Deg. 23 dB 1.5:1 Vertical
Ground 6.4"	DC Ground 1.25' 1	Direct Ground 23.2' x 8" x 1.5" 1.2 Lbs	DC Ground 7.5" x 25.5" 3.5	DC Ground 14" x 14" 3.8
MPH Specified Specified Specified	150 0.12 Not Specified Not Specified	125 0.159 6.36 6.32	100 Not Specified Not Specified Not Specified	100 1.92 71 41.4
e er 213/N Female 1-5/8" Pipe rs	None Jumper 1' RG58 w/ N Female V-bolts For 1.25-2" pipe 2 Years	None Jumper Pigtail w/ N Female U-bolt 1" mounting pipe 1 Year	None Bottom Pigtail w/ N Female U-bolts For up to 3" pipe 1 Year	None Jumper Pigtail w/ N Male U-bolts For 1-1/4" pipe 2 Years
30 896-960 00 $115.20 $95.80 kg. $89.60	**72516** 896-940 $79.00 $71.10 2.03 lb. $67.15 0.92 kg. $64.78	**75146** 890-960 $98.50 $74.37 1.2 lb. $72.89 0.55 kg. $71.42	**40688** 920-960 $115.00 $86.83 6 lb. $85.10 2.73 kg. $83.38	**83857** 896-970 $149.95 $76.47 5 lb. $73.48 2.27 kg. $70.48

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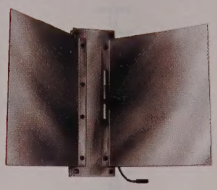
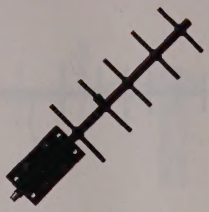
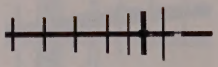
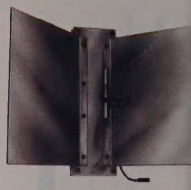
896-960 MHz Yagi/Corner Reflector [342-54]

Manufacturer Table	RFS Celwave 1124-2	Maxrad, Inc BMOY8905	Radiall/Larsen YA5900	Decibel Products DB495-B
				
Type	Corner Reflector	5-Element Yagi	7-Element Yagi	Corner Reflector
Product Narrative	Single corner reflector. Broad frequency response. Ideal for use in control station to repeater link applications.	5 element 9 dB gain yagi. No tuning required. Seamless aluminum construction, 360 Deg. welds, and a powder coated finish give superior durability. Mounting hardware included.	7 element yagi, 9db directional gain. Black finish. Includes mounting hardware.	Single corner reflector. 9 dB di tional gain. High, 25 dB front to back ratio reduces interferenc
General Freq. (MHz)	806-960	806-960	806-960	890-960
Bandwidth @ Rated VSWR (MHz)	80	60	100	70
Gain (dBd)	9	9	9	9
Gain (dBi)	11.15	9	11.2	11.15
Maximum Power Input (Watts)	100	150	300	150
H. Beamwidth	46 Deg.	52 deg	45 Deg.	40 Deg.
Vert. Beamwidth	54 Deg.	45 Deg.	55 Deg.	60 Deg.
Front to Back Ratio (dB)	25 dB	15 dB	Not Specified	25 dB
VSWR	1.5:1	1.5:1	1.5:1	1.5:1
Polarization	Vertical	Vertical and Horizontal	Vertical	Vertical
Lightning Prot.	DC Ground	DC Ground	DC Ground	DC Ground
Size (HxWxD")	13" x 16"	Boom Length 20-1/2 "	34" x 10" x 4"	12" x 18"
Weight	11	0.9 lbs	1.25	10
Rated Wind Velocity (MPH)	100	100	100	100
Wind Load, (sq ft)	0.244	Not Specified	Not Specified	2.35
Lateral Thrust @ RWV (lbs)	Not Specified	12.6 lbs	Not Specified	95
Bending Moment @ RWV (ft lbs)	29	9.5 ft-lbs	Not Specified	Not Specified
Connector (direct)	N Female	N Female	N Female	None
Connector Placement	Jumper	Back	Center	Jumper
Jumper Included	18" N Male-N Male	None	None	Pigtail w/ N Male
Mount Hdw. Incl.	1253 Clamps	MYK17	U-bolts	DB11653
Incl. Hardware Fits	For 1.3-2.4" pipe	Up to 1-5/8" pipe	up to 1.5" pipe	Up to 3" pipe
Warranty	5 Years	2 Years	3 Years	1 Year
TESSCO Part No.	**66642** 880-960 MHz	**86564** 890-960 MHz	**27834** 890-960	**52653** 890-960
List Price: T-1 Price:	$470.00 $358.14	$155.00 $77.50	$123.35 $80.17	$490.00 $369.95
Ship lb.: T-2 Price:	13.7 lb. $352.50	2.45 lb. $74.40	4 lb. $74.00	16 lb. $362.60
Ship kg.: T-3 Price:	6.23 kg. $345.45	1.11 kg. $71.30	1.82 kg. $67.84	7.27 kg. $355.25

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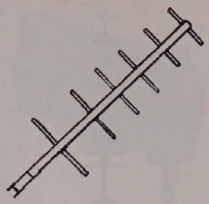
ncraft/Signals 06N	Antenex YS8866	Decibel Products DB498-K	Astron Wireless Tech. 928-6	Antenex Y8966
				
ment Yagi	6-Element Yagi	6-Element Yagi	6-Element Yagi	6-Element Yagi Gold Anodized Fully Welded
ment 9 dB gain yagi. 1 piece construction with elements ed to boom. Feed system sed.	Six element yagi, 9 dB gain directional antenna. Silver series with element mounting holes threaded for positive RF connection.	6 element yagi. 10 dB directional gain. Gold anodized elements and radome enclosed radiator for long life.	9dB, 6 element sealed "Antenna-Feed", no tuning required, rugged square boom construction, performance and durability.	6 element yagi. 9 dB directional gain. Solid aluminum elements, fully assembled. Stainless steel hardware.
940	896-970 74 MHz 9 11.15 300	890-960 70 9 11.15 100	896-960 64 9 11.15 50	896-970 74 9 11.15 300
g. eg. 3 /Horiz.	Not Specified Not Specified 16 dB 1.5:1 Vertical	Not Specified Not Specified Not Specified 1.5:1 Vert./Horiz.	59 Deg. 49 Deg. 16 dB 1.2:1 Vertical or Horizontal	42 Deg. 40 Deg. 16 dB 1.5:1 Vertical
Ground "	DC Ground 27.75" 3 lbs.	DC Ground 2.12' 5	DC Ground 2.00' 1.2	DC Ground 27-3/4" 3
Specified Specified	100 mph Not Specified Not Specified Not Specified	100 Not Specified Not Specified Not Specified	100 0.17 Not Specified Not Specified	125 0.16 9.1 10.6
er tail w/ N Female t (1) 2-1/8" pipe r	N Female End None U-bolts Up to 1-5/8" Pipe 2 Years	N Female Back None U-bolts For up to 3" pipe 1 Year	None Jumper 1' RG58 w/ N Female V-bolts For 1.25-2" pipe 2 Years	N Female Center None U-bolt Up to 1-5/8" pipe 2 Years
78 895-940 0 $33.47 b. $32.54 g. $31.61	**95753** 896-970 $94.50 $54.44 5 lb. $45.27 2.27 kg. $42.34	**64618** 896-960 $255.00 $192.53 8 lb. $188.70 3.64 kg. $184.88	**20909** 896-940 $89.00 $80.10 2.34 lb. $75.65 1.06 kg. $72.98	**94674** 896-970 $160.75 $92.58 5 lb. $76.99 2.27 kg. $72.01

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896-960 MHz Yagi/Corner Reflector [342-54]

Manufacturer Table	Maxrad, Inc MYA9306	Maxrad, Inc BMYA9306	RFS Celwave 10108-2	Antenna Specialists ASPG962
Type	6-Element Yagi	6-Element Yagi	Enclosed Radiator Yagi	9-Element Yagi
Product Narrative	6 element yagi. 9 dB directional gain. Solid elements mounted through boom for long life. Available with black finish.	6 element yagi. 9 dB directional gain. Solid elements mounted through boom for long life. Black finish.	9 element yagi. Director elements enclosed in radome for protection from the environment. Also available a two stack version.	9 element yagi antenna. Irradia boom and elements for long li
General Freq. (MHz)	806-970	806-970	806-960	806-960
Bandwidth @ Rated VSWR (MHz)	74	74	80	90
Gain (dBd)	9	9	10	10
Gain (dBi)	11.15	11.15	12.15	12.15
Maximum Power Input (Watts)	150	150	150	150
H. Beamwidth	42 Deg.	42 Deg.	50 Deg.	52 Deg.
Vert. Beamwidth	40 Deg.	40 Deg.	42 Deg.	43 Deg.
Front to Back Ratio (dB)	16 dB	16 dB	20 dB	20 dB
VSWR	1.5:1	1.5:1	1.5:1	1.5:1
Polarization	Vert./Horiz.	Vert./Horiz.	Vert./Horiz.	Vertical
Lightning Prot.	DC Ground	DC Ground	Direct Ground	DC Ground
Size (HxWxD")	2.33'	2.33'	33" x 8" x 4"	2.25'
Weight	2	2	5 Lbs.	1.3
Rated Wind Velocity (MPH)	125	125	150	100
Wind Load, (sq ft)	0.16	0.16	0.18	0.159
Lateral Thrust @ RWV (lbs)	9.1	9.1	7.2	6.36
Bending Moment @ RWV (ft lbs)	10.6	10.6	9.3	6.32
Connector (direct)	N Female	N Female	N Female	N Female
Connector Placement	Center	Center	Bottom	Center
Jumper Included	None	None	None	None
Mount Hdw. Incl.	MYK-1 Mount	MYK-1 Mount	U-bolts	U-bolts
Incl. Hardware Fits	Up to 1-5/8" pipe	Up to 1-5/8" pipe	N/A	For up to 1" pipe
Warranty	2 Years	2 Years	5 Years	1 Year-
TESSCO Part No.	**64072** 896-970	**36925** 896-970	**26276** 880-960 MHz	**17630** 890-960
List Price: T-1 Price:	$90.85 $46.34	$107.75 $54.95	$252.00 $192.03	$129.00 $97.40
Ship lb.: T-2 Price:	2.57 lb. $44.52	2.75 lb. $52.79	7.3 lb. $189.00	3 lb. $95.46
Ship kg.: T-3 Price:	1.17 kg. $42.70	1.25 kg. $50.64	3.32 kg. $185.22	1.36 kg. $93.53

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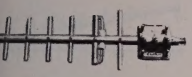
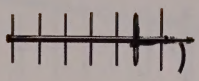
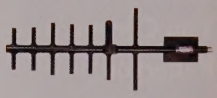
a Electronic Corp. 900	Scala Electronic Corp. RY-900A	Sinclair SRL-406	Decibel Products DB499	Telewave, Inc. ANT940Y10-WR
				
ement Yagi	Enclosed Yagi	6-Element Yagi	7-Element Yagi	7-Element Yagi
ement yagi. 10 dB directional Rugged, heavy duty gold anod- aluminum construction. Verti- r horizontal polarization.	10 dB broadband yagi antenna housed in a rugged fiberglass radome. The radome protects against snow, ice and other adverse environmental conditions which can degrade performance and cause damage.	Broadband , 6 element yagi has been designed for high performance, versatility and ease of installation. All elements are at DC ground potential.	7 element. Permits vertical or horizontal polarization. Radome covering director element reduces ice build up.	7 element yagi. 10 dB directional gain. Rugged, heavy duty with Txylan coating to resist icing and other hazards. Fully welded elements.
960 5	890-960 70 10 12 100	806-960 36 10 12.15 125	806-960 60 10 12.15 150	900-960 60 10 12.15 150
eg. eg. B /Horiz.	48 Deg. 40 Deg. >20 dB <1.5:1 Vert./Horiz.	46 Deg. 41 Deg. 20 dB 1.5:1 Vert./Horiz.	60 Deg. 30 Deg. 20 dB 1.5:1 Vert./Horiz.	47 Deg. 49 Deg. 20 dB 1.5:1 Vertical
Ground	DC Ground 29 x 17 x 12 " 16 Lb.	DC Ground 24" x 6.4" 1.5	DC Ground 2.5' x 6" 5	DC Ground 2.0' 5
	100 2.78 sq ft (Flat plate) Not Specified Not Specified	150 0.14 29 13	150 0.25 10 Not Specified	150 0.19 6.04 31.2
male er e p set -2.4" pipe ars	N Female None No N/A 5 Years	None Jumper Pigtail w/ N Male Clamp set For 1.5-2.4" pipe 2 Years	N Female Back None V-bolts For up to 3" pipe 1 Year	N Female Center None Clamps set For 1-2.5" pipe 1 Year
24 890-960 .00 $147.00 $144.00 kg. $141.00	**16341** 890-960 $430.00 $430.00 21.1 lb. $430.00 9.59 kg. $430.00	**58432** 895-960 $240.00 $199.20 7 lb. $189.60 3.18 kg. $182.40	**89797** 896-960 $295.00 $222.73 8 lb. $218.30 3.64 kg. $213.88	**20314** 900-960 $184.00 $142.60 9 lb. $139.84 4.09 kg. $137.08

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896-960 MHz Yagi/Corner Reflector [342-54]

Manufacturer Table	Sinclair SRL-406HD	Antenex YNT8967	Antenex Y89612	Cushcraft/Signals PC8910N
Type	6-Element Yagi	7 Element Yagi	12-Element Yagi	10-Element Yagi
Product Narrative	Heavy duty, 6 element yagi has been designed for high performance at the 928-956 MHz range.	10.2 dB gain 7 element No-Tune SCADA yagi antenna. Gold anodized. 100% welded. Sealed folded dipole driven element. Heavy duty cast aluminum mounting bracket.	12 element yagi. 11dB directional gain. Solid aluminum elements, fully assembled. Stainless steel hardware.	10 element, 12 dB gain yagi. 1 p unit construction with element welded to boom. Feed system i enclosed in potted PVC radome weatherability.
General Freq. (MHz)	928-956	896-960	896-970	896-940
Bandwidth @ Rated VSWR (MHz)	28	64 MHz	74	44
Gain (dBd)	10	10.2	11	11
Gain (dBi)	12.15	12.2 dB	13.15	13.15
Maximum Power Input (Watts)	125	200	300	200
H. Beamwidth	46 Deg.	46 Deg.	36 Deg.	44 Deg.
Vert. Beamwidth	41 Deg.	41 Deg.	34 Deg.	39 Deg.
Front to Back Ratio (dB)	20 dB	20 dB	20 dB	20 dB
VSWR	1.5:1	1.5:1	1.5:1	1.5:1
Polarization	Vert./Horiz.	Vertical	Vertical	Vert./Horiz.
Lightning Prot.	DC Ground	DC Ground	DC Ground	DC Ground
Size (HxWxD")	24" x 6.4"	24" x 6.4"	49"	38"
Weight	1.8	1.5	2	1.5
Rated Wind Velocity (MPH)	300	150 MPH	125	125
Wind Load, (sq ft)	0.23	Not Specified	0.27	0.25
Lateral Thrust @ RWV (lbs)	70	Not Specified	16.5	Not Specified
Bending Moment @ RWV (ft lbs)	Not Specified	Not Specified	23.3	Not Specified
Connector (direct)	None	None	N Female	None
Connector Placement	Jumper	Jumper	Center	Center
Jumper Included	Pigtail w/ N Male	2' RG213/N Female	None	8" Pigtail w/ N Female
Mount Hdw. Incl.	Clamp set	U-bolts	U-bolts	U-bolts
Incl. Hardware Fits	For 1.5-2.4" pipe	Up to 1-5/8" Pipe	Up to 1-5/8" pipe	Up to 2-1/8" pipe
Warranty	2 Years	2 Years	2 Years	1 Year
TESSCO Part No.	**96825** 928-956	**75873** 896-960	**53615** 896-970	**70647** 896-940
List Price: T-1 Price:	$324.50 $269.34	$320.00 $184.32	$214.35 $123.45	$112.00 $80.64
Ship lb.: T-2 Price:	8 lb. $256.36	5 lb. $153.28	5 lb. $102.66	3.55 lb. $78.40
Ship kg.: T-3 Price:	3.64 kg. $246.62	2.27 kg. $143.36	2.27 kg. $96.02	1.61 kg. $76.16

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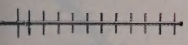
krad, Inc A93012	Decibel Products DB496-A	Astron Wireless Tech. 920-10	Astron Wireless Tech. 920-10H	Cushcraft/Signals PC9010N
				
Element Yagi	Parabolic Antenna	10-Element Yagi	10-Element Yagi	10-Element Yagi
lement yagi. 11 dB directional . Solid elements mounted ugh boom for long life. Also able with a durable black finish.	Cylindrical parabolic. 11.4 dB directional gain. Can be top or side mounted. Also available in a 2 stack version.	10 element yagi. 12 dB gain. No tuning required. "Ever Sealed" feed is impervious to moisture and other harsh environments.	Heavy duty, 12 dB, 10 element, excellent all weather performance, full 1" square tube boom, "Ever-Sealed", balanced feed system.	10 element, 12 dB gain yagi. 1 piece unit construction with elements welded to boom. Feed system is enclosed in potted PVC radome for weatherability.
960 5	942-960 18 11.4 13.55 100	896-940 44 12 14.15 50	896-940 44 12 14.15 50	928-960 32 12 14.15 200
Deg. Deg. B ./Horiz.	19 Deg. 44 Deg. 20 dB 1.5:1 Vertical	36 Deg. 34 Deg. 16 dB 1.2:1 Vertical or Horizontal	42 Deg. 38 Deg. 16dB 1.5:1 Vert./Horiz.	44 Deg. 39 Deg. 20 dB 1.5:1 Vert./Horiz.
Ground	DC Ground 13.5" x 42" x 17" 9	DC Ground 3.42' 2.75	DC Ground 3.42' 3.9	DC Ground 38" 1.5
	125 1.30 52 Not Specified	100 0.287 Not Specified Not Specified	125 0.4 Not Specified Not Specified	125 0.25 Not Specified Not Specified
emale ter e -1 Mount o 1-5/8" pipe ars	None Jumper Pigtail w/ N Male V-bolts N/A 1 Year	None Jumper 1' RG58 w/ N Female V-bolts For 1.25-2" pipe 2 Years	None Jumper 1' RG58 w/ N Female U-bolts For 1.25-2" pipe 2 Years	None Jumper 8" Pigtail w/ N Female U-bolts Up to 2-1/8" pipe 1 Year
65 896-970 .20 $73.55 $70.66 kg. $67.78	**91046** 942-960 $670.00 $505.85 18 lb. $495.80 8.18 kg. $485.75	**59302** 896-940 $109.00 $98.10 4 lb. $92.65 1.82 kg. $89.38	**31299** 896-940 $159.00 $143.10 3 lb. $135.15 1.36 kg. $130.38	**19040** 928-960 $112.00 $80.64 8 lb. $78.40 3.64 kg. $76.16

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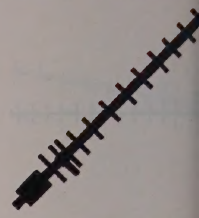
896-960 MHz Yagi/Corner Reflector [342-54]

Manufacturer Table	Sinclair SRL-415	Astron Wireless Tech. 944-10	Telewave, Inc. ANT930Y12-WR	Telewave, Inc. ANT930Y12-RTWR
				
Type	11-Element Yagi	10-Element Yagi	12 Element Yagi	12 Element Yagi
Product Narrative	Heavy duty, 11 element yagi has been designed for high gain, superior performance and versitality in the 928-956 MHz range.	10 element yagi. 12 dB gain. No tuning required. "Ever Sealed" feed is impervious to moisture and other harsh environments.	12 element yagi. 12.2 dB directional gain. Rugged, heavy duty with Txylan coating to resist icing, and other hazards. Fully welded elements.	12 element yagi. 12.2 dB directio gain. Rugged, heavy duty with Tx lan coating to resist icing. N/F co nector faces down instead of parallel to boom.
General Freq. (MHz)	928-956	928-960	900-960	900-960
Bandwidth @ Rated VSWR (MHz)	28	32	60	60
Gain (dBd)	12	12	12.2	12.2
Gain (dBi)	14.15	14.15	14.40	14.40
Maximum Power Input (Watts)	125	50	500	500
H. Beamwidth	35 Deg.	40 Deg.	32 Deg.	32 Deg.
Vert. Beamwidth	33 Deg.	37 Deg.	34 Deg.	34 Deg.
Front to Back Ratio (dB)	20 dB	16 dB	26 dB	26 dB
VSWR	1.5:1	1.5:1	1.5:1	1.5:1
Polarization	Vert./Horiz.	Vertical or Horizontal	Vertical	Vertical
Lightning Prot.	DC Ground	DC Ground	DC Ground	DC Ground
Size (HxWxD")	37.5" x 6.4"	3.42'	3.6' x 6"	3.6' x 6"
Weight	2.7	2.75	5	5
Rated Wind Velocity (MPH)	200	100	175	175
Wind Load, (sq ft)	0.20	0.287	0.58	0.58
Lateral Thrust @ RWV (lbs)	32	Not Specified	23.2 Lbs.	23.2 Lbs.
Bending Moment @ RWV (ft lbs)	49	Not Specified	Not Specified	Not Specified
Connector (direct)	None	None	N Female	N Female
Connector Placement	Jumper	Jumper	Center	Center
Jumper Included	Pigtail w/ N Male	1' RG58 w/ N Female	None	None
Mount Hdw. Incl.	Clamp set	V-bolts	Clamps set	Clamps set
Incl. Hardware Fits	For 1.5-2.4" pipe	For 1.25-2" pipe	For 1-2.5" pipe	For 1-2.5" pipe
Warranty	2 Years	2 Years	1 Year	1 Year
TESSCO Part No.	**45218** 928-956	**97695** 928-960	**49608** 900-960	**73462** 900-960
List Price: T-1 Price:	$320.00 $265.60	$109.00 $98.10	$520.00 $403.00	$578.00 $447.95
Ship lb.: T-2 Price:	11 lb. $252.80	3.25 lb. $92.65	8 lb. $395.20	7 lb. $439.28
Ship kg.: T-3 Price:	5.00 kg. $243.20	1.48 kg. $89.38	3.64 kg. $387.40	3.18 kg. $430.61

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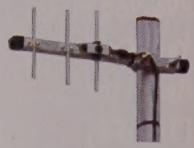
Celwave 8-D2	Astron Wireless Tech. 944-15	Scala Electronic Corp. MF-900B	Sinclair SRL-460-2	Astron Wireless Tech. 918-3
				
Stack Yagi	15-Element Yagi	Miniflector	Parabolic Reflector	Directional Yagi
ck, 9 element yagis. Two radi- elements each radome sed. May be horizontally or cally polarized. Broadband for ing.	15 element yagi. 13 dB gain. No tuning required. "Ever Sealed" feed is impervious to moisture and other harsh environments.	The "Miniflector" is a 14 dB medium gain parabolic antenna for spread spectrum, GSM and similar wideband requirements. Features heavy duty construction for maximum reliability in severe environments.	Broadband parabolic cylinder reflector with a dipole reflector assembly, back firing primary radiator.	3 element yagi. 5dB gain. No tuning required. "Ever Sealed" feed is impervious to moisture and other harsh environments.
960	928-960 32 13 15.15 50	890-960 70 14 16 100	806-960 70 15 17.15 75	902-928 26 5 7.1 50 Watts
eg. eg. 3 /Horiz.	34 Deg. 32 Deg. 16 dB 1.5:1 Vertical or Horizontal	30 Deg. 16 Deg. >23 dB < 1.5:1 Vert./Horiz.	26 Deg. 16 Deg. 25 dB 1.5:1 Vertical	130 Deg. 70 Deg. 16 dB 1.5:1 Vertical or Horizontal
Ground 23" x 34.9" s.	DC Ground 5' 3	DC Ground 47 x 18 x 16 " 13 lb	DC Ground 49.5" x 23" 21	DC Ground 1.1' 1.0
Specified	100 0.40 Not Specified Not Specified	100 2.66 sq ft (Flat plate) Not Specified Not Specified	100 2.43 246 49	150 0.11 N/A N/A
male om e ral Plate w/U-bolts rs	None Jumper 1' RG58 w/ N Female U-Bolts. For 1.25-2" pipe 2 Years	N Female Not Specified No N/A 5 Years	None Jumper Pigtail w/ N Male Clamp set For 2.9" pipe 2 Years	None Jumper 1' RG58 w /N Female U-bolts 2 Years
62 880-960 MHz .00 $525.78 lb. $517.50 kg. $507.15	**29326** 928-960 $149.00 $134.10 5 lb. $126.65 2.27 kg. $122.18	**79117** 890-960 $523.00 $523.00 20 lb. $523.00 9.09 kg. $523.00	**93078** 890-960 $1,088.00 $903.04 45 lb. $859.52 20.45 kg. $826.88	**75014** 902-928 $74.00 $66.60 2 lb. $62.90 0.91 kg. $60.68

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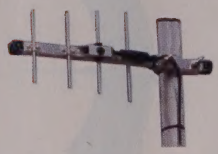
896-960 MHz Yagi/Corner Reflector [342-54]

Manufacturer Table	Astron Wireless Tech. 918-4	Astron Wireless Tech. 918-6	Astron Wireless Tech. 918-10H	Astron Wireless Tech. 918-10
				
Type	Directional Yagi	Directional Yagi	Directional Yagi	Directional Yagi
Product Narrative	4 element yagi. 7dB gain. No tuning required. "Ever Sealed" feed is impervious to moisture and other harsh environments.	6 element yagi. 9dB gain. No tuning required. "Ever Sealed" feed is impervious to moisture and other harsh environments.	Heavy Duty, 12dB, 10 element, excellent all weather performance, full 1" square tube boom, "Ever-Sealed", balanced feed system.	12dB, 10 element, Sealed "Ant Feed", no tuning required, rug square boom construction, pe mance and durability.
General Freq. (MHz)	902-928	902-928	902-928	902-928
Bandwidth @ Rated VSWR (MHz)	26	26	26	26
Gain (dBd)	7	9	12	12
Gain (dBi)	9.1	11.1	14.1	14.1
Maximum Power Input (Watts)	50 Watts	50 Watts	50 Watts	50 Watts
H. Beamwidth	83 Deg.	64 Deg.	36 Deg.	36 Deg.
Vert. Beamwidth	59 Deg.	51 Deg.	34 Deg.	34 Deg.
Front to Back Ratio (dB)	14 dB	16 dB	16dB	16 dB
VSWR	1.5:1	1.5:1	1.5:1	1.5:1
Polarization	Vertical or Horizontal	Vertical or Horizontal	Vertical or Horizontal	Vertical or Horizontal
Lightning Prot.	DC Ground	DC Ground	DC Ground	Isolated Ground
Size (HxWxD")	1.33'	2.0'	1.25'	3.42'
Weight	1.0	1.2	3.90	2.75
Rated Wind Velocity (MPH)	150	100	125	100
Wind Load, (sq ft)	0.12	0.17	N/A	0.287
Lateral Thrust @ RWV (lbs)	N/A	N/A	N/A	N/A
Bending Moment @ RWV (ft lbs)	N/A	N/A	N/A	N/A
Connector (direct)	None	None	None	None
Connector Placement	Jumper	Jumper	Jumper	Jumper
Jumper Included	1' RG58 w /N Female	1' RG58 w /N Female	1' RG58 w /N Female	1' RG58 w /N Female
Mount Hdw. Incl.	U-Bolts.	U-Bolts.	U-Bolts.	U-Bolts.
Incl. Hardware Fits				
Warranty	2 Years	2 Years	2 Years	2 Years
TESSCO Part No.	**48586** 902-928	**73765** 902-928	**44513** 902-928	**85730** 902-928
List Price: T-1 Price:	$79.00 $71.10	$89.00 $80.10	$159.00 $143.10	$109.00 $98.10
Ship lb.: T-2 Price:	2 lb. $67.15	2 lb. $75.65	4 lb. $135.15	2.5 lb. $92.65
Ship kg.: T-3 Price:	0.91 kg. $64.78	0.91 kg. $72.98	1.82 kg. $130.38	1.14 kg. $89.38

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ncraft/Signals 013N	Manufacturer Table	ARC Wireless Solutions DLAVR14	ARC Wireless Solutions DLAVR16	ARC Wireless Solutions DLAVR14D0806D
	Dual Band Cellular and PCS Panel [342-55]			
ctional Yagi	Type	Panel	Panel	Panel
lement yagi antenna for spread trum systems. 13 dB gain.	Product Narrative	Dual PCS/Cellular base station panel antenna with a 80 Degree beamwidth. Compact size is helpful where site zoning is an issue. Consistent PCS and cellular horizontal beamwidth.	Dual PCS/Cellular base station panel antenna with 90 Degree beamwidth. This DualBASE Series antenna optimizes PCS and cellular site co-location.	Dual PCS/Cellular base station panel antenna with a 80 Degree beamwidth. Compact size is helpful where site zoning is an issue. Consistent PCS and cellular horizontal beamwidth. 6 Degree Downtilt version.
928	General Freq. (MHz)	824-896/1880-1990	824-896/1880-1990	824-896/1880-1990
	Gain (dBd)	10/12.1	12.0/14.0	12.1
	Gain(dBi)	12.1/14.2	14.1/16.1	14.2
	Bandwidth @ Rated VSWR (MHz)	<1.4:1	72/110	72/110
Watts	Maximum Power Input (Watts)	300/150	300/150	300/150
eg.	H. Beamwidth		90	
eg.	Vert. Beamwidth	33/14	15/7	33/14
B	Downtilt (deg)	None	0	6
	Front to Back Ratio (dB)	>25/35	>25/>30	>25/>33
ical	VSWR @ 50 ohms	<1.4:1	<1.4:1	<1.4:1
Ground	Polarization	Vertical	Vertical	Vertical
	Intermodulation		<-153	
	Null Fill	none	none	none
	Sidelobe Suppression (dB)			
	Lightning Prot.	DC Ground	DC Ground	DC Ground
	Size (HxWxD")	32x15x11"	65x8x12"	32x15x11
	Weight	20	22	20
	Rated Wind Velocity (RWV)	125	125	125
	Wind Load, (sq ft)	2.1	3.1	2.1
	Lateral Thrust @ RWV (lbs)			125
	Bending Moment (ft lbs)			
e	Connector (direct)	7/16 DIN Female	7/16 DIN Female	7/16 DIN Female
er	Jumper Included	none	None	None
emale	Connector Placement	Back	Back	Rear
olts.	Mount Hdw. Incl.	BRT-048-S	BRT-048-S	BRT-048S
	Incl. Hardware Fits	1.5-5" OD Pipe	1.5-5" OD Pipe	1.5-5" OD Pipe
ars	Opt. Pipe Clamps			
	Opt. Downtilt Bracket			
	Warranty	5 Years	5 Years	5 Years
10 902-928	**TESSCO Part No.**	**481305** NEW 824-896/1880-1990	**460380** NEW 824-896/1880-1990	**420336** NEW 824-896/1880-1990
.00 $103.68	List Price: T-1 Price:	$1,580.00 $1,042.80	$1,450.00 $957.00	$1,380.00 $910.80
$100.80	Ship lb.: T-2 Price:	19.9 lb. $1,011.20	22 lb. $928.00	19.9 lb. $883.20
kg. $97.92	Ship kg.: T-3 Price:	9.04 kg. $979.60	10.00 kg. $899.00	9.04 kg. $855.60

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Manufacturer	Table	ARC Wireless Solutions	Manufacturer	Table	Astron Wireless Tech.	Antenna Specialists
		DLVAR17D0800D			VG-1900	ASPM2972
Dual Band Cellular and PCS Panel [342-55]			**1710-1990 MHz Fiberglass/Omni Antenna [342-56]**			
Type		Panel	Type		Fiberglass Omni	Bulkhead Mount Omni
Product Narrative		Dual PCS/Cellular base station panel antenna with 80 Degree beamwidth. Coincident horizontal beamwidth and higher PCS gain to equalize dual band coverage. Eases PCS and cellular site co-location.	Product Narrative		Unity gain fiberglass ant. All brass internal radiator provides clean radiation pattern. Heavy wall alum. support mast. Environmental gray for discreet install.	Omnidirectional, fiberglass fixed station antenna. 3dB gain, 10" ov all length. Bulkhead mounting. Fo PCN/PCS applications.
General Freq. (MHz)		824-896/1880-1990				
Gain (dBd)		12.2/14.7				
Gain(dBi)		14.3/16.8				
Bandwidth @ Rated VSWR (MHz)		72/110				
Maximum Power Input (Watts)		300/150				
H. Beamwidth		90	General Freq. (MHz)		1850-1990	1850-1990
Vert. Beamwidth		14/7	Bandwidth (MHz)		140	140
Downtilt (deg)			Gain (dBd)		Unity	3
Front to Back Ratio (dB)		>25/>30	Gain (dBi)		2.15	5.15
VSWR @ 50 ohms		<1.4:1	Maximum Power Input (Watts)		100	10
Polarization		Vertical	Vert. Beamwidth		60 Deg.	32 Deg.
Intermodulation			Downtilt (deg)		None	None
Null Fill			VSWR		1.5:1	1.5:1
Sidelobe Suppression (dB)			Polarization		Vertical	Vertical
			Intermodulation		N/A	N/A
			Null Fill		N/A	N/A
			Sidelobe Suppression (dB)		N/A	N/A
Lightning Prot.		DC Ground	Lightning Prot.		DC Ground	None
Size (HxWxD")		65x12x8"	Size (HxWxD")		12"	10"
Weight		20	Weight		1.5	.60
Rated Wind Velocity (RWV)		125	Rated Wind Velocity (MPH)		150	129
Wind Load, (sq ft)		4.2	Wind Load, (sq ft)		0.070	N/A
Lateral Thrust @ RWV (lbs)			Lateral Thrust @ RWV (lbs)		N/A	N/A
Bending Moment (ft lbs)			Bending Moment @ RWV (ft lbs)		N/A	N/A
Connector (direct)		7/16 DIN Female	Connector (direct)		None	N Female
Jumper Included			Connector Placement		Jumper	Bottom
Connector Placement		Back	Jumper Included		1' RG58 w/ N Female	None
Mount Hdw. Incl.		BRT-048-S	Hardware Included		V-Bolts	Bulkhead Mount
Incl. Hardware Fits		1.5-5"	Incl. Hardware Fits		For 1.25-2" pipe	N/A
Opt. Pipe Clamps			Opt. Pipe Clamp			
Opt. Downtilt Bracket						
Warranty		5 Years	Warranty		2 Years	1 Year
TESSCO Part No.		**470323** NEW 824-896/1880-1990	**TESSCO Part No.**		**96214** 1850-1990	**32218** 1850-1990
List Price:	T-1 Price:	$1,450.00 $957.00	List Price:	T-1 Price:	$129.00 $116.10	$107.50 $69.88
Ship lb.:	T-2 Price:	20 lb. $928.00	Ship lb.:	T-2 Price:	3 lb. $109.65	1.5 lb. $66.65
Ship kg.:	T-3 Price:	9.09 kg. $899.00	Ship kg.:	T-3 Price:	1.36 kg. $105.78	0.68 kg. $62.35

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Celwave 1903	Cushcraft/Signals SD1803NF	Mobile Mark, Inc. OD6-1900	RFS Celwave AOB1906	Antenna Specialists ASPM2976
glass Omni	Fiberglass Omni	Fiberglass Omni	Fiberglass Omni	Bulkhead Mount Omni
ave AOB1903 is a small low-le antenna for PCS systems lso ideal for microcell applica- in the PCS band.	All Dipole and Collinear Omnis are fully decoupled antennas built on a copper laminate and housed in 0.100 inch wall fiberglass housings.	Omnidirectional antenna w/ high impact ABS radome. Collinear design provides high efficiency and bandwidth performance.	Celwave AOB1906 is a small low-profile antenna for PCS systems and also ideal for microcell applications in the PCS band.	Omnidirectional, fiberglass fixed station antenna. 6dB gain, 24" overall length. Bulkhead mounting. For PCN/PCS applications.
-1990	1850-1990	1850-1990	1850-1990	1850-1990
	140	140 MHz	140	140
	3	3.9	6	6
	5	6	8.1	8.15
	50	100	50	10
eg.	38 Deg.	32 Deg.	9 Deg.	32 Deg.
e	N/A	N/A	None	None
		1.5:1	1.5:1	1.5:1
cal	Vertical	Vertical	Vertical	Vertical
dBc	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A
ct Ground	Direct Ground	DC Ground	Direct Ground	None
1.25"	13"	17" x 1.15"	3.3' x 1.25"	24"
Lbs.	.35 Lbs.	2.0	1.3 Lbs.	0.79
		100	150	129
		0.10	0.162	N/A
		3.0 Lbs.	15 lbs.	N/A
	N/A	1.5 Ft. Lbs.	24.1	N/A
male	N Female	N Female	N Female	N Female
om	Bottom	Bottom	Bottom	Bottom
e	None	None	None	None
T Pipe clamp	None	U Bolt/Clamp set	N295T Pipe clamp	Bulkhead Mount
			N/A	N/A
F,N295F	Sku 17262 or 89345		N230F,N295F	
ars	1 Year	2 Years	5 Years	1 Year
001 1850-1990 MHz	**54405** N Female	**27333** 1850-1900	**457008** 1850-1990 MHz	**95790** 1850-1990
.00 $297.18	$71.00 $51.12	$168.00 $117.60	$490.00 $373.38	$143.50 $93.28
. $292.50	0.5 lb. $49.70	2 lb. $109.20	8.8 lb. $367.50	0.9 lb. $88.97
kg. $286.65	0.23 kg. $48.28	0.91 kg. $105.00	4.00 kg. $360.15	0.41 kg. $83.23

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1710-1990 MHz Fiberglass/Omni Antenna [342-56]

Manufacturer Table	Antenna Specialists ASPP2936	Antenna Specialists ASPP2936G	Antenna Specialists ASPP2936E	Maxrad, Inc MFB-19008A
Type	Fiberglass Omni	Fiberglass Omni	Fiberglass Omni	PCS Omnidirectional
Product Narrative	Omnidirectional, fiberglass antenna. 6 dB gain. For PCS/PCN applications. Available with 7/16 DIN connector.	Omnidirectional, fiberglass antenna. 6 dB gain. For PCS/PCN applications. DIN female termination is on the end of a 300mm lead.	Omnidirectional, fiberglass antenna. 6 dB gain. For PCS/PCN applications. Direct 7/16 DIN female term.	Omnidirectional Base Station Antenna. U.V. stable, pultruded fiberglass radome. Allows outdoo installation even in harsh climates Vented system design. Provides reliable performance by protectin the electrical design against extreme moisture and/or temper tures. Thread relief on connector Improved accessibility for taping thus reducing installation time an improving overall effectiveness.
General Freq. (MHz)	1850-1990	1850-1990	1850-1990	1850-1990
Bandwidth (MHz)	140	140 MHz	140 MHz	140
Gain (dBd)	6	6	6	5.9
Gain (dBi)	8.15	N/A	N/A	8
Maximum Power Input (Watts)	400	400	400	25
Vert. Beamwidth	12 Deg.	12 Deg.	12 Deg.	12 Deg.
Downtilt (deg)	None	1.5"	1.5"	N/A
VSWR	1.5:1	1.5:1	1.5:1	1.5:1
Polarization	Vertical	Vertical	Vertical	Vertical
Intermodulation	N/A	N/A	N/A	
Null Fill	N/A	N/A	N/A	
Sidelobe Suppression (dB)	N/A	N/A	N/A	N/A
Lightning Prot.	DC Ground	Direct Ground	Direct Ground	N/A
Size (HxWxD")	3.16'	38"	38"	24" x 2" x 2"
Weight	6	7 Lbs.	7 Lbs.	.70
Rated Wind Velocity (MPH)	140	140 MPH	140 MPH	125
Wind Load, (sq ft)	N/A	N/A	N/A	
Lateral Thrust @ RWV (lbs)	N/A	N/A	N/A	
Bending Moment @ RWV (ft lbs)	N/A	N/A	N/A	
Connector (direct)	N Female	None	7/16 DIN Female	N Female
Connector Placement	Bottom	Bottom	Bottom	Bottom
Jumper Included	None	300mm with DIN/F	None	None
Hardware Included	ASPA320 (x2)	ASPA320 (x2)	ASPA320 (x2)	None
Incl. Hardware Fits	Up to 2.75" pipe	Up to 2.75" Pipe	Up to 2.75" Pipe	N/A
Opt. Pipe Clamp				
Warranty	1 Year	1 Year	1 Year	2 Years
TESSCO Part No.	**17888** 1850-1990	**56281** 1850-1990	**69569** 1850-1990	**59090** 1850-1990
List Price: T-1 Price:	$624.00 $468.00	$624.00 $468.00	$624.00 $468.00	$152.00 $77.52
Ship lb.: T-2 Price:	13 lb. $458.64	13 lb. $458.64	13 lb. $458.64	1 lb. $74.48
Ship kg.: T-3 Price:	5.91 kg. $449.28	5.91 kg. $449.28	5.91 kg. $449.28	0.45 kg. $71.44

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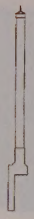
e Mark, Inc. 1900	RFS Celwave AO1909	Decibel Products DB910T3CE-M	Decibel Products DB910C Series
			
lass Omni	Fiberglass Omni	Fiberglass Omni	Fiberglass Omni
directional antenna w/ high t ABS radome. Collinear provides high efficiency and vidth performance.	Omnidirectional fiberglass antenna. Mounts on top or side of a support pipe. Invertible. UV-resistant, light grey radome.	Omnidirectional, fiberglass antenna with 3 degrees of electrical down-tilt.	Omnidirectional, fiberglass antenna. 10 dB gain. For PCS/PCN applications. Available with 7/16 DIN or N Connector.
1990 Hz	1850-1990 140 9 11.15 500	1850-1990 140 10 10 (12.1) 400	1850-1990 140 10 12.1 400
g. al	6.5 Deg. None 1.5:1 Vertical N/A N/A N/A	5 Deg. 3 Deg. 1.5:1 Vertical N/A N/A N/A	5 Deg. N/A 1.5:1 Vertical N/A N/A N/A
round 1.15"	DC Ground 5.6' x 2" 8.8 Lbs.	Direct Ground 77" 5.2 Lbs	Direct Ground 77" 9 Lbs.
s. Lbs.	125 0.914 35.7 N/A	125 MPH 1.7 20 Lbs. N/A	125 MPH 1.7 20 Lbs. N/A
nale m /Clamp set rs	7/16 DIN Female Bottom None Dual Purpose Mount N/A 5 Years	7/16 DIN Female Bottom None V-Bolts 1 Year	See Below Bottom None V-Bolts 1 Year
1 1850-1900 00 $144.20 $133.90 g. $128.75	**55735** 1850-1990 MHz $1,290.00 $982.98 8.8 lb. $967.50 4.00 kg. $948.15	**12760** 1850-1990 $1,267.00 $950.25 14 lb. $931.25 6.36 kg. $912.24	**81460** 7/16 DIN fe $1,099.00 $824.25 9 lb. $807.77 4.09 kg. $791.28

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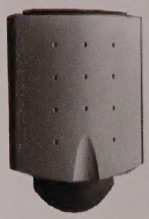
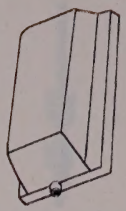
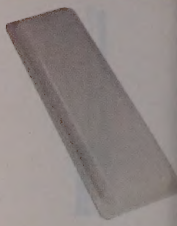
1710-1990 MHz Panel/Directional [342-57]

Manufacturer Table	Cushcraft/Signals S1857MP10SMF	Cushcraft/Signals S1857AMP10SMF	Sinclair SRL-570N	ARC Wireless Solutions PCSVR15
				
Type	Panel	Panel	Panel	Panel
Product Narrative	DirectLink Antenna ideal for PCS, MicroCell, RF data PicoCell, DECT/ Low tier PCS Wireless PBX applications.	DirectLink Antennas are ideal for Indoor/Outdoor applications for PicoCell, MicroCell, Wireless PBX, DECT, RF data collection, Low Tier PCS. Great Value.	40 degree directional panel antenna. Small size and rugged radome.	AirBASE Vertically polarized 13.1dB 65 degree panel array antenna.
General Freq. (MHz)	1850-1990	1850-1990	1850-1990	1850-1990
Bandwidth (MHz)	140 MHz	140 MHz	140	140
Gain (dBd)	5	5	9	9.9
Gain (dBi)	7	7	11.15	12.1 dBi
Maximum Power Input (Watts)	100	100	70	250
H. Beamwidth	77 deg.	77 deg.	40 Deg.	65 Deg.
Vert. Beamwidth	60 Deg.	60 Deg.	65 Deg.	30 Deg.
Downtilt (deg)			None	0 deg
Front to Back Ratio (dB)	> 12 dB	> 12 dB	20 dB	30 dB
VSWR	1.5 : 1	1.5 : 1	1.5:1	1.5:1
Polarization			Vertical	Vertical
Intermodulation	Not Specified	Not Specified	N/A	N/A
Null Fill	Not Specified	Not Specified	N/A	N/A
Sidelobe Suppression (dB)	Not Specified	Not Specified	N/A	N/A
Lightning Prot.	N/A	N/A	DC Ground	DC Ground
Size (HxWxD")	3.6"x 5.7"x 1.5"	5.8"x 3.8"x 1.5"	9" x 5"	12" x 5" x 5"
Weight	.35 lb	.35 lbs.	1	11 lbs
Rated Wind Velocity (RWV)	125 MPH	125 MPH	100	125
Wind Load, (sq ft)	Not Specified	Not Specified	0.031	1.2
Lateral Thrust @ RWV (lbs)	Not Specified	Not Specified	12	40
Bending Moment @ RWV (ft lbs)	Not Specified	Not Specified	Not Specified	Not Specified
Connector (direct)	None	SMA Female	N Female	7/16 DIN Female
Connector Placement		Back	Bottom	Back
Jumper Included	10" Pigtail/SMA Female	10" Pigtail	None	None
Mount Hdw. Incl.			Clamp set	Pole Mount
Opt. Pipe Clamp	Flat Wall Mount	N/A		
Opt. Downtilt Bracket			N/A	
Warranty	1 Year	1 Year	2 Years	5 Years
TESSCO Part No.	**39984** 1850-1990	**95664** 1850-1990	**74017** 1850-1990	**422330** NEW 1850-1990
List Price: T-1 Price:	$65.00 $46.80	$74.00 $53.28	$260.00 $215.80	$570.00 $376.20
Ship lb.: T-2 Price:	1 lb. $45.50	0.85 lb. $51.80	3 lb. $205.40	11 lb. $364.80
Ship kg.: T-3 Price:	0.45 kg. $44.20	0.39 kg. $50.32	1.36 kg. $197.60	5.00 kg. $353.40

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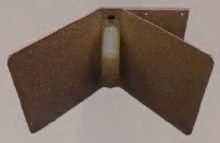
ular Specialties AY/1.85-1.99/10	Decibel Products DB974H65G-M	Mobile Mark, Inc. SCR14-1900	ARC Wireless Solutions PCSVR14	RFS Celwave AP183312
				
ement YagiS	PCS Panel	Corner Reflector	Panel	Panel
1900 MHz yagi antennas are t for use with the indoor BDA s by Cellular Specialties.	65 Degree directional panel antenna. ABS radome. For PCN, PCS, E-NETZ bands.	Single element corner reflector with 11.9dB gain. No panel assembly required.	AirBase Vertically polarized 12.9dB 90 degree panel array antenna.	CELite 33 deg. directional panel antenna. ASA radome. Microstrip feed design minimizes intermod. For PCS/DCS bands.
-1990	1710-1970 120 12.5 14.65 250	1850-1990 100 11.9 14 100	1850-1990 140 11.9 14.0 dBi 250	1710-1990 280 12 14.15 400
egree egree dB :1	65 Deg. 14 Deg. N/A 25 dB 1.5:1	35 Deg. 44 Deg. N/A 22dB	90 Deg. 7 Deg. None 28 dB 1.33:1	33 Deg. 18 Deg. None >30 dB 1.5:1
ical Specified	Vertical N/A Not Specified N/A	N/A Not Specified Not Specified	Vertical N/A N/A N/A	Vertical -160 dBc N/A N/A
ct Ground ' x 3.5" x 2" .	Direct Ground 30 x 12 x 6" 6.5 Lbs.	DC Ground 7" x 10.5" 2 Lbs.	DC Ground 53" x 12" x 8" 12 lbs	Direct Ground 11.8 x 11.8 x 2 5.3 Lbs
8 Specified Specified Specified	140 MPH 1.20 50 Not Specified	100 MPH 0.52 15.6 Lbs. 4.3 Ft. Lbs.	125 1.1 40 Not Specified	125 1.02 54 Not Specified
emale il	7/16 DIN Female Back None None	N Female None U-Bolt clamps	7/16 DIN Female Back None BRT-048-0	7/16 DIN Female Back None APM14-1
ar	1 Year	2 Years	5 Years	N/A 5 Years
373 NEW 1850-1990 .00 $115.35 $107.61 kg. $107.61	**59507** 1850-1970 $699.00 $524.25 10 lb. $513.77 4.54 kg. $503.28	**32054** 1850-1990 $197.00 $137.90 2 lb. $128.05 0.91 kg. $123.13	**459328** NEW 1850-1990 $620.00 $409.20 16 lb. $396.80 7.27 kg. $384.40	**66324** 1710-1990 MHz $473.00 $360.43 6 lb. $354.75 2.73 kg. $347.66

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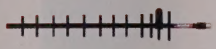
1710-1990 MHz Panel/Directional [342-57]

Manufacturer Table	Telewave, Inc. ANT1920Y12-WR	Decibel Products DB974H65N-M	Decibel Products DB799N-M	Mobile Mark, Inc. SCR11-1800
				
Type	12-Element Yagi	Panel	Directional yagi	Corner Reflector
Product Narrative	Highly directional, narrow beam yagi antenna for PCS applications. Fully protected with Txylan coating.	65 Degree directional panel antenna. ABS radome. For PCN, PCS, E-NETZ bands. Available with 7/16 DIN connector.	12.9dB/15dBi directional yagi antenna enclosed in an overall radome cover. Great for control station or point to point applications.	Directional corner reflector use for applications such as PCS, LA WAN and other high frequency applications.
General Freq. (MHz)	1850-1990	1710-1970	1850-1990	1700-1900
Bandwidth (MHz)	140	120	140 MHz	200
Gain (dBd)	12.2	12.5	12.9	8.85
Gain (dBi)	14	14.65	15	11
Maximum Power Input (Watts)	300	250	100	100
H. Beamwidth	35 Deg.	65 Deg.	23 Deg.	35 Deg
Vert. Beamwidth	30 Deg.	14 Deg.	22 Deg.	44 Deg
Downtilt (deg)	None	N/A	N/A	
Front to Back Ratio (dB)	22 dB	25 dB	18 dB	22
VSWR	1.5:1	1.5:1	1.5:1	1.5:1
Polarization	Vert./Horiz.	Vertical		Vertical
Intermodulation	N/A	N/A	Not Specified	Not Specified
Null Fill	N/A	Not Specified	Not Specified	Not Specified
Sidelobe Suppression (dB)	N/A	Not Specified	Not Specified	Not Specified
Lightning Prot.	DC Ground	DC Ground	DC Ground	DC Ground
Size (HxWxD")	3.25" x 22.6"	30 x 12 x 6"	39.5" x 6.25" x 6.25"	7" x 10.5" x 12"
Weight	1.25	6.5 Lbs.	3.0	2.0
Rated Wind Velocity (RWV)	200	140 MPH	100 MPH	
Wind Load, (sq ft)	0.2	1.20	0.7	Not Specified
Lateral Thrust @ RWV (lbs)	15	50 Lbs.	28.4 lbs.	Not Specified
Bending Moment @ RWV (ft lbs)	Not Specified	Not Specified	Not Specified	Not Specified
Connector (direct)	N Female	N Female	N Female	N Female
Connector Placement	Back	Back		
Jumper Included	None	None	None	None
Mount Hdw. Incl.	U-Bolts	None	DB390	Bracket
Opt. Pipe Clamp				
Opt. Downtilt Bracket	N/A			
Warranty	1 Year	1 Year	1 Year	1 Year
TESSCO Part No.	**29416** 1850-1990	**21114** 1850-1970	**30407** 1850-1990	**412006** 1700-1900
List Price: T-1 Price:	$186.00 $144.15	$420.00 $315.00	$570.00 $427.50	$197.00 $137.90
Ship lb.: T-2 Price:	1.5 lb. $141.36	10 lb. $308.70	16 lb. $418.95	2 lb. $128.05
Ship kg.: T-3 Price:	0.68 kg. $138.57	4.54 kg. $302.40	7.27 kg. $410.40	0.91 kg. $123.13

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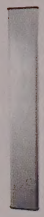
Celwave 99013	RFS Celwave APL196513-42T0	RFS Celwave APL196513-44T0	RFS Celwave AP199016-4TO	RFS Celwave AP199014-4TO
				
l	Panel	Panel	Panel	Panel
Celwave Optimizer is a log odic dipole antenna with conti-ly adjustable electrical down-This pateneted feature allows nization in the field. The Opti-r also features a high front to ratio.	The RFS Maximizer series is a log periodic dipole array which uses a patent pending design to achieve a front-to-back ratio of 45db, the highest ratio in the industry. Maximizers are available to cover ESMR, AMPS, PCS and DCS frequency ranges.	The RFS Maximizer series is a log periodic dipole array which uses a patent pending design to achieve a front-to-back ratio of 45db, the highest ratio in the industry. Maximizers are available to cover ESMR, AMPS, PCS and DCS frequency ranges.	These AP19 Series CELlite antennas have been optimized for applications in the PCS band 1850-1990 MHz. The microstripline feed system consisits of monolithic aluminum construction allowing for minimal welded joints to reduce the possibility of intermodulation problems.	These AP19 Series CELlite antennas are optimized for applications in the PCS band 1850-1990. The microstripline feed system consists of monolithic aluminum construction allowing for minimal welded joints to reduce the possibility of intermodulation problems.
-1990	1850-1990 140 13 15.1 500	1850-1990 140 13 15.1 500	1850-1990 140 15.4 17.5 400	1850-1990 140 14 16.1 400
Deg. eg. -8 (Continuous) B	65 Deg. 15 0 45 dB 1.5:1	65 Deg. 15 0 45 dB 1.5:1	90 Deg. 5 Deg. None 30 dB 1.5:1	90 Deg. 7.0 None 30 dB 1.5:1
ical dBc dB B	Vertical -143 dBc N/A N/A	Vertical -143 dBc N/A N/A	Vertical >150 dBm -18 N/A	Vertical >150 dBm N/A N/A
ct Ground x 5" x 5.2" bs.	Direct Ground 24" x 5" x 4" 6 Lbs.	Direct Ground 24" x 5" x 4" 6 Lbs.	Direct Ground 77.13" x 11.81" x 6.69" 13.2 Lbs.	Direct Ground 55.48" x 11.81" x 6.69" 9.24 Lbs.
dB Specified	125 0.83 52 Not Specified	125 0.83 52 Not Specified	125 3.94 63.2 Not Specified	125 2.8 44.4 Not Specified
DIN Female k e 121-3	7/16 DIN Female Back None Downtilt Bracket APM20-2	7/16 DIN Female Back None Fixed APM18-2	7/16 DIN Female Back None Fixed pipe bracket APM14-1	7/16 DIN Female Back None Fixed pipe bracket APM14-1
ars	N/A 5 Years	N/A 5 Years	N/A 5 Years	5 Years
116 NEW 1850-1990 MHz 25.00 $1,162.05 . $1,143.75 kg. $1,120.88	**414014** 1850-1990 MHz $880.00 $670.56 9 lb. $660.00 4.09 kg. $646.80	**488077** 1850-1990 MHz $750.00 $571.50 9 lb. $562.50 4.09 kg. $551.25	**443036** 1850-1990 MHz $816.00 $621.80 20 lb. $612.00 9.09 kg. $599.76	**476092** 1850-1990 MHz $683.00 $520.45 20 lb. $512.25 9.09 kg. $502.01

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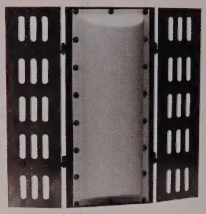
1710-1990 MHz Panel/Directional [342-57]

Manufacturer Table	RFS Celwave APV194615 Series	Cushcraft/Signals PC18513N	RFS Celwave APL199014-42T0	RFS Celwave AP199014-2T2
				
Type	Panel	Enclosed Yagi	Panel	Panel
Product Narrative	This APV194615 antenna is a field adjustable variable sector panel antenna, designed to fill multiple horizontal patterns coverage requirements of the PCS user.	Shrouded PCS directional yagi antenna. Welded elements. Bonded, sealed, UV-stable radome.	The Celwave Maximizer is a log periodic dipole array which uses a patent pending design to achieve a front-to-back ratio of 45db, the highest ratio in the industry.	These AP19 Series CELite anten nas are optimized fo rapplication in the PCS band 1850-1990. The microstripline feed system consi of monolithic aluminum construc tion allowing for minimal welded joints to reduce the possibility o intermodulation problems.
General Freq. (MHz)	1850-1990	1850-1990	1850-1990	1850-1990
Bandwidth (MHz)	140	140	140	140
Gain (dBd)	13.5	13	14	14
Gain (dBi)	15.6	15	16.1	16.1
Maximum Power Input (Watts)	50	200	500	400
H. Beamwidth	Variable	34 Deg.	90 Deg.	90 Deg.
Vert. Beamwidth	14 Deg.	30 Deg.	7 Deg.	7.5
Downtilt (deg)	None	None	Downtilt APM21-3	-2
Front to Back Ratio (dB)	35 dB	20 dB	45	30 dB
VSWR	1.5:1	1.5:1	1.5:1	1.5:1
Polarization	Vertical	Vertical	Vertical	Vertical
Intermodulation	-143 dBc	N/A	-143 dBc	>150 dBm
Null Fill	N/A	N/A	> -15	N/A
Sidelobe Suppression (dB)	N/A	N/A	> -18	N/A
Lightning Prot.	Direct Ground	DC Ground	Direct Ground	Direct Ground
Size (HxWxD")	21.5" x 11.2" x 2"	26" x 0.725"	48" x 4" x 4"	51.2 x 7.8 x 2.0
Weight	10.7 Lbs.	1	8 Lbs.	9.24 Lbs.
Rated Wind Velocity (RWV)	100	125	125	125
Wind Load, (sq ft)	1.67	0.4	1.0	2.8
Lateral Thrust @ RWV (lbs)	54.6	Not Specified	53.3	44.4
Bending Moment @ RWV (ft lbs)	Not Specified	Not Specified	Not Specified	Not Specified
Connector (direct)	7/16 DIN Female	None	7/16 DIN Female	7/16 DIN Female
Connector Placement	Back	Jumper	Back	Back
Jumper Included	None	Pigtail w/ N Female	None	None
Mount Hdw. Incl.	See Below	Clamp set (will fit up to 2 1/8" diameter mast pipe)	Downtilt bracket (APM21-3)	APM13-1
Opt. Pipe Clamp		N/A	N/A	
Opt. Downtilt Bracket	N/A	N/A	N/A	Included
Warranty	5 Years	2 Years	5 Years	5 Years
TESSCO Part No.	**421041** Fixed Pipe Bracket	**34653** 1850-1990	**436094** 1850-1990 MHz	**482046** 1850-1990 MHz
List Price: T-1 Price:	APM18-1	$196.00 $141.12	$926.00 $705.62	$813.00 $619.51
Ship lb.: T-2 Price:	$1,090.00 $830.58	3 lb. $137.20	17 lb. $694.50	20 lb. $609.75
Ship kg.: T-3 Price:	16.5 lb. $817.50	1.36 kg. $133.28	7.73 kg. $680.61	9.09 kg. $597.56
	7.50 kg. $801.15			
	478078 Downtilt Bracket			
	APM20-3			
	$1,220.00 $929.64			
	16.5 lb. $915.00			
	7.50 kg. $896.70			

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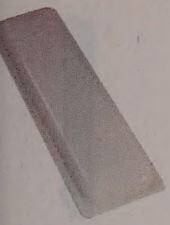
Wireless Solutions VR15065140D	Allgon Telecom 7184.40	Allgon Telecom 7208.42	Decibel Products DB972H30N-M	EMS Wireless FR90-16 Series
				
l	Panel	Panel	Panel	DualPol Panel
ASE Vertically polarized HB 65 degree panel array nna.	PCS sector antenna. Subject to extensive electrical and environmental testing. Nullfill provides excellent coverage in the near zone. No Downtilt version.	PCS sector antenna. Subject to extensive electrical and environmental testing. Nullfill provides excellent coverage in the near zone. Downtilt version.	30 Degree directional panel antenna. ABS radome. For PCN, PCS, E-NETZ bands.	90 Degree 1850-1990 MHz panel antenna. Slant 45 polarization diversity. Low passive intermodulation. 2 antennas in 1 radome with rugged construction and stress free design assures long term reliability. Opti-Fill antennas provide improved signal coverage within the cell and reduce co-channel interference.
-1990 dBi	1850-1990 140 14.5 16 400	1850-1990 140 14 16 400	1850-1990 140 13.5 15.6 dBi 250	1850-1990 140 13.4 15.5 250
eg. eg. g B	90 Deg. 6.5 Deg. None 27 dB 1.3:1	105 Deg. 6.5 Deg. 2 24 dB 1.3:1	30 Deg. 30 Deg. None 40 dB 1.5:1	90 Deg. 7 Deg. See Below 25 dB 1.35:1
cal	Vertical -146 dBc <23 dB >18 dB	Vertical -146 dBc N/A >18 dB	Vertical N/A N/A N/A	Slant 45 deg -147 dBc >20dB <18 dB
Ground 12" x 8" s	DC Ground 51.2" x 5.5" x 3.1" 11.2	DC Ground 51.2" x 5" x 3.3" 11.2	DC Ground 16" x 17" x 11" 9 lbs	Chassis Ground 56"x 8"x 2.75" 18.0
  Specified	156 1.8 Not Specified Not Specified	156 1.9 25 Not Specified	125 1.0 40 Not Specified	150 3.1 sq ft 179 Not Specified
DIN Female e 048-0 rs	7/16 DIN Female Bottom None 7456.00 Tilt Bracket preattached N/A 7456.00 1 Year	7/16 DIN Female Bottom None 7456.00 Tilt Bracket Premounted N/A 7456.00 1 Year	N Female Bottom None DB392 w/ band clamp DB5095 1 Year	7/16 DIN Female Middle None MTG-P00-10 Swivel or Cluster Mech 10,15 deg 5 Years
314 NEW 1850-1990 .00 $382.80 , $371.20 kg. $359.60	**36478** 1850-1990 $638.35 $574.50 15 lb. $542.59 6.82 kg. $510.67	**17785** 1850-1990 $675.00 $607.50 13 lb. $573.75 5.91 kg. $540.00	**39324** 1850-1990 $515.00 $386.25 9 lb. $378.53 4.09 kg. $370.80	**59100** NEW 0 Degree DT **97493** 2 Degree DT $1,296.00 $1,030.32 18 lb. $997.92 8.18 kg. $933.12

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1710-1990 MHz Panel/Directional [342-57]

Manufacturer Table	EMS Wireless FV90-16 Series	Decibel Products DB978H90T2E-M	RFS Celwave APL199014-44TO	Decibel Products DB978H90T2R-M
Type	Panel	Panel	Panel	Panel
Product Narrative	90 Degree 1850-1990 MHz panel antenna. Low passive intermodulation. 2 antennas in 1 radome with rugged construction and stress free design assures long term reliability. OptiFill antennas provide improved signal coverage within the cell and reduce co-channel interference.	90 deg. panel antenna. Nullfill and upper side lobe suppression. 2 degree electrical downtilt. Incl. mounting clamps for up to 4" pipe. 7/16 DIN at bottom.	The Maximizer series is a log periodic dipole array which uses a patent pending design to achieve a front-to-back ratio of 45dB, the highest front-to-back ratio in the industry.	90 deg. panel antenna. Nullfill an upper side lobe suppression. 2 degree electrical downtilt. Incl. mounting clamps for up to 4" pip 7/16 DIN at top
General Freq. (MHz)	1850-1990	1850-1990	1710-1990	1850-1990
Bandwidth (MHz)	140	140	140	140
Gain (dBd)	13.4	14	14	14
Gain (dBi)	15.5	16.15	16.1	16.15
Maximum Power Input (Watts)	250	250	500	250
H. Beamwidth	90 Deg.	90 Deg.	90 Deg.	90 Deg.
Vert. Beamwidth	7 Deg.	6.5 Deg.	7 Deg.	6.5 Deg.
Downtilt (deg)	See Below	2	0	2
Front to Back Ratio (dB)	25 dB	25 dB	45 dB	25 dB
VSWR	1.35:1	1.5:1	1.5:1	1.5:1
Polarization	Vertical	Vertical	Vertical	Vertical
Intermodulation	-147 dBc	N/A	-143 dBc	N/A
Null Fill	>20 dB	<18 dB	>15	<18 dB
Sidelobe Suppression (dB)	<18 dB	N/A	>18	N/A
Lightning Prot.	Chassis Ground	DC Ground	Direct Ground	DC Ground
Size (HxWxD")	56"x 8"x 2.75"	48" x 6" x 2.75"	48" x 4" x 4"	48" x 6" x 2.75"
Weight	18.0	7.1	8.0	7.1
Rated Wind Velocity (RWV)	150	165	200	165
Wind Load, (sq ft)	3.1 sq ft	2	1.0	2
Lateral Thrust @ RWV (lbs)	90	80	237	80
Bending Moment @ RWV (ft lbs)	Not Specified	Not Specified	Not Specified	Not Specified
Connector (direct)	N/DIN Fem.	7/16 DIN Female	7/16 DIN Female	7/16 DIN Female
Connector Placement	Middle	Bottom	Back	Top
Jumper Included	None	None	None	None
Mount Hdw. Incl.	MTG-P00-10	Clamp set	Downtilt Bracket APM19-2	Clamp set
Opt. Pipe Clamp	Swivel or Cluster		N/A	
Opt. Downtilt Bracket	Mech 10,15 deg	DB5098	N/A	DB5098
Warranty	5 Years	1 Year	5 Years	1 Year
TESSCO Part No.	**20707** 2 Degree DT	**65573** 1850-1990	**68420** 1850-1990 MHz	**74278** 1850-1990
List Price: T-1 Price:	**72314** 0 Degree DT	$748.00 $561.00	$796.00 $606.56	$748.00 $561.00
Ship lb.: T-2 Price:	$635.00 $504.83	12 lb. $549.78	18 lb. $597.00	12 lb. $549.78
Ship kg.: T-3 Price:	18 lb. $488.95	5.45 kg. $538.56	8.18 kg. $585.06	5.45 kg. $538.56
	8.18 kg. $457.20			

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Wireless -17 Series	ARC Wireless Solutions PCSVR16	EMS Wireless FR65-17 Series	Allgon Telecom 7184.42	ARC Wireless Solutions PCSVR17105062D
	Panel	DualPol Panel	Panel	Panel
egree 1850-1990 MHz panel na. Low passive intermodula- 2 antennas in 1 radome with d construction and stress free assures long term reliability. ill antennas provide improved coverage within the cell and e co-channel interference.	AirBase Vertically polarized 15.2dB 90 degree panel array antenna.	65 Degree 1850-1990 MHz panel antenna. Slant 45 polarization diversity. Low passive intermodulation. 2 antennas in 1 radome with rugged construction and stress free design assures long term reliability. Opti-Fill antennas provide improved signal coverage within the cell and reduce co-channel interference.	PCS sector antenna. Subject to extensive electrical and environmental testing. Nullfill provides excellent coverage in the near zone. Downtilt version.	AirBase Vertically polarized 15.6dB 105 degree panel array antenna.
1990	1850-1990 140 14.1 16.2 dBi 250	1850-1990 140 14.4 16.5 250	1850-1990 140 14.5 16 400	1850-1990 140 14.6 16.7 dBi 250
eg. . elow	90 Deg. 7 Deg. See Below 28 dB 1.5:1	65 Deg. 7 Deg. See Below 25 dB 1.35:1	90 Deg. 6.5 Deg. 2 27 dB 1.3:1	105 Deg. 6 Deg. 2 deg 25 dB 1.5:1
al dBc B B	Vertical N/A N/A N/A	DualPol -147 dBc >20dB <18 dB	Vertical -146 dBc <23 dB >18 dB	Vertical N/A N/A N/A
is Ground 3"x 2.75"	DC Ground 53" x 12" x 8" 16 lbs	Chassis Ground 56"x 8"x 2.75" 18.0	DC Ground 51.2" x 5.5" x 3" 11.2	DC Ground 65" x 12" x 8" 21 lbs
ft pecified	125 2.1 40 Not Specified	150 3.1 sq ft 90 lbs Not Specified	156 1.8 Not Specified Not Specified	125 3.0 40 Not Specified
DIN Female e P00-10 l or Cluster 10,15 deg rs	7/16 DIN Female Back None BRT-048-0 5 Years	7/16 DIN Female Middle None MTG-P00-10 Swivel or Cluster Mech 10,15 deg 5 Years	7/16 DIN Female Bottom None 7456.00 Tilt Bracket preattached N/A 7456.00 1 Year	7/16 DIN Female Back None BRT-048-0 5 Years
8 0 Degree DT 1 2 Degree DT 00 $504.83 $488.95 g. $457.20	**473379** NEW 1850-1990 0 deg. downtilt **488324** NEW 1850-1990 2 deg. downtilt **474363** NEW 1850-1990 4 deg. downtilt $450.00 $297.00 16 lb. $288.00 7.27 kg. $279.00	**45886** 0 Degree DT $1,296.00 $1,030.32 22 lb. $997.92 10.00 kg. $933.12 **84279** 2 Degree DT $1,296.00 $1,030.32 18 lb. $997.92 8.18 kg. $933.12	**441113** NEW 1850-1990 $638.50 $574.62 12.5 lb. $542.70 5.68 kg. $510.77	**414370** NEW 1850-1990 $250.00 $165.00 21 lb. $160.00 9.54 kg. $155.00

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Cellular and PCS

1710-1990 MHz Panel/Directional [342-57]

Manufacturer Table	Decibel Products DB948P85E-M	Decibel Products DB948P85E-KL	DAPA 58210	ARC Wireless Solutions PCSVR17
Type	Panel	Panel	Panel	Panel
Product Narrative	85 Degree directional panel antenna. For PCN,PCS,E-NETZ bands.	85 deg. panel antenna.	High performance PCN/PCS panel antenna, sets many standards for gain, beamwidth, front-to-back and DIN connectors.	AirBase Vertically polarized 15.6 105 degree panel array antenna.
General Freq. (MHz) Bandwidth (MHz) Gain (dBd) Gain (dBi) Maximum Power Input (Watts)	1850-1990 140 15 17.1 250	1710-1880 170 15 17.1 250	1710-1990 280 15 17.15 500	1850-1990 140 15.2 17.3 dBi 250
H. Beamwidth Vert. Beamwidth Downtilt (deg) Front to Back Ratio (dB) VSWR	85 Deg. 8 Deg. None >35 dB 1.4:1	85 Deg. 8 Deg None >35 dB 1.4:1	92 Deg. 7 Deg. 2 LT -25 dB 1.4:1	90 Deg. 6 Deg. See Below 28 dB 1.5:1
Polarization Intermodulation Null Fill Sidelobe Suppression (dB)	Vertical N/A N/A N/A	Vertical N/A N/A N/A	Vertical N/A N/A LT -15 dB	Vertical N/A N/A N/A
Lightning Prot. Size (HxWxD") Weight	DC Ground 48" x 3.5" x 6.5" 8.5	DC Ground 48" x 3.5" x 6.5" 8.5	N/A 54"x 6.3"x 2.7" 12 Lbs.	DC Ground 65" x 12" x 8" 21 lbs
Rated Wind Velocity (RWV) Wind Load, (sq ft) Lateral Thrust @ RWV (lbs) Bending Moment @ RWV (ft lbs)	125 2.08 ft 83.2 Not Specified	125 2.08 83.2 Not Specified	125 MPH 363 N front 160 N Not Specified	125 2.9 40 Not Specified
Connector (direct) Connector Placement Jumper Included Mount Hdw. Incl. Opt. Pipe Clamp Opt. Downtilt Bracket Warranty	7/16 DIN Female Bottom None Clamp set DB5098 1 Year	7/16 DIN Female Bottom None Clamp set DB5098 1 Year	7/16 DIN Female Bottom None N/A FIX 903 TB-6 2 Years	7/16 DIN Female Back None BRT-048-0 5 Years
TESSCO Part No. List Price: T-1 Price: Ship lb.: T-2 Price: Ship kg.: T-3 Price:	**19939** 1850-1990 $798.00 $598.50 16 lb. $586.53 7.27 kg. $574.56	**62803** 1710-1880 $798.00 $598.50 16 lb. $586.53 7.27 kg. $574.56	**53592** 1710-1990 $817.00 $622.56 25 lb. $612.75 11.36 kg. $600.50	**488384** NEW 1850-1990 0 deg. downtilt **429331** NEW 1850-1990 4 deg. downtilt $350.00 $231.00 20.5 lb. $224.00 9.32 kg. $217.00

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elwave 96015-44T2	RFS Celwave ALE196015-44T2	Decibel Products DB978H65T2E-M	Decibel Products DB978H65T2R-M	Decibel Products DB979H65N-M
	Panel	Panel	Panel	PCS Panel
FS Optimizer is a log periodic antenna with continuously able electrical downtilt. The izer antenna uses a patented through technology that does ly on moving metallic parts in path when the downtilt is ed.	The RFS Optimizer is a log periodic dipole antenna with continuosly adjustable electrical downtilt. This optimization is done simply and easily by turning a dial on the back of the antenna.	65 deg. panel antenna. Nullfill and upper side lobe suppression. 2 degree electrical downtilt. Incl. mounting clamps for up to 4" pipe. 7/16DIN @ bottom.	65 deg. panel antenna. Nullfill and upper side lobe suppression. 2 degree electrical downtilt. Incl. mounting clamps for up to 4" pipe. 7/16DIN @ top.	65 Degree directional panel antenna. ABS radome. For PCN, PCS, E-NETZ bands. Available with 7/16 DIN connector.
1990	1710-1990 140 15 17.14 250	1850-1990 140 15.5 17.65 250	1850-1990 140 15.5 17.65 250	1710-1970 120 15.5 17.65 250
g. -8 Electrical	60 Deg. 7 Deg. -2 to -8 (Continuous) 40 dB 1.5:1	65 Deg. 6.5 Deg. 2 25 dB 1.5:1	65 Deg. 6.5 Deg. 2 25 dB 1.5:1	65 Deg. 7 Deg. N/A 25 dB 1.5:1
al Bc	Vertical -143 dBc 15 dB 20	Vertical N/A <18 dB N/A	Vertical N/A <18 dB N/A	Vertical N/A N/A N/A
Ground 5" x 6.7" .	Direct Ground 52" x 5" x 6.7" 14 Lbs.	DC Ground 48" x 6" x 2.75" 7.1	DC Ground 48" x 6" x 2.75" 7.1	Direct Ground 60 x 12 x 6 11 Lbs.
pecified	125 2.4 188 Not Specified	165 2 80 Not Specified	165 2 80 Not Specified	140 MPH 1.20 50 Lbs. Not Specified
IN Female tilt Bracket APM19-2 s	7/16 DIN Female Back None Fixed Pipe Bracket APM19-2 N/A N/A 5 Years	7/16 DIN Female Bottom None Clamp set DB5098 1 Year	7/16 DIN Female Top None Clamp set DB5098 1 Year	N Female Back None None 1 Year
59 1850-1990 MHz .00 $1,192.53 $1,173.75 g. $1,150.28	436172 1850-1990 MHz $1,565.00 $1,192.53 20 lb. $1,173.75 9.09 kg. $1,150.28	13966 1850-1990 $748.00 $561.00 12 lb. $549.78 5.45 kg. $538.56	13474 1850-1990 $665.00 $498.75 12 lb. $488.78 5.45 kg. $478.80	85935 1850-1970 $665.00 $498.75 14 lb. $488.78 6.36 kg. $478.80

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1710-1990 MHz Panel/Directional [342-57]

Manufacturer Table	Decibel Products DB980H90N-M	Decibel Products DB980H90E-M	Decibel Products DB980H90T2E-M	Decibel Products DB980H90T4E-M
Type	Panel	Panel	Panel	Panel
Product Narrative	90 Degree directional panel antenna. ABS radome. For PCN, PCS, E-NETZ bands. Available with 7/16 DIN connector.	90 Degree directional panel antenna. ABS radome. For PCN, PCS, E-NETZ bands.	90 Degree directional panel antenna. ABS radome. For PCN, PCS, E-NETZ bands.	90 Degree directional panel antenna. ABS radome. For PCN PCS, E-NETZ bands.
General Freq. (MHz)	1850-1990	1850-1990	1850-1990	1850-1990
Bandwidth (MHz)	140	140	140	140
Gain (dBd)	15.5	15	15	15
Gain (dBi)	N/A	17.15	17.15	17.15
Maximum Power Input (Watts)	250	250	250	250
H. Beamwidth	90 Deg.	90 Deg.	90 Deg.	90 Deg.
Vert. Beamwidth	5.5 Deg.	5.5 Deg.	5.5 Deg.	5.5 Deg.
Downtilt (deg)	N/A	None	2	4
Front to Back Ratio (dB)	25 dB	25 dB	25 dB	25 dB
VSWR	1.5:1	1.5:1	1.5:1	1.5:1
Polarization	Vertical	Vertical	Vertical	Vertical
Intermodulation	N/A	N/A	N/A	N/A
Null Fill	Not Specified	<18 dB	<18 dB	<18 dB
Sidelobe Suppression (dB)	Not Specified	N/A	N/A	N/A
Lightning Prot.	Direct Ground	DC Ground	DC Ground	DC Ground
Size (HxWxD")	72 x 12 x 6	60" x 6" x 2.75"	60" x 6" x 2.75"	60" x 6" x 2.75"
Weight	13.2 Lbs.	13.2	13.2	13.2
Rated Wind Velocity (RWV)	140 MPH	140	140	140
Wind Load, (sq ft)	1.20	1.20	1.20	1.20
Lateral Thrust @ RWV (lbs)	50 Lbs.	50	50	50
Bending Moment @ RWV (ft lbs)	Not Specified	Not Specified	Not Specified	Not Specified
Connector (direct)	N Female	7/16 DIN Female	7/16 DIN Female	7/16 DIN Female
Connector Placement	Back	Bottom	Bottom	Bottom
Jumper Included	None	None	None	None
Mount Hdw. Incl.	None	Clamp set	Clamp set	Clamp set
Opt. Pipe Clamp				
Opt. Downtilt Bracket	DB5098	DB5098	DB5098	DB5098
Warranty	1 Year	1 Year	1 Year	1 Year
TESSCO Part No.	**61654** 1850-1990	**48440** 1850-1990	**72678** 1850-1990	**59464** 1850-1990
List Price: T-1 Price:	$750.00 $562.50	$775.00 $581.25	$872.00 $654.00	$872.00 $654.00
Ship lb.: T-2 Price:	12 lb. $551.25	12 lb. $569.63	12 lb. $640.92	12 lb. $640.92
Ship kg.: T-3 Price:	5.45 kg. $540.00	5.45 kg. $558.00	5.45 kg. $627.84	5.45 kg. $627.84

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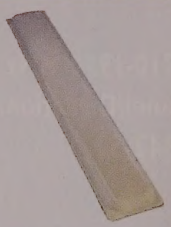
S Wireless 90-17 Series	EMS Wireless RV90-17 Series	EMS Wireless RR65-18 Series	Decibel Products DB979H65G-M	ARC Wireless Solutions PCSVR18
				
lPol Panel	Panel	DualPol Panel	PCS Panel	Panel
Degree 1850-1990 MHz panel nna. Slant 45 polarization diver- Low passive intermodulation. 2 nnas in 1 radome with rugged struction and stress free design res long term reliability. Opti- ge antennas provide maximum	90 Degree 1850-1990 MHz panel antenna. Low passive intermodulation. 2 antennas in 1 radome with rugged construction and stress free design assures long term reliability. OptiRange antennas provide maximum gain.	65 Degree 1850-1990 MHz panel antenna. Slant 45 polarization diversity. Low passive intermodulation. 2 antennas in 1 radome with rugged construction and stress free design assures long term reliability. OptiRange antennas provide maximum gain.	65 Degree directional panel antenna. ABS radome. For PCN, PCS, E-NETZ bands.	AirBase Vertically polarized 15.6dB 65 degree panel array antenna.
-1990	1850-1990 140 14.4 16.5 250	1850-1990 140 15.4 17.5 250	1710-1970 120 15.5 17.65 250	1850-1990 140 15.7 17.8 dBi 250
Deg. g. Below B :1	90 Deg. 6 Deg. See Below 25 dB 1.35:1	65 Deg. 6 Deg. See Below 25 dB 1.35:1	65 Deg. 7 Deg. N/A 25 dB 1.5:1	65 Deg. 7 Deg. See Below 32 dB 1.5:1
: 45 deg dBc	Vertical -147 dBc N/A N/A	Slant 45 deg -147 dBc N/A N/A	Vertical N/A Not Specified N/A	Vertical N/A N/A N/A
ssis Ground 8"x 2.75"	Chassis Ground 56"x 8"x 2.75" 18.0	Chassis Ground 56"x 8"x 2.75" 18.0	Direct Ground 60 x 12 x 6 11 Lbs.	DC Ground 65" x 12" x 8" 16 lbs
q feet Specified	150 3.1 sq feet 90 Not Specified	150 3.1 sq feet 90 Not Specified	140 MPH 1.20 50 Not Specified	125 2.4 40 Not Specified
DIN Female le e -P00-10	7/16 DIN Female Middle None MTG-P00-10	7/16 DIN Female Middle None MTG-P00-10	7/16 DIN Female Back None DB380 clamps	7/16 DIN Female Back None BRT-048-0
el or Cluster 10,15 deg ars	Swivel or Cluster Mech 10,15 deg 5 Years	Swivel or Cluster Mech 10,15 deg 5 Years	1 Year	5 Years
10 0 Degree DT **81** 2 Degree DT 96.00 $1,030.32 . $997.92 kg. $933.12	**30699** 0 Degree DT **33921** 2 Degree DT **37698** 4 Degree DT $635.00 $504.83 18 lb. $488.95 8.18 kg. $457.20	**96244** 0 Degree DT **44637** 2 Degree DT $1,296.00 $1,030.32 18 lb. $997.92 8.18 kg. $933.12	**34328** 1850-1970 $665.00 $498.75 14 lb. $488.78 6.36 kg. $478.80	**419351** NEW 1850-1990 0 deg. downtilt **425364** NEW 1850-1990 2 deg. downtilt **412330** NEW 1850-1990 4 deg. downtilt $240.00 $158.40 16 lb. $153.60 7.27 kg. $148.80

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1710-1990 MHz Panel/Directional [342-57]

Manufacturer Table	ARC Wireless Solutions PCSVR18033140D	Antel International BSA-185090/10	Andrew Corporation PCS-09014-0DM	RFS Celwave APL196516-42T0
Type	Panel	Panel	Panel	Panel
Product Narrative	AirBase Vertically polarized 15.6dB 105 degree panel array antenna.	Sector panel aluminum alloy antenna with fiberglass radome. Features single-piece, watercut brass feedline assembly, non-collinear air insulated system for all radiating elements.	High Performance PCS sector antenna sets many standards with durabiltiy and being reliable. 100% VSWR testing with excellent pattern performance.	The Celwave Maximizer series i log periodic dipole array which u a patent pending design to achiev front-to-back ratio of 45db, the highest ratio in the industry.
General Freq. (MHz)	1850-1990	1850-1990	1710-1990	1850-1990
Bandwidth (MHz)	140	140	280	140
Gain (dBd)	15.7	15	13.9	13
Gain (dBi)	17.8 dBi	18	16.1	15.14
Maximum Power Input (Watts)	250	250	500	500
H. Beamwidth	33 Deg.	65 Deg.	90 Deg.	Variable
Vert. Beamwidth	14 Deg.	6 Deg.	7 Deg.	14 Deg.
Downtilt (deg)	None	0 or 2	N/A	None
Front to Back Ratio (dB)	32 dB	28 (avg +/- 30 deg)	LT -25 dB	45 dB
VSWR	1.5:1	<=1.4:1	1.4:1	1.5:1
Polarization	Vertical	Vertical	Vertical	Vertical
Intermodulation	N/A	Not Specified	N/A	-143 dBc
Null Fill	N/A	10%	N/A	N/A
Sidelobe Suppression (dB)	N/A	20	LT -15 dB	N/A
Lightning Prot.	DC Ground	Direct Ground	N/A	DC Ground
Size (HxWxD")	24" x 17" x 11"	60.2x6.3x2.0	54 X 12 X 10	24" x 5" x 4"
Weight	12 lbs	7.6	9 Lbs.	6.0 Lbs.
Rated Wind Velocity (RWV)	125	>168	98 MPH	125 mph
Wind Load, (sq ft)	1.7	1.64	480 N front	0.67
Lateral Thrust @ RWV (lbs)	40	Not Specified	190 N	42
Bending Moment @ RWV (ft lbs)	Not Specified	Not Specified	Not Specified	Not Specified
Connector (direct)	7/16 DIN Female	Elongated N Female	7/16 DIN Female	7/16 DIN Female
Connector Placement	Bottom	Bottom	Bottom	Back
Jumper Included	None	None	None	None
Mount Hdw. Incl.	BRT-048-0	None	N/A	Downtilt Bracket APM20-3
Opt. Pipe Clamp		26799997	N/A	
Opt. Downtilt Bracket		26799999	Included..(600691A-2)	N/A
Warranty	5 Years	5 Years	3 Years	5 Years
TESSCO Part No.	**425392** NEW 1850-1990	**83075** 1850-1990	**425158** 1710-1990	**493051** 1850-1990 MHz
List Price: / T-1 Price:	$600.00 / $396.00	$775.00 / $775.00	$690.00 / $586.50	$1,030.00 / $784.86
Ship lb.: / T-2 Price:	12 lb. / $384.00	0.01 lb. / $736.25	10 lb. / $569.25	18 lb. / $772.50
Ship kg.: / T-3 Price:	5.45 kg. / $372.00	0.00 kg. / $713.00	4.54 kg. / $562.35	8.18 kg. / $757.05

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Celwave 96516-44T0	RFS Celwave APL199016-42T2	DAPA 59210	DAPA 59010	RFS Celwave APL199016-44T0
	DCS/PCS Panel Antenna	Panel	Panel	Panel
Celwave Maximizer series is a eriodic dipole array which uses nt pending design to achieve a to back ratio of 45 dB,which highest front to back ratio in dustry.	The Maximizer series is a log periodic dipole array which uses a patent pending design to achieve a industry high front to back ratio of 45dB.	High performance PCN/PCS panel antenna, sets many standards for gain, beamwidth, front-to-back and DIN connectors.	High performance PCN/PCS panel antenna, sets many standards for gain, beamwidth, front-to-back and DIN connectors.	The Celwave Maximizer series is a log periodic dipole array which uses a patent pending design to achieve a front-to-back ratio of 45 db, the highest ratio in the industry.
1990	1710-1990 140 16 18.1 500	1710-1990 280 16.4 18.55 500	1710-1990 280 16.4 18.55 500	1850-1990 140 16 18.1 500
g.	90 Deg. 4 -2 45 1.5:1	92 Deg. 5.5 Deg. 2 LT -25 dB 1.4:1	92 Deg. 5.5 Deg. 0 LT -25 dB 1.4:1	90 Deg. 4 None 45 dB 1.5:1
al IBc	Vertical -143 dBc >-15 >-18	Vertical N/A N/A LT -15 dB	Vertical N/A N/A LT -15 dB	Vertical -143 dBc 18 N/A
Ground " x 4" .	Direct Ground 72" x 4" x 5" 10 Lbs.	N/A 71"x 6.3"x 2.7" 16 Lbs.	N/A 71"x 6.3"x 2.7" 16 Lbs.	Direct Ground 72" x 5" x 4" 10 Lbs.
pecified pecified	125 1.5 100 Not Specified	125 MPH 510 N front 217 N Not Specified	125 MPH 510 N front 217 N Not Specified	125 1.50 60.0 Not Specified
IN Female Pipe APM19-2 s	7/16 DIN Female Back None Downtilt Bracket APM21-5 N/A N/A 5 Years	7/16 DIN Female Bottom None N/A FIX 903 TB-9 2 Years	7/16 DIN Female Bottom None N/A FIX 903 TB-9 2 Years	7/16 DIN Female Back None Fixed APM19-2 N/A 5 Years
24 1850-1990 MHz 00 $685.80 $675.00 g. $661.50	78219 1850-1990 MHz $1,120.00 $853.44 18 lb. $840.00 8.18 kg. $823.20	57716 1710-1990 $1,014.00 $772.67 18 lb. $760.50 8.18 kg. $745.29	71239 1710-1990 $1,043.00 $794.77 18 lb. $782.25 8.18 kg. $766.61	411048 1850-1990 MHz $990.00 $754.38 18 lb. $742.50 8.18 kg. $727.65

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1710-1990 MHz Panel/Directional [342-57]

Manufacturer Table	Allgon Telecom 7200.44	DAPA 48010	Andrew Corporation PCS-09015-2DM	RFS Celwave ALE199013-44T2
Type	Panel	Panel	Panel	Panel
Product Narrative	Sector Antenna for 1900 MHz. Subject to extensive electrical and environmental testing. Nullfill provides excellent coverage in the near zone. Downtilt version	High performance PCN/PCS panel antenna, sets many standards for gain, beamwidth, front-to-back and DIN connectors.	High Performance PCS sector antenna sets many standards with durabiltiy and being reliable. 100% VSWR testing with excellent pattern performance.	The RFS Optimizer is a log peri dipole antenna with continousl adjustable electrical downtilt. T pateneted feature allows optim tion in the field. The Optimizer features a high front to back ra
General Freq. (MHz)	1850-1990	1710-1990	1710-1990	1850-1990
Bandwidth (MHz)	140	280	280	140
Gain (dBd)	16	16.6	16.5	13
Gain (dBi)	18	18.75	16.5	15.1
Maximum Power Input (Watts)	400	500	500	500
H. Beamwidth	90 Deg.	63 Deg.	90 Deg.	90 Deg.
Vert. Beamwidth	5 Deg.	7 Deg.	7 Deg.	7 Deg.
Downtilt (deg)	See Below	0	2	-2 to -8 (Continuous)
Front to Back Ratio (dB)	>27 dB	LT -30 dB	LT -25 dB	40 dB
VSWR	<1.3:1	1.4:1	1.4:1	1.5:1
Polarization	Vertical	Vertical	Vertical	Vertical
Intermodulation	-143 dBc	N/A	N/A	-143 dBc
Null Fill	>16 dB	N/A	N/A	>-15 dB
Sidelobe Suppression (dB)	>18 dB	LT -15 dB	LT -15 dB	N/A
Lightning Prot.	DC Ground	N/A	N/A	DC Ground
Size (HxWxD")	72.4" x 5" x 3.3"	54"x 8.7"x 2.7"	58 x 7 x 4	48 x 5 x 5.2
Weight	24	19 Lbs.	22 Lbs.	13 Lbs.
Rated Wind Velocity (RWV)	156	125 MPH	117 MPH	125
Wind Load, (sq ft)	2.5	485 N front	480 N front	1.7
Lateral Thrust @ RWV (lbs)	Not Specified	190 N	190 N	106
Bending Moment @ RWV (ft lbs)	Not Specified	Not Specified	Not Specified	Not Specified
Connector (direct)	7/16 DIN Female	7/16 DIN Female	7/16 DIN Female	7/16 DIN Female
Connector Placement	Bottom	Bottom	Bottom	Back
Jumper Included	None	None	None	None
Mount Hdw. Incl.	Pole mount and tilt bracket	N/A	N/A	Fixed Pipe Bracket APM19-1
Opt. Pipe Clamp	N/A	FIX 903	N/A	N/A
Opt. Downtilt Bracket	7456.00	TB-6	Included..(600691A-2)	N/A
Warranty	1 Year	2 Years	3 Years	5 Years
TESSCO Part No.	**426358** NEW 4 Degree DT	**37825** 1710-1990	**454116** 1710-1990	**438053** 1850-1990 MHz
List Price: T-1 Price:	$650.15 $585.12	$911.00 $694.19	$758.00 $644.30	$1,395.00 $1,062.99
Ship lb.: T-2 Price:	13 lb. $552.62	24 lb. $683.25	22 lb. $625.35	20 lb. $1,046.25
Ship kg.: T-3 Price:	5.91 kg. $520.11	10.91 kg. $669.59	10.00 kg. $617.77	9.09 kg. $1,025.33

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Vireless 18 Series	Allgon Telecom 7182 Series	Sinclair SP-50S-090-16D	Antel International BSA-185065/10	Antel International BSA-185090/12
	Panel	Panel	Panel	Panel
gree 1850-1990 MHz panel a. Low passive intermodula- antennas in 1 radome with construction and stress free assures long term reliability. ange antennas provide maxi- gain.	PCS sector antenna. Subject to extensive electrical and environmental testing. Nullfill provides excellent coverage in the near zone. Downtilt version.	90 deg. panel Antenna for PCS applications. Paintable finish. Parcel Shippable.	Sector panel aluminum alloy antenna with fiberglass radome. Features single-piece, watercut brass feedline assembly, non-collinear air insulated system for all radiating elements.	Sector panel aluminum alloy antenna with fiberglass radome. Features single-piece, watercut brass feedline assembly, non-collinear air insulated system for all radiating elements.
990	1850-1990 140 16 18 400	1850-1990 140 13.7 15.8 300	1850-1990 140 16 18 250	1850-1990 140 16 18 250
g. low	65 Deg. 6.5 Deg. See Below 30 dB 1.3:1	90 Deg. 7 Deg. 0 LT 30 dB 1.4:1	65 Deg. 6 Deg. 0 or 2 32.3 (avg +/- 30 deg) <=1.4:1	90 Deg. 5 Deg. 0 or 2 28 (avg +/- 30 deg) <=1.4:1
l Bc	Vertical -146 dBc >-23 dB >-18 dB	Vertical -155 dBc LT -20 dB LT 17 dB	Vertical Not Specified 10% 20	Vertical Not Specified 10% 19
s Ground "x 2.75"	DC Ground 51.3" x 5" x 3.1" 19	DC Ground 49.6 x 7.6 x 2.3" 14.5 Lbs.	Direct Ground 60.2x6.3x2.0 9.1	Direct Ground 70.9x3.9x2.0 9.1
feet ecified	156 1.8 25 Not Specified	110 MPH 2.6 sq ft. 114 Lbs. Not Specified	>138 2.47 Not Specified Not Specified	>143 1.94 Not Specified Not Specified
IN Female 900-10 or Cluster 0,15 deg s	7/16 DIN Female Bottom None Integrated downtilt mount 2165.0000 Included 1 Year	7/16 DIN Female None N/A Order Sep. 2 Years	Elongated N Female Bottom None None 26799997 26799999 5 Years	Elongated N Female Bottom None None 26799997 26799999 5 Years
0 Degree DT 2 Degree DT 4 Degree DT $504.83 $488.95 $457.20	**443154** NEW 0 Degree DT $638.50 $574.62 15 lb. $542.70 6.82 kg. $510.77 **499131** NEW 2 Degree DT $638.50 $574.62 19 lb. $542.70 8.64 kg. $510.77	**12026** 1850-1990 $880.00 $730.40 14.5 lb. $695.20 6.59 kg. $668.80	**83062** 1850-1990 $775.00 $775.00 9.1 lb. $736.25 4.14 kg. $713.00	**83102** 1850-1990 $915.00 $915.00 9.1 lb. $869.25 4.14 kg. $841.80

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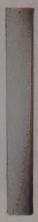
Cellular and PCS

1710-1990 MHz Panel/Directional [342-57]

Manufacturer Table	Allgon Telecom 7200.40	Antel International BSA-185065/12	Allgon Telecom 7199.42	Andrew Corporation PCS-09016-0DM
				
Type	Panel	Panel	Panel	Panel
Product Narrative	90 Degree PCS Panel antenna designed to require no tuning or modification. This asthetically pleasing antenna features verified pattern performance on 100% of the antennas along with an unmatched Front to Back ratio for all opening angles.	Sector panel aluminum alloy antenna with fiberglass radome. Features single-piece, watercut brass feedline assembly, non-collinear air insulated system for all radiating elements.	90 Degree PCS Panel antenna designed to require no tuning or modification. This aesthetically pleasing antenna features verified pattern performance on 100% of the antennas along with an unmatched Front to Back ratio for all opening angles.	High Performance PCS secto antenna sets many standards durabiltiy and being reliable. VSWR testing with excellent tern performance.
General Freq. (MHz)	1850-1990	1850-1990	1850-1990	1710-1990
Bandwidth (MHz)	140	140	140	280
Gain (dBd)	16	17	17.5	15.5
Gain (dBi)	18	19	19.5	17.7
Maximum Power Input (Watts)	400	250	400	500
H. Beamwidth	90 Deg.	65 Deg.	90 Deg.	90 Deg.
Vert. Beamwidth	5 Deg.	5 Deg.	3.2 Deg.	7 Deg.
Downtilt (deg)	See Below	0 or 2	2 deg	N/A
Front to Back Ratio (dB)	>27 dB	32.3 (avg +/- 30 deg)	>26 dB	LT -25 dB
VSWR	<1.3:1	<=1.4:1	<1.3:1	1.4:1
Polarization	Vertical	Vertical	Vertical	Vertical
Intermodulation	-143 dBc	Not Specified	-143 dBc	N/A
Null Fill	>16 dB	10%	>16 dB	N/A
Sidelobe Suppression (dB)	>18 dB	19	>17 dB	LT -15 dB
Lightning Prot.	DC Ground	Direct Ground	DC Ground	N/A
Size (HxWxD")	72.4" x 5" x 3.3"	70.9x6.3x2.0	102.4" x 5" x 3.1"	82 x 12 x 10
Weight	24	10.6	17.6	24 Lbs.
Rated Wind Velocity (RWV)	156	>127	156	117 MPH
Wind Load, (sq ft)	2.5	2.906	3.5	480 N front
Lateral Thrust @ RWV (lbs)	Not Specified	Not Specified	Not Specified	190 N
Bending Moment @ RWV (ft lbs)	Not Specified	Not Specified	Not Specified	Not Specified
Connector (direct)	7/16 DIN Female	Elongated N Female	7/16 DIN Female	7/16 DIN Female
Connector Placement	Bottom	Bottom	Bottom	Bottom
Jumper Included	None	None	None	None
Mount Hdw. Incl.	Pole mount and tilt bracket	None	Pole mount and tilt bracket	N/A
Opt. Pipe Clamp	N/A	26799997	N/A	N/A
Opt. Downtilt Bracket	7456.00	26799999	7456.00	Included..(600691A-2)
Warranty	1 Year	5 Years	1 Year	3 Years
TESSCO Part No.	**477138** 0 Degree DT	**83063** 1850-1990	**442341** NEW 1850-1990	**436166** 1710-1990
List Price: T-1 Price:	$650.15 $585.12	$915.00 $915.00	$1,345.00 $1,210.50	$860.00 $731.00
Ship lb.: T-2 Price:	18 lb. $552.62	10 lb. $869.25	18 lb. $1,143.25	22 lb. $709.50
Ship kg.: T-3 Price:	8.18 kg. $520.11	4.54 kg. $841.80	8.18 kg. $1,076.00	10.00 kg. $700.90
	462197 2 Degree DT			
	$650.15 $585.12			
	24 lb. $552.62			
	10.91 kg. $520.11			

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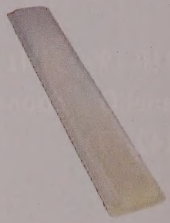
rew Corporation -06516	Sinclair SP-50S-060-17D	Sinclair SP-50S-090-17D	Allgon Telecom 7199.40	ARC Wireless Solutions PCSVR21A
				
l	Panel	Panel	Panel	Panel
Performance PCS sector nna sets many standards with biltiy and being reliable. 100% /R testing with excellent pat- performance.	60 deg. panel Antenna for PCS applications. Paintable finish. Parcel Shippable.	90 deg. panel Antenna for PCS applications. Paintable finish. Parcel Shippable.	90 Degree PCS Panel antenna designed to require no tuning or modification. This aesthetically pleasing antenna features verified pattern performance on 100% of the antennas along with an unmatched Front to Back ratio for all opening angles.	PCS Base Station panel antenna with 33 Degree beamwidth. Provides highest gain for size and beamwidth with best intermodulation performance on the market.
-1990	1850-1990 140 14.9 17.0 300	1850-1990 140 14.4 16.5 300	1850-1990 140 17.5 19.5 400	1850-1990 140 14.6 20.8 dBi 250
eg. g. Below 30 dB	60 Deg. 7 Deg. 0 LT 30 dB 1.4:1	90 Deg. 6 Deg. 0 LT 30 dB 1.4:1	90 Deg. 3.2 Deg. None >26 dB <1.3:1	33 Deg. 7 Deg. 2 deg 33 dB 1.5:1
ical 15 dB	Vertical -150 dBc LT -20 dB LT 17 dB	Vertical -155 dBc LT -20 dB LT 17 dB	Vertical -143 dBc >16 dB >17 dB	Vertical N/A N/A N/A
7 x 4 os.	DC Ground 49.6 x 7.6 x 2.3" 14.5 Lbs.	DC Ground 59.3 x 7.6 x 2.3" 17.3	DC Ground 102.4" x 5" x 3.1" 17.6	DC Ground 52" x 15" x 8" 19 lbs
MPH N front N Specified	110 MPH 2.6 sq ft. 114 Lbs. Not Specified	110 MPH 3.1 sq ft. 137 Lbs Not Specified	156 3.5 Not Specified Not Specified	125 4.2 40 Not Specified
DIN Female om e ded..(600691A-2) ars	7/16 DIN Female None N/A Order Sep. 2 Years	7/16 DIN Female None N/A Order Sep. 2 Years	7/16 DIN Female Bottom None Pole mount and tilt bracket N/A 7456.00 1 Year	7/16 DIN Female Back None BRT-048-0 5 Years
152 0 Degree DT 172 2 Degree DT .00 $586.50 $569.25 kg. $562.35	**76847** 1850-1990 $880.00 $730.40 14.5 lb. $695.20 6.59 kg. $668.80	**88812** 1850-1990 $1,040.00 $863.20 17.3 lb. $821.60 7.86 kg. $790.40	**470147** 1850-1990 $1,345.00 $1,210.50 18 lb. $1,143.25 8.18 kg. $1,076.00	**465323** NEW 1850-1990 $390.00 $257.40 13 lb. $249.60 5.91 kg. $241.80

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Manufacturer Table	Andrew Corporation PCS-06517	Cushcraft/Signals S18521PDNF	Allgon Telecom 7221.14	Manufacturer Table
1710-1990 MHz Panel/Directional [342-57]				**1710-1990 MHz Dual-Polarized Antennas [342-58]**
Type	Panel	Parabolic reflector	PCS Panel	Type
Product Narrative	High Performance PCS sector antenna sets many standards with durabiltiy and being reliable. 100% VSWR testing with excellent pattern performance.	The S18521PDNF antenna combines high performance and mechanical integrity features with versatility and fast, reliable mounting. At 21 dBi gain, it offers all of the range performance one would need even for distant links. Field adjustable for polarization and mounting hardware allows for +/- 20 degrees of elevation adjustment.	PCS sector antenna. Subject to extensive electrical and environmental testing. Nullfill provides excellent coverage in the near zone. Downtilt version.	Product Narrative
General Freq. (MHz)	1710-1990	1850-1990	1850-1990	General Freq. (MHz)
Bandwidth (MHz)	280	140	140	Bandwidth (MHz)
Gain (dBd)	16.3	19	21	Gain (dBd)
Gain (dBi)	18.5	21	23dB	Gain (dBi)
Maximum Power Input (Watts)	500	50	400	Maximum Power Input (Watts)
H. Beamwidth	65 Deg.	13 degrees	30 Deg.	H. Beamwidth
Vert. Beamwidth	5 Deg.	13 degrees	5 Deg.	Vert. Beamwidth
Downtilt (deg)	See Below	N/A	1	
Front to Back Ratio (dB)	LT -30 dB	25	>30dB	Polarization Array 1
VSWR	1.4:1	1.5:1 max	<1.3:1	Polarization Array 2
Polarization	Vertical	Linear	Linear, Vertical	Polarization Array 3
Intermodulation	N/A	N/A	<-103dBm	Isolation
Null Fill	N/A	N/A	Not Specified	Front to Back Ratio (dB)
Sidelobe Suppression (dB)	LT -15 dB	Not Specified	>20dB	
Lightning Prot.	N/A	DC ground	DC Ground	VSWR
Size (HxWxD")	77 x 7 x 4	35" diameter	78.8" x 10.6" x 2"	Intermodulation
Weight	22 Lbs.	13 lb (5.8 Kg)	22.1 pounds	Null Fill
				Sidelobe Suppression (dB)
Rated Wind Velocity (RWV)	117 MPH	120 MPH	156 mph	Lightning Prot.
Wind Load, (sq ft)	480 N front	Not Specified	5.5 square feet	Size (HxWxD")
Lateral Thrust @ RWV (lbs)	190 N	Not Specified	Not Specified	Weight
Bending Moment @ RWV (ft lbs)	Not Specified	Not Specified	Not Specified	
Connector (direct)	7/16 DIN Female	N Female	7/16 DIN Female	Rated Wind Velocity (RWV)
Connector Placement	Bottom	Rear	Bottom	Wind Load, (sq ft)
Jumper Included	None	No		Lateral Thrust @ RWV (lbs)
Mount Hdw. Incl.	N/A	Yes	N/A	Bending Moment @ RWV (ft lbs)
Opt. Pipe Clamp	N/A	Included	N/A	Connector (direct)
Opt. Downtilt Bracket	Included..(600691A-2)	Included	7254.10	Connector Placement
Warranty	3 Years	1 Year	1 Year	Jumper Included
				Mount Hdw. Incl.
				Incl. Hardware Fits
				Opt. Pipe Clamp
				Opt. Downtilt Bracket
				Warranty
TESSCO Part No.	**445177** 0 Degree DT	**447374** NEW 1850-1990	**47955** 1850-1990	**TESSCO Part No.**
List Price: T-1 Price:	**417148** 2 Degree DT	$697.20 $501.97	$1,166.70 $1,050.01	List Price: T-1 Price:
Ship lb.: T-2 Price:	$860.00 $731.00	42 lb. $488.02	22 lb. $991.67	Ship lb.: T-2 Price:
Ship kg.: T-3 Price:	22 lb. $709.50	19.09 kg. $474.08	10.00 kg. $933.34	Ship kg.: T-3 Price:
	10.00 kg. $700.90			

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-065-13D	ARC Wireless Solutions PCSDS-14-06514-0D	ARC Wireless Solutions PCSDS14	ARC Wireless Solutions PCSDS-14-09014-0D	Decibel Products DB958DD90TRE-M
ant Polarized	Dual Slant Polarized	Dual Slant Polarized	Dual Slant Polarized	TripleTree
Polarization Diversity Panel a with Paintable finish. Slant Polarized.	Dual Slant Polarized base station antenna featuring a precise pattern consistency between +45 and -45 polarization ports. The high port to port isolation and low cross polarization maximizes polarization diversity gain. Superior intermodulation performance.	eXsite Dual-slant polarized 12.2 dB 90 degree panel array antenna. See below for degree of downtilt.	Dual Slant Polarized base station antenna featuring a precise pattern consistency between +45 and -45 polarization ports. The high port to port isolation and low cross polarization maximizes polarization diversity gain. Superior intermodulation performance.	TripleTree provides one complete cell site (two antennas in each of three sectors) under one radome. For duplexed systems.
990	1850-1990 140 11.4 13.5 250	1850-1990 140 12.2 14.3 250	1850-1990 140 12.2 14.3 250	1850-1990 140 13 15.1 250
	90 Deg. 14 Deg.	65 Deg. 14 Deg.	65 Deg. 14 Deg.	90 Deg. 8 Deg.
g. . B	+45 Deg. -45 Deg. N/A >33 dB > 30 dB	+45 Deg. -45 Deg. N/A >30 dB > 30 dB	+45 Deg. -45 Deg. N/A >30 dB > 30 dB	+45 Deg. each -45 Deg. each N/A 35 dB 25 dB
c cified B	1.33:1 -147 dBc Not Specified Not Specified	1.33:1 -150 dBc Not Specified Not Specified	1.33:1 -150 dBc Not Specified Not Specified	1.5:1 Not Specified Not Specified N/A
ound .6 x 2.3"	DC Ground 29.0 x 12 x 8" 13.0 lbs	DC Ground 29.0 x 12 x 8" 14.9 lbs	DC Ground 29.0 x 12 x 8" 14.9 lbs	DC Ground 60" x 16" x 20" 130
.	125 1.4 sq ft. Not Specified N/A	125 1.3 sq ft. Not Specified N/A	125 1.3 sq ft. Not Specified N/A	135 2.9 116 Lbs N/A
N Female ep.	7/16 DIN Female Back None BRT-048-S 1.5 to 4.5" pole Order Sep. 5 Years	7/16 DIN Female Back None BRT-048-S 1.5 to 4.5" pole Order Sep. 5 Years	7/16 DIN Female Back None BRT-048-S 1.5 to 4.5" pole Order Sep. 5 Years	7/16 DIN Female Bottom None Hex bolts Base plate N/A DB5093-3* 1 Year
1850-1990 MHz $584.32 $556.16 $535.04	**448321** NEW 1850-1990 $950.00 $627.00 13 lb. $608.00 5.91 kg. $589.00	**435323** NEW 6 Degree DT **487314** NEW 4 Degree DT $700.00 $462.00 14.9 lb. $448.00 6.77 kg. $434.00	**467346** NEW 1850-1990 $700.00 $462.00 14.9 lb. $448.00 6.77 kg. $434.00	**90799** 1850-1990 MHz $7,555.00 $5,666.25 244 lb. $5,552.93 110.90 kg. $5,439.60

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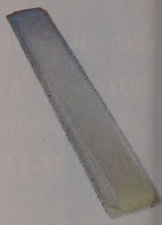
1710-1990 MHz Dual-Polarized Antennas [342-58]

Manufacturer Table	Decibel Products DB958DD90T2E-M	Decibel Products DB930DD90E-M	RFS Celwave AXE199014-52T2	ARC Wireless Solutions PCSDS16
				
Type	Dual Slant Polarized	Dual Slant Polarized	Panel	Dual Slant Polarized
Product Narrative	Diversity Master dual polarized antenna. Two antennas in a single panel radome.	Diversity Master dual polarized antenna. Two 13 dB antennas cross polarized at +45 and -45 degrees in a single panel.	The RFS Optimizer Plus is another breakthrough in base station antennas, featuring polarization diversity and patented continuous electrical downtilt in one great antenna.	eXsite Dual-slant polarized 14 90 degree panel array antenna.
General Freq. (MHz)	1850-1990	1850-1990	1710-1990	1850-1990
Bandwidth (MHz)	140	140	140	140
Gain (dBd)	13	13.4	13.5	14.1
Gain (dBi)	15.1	15.5	15.6	16.2
Maximum Power Input (Watts)	250	250	250	250
H. Beamwidth	90 Deg.	90 Deg.	90 Deg.	90 Deg.
Vert. Beamwidth	8 Deg.	7 Deg.	7 Deg.	7 Deg.
Polarization Array 1	+45 Deg.	+45 Deg.	+45 Deg.	+45 Deg.
Polarization Array 2	-45 Deg.	-45 Deg.	-45 Deg.	-45 Deg.
Polarization Array 3	N/A	N/A	N/A	N/A
Isolation	25 dB	25 dB	Not Specified	>30 dB
Front to Back Ratio (dB)	25 dB	25 dB	35 dB	> 30 dB
VSWR	1.5:1	1.5:1	1.5:1	1.33:1
Intermodulation	Not Specified	Not Specified	-143 dBc	-150 dBc
Null Fill	Not Specified	Not Specified	>-18 dB	Not Specified
Sidelobe Suppression (dB)	N/A	N/A	>20 dB	Not Specified
Lightning Prot.	DC Ground	DC Ground	Direct Ground	DC Ground
Size (HxWxD")	53" x 7" x 6"	60" x 9" x 3"	64" x 8" x 6"	53.0 x 12 x 8"
Weight	10	16	29 Lbs.	17.2 lbs
Rated Wind Velocity (RWV)	165	165	125	125
Wind Load, (sq ft)	2.0	4.0	2.8	2.8 sq ft.
Lateral Thrust @ RWV (lbs)	N/A	160 Lbs	162	
Bending Moment @ RWV (ft lbs)	N/A	N/A	N/A	N/A
Connector (direct)	7/16 DIN Female	7/16 DIN Female	7/16 DIN Female	7/16 DIN Female
Connector Placement	Bottom	Bottom	Back	Back
Jumper Included	None	None	None	None
Mount Hdw. Incl.	DB390 clamps	DB390 clamps	APM21-7	BRT-048-S
Incl. Hardware Fits	For 1.25-4.25" pipe	For 1.25-4.25" pipe	1.9" to 4.0" OD Pipe	1.5 to 4.5" pole
Opt. Pipe Clamp	N/A	N/A	N/A	Order Sep.
Opt. Downtilt Bracket	DB5098	DB5098	N/A	
Warranty	1 Year	1 Year	5 Years	5 Years
TESSCO Part No.	**69189** 1850-1990 2 Deg.	**97857** 1850-1990 MHz	**456098** 1850-1990 -2 to -8	**463373** NEW 1850-1990 MH
List Price: T-1 Price:	DT	$1,420.00 $1,065.00	(Continous) DT	**471367** NEW 1850-1990 MH
Ship lb.: T-2 Price:	$2,642.00 $1,981.50	24 lb. $1,043.70	$2,110.00 $1,607.82	Deg. DT
Ship kg.: T-3 Price:	11 lb. $1,941.87	10.91 kg. $1,022.40	36 lb. $1,582.50	**489379** NEW 1850-1990 MH
	5.00 kg. $1,902.24		16.36 kg. $1,550.85	Deg. DT
				$900.00 $594.00
				17.2 lb. $576.00
				7.82 kg. $558.00

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Antennas, Cellular & PCS

ir DS-065-17D	EMS Wireless RR90-17 Series 2	RFS Celwave AXE196515-54T2	Decibel Products DB932DD90E-M	Decibel Products DB961DD90E-M
lant Polarized	DualPol Panel	Panel/Polarization Diversity	Dual Slant Polarized	Dual Slant Polarized
, Polarization Diversity Panel na with Paintable finish. Slant Polarized.	90 Degree 1850-1990 MHz panel antenna. Slant 45 polarization diversity. Low passive intermodulation. 2 antennas in 1 radome with rugged construction and stress free design assures long term reliability. Suppressor antennas use beam shaping to suppress the upper sidelobes and distributes the energy at or below the main beam.	The RFS Optimizer Plus features polarization diversity and patented continuous electrical downtilt in one great antenna.	Diversity Master dual polarized antenna. Two 14.9 dB antennas cross polarized at +45 and -45 degrees in a single panel.	Diversity Master dual polarized antenna. Two antennas in a single panel radome.
990	1850-1990 140 14.4 16.5 250	1710-1990 140 14.5 16.6 250	1850-1990 140 14.9 17.0 250	1850-1990 140 14.9 17.0 250
.	90 Deg. 6 Deg.	65 Deg. 7 Deg.	90 Deg. 5.5 Deg.	90 Deg. 5.5 Deg.
eg. g. dB	+45 Deg. -45 Deg. >30 dB 25 dB	+45 Deg. -45 Deg. N/A 30 dB 35 dB	+45 Deg. -45 Deg. N/A 25 dB 25 dB	+45 Deg. -45 Deg. N/A 35 dB 25 dB
3c ecified dB	1.35:1 -147 dBc Not Specified Upper >18 dB	1.5:1 -143 dBc >-18 N/A	1.5:1 Not Specified Not Specified N/A	1.5:1 Not Specified Not Specified N/A
ound 7.6 x 2.3" s	Chassis Ground 54" x 6" x 3" 18	Direct Ground 64" x 8" x 6" 29 Lbs.	DC Ground 69" x 9" x 3" 18	DC Ground 77" x 7" x 6" 11
t. ;	150 3.1 sq feet 90 N/A	125 2.8 54.6 N/A	165 4.5 180 Lbs N/A	165 2.8 N/A N/A
N Female Sep.	7/16 DIN Female Middle None MTG-POO-10 1.5" to 5" Pipe Swivel or Cluster Mech 10, 15 Deg 5 Years	7/16 DIN Female (2) Back None APM19-1 1.9" to 4.0" OD Pipe N/A N/A 5 Years	7/16 DIN Female Bottom None DB390 clamps For 1.25-4.25" pipe N/A DB5098 1 Year	7/16 DIN Female Bottom None DB390 clamps For 1.25-4.25" pipe N/A DB5098 1 Year
1850-1990 MHz 00 $929.60 $884.80 $851.20	**457022** 2 Degree DT $1,296.00 $1,030.32 24 lb. $997.92 10.91 kg. $933.12	**474167** 1850-1990 -2 to -8 (Continous) DT $1,990.00 $1,516.38 36 lb. $1,492.50 16.36 kg. $1,462.65	**22320** 1850-1990 MHz $1,570.00 $1,177.50 26 lb. $1,153.95 11.82 kg. $1,130.40	**79346** 1850-1990 MHz $3,090.00 $2,317.50 24 lb. $2,271.15 10.91 kg. $2,224.80

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1710-1990 MHz Dual-Polarized Antennas [342-58]

Manufacturer Table	Decibel Products DB961DD90T2E-M	Decibel Products DB932DD90T2E-M	Decibel Products DB961DD90T2R-M	Decibel Products DB961DD90TRE-M
Type	Dual Slant Polarized	Dual Slant Polarized	Dual Slant Polarized	TripleTree
Product Narrative	Diversity Master dual polarized antenna. Two antennas in a single panel radome.	Diversity Master dual polarized antenna. Two antennas in a single panel radome.	Diversity Master dual polarized antenna. Two antennas in a single panel radome.	TripleTree provides one com cell site (two antennas in each three sectors) under one rad For duplexed systems.
General Freq. (MHz)	1850-1990	1850-1990	1850-1990	1850-1990
Bandwidth (MHz)	140	140	140	140
Gain (dBd)	14.9	14.9	14.9	14.9
Gain (dBi)	17.0	16.1	17.0	17.0
Maximum Power Input (Watts)	250	250	250	250
H. Beamwidth	90 Deg.	90 Deg.	90 Deg.	90 Deg.
Vert. Beamwidth	5.5 Deg.	5.5 Deg.	5.5 Deg.	5.5 Deg.
Polarization Array 1	+45 Deg.	+45 Deg.	+45 Deg.	+45 Deg.
Polarization Array 2	-45 Deg.	-45 Deg.	-45 Deg.	-45 Deg.
Polarization Array 3	N/A	N/A	N/A	N/A
Isolation	35 dB	25 dB	35 dB	35 dB
Front to Back Ratio (dB)	25 dB	25 dB	25 dB	25 dB
VSWR	1.5:1	1.5:1	1.5:1	1.5:1
Intermodulation	Not Specified	Not Specified	Not Specified	Not Specified
Null Fill	Not Specified	Not Specified	Not Specified	Not Specified
Sidelobe Suppression (dB)	N/A	N/A	N/A	N/A
Lightning Prot.	DC Ground	DC Ground	DC Ground	DC Ground
Size (HxWxD")	77" x 7" x 6"	77" x 10" x 6"	77" x 7" x 6"	78" x 16" x 20"
Weight	11	18	11	150
Rated Wind Velocity (RWV)	165	165	165	125
Wind Load, (sq ft)	2.8	4.5	2.8	3.7
Lateral Thrust @ RWV (lbs)	N/A	N/A	N/A	148 Lbs
Bending Moment @ RWV (ft lbs)	N/A	N/A	N/A	N/A
Connector (direct)	7/16 DIN Female	7/16 DIN Female	7/16 DIN Female	7/16 DIN Female
Connector Placement	Bottom	Bottom	Top	Bottom
Jumper Included	None	None	None	None
Mount Hdw. Incl.	DB390 clamps	DB390 clamps	DB390 clamps	Hex bolts
Incl. Hardware Fits	For 1.25-4.25" pipe	For 1.25-4.25" pipe	For 1.25-4.25" pipe	Base plate
Opt. Pipe Clamp	N/A	N/A	N/A	N/A
Opt. Downtilt Bracket	DB5098	DB5098	DB5098	DB5093-3*
Warranty	1 Year	1 Year	1 Year	1 Year
TESSCO Part No.	**33857** 1850-1990 2 Deg.	**60713** 1850-1990 2 Deg.	**15770** 1850-1990 2 Deg.	**94673** 1850-1990 MI
List Price: T-1 Price:	DT	DT	DT	$8,375.00 $6,281.2
Ship lb.: T-2 Price:	$3,090.00 $2,317.50	$1,797.00 $1,347.75	$3,090.00 $2,317.50	258 lb. $6,155.4
Ship kg.: T-3 Price:	24 lb. $2,271.15	26 lb. $1,320.80	24 lb. $2,271.15	117.26 kg. $6,030.6
	10.91 kg. $2,224.80	11.82 kg. $1,293.84	10.91 kg. $2,224.80	

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Celwave X199015S-42T2	RFS Celwave APX196515-54T2	RFS Celwave APX196515-52T2	ARC Wireless Solutions PCSDS17	Allgon Telecom 7251.01
l	Panel	Panel	Dual Slant Polarized	Panel/Polarization Diversity
APX199015S polarization sity antenna is ideal for sites e zoning issues demand the f a more aesthetically pleasing ion.	The APX series of polarization diversity antenna features excellent cross polarization discrimination and are ideal for sites where zoning issues demand a more aesthetically pleasing solution.	The APX series features excellent cross polarization discrimination are ideal for sites where zoning issues demand the use of a more aesthetically pleasing solution. The high port to port isolation helps to protect sensitive recievers from transmitter noise.	eXsite Dual-slant polarized 15.2dB 65 degree panel array antenna.	65 Deg. dual polarized panel antenna.
-1990	1850-1990 140 15 17.1 250	1850-1990 140 15 17.1 250	1850-1990 140 15.2 17.3 250	1850-1990 140 15.5 17.5dBi 250
eg. .	65 Deg. 7 Deg.	65 Deg. 7 Deg.	65 Deg. 7 Deg.	90 Deg. 5 Deg.
Deg. eg.	+45 Deg. -45 Deg. N/A 30 dB 25 dB	+45 Deg. -45 Deg. N/A 30 dB 25 dB	+45 Deg. -45 Deg. N/A >30 dB > 30 dB	Slant Polarized + 45 Deg Slant Polarized - 45 Deg >30dB between inputs >20dB
dBc 3	1.5:1 -143 dBc Not Specified N/A	1.5:1 -143 dBc Not Specified -17 dB	1.33:1 -147 dBc Not Specified Not Specified	<1.3:1 <-110dBm (2 Tx @10 Watts) Not Specified >20 dB
t Ground 6" x 5.5" s.	Direct Ground 51.2" x 7.8" x 1.9" 19.8 Lbs.	Direct Ground 51.2" x 7.8" x 1.9" 19.8 Lbs.	DC Ground 53" x 12" x 8" 17.7 lbs	DC Grounded 74.8" x 5" x 3.2" 17.6 pounds
	123 2.8 117 N/A	123 2.8 N/A N/A	125 2.4 sq ft. Not Specified N/A	156 58 lbf. (260 N) 79.1 Not Specified
DIN Female (2) Bracket APM21-4 4.0" OD Pipe ed s	7/16 DIN Female (2) Back None Fixed Pipe Bracket APM12-1 N/A N/A 5 Years	7/16 DIN Female (2) Back None Downtilt APM21-2 1.9" To 4.0" OD Pipe N/A Included 5 Years	7/16 DIN Female Back None BRT-048-S 1.5 to 4.5" pole Order Sep. 5 Years	7/16 DIN Female Bottom None 7456.00 1"-5" OD Pipe N/A 7256.00 1 Year
29 1850-1990 2 Deg. .00 $1,234.44 $1,215.00 kg. $1,190.70	**460022** 1850-1990 2 Deg. DT $1,130.00 $861.06 23 lb. $847.50 10.45 kg. $830.55	**497006** 1850-1990 MHz 2 Deg. DT $1,250.00 $952.50 23 lb. $937.50 10.45 kg. $918.75	**415377** NEW 1850-1990 **487305** NEW 1850-1990 2 Deg. DT **413357** NEW 1850-1990 4 Deg. DT $1,000.00 $660.00 17.7 lb. $640.00 8.04 kg. $620.00	**73134** 1850-1990 2 Deg. DT $1,188.60 $1,069.72 18 lb. $1,010.29 8.18 kg. $950.86

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1710-1990 MHz Dual-Polarized Antennas [342-58]

Manufacturer Table	Decibel Products DB961DD65T2R-M	Allgon Telecom 7250.03	ARC Wireless Solutions PCSDS19	Allgon Telecom 7691 Series
Type	Dual Slant Polarized	Dual Slant Polarized	Dual Slant Polarized	Dual Slant Polarized
Product Narrative	Diversity Master dual polarized antenna. Two antennas in a single panel radome.	Dual polarized panel antenna with Slant 45 Degree design to optimize performance. High cross polar discrimination factor and high port to port isolation. Superior vertical pattern shaping for interference reduction.	eXsite Dual-slant polarized 16.9dB 65 degree panel array antenna.	Dual polarized panel antenna w Slant 45 Degree design to opti performance. High cross polar crimination factor and high po port isolation. Superior vertica tern shaping for interference r tion. The 7691 Series has Opti Manual Adjustable Electric tilt tuning flexibility.
General Freq. (MHz) Bandwidth (MHz) Gain (dBd) Gain (dBi) Maximum Power Input (Watts)	1850-1990 140 15.9 18.0 250	1850-1990 140 MHz 16.5 18.5dBi 250	1850-1990 140 16.9 19.0 250	1850-1990 140 16 18 250
H. Beamwidth Vert. Beamwidth	65 Deg. 5.5 Deg.	65 Deg. 5.5 Deg.	65 Deg. 5 Deg.	65 Deg. 5.5 Deg.
Polarization Array 1 Polarization Array 2 Polarization Array 3 Isolation Front to Back Ratio (dB)	+45 Deg. -45 Deg. N/A 25	Slant Polarized +45 deg Slan Polarized - 45 deg >30dB between inputs >23dB	+45 Deg. -45 Deg. N/A >30 dB > 30 dB	Slant Polarized +45 Deg Slant Polarized - 45 Deg N/A >30dB between inputs >23dB
VSWR Intermodulation Null Fill Sidelobe Suppression (dB)	1.5:1 Not Specified Not Specified N/A	<1.3:1 <-110dBm (2 Tx @ 40dBm) Not Specified < 20dB	1.33:1 -153 dBc Not Specified Not Specified	<1.3:1 <-107 dBm (2 Tx @ 43dBm) Not Specified < 20dB
Lightning Prot. Size (HxWxD") Weight	DC Ground 83" x 17" x 11" 23	All conductive parts, DC grounded 62.4" x 6.5" x 2.36" 15.5 pounds shipping weight 17.0 pounds	DC Ground 53.0 x 12 x 8" 25.0 lbs	DC Grounded 62.4" x 6.5" x 2.36" 18 lbs.
Rated Wind Velocity (RWV) Wind Load, (sq ft) Lateral Thrust @ RWV (lbs) Bending Moment @ RWV (ft lbs)	165 6.3 N/A N/A	156 71.9 Not Specified	125 4.6 sq ft. N/A	156 2.3 70 N/A
Connector (direct) Connector Placement Jumper Included Mount Hdw. Incl. Incl. Hardware Fits Opt. Pipe Clamp Opt. Downtilt Bracket Warranty	7/16 DIN Female Top None DB390 clamps For 1.25-4.25" pipe N/A DB5098 1 Year	7/16 DIN Female Bottom None 7456.00 Tilt Bracket preattached 1"-5" OD Pipe N/A 7256.00 1 Year	7/16 DIN Female Back None BRT-048-S 1.5 to 4.5" pole Order Sep. 5 Years	7/16 DIN Female Bottom None 7456.00 Tilt Bracket preattach 1"-5" OD Pipe N/A 7256.00 1 Year
TESSCO Part No. List Price: T-1 Price: Ship lb.: T-2 Price: Ship kg.: T-3 Price:	**40441** 1850-1990 2 Deg. DT $2,112.00 $1,584.00 24 lb. $1,552.32 10.91 kg. $1,520.64	**38445** 1850-1990 2 Deg. DT $1,093.55 $984.20 18 lb. $929.52 8.18 kg. $874.84	**427390** NEW 1850-1990 MHz $1,180.00 $778.80 25 lb. $755.20 11.36 kg. $731.60	**455348** NEW 1850-1990 MH Deg. DT $1,093.35 $984.00 18 lb. $929.34 8.18 kg. $874.67

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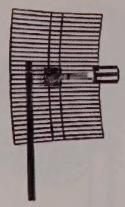
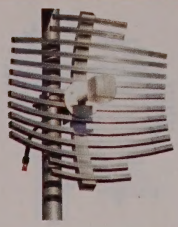
ufacturer e	Maxrad, Inc MYPB24015	Andrew Broadband Wireless 18T-2400	RFS Cablewave MGAR2-23N	Andrew Corporation KPR3F-23-NWM
30 to 2.50 GHz ntennas 45-20]				
uct Narrative	A broadband version of the XtremeWave yagi antenna covering frequencies from 2400 to 2686 MHz.	Die cast grid antenna is manufactured with magnesium alloy, stainless steel and aluminum. Weighs 33% less than aluminum antennas with no rust.	Welded aluminum construction for quick and simple installation. All antenna feed heads are unpressurized and enclosed in a Luran-S plastic radome for maximum UV protection.	The KPR-F Series antennas are suitable for low to medium capacity systems such as Rural Telephony Multi-Access Radio Systems and incorporate a HELIAX foam cable jumper assembly in the feed design.
ency at Low (dBi) at Mid (dBi) at High (dBi)	2400-2686 13/15	2400-2500 15.9/18	2.3-2.5 GHz 21.1 21.2 21.3	2.3-2.5 GHz 24.2 23.6 23.6
Mid Band Beamwidth and Vert. Beamwidth (deg) zation (dB)	Not Specified Not Specified Linear	Not Specified 11.6 Deg Dual	13.7 13.7 Plane Not Specified	8.7 7.9 Plane 25
to Back Ratio (dB) R (max) n Loss (dB)	-23 dB <1.50:1 Not Specified	GT 23 dB 1.3:1 Not Specified	29 1.35:1 16.5	24 1.35:1 16.5
eter ure t Type	N/A Unpressurized Up to 2" pipe	N/A Unpressurized Clamps to 1"-2" Mast	2 ft Unpressurized 1.5- 4.4" pipe	3 ft Unpressurized 1.88- 4.5" pipe
t Lbs. (kg) Dim. (L x W x H Inches)	1 14" x 3"	2.7 Lbs 16" x 20" x 15"	22 (10) 28 x 26 x 14	24 (11) 53 x 17 x 6
Load, 125mph Twist Moment 25mph Wind Axial Force lb nty	125 Not Specified 2 Years	Not Specified 140 MPH 5 Years	115 134 5 Years	Not Specified Not Specified 3 Years
CO Part No.	**418319** NEW N Female	**40728** N Male **454084** N Female	**75402** N F on Cellflex cable	**494137** N Female
ice: T-1 Price:	$199.00 $99.50	$93.85 $81.47	$800.00 $704.00	$875.00 $743.75
: T-2 Price:	2 lb. $95.52	4 lb. $74.62	33 lb. $656.00	33 lb. $721.88
: T-3 Price:	0.91 kg. $93.53	1.82 kg. $68.52	15.00 kg. $600.00	15.00 kg. $713.13

Microwave

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Microwave

2.30 to 2.50 GHz Antennas [345-20]

Manufacturer Table	Gabriel Electronics Inc. SSG3-23A	Andrew Broadband Wireless 26T-2400	Andrew Broadband Wireless 26T-2400-HORN	RFS Cablewave MGAR3-23N
Product Narrative	Spread Spectrum Parabolic ISM band antenna. Grid design for low wind load.	Replacement feed horn for 26T-2400 grid antenna.	Die cast grid antenna manufactured with magnesium alloy, stainless stell and aluminum.	Welded aluminum constructio quick and simple installation. A antenna feed heads are unpre ized and enclosed in a Luran-S tic radome for maximum UV protection.
Frequency Gain at Low (dBi) Gain at Mid (dBi) Gain at High (dBi)	2.3 - 2.5 GHz 23.5 23.9 24.3	2400-2500 21.9/24	2400-2500 MHz Refer to 26T-2400	2.3-2.5 GHz 23.7 24.2 24.7
Nom. Mid Band Beamwidth Mid Band Vert. Beamwidth (deg) Polarization XPD (dB)	9.4 Deg 9.4 Plane 24	Not Specified 6.5 Deg Dual	 Dual	8.6 8.6 Plane Not Specified
Front to Back Ratio (dB) VSWR (max) Return Loss (dB)	24 1.50:1 14	GT 26 dB 1.3:1 Not Specified		32 1.35:1 16.5
Diameter Pressure Mount Type Weight Lbs. (kg) Ship Dim. (L x W x H Inches)	3 ft Unpressurized 2.4-4.5" pipe 50 (23) 44 x 15 x 44	Not Specified Unpressurized Clamps to 1"-2" O.D. mast 5.4 23.5" x 39.25" x 15"	Refer to 26T-2400 1	3 ft Unpressurized 1.5- 4.5" pipe 35 (16) 42 x 38 x 15
Wind Load,125mph Twist Moment Max 125mph Wind Axial Force lb Warranty	59 180 1 Year	2.1 sq. ft. 140 MPH 5 Years	 5 Years	310 290 5 Years
TESSCO Part No.	**37880** N Female	**40735** N Male	**420132** NEW Replacement Feed Horn	**75245** N F on Cellfle cable
List Price: T-1 Price:	$1,125.00 $975.38	$128.50 $111.54	$80.95 $70.25	$875.00 $770.00
Ship lb.: T-2 Price:	130 lb. $938.25	9 lb. $102.16	3 lb. $64.34	62 lb. $717.50
Ship kg.: T-3 Price:	59.08 kg. $900.00	4.09 kg. $93.81	1.36 kg. $59.08	28.18 kg. $656.25
		55049 N Female		
		$128.50 $111.54		
		9.05 lb. $102.16		
		4.11 kg. $93.81		
		74805 10 Pack, N Male		
		$1,285.00 $1,115.38		
		90 lb. $1,021.58		
		40.90 kg. $938.05		
		57776 NEW 10 Pack, N Female		
		$1,285.00 $1,115.38		
		64.65 lb. $1,021.58		
		29.38 kg. $938.05		

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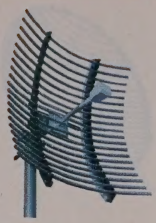
Antennas, Microwave Products

Waves 4NF	Andrew Corporation KP3F-23-NWM	Gabriel Electronics Inc. SSG4-23A	Andrew Corporation KP4F-23-NWM	Andrew Corporation KPR4F-23-NWM
				
d, lightweight grid antenna. ed windload. Adjustable ele- mount.	The KPF Series Parabolic GRID-PAK antennas are solutions for low wind loading situations. Grid antennas are single polarized, either horizontal or vertical, depending on assembly configuration.	Grid antenna designs offer lower windloading, typically reduced 40% or more from a comparable sized solid antenna without ice. SS Series feeds allow for easy installation and inspection. Type N Female connector, 50 ohm.	The KPF Series Parabolic GRID-PAK antennas are solutions for low wind loading situations. Grid antennas are single polarized, either horizontal or vertical, depending on assembly configuration.	The KPR-F Series antennas are suitable for low to medium capacity systems such as Rural Telephony Multi-Access Radio Systems and incorporate a HELIAX foam cable jumper assembly in the feed design.
GHz ecified ecified	2.3-2.5 GHz 24.7 25.1 25.3	2.3 - 2.5 GHz 26.3 26.7 27.1	2.3-2.5 GHz 27.2 27.5 27.8	2.3-2.5 GHz 26.9 27.3 27.6
	7.0 7.0 Plane 38	7.2 Deg 7.2 Plane 26	7.0 7.0 Plane 30	6.7 6.2 Plane 28
	30 1.20:1 20.8	26 1.50:1 14	30 1.20:1 20.8	30 1.35:1 16.5
surized pipe 3) x 41	3 ft Unpressurized 1.88- 4.5" pipe 16 (7.3) 53 x 17 x 6	4 ft Unpressurized 4.5" pipe 100 (45) 57 x 22 x 61	4 ft Unpressurized 1.88- 4.5" pipe 24 (11) 72 x 35 x 20	4 ft Unpressurized 1.88- 4.5" pipe 24 (11) 53 X 17 X 6
ecified	Not Specified Not Specified 3 Years	127 310 1 Year	351 325 3 Years	351 325 3 Years
N Female 00 $1,085.00 $933.10 g. $900.55	**462143** N Female $975.00 $828.75 33 lb. $804.38 15.00 kg. $794.63	**67828** N Female $1,275.00 $1,105.43 180 lb. $1,063.35 81.81 kg. $1,020.00	**492187** N Female $1,150.00 $977.50 33 lb. $948.75 15.00 kg. $937.25	**419172** N Female $950.00 $807.50 33 lb. $783.75 15.00 kg. $774.25

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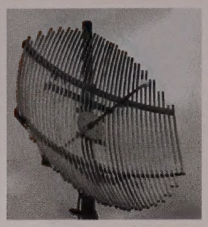
2.30 to 2.50 GHz Antennas [345-20]

Manufacturer Table	Radio Waves G4-2.4NF	RFS Cablewave MGAR4-23N	Gabriel Electronics Inc. SSG6-23A	Radio Waves G6-2.4NF
				
Product Narrative	Rugged, lightweight grid antenna. Reduced windload. Adjustable elevation mount.	RFS narrow band Minigrid antennas are for low capacity and spread spectrum applications. Made of welded aluminum. Direct ground lightning protection.	Spread Spectrum Parabolic ISM band antenna. Grid design for low wind load.	Rugged, lightweight grid anten Reduced windload. Adjustable vation mount.
Frequency	2.4-2.5 GHz	2.3-2.5 GHz	2.3 - 2.5 GHz	2.4-2.5
Gain at Low (dBi)	Not Specified	26.8	29.8	Not Specified
Gain at Mid (dBi)	27.0	27.0	30.1	30.3
Gain at High (dBi)	Not Specified	27.2	30.4	Not Specified
Nom. Mid Band Beamwidth	7.1	7.0	4.8 Deg	4.6
Mid Band Vert. Beamwidth (deg)	7.1	7.0	4.8	4.6
Polarization	Plane	Plane	Plane	Plane
XPD (dB)	25	Not Specified	30	25
Front to Back Ratio (dB)	30	32	32	32
VSWR (max)	1.5:1	1.35:1	1.50:1	1.50:1
Return Loss (dB)	14.0	16.5	14	14.0
Diameter	4 ft	4 ft	6 ft	6 ft
Pressure	Unpressurized	Unpressurized	Unpressurized	Unpressurized
Mount Type	2-4.5" pipe	1.5- 4.5" pipe	4.5" pipe	2-4.5" pipe
Weight Lbs. (kg)	35 (15.8)	53 (24)	200 (91)	80 (36)
Ship Dim. (L x W x H Inches)	50 x 18 x 52	50 x 48 x 15	81 x 24 x 83	50 x 18 x 52
Wind Load,125mph Twist Moment	Not Specified	580	370	Not Specified
Max 125mph Wind Axial Force lb	147	498	710	1438
Warranty	3 Years	5 Years	1 Year	3 Years
TESSCO Part No.	**51659** N Female	**412312** NEW N F on Cellflex cable	**77355** N Female	**51671** N Female
List Price: T-1 Price:	$1,320.00 $1,320.00	$950.00 $836.00	$1,940.00 $1,681.98	$2,500.00 $2,500.0
Ship lb.: T-2 Price:	100 lb. $1,135.20	84 lb. $779.00	325 lb. $1,617.96	230 lb. $2,150.0
Ship kg.: T-3 Price:	45.45 kg. $1,095.60	38.18 kg. $712.50	147.71 kg. $1,552.00	104.54 kg. $2,075.0

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Antennas, Microwave Products

Cablewave R6-23N	Andrew Corporation KP6F-23-NWM	Andrew Corporation KPR6F-23-NWM	Radio Waves SP1-2.4NS	Radiall/Larsen R2418R
rrow band Minigrid antennas r low capacity and spread um applications. Made of d aluminum. Direct ground ng protection.	The KPF Series Parabolic GRID-PAK antennas are solutions for low wind loading situations. Grid antennas are single polarized, either horizontal or vertical, depending on assembly configuration.	The KPR-F Series antennas are suitable for low to medium capacity systems such as Rural Telephony Multi-Access Radio Systems and incorporate a HELIAX foam cable jumper assembly in the feed design.	Lightweight and rugged Spread Spectrum/ISM band parabolic antenna. Mount provides fine adjustment of azimuth and elevation. Radome is included.	18" Solid Parabolic dish with full radome designed for extreme weather conditions.
GHz	2.3-2.5 GHz 31.0 31.3 31.6	2.3-2.5 GHz 30.8 31.3 31.2	2.4-2.5 GHz Not Specified 14.0 Not Specified	2.4-2.483 GHz Not Specified 19 Not Specified
ecified	7.0 7.0 Plane 30	4.2 4.2 Plane 30	28 28 Plane 17	18 Deg 20 Deg Plane Not Specified
	36 1.10:1 26.4	35 1.35:1 16.5	25 1.50:1 14.0	25 1.50:1 Not Specified
surized " pipe x 20	6 ft Unpressurized 1.88- 4.5" pipe 121 (55) 89 x 35 x 11	6 ft Unpressurized 1.88- 4.5" pipe 121 (55) 89 x 35 x 11	1 ft Unpressurized 1-4.5" pipe 15 (6.8) 16 x 16 x 9	1.6 ft Unpressurized 1.75- 4" pipe 12 lb (5.4 Kg) 21 x 21 x 12 inches
	1342 820 3 Years	1597 976 3 Years	N/A 46 3 Years	Not Specified Not Specified 3 Years
N F on Cellflex 00 $1,504.80 $1,402.20 . $1,282.50	**414170** N Female $2,080.00 $1,768.00 203 lb. $1,716.00 92.26 kg. $1,695.20	**479155** N Female $1,710.00 $1,453.50 203 lb. $1,410.75 92.26 kg. $1,393.65	**51680** N Female $450.00 $450.00 18 lb. $337.50 8.18 kg. $324.00	**433329** NEW N Female $549.35 $357.07 18 lb. $329.60 8.18 kg. $302.14

Microwave

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Microwave

2.30 to 2.50 GHz Antennas [345-20]

Manufacturer Table	Gabriel Electronics Inc. SSP2-23A	Maxrad, Inc MPR24021	Radio Waves SP2-2.4NS	Radio Waves SPD2-2.4NS
Product Narrative	Spread Spectrum Parabolic ISM band antenna. Solid design SS series feed allows easy installation.	ISM parabolic antenna for point to point communications. High gain Prime Focus 24" solid reflector.	Lightweight and rugged Spread Spectrum/ISM band parabolic antenna. Mount provides fine adjustment of azimuth and elevation.	Lightweight and rugged Spread Spectrum/ISM band parabolic antenna. Mount provides fine adjustment of azimuth and ele tion.
Frequency	2.3 - 2.5 GHz	2.4 - 2.5 GHz	2.4-2.5 GHz	2.4-2.5 GHz
Gain at Low (dBi)	20.3	Not Specified	21.0	21.0
Gain at Mid (dBi)	20.7	21	21.3	21.3
Gain at High (dBi)	21.1	Not Specified	21.5	21.5
Nom. Mid Band Beamwidth	14.5 Deg	12.5 Deg	14 Deg	14 Deg
Mid Band Vert. Beamwidth (deg)	14.5	12.5 Deg	14	14
Polarization	Plane	Plane	Plane	Dual
XPD (dB)	28	Not Specified	28	28
Front to Back Ratio (dB)	27	-27	28	28
VSWR (max)	1.50:1	<1.50:1	1.50:1	1.50:1
Return Loss (dB)	14	Not Specified	14	14
Diameter	2 ft	2 ft	2 ft	2 ft
Pressure	Unpressurized	Unpressurized	Unpressurized	Unpressurized
Mount Type	2.4-4.5" pipe	Center pipe mount, fits 1.25- 2.375"	1- 4.5" pipe	1- 4.5" pipe
Weight Lbs. (kg)	28 (13)	8.5 lb (3.8 Kg)	22 (9.9)	22 (9.9)
Ship Dim. (L x W x H Inches)	30.5 x 30.5 x 30.5	27.5 x 27.5 x 10.5 inches	27 x 6 x 25	27 x 6 x 25
Wind Load,125mph Twist Moment	65 (max)	Not Specified	Not Specified	Not Specified
Max 125mph Wind Axial Force lb	290	327	222	222
Warranty	1 Year	2 Years	3 Years	3 Years
TESSCO Part No.	**94016** N Female	**483308** NEW N Female	**51681** N Female	**51739** N Female
List Price: T-1 Price:	$825.00 $715.28	$599.00 $305.49	$650.00 $650.00	$890.00 $890.00
Ship lb.: T-2 Price:	43 lb. $688.05	15 lb. $293.51	25 lb. $559.00	25 lb. $765.40
Ship kg.: T-3 Price:	19.54 kg. $660.00	6.82 kg. $281.53	11.36 kg. $539.50	11.36 kg. $738.70

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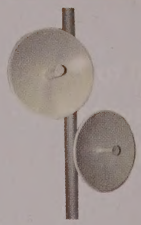
Larsen	Radiall/Larsen R2424R	Cushcraft/Signals S24024PDNF	Radio Waves SP3-2.4	Radio Waves SP3D-2.4
				
d parabolic dish. No .	2 ft solid parabolic dish. Same as sku# 447333, but with radome.	Parabolic dish antenna for point to point or point to multipoint reception and transmission of linear polarized signals. Both the antenna and it's mounting hardware are extremely rugged assuring users that their critical communications links will be maintained even in the harshest environments. The feed is adjustable for vertical or horizontal polarization.	Lightweight and rugged Spread Spectrum/ISM band parabolic antenna. Mount provides fine adjustment of azimuth and elevation.	Lightweight and rugged Spread Spectrum/ISM band parabolic antenna. Mount provides fine adjustment of azimuth and elevation.
33 GHz cified cified	2.4- 2.483 GHz Not Specified 21 Not Specified	2.4 - 2.5 GHz 23.5 23.9 24.3	2.4-2.5 GHz 24.0 24.3 24.8	2.4-2.5 GHz Not Specified 24.1 Not Specified
g cified	13.5 Deg 15 Deg Plane Not Specified	10 Deg 10 Linear Vetrtical or Horizontal Not Specified	9.5 Deg 9.5 Plane 30	9.5 Deg 9.5 Dual 30
cified	25 1.50:1 Not Specified	35 1.5:1 Not Specified	30 1.40:1 15.5	30 1.40:1 15.5
urized pipe 0 Kg) x 12 inches	2 ft Unpressurized 1.75- 4" pipe 22 lb (10.0 Kg) 28 x 28 x 12 inches	2.9 ft Unpressurized Up to 2.5" pipe 13 (5.8) Not specified	3 ft Unpressurized 3.5- 4.5" pipe 35 (15.8) 16 x 40 x 44	3 ft Unpressurized 3.5- 4.5" pipe 35 (15.8) 16 x 40 x 44
cified cified	Not Specified Not Specified 3 Years	Not Specified Not Specified 1 Year	Not Specified 492 3 Years	Not Specified 492 3 Years
NEW N Female $324.63 $299.66 $274.69	**412309** NEW N Female $615.95 $400.35 30 lb. $369.56 13.64 kg. $338.76	**66529** N Female $599.40 $431.55 15 lb. $419.56 6.82 kg. $407.58	**51741** N Female $1,060.00 $1,060.00 42 lb. $911.60 19.09 kg. $879.80	**51743** N Female $1,300.00 $1,300.00 42 lb. $1,118.00 19.09 kg. $1,079.00

Microwave

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Microwave

2.30 to 2.50 GHz Antennas [345-20]

Manufacturer Table	RFS Cablewave SPF3-23AJ	Maxrad, Inc MPR24025	Gabriel Electronics Inc. SSP4-23B	Radio Waves SP4-2.4
Product Narrative	SlimLine antennas are designed for short-haul microwave systems in all common frequency ranges. SPF microwave antennas are designed for unlicensed NII (National Information Infrastructure) Spread Spectrum and ISM applications.	ISM parabolic antenna for point to point communications. High gain Prime Focus 36" solid reflector.	Spread Spectrum Parabolic ISM band antenna. Solid design SS series feed allows easy installation.	Lightweight and rugged Sprea Spectrum/ISM band parabolic antenna. Mount provides fine adjustment of azimuth and el tion.
Frequency	2.3 - 2.5 GHz	2.4 - 2.5 GHz	2.3 - 2.5 GHz	2.4-2.5 GHz
Gain at Low (dBi)	23.8		26.3	Not Specified
Gain at Mid (dBi)	24.2	25	26.7	27.2
Gain at High (dBi)	24.5		27.1	Not Specified
Nom. Mid Band Beamwidth	9.2 Deg	8.8 Deg	7.2 Deg	7.3 Deg
Mid Band Vert. Beamwidth (deg)	9.2	8.8 Deg	7.2	7.3
Polarization	Plane	Vertical or Horizontal	Plane	Plane
XPD (dB)	25		30	30
Front to Back Ratio (dB)	33	27	36	34
VSWR (max)	1.50:1	<1.5:1	1.50:1	1.40:1
Return Loss (dB)	Not Specified		14	15.5
Diameter	3 ft	36"	4 ft	4 ft
Pressure	Unpressurized	Unpressurized	Unpressurized	Unpressurized
Mount Type	3.6- 4.5" pipe	Center pipe mount, fits 1.25" - 2.375" OD	4.5" pipe	3.5- 4.5" pipe
Weight Lbs. (kg)	35 (16)	11.0	100 (45)	60 (27)
Ship Dim. (L x W x H Inches)	40 x 40 x 21	36 x 24 x 36	57 x 20 x 61	59 x 18 x 60
Wind Load,125mph Twist Moment	553		400	Not Specified
Max 125mph Wind Axial Force lb	536		1050 (max)	855
Warranty	5 Years	2 Years	1 Year	3 Years
TESSCO Part No.	**494193** N Male	**497326** NEW N Female	**13783** N Female	**51747** N Female
List Price: T-1 Price:	$1,300.00 $1,144.00	$735.00 $374.85	$1,480.00 $1,283.16	$1,475.00 $1,475.
Ship lb.: T-2 Price:	82 lb. $1,066.00	15 lb. $360.15	180 lb. $1,234.32	165 lb. $1,268.
Ship kg.: T-3 Price:	37.27 kg. $975.00	6.82 kg. $345.45	81.81 kg. $1,184.00	74.99 kg. $1,224.

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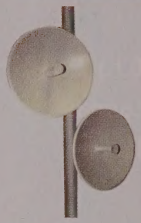
Waves 2.4	RFS Cablewave SPF4-23AJ	Gabriel Electronics Inc. SSP6-23A	Radio Waves SP6-2.4	Radio Waves SP6-2.4
				
eight and rugged Spread m/ISM band parabolic . Mount provides fine ent of azimuth and eleva-	SlimLine antennas are designed for short-haul microwave systems in all common frequency ranges. SPF microwave antennas are designed for unlicensed NII (National Information Infrastructure) Spread Spectrum and ISM applications.	Spread Spectrum Parabolic ISM band antenna. Solid design SS series feed allows easy installation.	Lightweight and rugged Spread Spectrum/ISM band parabolic antenna. Mount provides fine adjustment of azimuth and elevation.	Lightweight and rugged Spread Spectrum/ISM band parabolic antenna. Mount provides fine adjustment of azimuth and elevation.
GHz cified cified	2.3 - 2.5 GHz 26.7 27.1 27.4	2.3 - 2.5 GHz 30.0 30.3 30.6	2.4-2.5 GHz Not Specified 30.3 Not Specified	2.4-2.5 GHz Not Specified 30.1 Not Specified
	6.9 Deg 6.9 Plane 25	4.8 Deg 4.8 Plane 30	4.8 Deg 4.8 Plane 30	4.8 Deg 4.8 Dual 30
	36 1.50:1 13.98	38 1.50:1 14	38 1.40:1 15.5	38 1.40:1 15.5
urized pipe x 60	4 ft Unpressurized 3.6- 4.5" pipe 53 (24) 54 x 54 x 25	6 ft Unpressurized 4.5" pipe 200 (90) 81 x 24 x 83	6 ft Unpressurized 4.5" pipe 90 (40.5) 77 x 18 x 80	6 ft Unpressurized 4.5" pipe 90 (40.5) 77 x 18 x 80
cified	1106 978 5 Years	1250 2200 1 Year	Not Specified 1768 3 Years	Not Specified 1768 3 Years
N Female $1,710.00 $1,470.60 $1,419.30	**432004** N Male $1,500.00 $1,320.00 204 lb. $1,230.00 92.72 kg. $1,125.00	**94014** N Female $1,920.00 $1,664.64 325 lb. $1,601.28 147.71 kg. $1,536.00	**51619** N Female $1,790.00 $1,790.00 230 lb. $1,539.40 104.54 kg. $1,485.70	**51628** N Female $2,235.00 $2,235.00 230 lb. $1,922.10 104.54 kg. $1,855.05

Microwave

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Manufacturer Table	RFS Cablewave SPF6-23AJ
2.30 to 2.50 GHz Antennas [345-20]	
Product Narrative	SlimLine antennas are designed for short-haul microwave systems in all common frequency ranges from 10 to 40 GHz. SPF microwave antennas are designed for unlicensed NII (National Inforamtion Infratructure) Spread Spectrum and ISM applications
Frequency Gain at Low (dBi) Gain at Mid (dBi) Gain at High (dBi)	2.3-2.5 GHz 30.2 30.6 31.0
Nom. Mid Band Beamwidth Mid Band Vert. Beamwidth (deg) Polarization XPD (dB)	4.6 Deg 4.6 Plane 25
Front to Back Ratio (dB) VSWR (max) Return Loss (dB)	39 1.50:1 13.98
Diameter Pressure Mount Type Weight Lbs. (kg) Ship Dim. (L x W x H Inches)	6 ft Unpressurized 4.5" pipe 154 (70) 80 x 80 x 22
Wind Load,125mph Twist Moment Max 125mph Wind Axial Force lb Warranty	2270 2217 5 Years
TESSCO Part No.	**475128** N Male
List Price: T-1 Price:	$1,775.00 $1,562.00
Ship lb.: T-2 Price:	480 lb. $1,455.50
Ship kg.: T-3 Price:	218.16 kg. $1,331.25

Manufacturer Table	ARC Wireless Solutions ARC-00290	ARC Wireless Solutions ARC-00270
5.25 to 5.85 GHz Antennas [345-30]		
Product Narrative	Flat design provides high efficiency and low back lobes with minimal depth dimension allowed in covanant controlled areas. Wall/ Pole brackets included.	Flat design provides high effici and low back lobes with minin depth dimension allowed in covanant controlled areas. W Pole brackets included.
Frequency Gain at Low (dBi) Gain at Mid (dBi) Gain at High (dBi)	5.25 - 5.35 11.0	5.25 - 5.35 11.0
Nom. Mid Band Beamwidth Mid Band Vert. Beamwidth (deg) Polarization XPD (dB)	100 Single >20 dB	100 Single >20 dB
Front to Back Ratio (dB) VSWR (max) Return Loss (dB)	>30 dB 1.50 Not Specified	>30 dB 1.50 Not Specified
Diameter Pressure Mount Type Weight Lbs. (kg) Ship Dim. (L x W x H Inches)	1 Foot Unpressurized 1"-4.5" pipe Not Specified 5.15" x 5.15" x .82"	1 Foot Unpressurized 1"-4.5" pipe Not Specified 5.15" x 5.15" x .82"
Wind Load,125mph Twist Moment Max 125mph Wind Axial Force lb Warranty	26.5" sq. Not Specified 2 Years	26.5" sq. Not Specified 2 Years
TESSCO Part No.	**456376** NEW TNC-Female	**481337** NEW N Female
List Price: T-1 Price:	$121.75 $56.35	$121.75 $56.35
Ship lb.: T-2 Price:	4 lb. $49.69	4 lb. $49.69
Ship kg.: T-3 Price:	1.82 kg. $48.70	1.82 kg. $48.70

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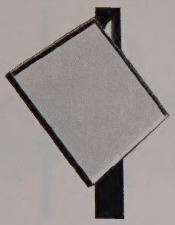
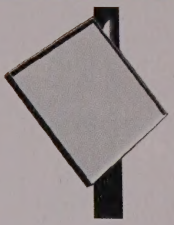
Fireless Solutions 280	Gabriel Electronics Inc. DFPD1-52	Radio Waves SP1	Radio Waves SEC-5V-60	Gabriel Electronics Inc. DFPD2-52
				
gn provides high efficiency back lobes with minimal mension allowed in controlled areas. Wall/ ckets included.	Spread Spectrum NII Band directional flat panel for point to point. Light weight. Paintable rigid radome. Accomodates +/- 20 degree elevation adjustment.	Lightweight and rugged Spread Spectrum/ISM band parabolic antenna. Mount provides fine adjustment of azimuth and elevation. Radome is included.	Flat panel 60 degree sector antenna. Lightweight and rugged. Standard antenna mount. N Female connector.	Spread Spectrum NII Band directional flat panel for point to point. Light weight. Paintable rigid radome. Accomodates +/- 20 degree elevation adjustment.
35	5.25 - 5.85 23.0 23.5 23.9	5.25 - 5.85 22.0 Not Specified 22.5	5.25 - 5.85 17	5.25 - 5.85 27.5 28.0 28.4
	9.4 n/a Plane Polarized 30	14 Single 25	8 See Below 25	4.6 n/a Plane Polarized 30
ified	43 1.50 (14.0)	28 1.50 Not Specified	>35 1.50 Not Specified	46 1.50 (14.0)
rized pe ified 15" x .82"	1' Diagonal Unpressurized Mini Mount 11 18" x 11" x 18"	1 Foot Unpressurized 1"-4.5" pipe Not Specified 16 x 16 x 9	N/A Unpressurized 2.5 to 4.5" pipe Not Specified	2' Diagonal Unpressurized Quick Align Mount 31 30" x 12" x 30"
ified	56 1 Year	Not Specified 3 Years	N/A Not Specified 3 Years	203 1 Year
NEW SMA Female $56.35 $49.69 $48.70	**47180** N Female $625.00 $541.88 11 lb. $521.25 5.00 kg. $500.00	**415001** N Female $450.00 $450.00 18 lb. $337.50 8.18 kg. $324.00	**473045** N Female, Vertical Polarization **478152** N Female, Horizontal Polarization $890.00 $890.00 8 lb. $765.40 3.64 kg. $738.70	**22708** N Female $840.00 $728.28 31 lb. $700.56 14.09 kg. $672.00

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Microwave

5.25 to 5.85 GHz Antennas [345-30]

Manufacturer Table	Radio Waves SP2-5.2	Gabriel Electronics Inc. QFD4-52	Radio Waves SP2-5.2NS/RD2	Mobile Mark, Inc. OD9-5250
Product Narrative	Lightweight and rugged Spread Spectrum/ISM band parabolic antenna. Mount provides fine adjustment of azimuth and elevation.	Quick Fire Dual Polarized Unlicensed NII and spread spectrum ISM band antenna. Solid parabolic.	Lightweight and rugged Spread Spectrum/ISM band parabolic antenna. Mount provides fine adjustment of azimuth and elevation.	Omnidirectional antenna de for new microwave systems ing U-NII networking. Uses array of uniquely phased ele to provide a uniform patter excellent frequency respons
Frequency	5.25 - 5.85	5.25 - 5.85	5.25 - 5.85	5.15-5.35 GHz
Gain at Low (dBi)		34.3		
Gain at Mid (dBi)	28.3	34.7	28.3	9
Gain at High (dBi)		35.2		
Nom. Mid Band Beamwidth		1.9		
Mid Band Vert. Beamwidth (deg)		n/a		N/A
Polarization	Plane Polarized	Dual Polarized	Plane Polarized	Horizontal
XPD (dB)	28	28	28	Not Specified
Front to Back Ratio (dB)	36	46	36	N/A
VSWR (max)	1.40:1	1.40	1.40:1	
Return Loss (dB)	Not Specified	(15.5)	Not Specified	Not Specified
Diameter	2 Foot	4 Foot	2 Foot	N/A
Pressure	Unpressurized	Unpressurized	Unpressurized	Unpressurized
Mount Type	4.5" pipe	4.5" pipe	4.5" pipe	Up to 2" pipe
Weight Lbs. (kg)	22 (9.9 kg)	180	22 (9.9 kg)	1.00
Ship Dim. (L x W x H Inches)	27 x 6 x 25	57" x 20" x 61"	27 x 6 x 25	18" x 1" x 1"
Wind Load,125mph Twist Moment		400		N/A
Max 125mph Wind Axial Force lb	Not Specified	1050	Not Specified	Not Specified
Warranty	3 Years	1 Year	3 Years	3 Years
TESSCO Part No.	**60471** N Female	**470396** NEW N Female	**85448** N Female	**489050** N Female
List Price: T-1 Price:	$650.00 $650.00	$1,975.00 $1,712.33	$845.00 $845.00	$284.00 $198.5
Ship lb.: T-2 Price:	27 lb. $559.00	180 lb. $1,647.15	27 lb. $726.70	2 lb. $184.6
Ship kg.: T-3 Price:	12.27 kg. $539.50	81.81 kg. $1,580.00	12.27 kg. $701.35	0.91 kg. $177.5

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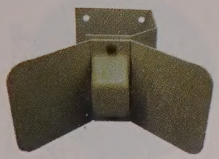
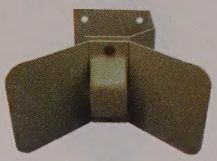
Mark, Inc. 725	Mobile Mark, Inc. SRC145725	Mobile Mark, Inc. SCR145150	Radio Waves SP3-5.2	Mobile Mark, Inc. ODN6-5250
				
rectional antenna designed microwave systems, includ- ll networking. Uses an uniquely phased elements ide a uniform pattern and t frequency response.	Directional reflector antenna for spread spectrum (ISM) systems.	Directional corner reflector antenna for spread spectrum (ISM) systems.	Lightweight and rugged Spread Spectrum/ISM band parabolic antenna. Mount provides fine adjustment of azimuth and elevation.	Omnidirectional antenna designed for new microwave systems, including U-NII networking. Uses an array of uniquely phased elements to provide a uniform pattern and excellent frequency response.
83 GHz	5.72 - 5.83 GHz Not Specified 14 dBi	5.15-5.35 GHz Not Specified 14 dBi	5.25 - 5.85 31.2	5.15-5.35 GHz 6
tal cified	Not Specified	Not Specified	4.2 Single 30	N/A Vertical Not Specified
cified	30 dB 1.50 Not Specified	30 dB 1.50 Not Specified	38 1.50 14.0	N/A Not Specified
urized pipe x 1"	3" x 5.5" Pole, surface mount hardware included < 1 lbs. 3" x 3"	3" x 5.5" For up to 2" pipe < 1 lbs. 3" x 5.5"	3 Foot Unpressurized 3.5"-4.5" pipe 35 16 x 40 x 44	N/A Unpressurized Up to 2" pipe 1.00 14" x 1" x 1"
cified	100 mph 1 Year	100 mph 1 Year	Not Specified 3 Years	N/A Not Specified 3 Years
N Female $198.80 $184.60 $177.50	**468089** N Female $182.00 $127.40 1 lb. $118.30 0.45 kg. $113.75	**497089** N Female $182.00 $127.40 1 lb. $118.30 0.45 kg. $113.75	**490144** N Female $1,060.00 $1,060.00 42 lb. $911.60 19.09 kg. $879.80	**459188** N Female $256.00 $179.20 2 lb. $166.40 0.91 kg. $160.00

Microwave

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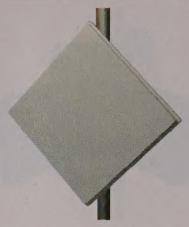
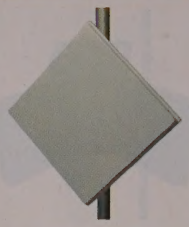
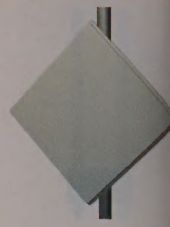
Microwave

5.25 to 5.85 GHz Antennas [345-30]

Manufacturer Table	Mobile Mark, Inc. ODN6-5725	Andrew Corporation FPA5250D12-N	Andrew Corporation FPA5250D24-N	Andrew Corporation FPA5250D06-N
				
Product Narrative	Omnidirectional antenna designed for new microwave systems, including U-NII networking. Uses an array of uniquely phased elements to provide a uniform pattern and excellent frequency response.	The Flat Panel Array antenna are design to provide many solutions for many applications including spread spectrum and UNII frequency band operation. The low profile has an aesthetically pleasing appearance and eases the planning and zoning process.	The Flat Panel Array antenna are designed to provide many solutions for many applications including spread spectrum and UNII frequency band operation. The low profile has an aesthetically pleasing appearance and eases the planning and zoning process.	The Flat Panel Array antenna designed to provide solutions many applications including sp spectrum and UNII frequency operation. The low profile has aesthetically pleasing appearan and eases the planning and zo process.
Frequency	5.72 - 5.83 GHz	5.25 - 5.85	5.25 - 5.85	5.25 - 5.85
Gain at Low (dBi)				
Gain at Mid (dBi)	6	23.6	28.5	18.4
Gain at High (dBi)				
Nom. Mid Band Beamwidth				
Mid Band Vert. Beamwidth (deg)	N/A	n/a	n/a	n/a
Polarization	Vertical	Vertical/Horizontal	Vertical/Horizontal	Vertical/Horizontal
XPD (dB)	Not Specified	30	30	30
Front to Back Ratio (dB)	N/A	>32	>43	>32
VSWR (max)		1.50	1.50	1.50
Return Loss (dB)	Not Specified	(14.0)	(14.0)	(14.0)
Diameter	N/A	1' Diagonal	2' Diagonal	1' Diagonal
Pressure	Unpressurized	N/A	N/A	N/A
Mount Type	Up to 2" pipe	Downtilt Bracket	Downtilt Bracket	Downtilt Bracket
Weight Lbs. (kg)	1.00	3 lbs	15 lbs	3 lbs
Ship Dim. (L x W x H Inches)	14" x 1" x 1"	13.9 x 13.9 x 1.4	36 x 36 x 14	11.5 x 11.0 x 4.3
Wind Load, 125mph Twist Moment	N/A			
Max 125mph Wind Axial Force lb	Not Specified	56	56	56
Warranty	3 Years	1 Year	1 Year	1 Year
TESSCO Part No.	**440135** N Female	**456160** N Female	**414117** N Female	**450165** N Female
List Price: T-1 Price:	$256.00 $179.20	$600.00 $510.00	$850.00 $722.50	$450.00 $382.50
Ship lb.: T-2 Price:	2 lb. $166.40	6 lb. $495.00	6 lb. $701.25	6 lb. $371.25
Ship kg.: T-3 Price:	0.91 kg. $160.00	2.73 kg. $489.00	2.73 kg. $692.75	2.73 kg. $366.75

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Antennas, Microwave Products

w Corporation 2-N7A	Andrew Corporation P3F-52-N7A	Gabriel Electronics Inc. QF2-52	Gabriel Electronics Inc. QF4-52	Gabriel Electronics Inc. QF6-52
lid Parabolic Antenna is an nt choice for low-capacity s where low side lobes and back ratios are not d. System designers and ors will find the parabolic especially useful for spread m radio and back haul appli-	The solid Parabolic Antenna is an excellent choice for low-capacity systems where low side lobes and front to back ratios are not required. System designers and operators will find the parabolic antenna especially useful for spread spectrum radio and back haul applications.	Gabriel Quick Fire Dishes have a new innovative feed design with N-Female connector. Dish is 2' in diameter. Also has a 5 year warranty.	Gabriel Quick Fire Dishes have a new innovative feed design with N-Female connector. Dish is 4' in diameter. Also has a 5 year warranty.	Gabriel Quick Fire Dishes have a new innovative feed design with N-Female connector. Dish is 6' in diameter. Also has a 5 year warranty.
.85	5.25 - 5.85 33.4 33.4 33.5	5.25 - 5.85 28.1 28.5 29.0	5.25 - 5.85 34.4 34.8 35.3	5.25 - 5.85 37.4 37.8 38.3
larized	n/a Plane Polarized 25	5.6 n/a Plane Polarized 28	2.7 n/a Plane Polarized 28	1.9 n/a Plane Polarized 28
	42 1.50 (14.0)	35 1.35 (16.5)	42 1.35 (16.5)	46 1.35 (16.5)
urized galvanized Mount 2.5" to . cified	3 Foot Unpressurized Hot dip galvanized Mount 2.5" to 4.5" pipe. Not Specified	2' N/A QAM Not Specified	4' N/A SM 180.00 57" x 20" x 61"	6' N/A SM 325.00 81" x 24" x 83"
	65 310 3 Years	Not Specified 5 Year	Not Specified 5 Year	Not Specified 5 Year
N Female $624.75 $606.38 $599.03	**419130** N Female $950.00 $807.50 45 lb. $783.75 20.45 kg. $774.25	**472169** NEW N Female $850.00 $736.95 45 lb. $708.90 20.45 kg. $680.00	**495153** NEW N Female $1,500.00 $1,300.50 180 lb. $1,251.00 81.81 kg. $1,200.00	**464122** NEW N Female $1,950.00 $1,690.65 325 lb. $1,626.30 147.71 kg. $1,560.00

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Microwave

5.25 to 5.85 GHz Antennas [345-30]

Manufacturer Table	Gabriel Electronics Inc. HQF2-52	Gabriel Electronics Inc. HQF4-52	Gabriel Electronics Inc. HQF6-52	Gabriel Electronics Inc. HQF8-52
Product Narrative	Gabriel High Performance Quick Fire plane polarized dish antenna with a new innovative feed design that allows for easy installation and inspection. Dish is 2' in diameter and the feed assembly is front insertable on 2' models.	Gabriel High Performance Quick Fire plane polarized dish antenna with a new innovative feed design that allows for easy installation and inspection. Dish is 4' in diameter.	Gabriel High Performance Quick Fire plane polarized dish antenna with a new innovative feed design that allows for easy installation and inspection. Dish is 6' in diameter.	Gabriel High Performance Q Fire plane polarized dish ante with a new innovative feed de that allows for easy installatio inspection. Dish is 8' in diame
Frequency	5.25 - 5.85 GHz	5.25 - 5.85 GHz	5.25 - 5.85 GHz	5.25 - 5.85 GHz
Gain at Low (dBi)	27.8	34.0	37.0	39.1
Gain at Mid (dBi)	28.2	34.4	37.4	39.5
Gain at High (dBi)	28.7	34.9	37.9	40.0
Nom. Mid Band Beamwidth	5.7	2.8	1.9	1.6
Mid Band Vert. Beamwidth (deg)	n/a	n/a	n/a	n/a
Polarization	Plane Polarized	Plane Polarized	Plane Polarized	Plane Polarized
XPD (dB)	28	28	28	28
Front to Back Ratio (dB)	43	52	58	62
VSWR (max)	1.35	1.35	1.35	1.35
Return Loss (dB)	(16.5)	(16.5)	(16.5)	(16.5)
Diameter	2'	4'	6'	8'
Pressure	N/A	N/A	N/A	N/A
Mount Type	QAM	SM	SM	SM
Weight Lbs. (kg)	25.00	75.00	325.00	395.00
Ship Dim. (L x W x H Inches)	31" x 21" x 31"	75" x 35" x 100"	81" x 43" x 83"	102" x 28" x 104"
Wind Load,125mph Twist Moment				
Max 125mph Wind Axial Force lb	Not Specified	Not Specified	Not Specified	Not Specified
Warranty	5 Year	5 Year	5 Year	5 Year
TESSCO Part No.	**451192** NEW N Female	**425142** NEW N Female	**417139** NEW N Female	**468197** NEW N Female
List Price: T-1 Price:	$2,100.00 $1,820.70	$3,600.00 $3,121.20	$6,700.00 $5,808.90	$8,500.00 $7,369.
Ship lb.: T-2 Price:	25 lb. $1,751.40	275 lb. $3,002.40	340 lb. $5,587.80	395 lb. $7,089.
Ship kg.: T-3 Price:	11.36 kg. $1,680.00	124.99 kg. $2,880.00	154.53 kg. $5,360.00	179.53 kg. $6,800.

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l Electronics Inc. 4-52	Gabriel Electronics Inc. HQFD2-52	Gabriel Electronics Inc. HQFD6-52	Gabriel Electronics Inc. HQFD8-52	Radiall/Larsen R5224M
l High Performance Quick al polarized dish antenna new innovative feed design ows for easy installation and ion. Dish is 4' in diameter.	Gabriel High Performance Quick Fire dual polarized dish antenna with a new innovative feed design that allows for easy installation and inspection. Dish is 2' in diameter and the feed assembly is front insertable on 2' models.	Gabriel High Performance Quick Fire dual polarized dish antenna with a new innovative feed design that allows for easy installation and inspection. Dish is 6' in diameter.	Gabriel High Performance Quick Fire dual polarized dish antenna with a new innovative feed design that allows for easy installation and inspection. Dish is 8' in diameter.	Solid parabolic dish designed for wireless data applications.
.85 GHz	5.25 - 5.85 GHz 27.7 28.1 28.7	5.25 - 5.85 GHz 36.9 37.3 37.8	5.25 - 5.85 GHz 39.0 39.4 39.9	5250-5850 28.5
larized	5.7 n/a Dual Polarized 28	1.9 n/a Dual Polarized 28	1.6 n/a Dual Polarized 28	6.1 6.1 vertical or horizontal 25
	43 1.40 (15.5)	58 1.40 (15.5)	62 1.40 (15.5)	38 1.5:1 Not Specified
5" x 100"	2' N/A QAM 25.00 31" x 21" x 31"	6' N/A SM 325.00 81" x 43" x 83"	8' N/A SM 395.00 102" x 28" x 104"	26" n/a Down Tilt pipe clamp 1.9" - 4.5" OD, +20 to -5 degrees 22 30x30x15
cified	Not Specified 5 Year	Not Specified 5 Year	Not Specified 5 Year	290 3 Years
l NEW N Female	**437319** NEW N Female	**473334** NEW N Female	**485314** NEW N Female	**443302** NEW N Female
00 $3,294.60	$2,400.00 $2,080.80	$6,900.00 $5,982.30	$8,800.00 $7,629.60	$1,328.35 $863.42
$3,169.20	25 lb. $2,001.60	340 lb. $5,754.60	395 lb. $7,339.20	22 lb. $797.00
$3,040.00	11.36 kg. $1,920.00	154.53 kg. $5,520.00	179.53 kg. $7,040.00	10.00 kg. $730.59

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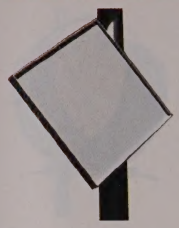
5.25 to 5.85 GHz Antennas [345-30]

Manufacturer Table	Gabriel Electronics Inc. QF8-52	Gabriel Electronics Inc. DFPD1-52(M1)	Gabriel Electronics Inc. DFPS.5-52	Gabriel Electronics Inc. QFD2-52
				
Product Narrative	Gabriel Quick Fire Dishes have a new innovative feed design with N-Female connector. Dish is 8' in diameter. Also has a 5 year warranty.	Spread Spectrum NII Band directional flat panel for point to point. Light weight. Paintable rigid radome. Accomodates +/- 20 degree elevation adjustment.	Spread Spectrum NII Band directional flat panel for point to point. Light weight. Paintable rigid radome. Accomodates +/- 20 degree elevation adjustment.	Quick Fire Dual Polarized Ur censed NII and spread spectr ISM band antenna. Solid para
Frequency	5.25 - 5.85	5.25 - 5.85	5.25 - 5.85	5.25 - 5.85
Gain at Low (dBi)	39.4	23.0	17.5	28.0
Gain at Mid (dBi)	39.8	23.5	18.0	28.4
Gain at High (dBi)	40.3	23.9	18.4	28.9
Nom. Mid Band Beamwidth	1.9	9.4	19.0	5.6
Mid Band Vert. Beamwidth (deg)	n/a	n/a	n/a	n/a
Polarization	Plane Polarized	Plane Polarized	Plane Polarized	Dual Polarized
XPD (dB)	28	30	30	28
Front to Back Ratio (dB)	48	43	35	35
VSWR (max)	1.35	1.50	1.50	1.40
Return Loss (dB)	(16.5)	(14.0)	(14.0)	(15.5)
Diameter	8'	1' Diagonal	0.5	2 Foot
Pressure	N/A	Unpressurized	Unpressurized	Unpressurized
Mount Type	SM	Quick Align Mount	Mini Mount	2.4-4.5" pipe
Weight Lbs. (kg)	350.00	14	3	45
Ship Dim. (L x W x H Inches)	81" x 24" x 83"	18" x 11" x 18"	12" x 7" x 10"	30" x 14" x 34"
Wind Load,125mph Twist Moment				65
Max 125mph Wind Axial Force lb	Not Specified	56	17	310
Warranty	5 Year	1 Year	1 Year	5 Year
TESSCO Part No.	**462190** NEW N Female	**83799** N Female	**33966** N Female	**442362** NEW N Female
List Price: T-1 Price:	$3,020.00 $2,618.34	$660.00 $572.22	$275.00 $238.43	$890.00 $771.6
Ship lb.: T-2 Price:	325 lb. $2,518.68	14 lb. $550.44	3 lb. $229.35	45 lb. $742.2
Ship kg.: T-3 Price:	147.71 kg. $2,416.00	6.36 kg. $528.00	1.36 kg. $220.00	20.45 kg. $712.0

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Antennas, Microwave Products

ablewave 28-19AN	RFS Cablewave MA0528-23AN	RFS Cablewave MA0528-28AN	RFS Cablewave SPF2-57AN	RFS Cablewave SPF3-52
t panel antennas are espe-esigned to serve license-free pread Spectrum and UNII pplications in 2.4 GHz and GHz.	RFS flat panel antennas are especially designed to serve license-free ISM, Spread Spectrum and UNII band applications in 2.4 GHz and 5.2-5.8 GHz.	RFS flat panel antennas are especially designed to serve license-free ISM, Spread Spectrum and UNII band applications in 2.4 GHz and 5.2-5.8 GHz.	SlimLine antennas are designed for short-haul microwave systems in all common frequency ranges from 10 to 40 GHz. SPF microwave antennas are designed for unlicensed NII Spread Spectrum and ISM applications.	SlimLine antennas are designed for short-haul microwave systems in all common frequency ranges from 10 to 40 GHz. SPF microwave antennas are designed for unlicensed NII Spread Spectrum and ISM applications.
35 and 5.725-5.875	5.15-5.35 and 5.725-5.875 23	5.15-5.35 and 5.725-5.875 28	5.725 - 5.85 28.2 28.3 28.4	5.25 - 5.85 30.9 31.4 31.9
	9 n/a Single 28	4.5 n/a Single 28	6.5 Single 25	4.2 Single 25
ecified	32 1.5:1 Not Specified	40 1.5:1 Not Specified	34 1.30 Not Specified	38 1.50 Not Specified
onal 5"x1.2"	1' Diagonal unpressurized 2.6 (1.2) 12.0"x12.0"x1.0"	2' Diagonal unpressurized 11.0 (5.0) 23.6"x23.6"x2.2"	2 Foot Non-Pressurized Vertical Mount included 22 lbs (10 kg) 29x29x18	3 Foot Non-Pressurized Vertical Mount included 35 lbs (16 kg) 40x40x21
ecified	Not Specified 1 Year	Not Specified 1 Year	Not Specified 1 Year	Not Specified 1 Year
3 NEW N Female $242.00 $225.50 $206.25	**471344** NEW N Female $600.00 $528.00 2.6 lb. $492.00 1.18 kg. $450.00	**411357** NEW N Female $840.00 $739.20 11 lb. $688.80 5.00 kg. $630.00	**22166** N Female $750.00 $660.00 64 lb. $615.00 29.09 kg. $562.50	**494126** N Female $1,395.00 $1,227.60 82 lb. $1,143.90 37.27 kg. $1,046.25

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5.25 to 5.85 GHz Antennas [345-30]

Manufacturer Table	RFS Cablewave SPF4-52	RFS Cablewave SPF6-52	RFS Cablewave SPF2-52	Maxrad, Inc MPR58029
Product Narrative	SlimLine antennas are designed for short-haul microwave systems in all common frequency ranges from 10 to 40 GHz. SPF microwave antennas are designed for unlicensed NII Spread Spectrum and ISM applications.	SlimLine antennas are designed for short-haul microwave systems in all common frequency ranges from 10 to 40 GHz. SPF microwave antennas are designed for unlicensed NII Spread Spectrum and ISM applications.	SlimLine antennas are designed for short-haul microwave systems in all common frequency ranges from 10 to 40 GHz. SPF microwave antennas are designed for unlicensed NII Spread Spectrum and ISM applications.	Prime Focus 5.8 GHz Solid Re tor.
Frequency	5.25 - 5.85	5.25 - 5.85	5.25 - 5.85	5.725-5.875 GHz
Gain at Low (dBi)	33.4	37.0	27.4	
Gain at Mid (dBi)	33.9	37.4	27.9	29 +/- 1
Gain at High (dBi)	34.4	37.9	28.4	
Nom. Mid Band Beamwidth	3.1	2.1	6.2	5.9 Deg
Mid Band Vert. Beamwidth (deg)				5.9
Polarization	Single	Single	Single	Vertical or Horizontal Linear
XPD (dB)	28	30	25	Not Specified
Front to Back Ratio (dB)	40	44	34	27
VSWR (max)	1.50	1.50	1.50	1.5:1
Return Loss (dB)	Not Specified	Not Specified	Not Specified	Not Specified
Diameter	4 Foot	6 Foot	2 Foot	24"
Pressure	Non-Pressurized	Non-Pressurized	Non-Pressurized	Nonpressurized
Mount Type	Vertical Mount included	Vertical Mount included	Vertical Mount included	Pipe clamp, 1.25" - 2.38" OD
Weight Lbs. (kg)	52 lbs (24 kg)	154 lbs (70 kg)	22 lbs (10 kg)	9
Ship Dim. (L x W x H Inches)	54x54x17	80x80x22	29x29x18	24" x 24" x 24"
Wind Load,125mph Twist Moment				
Max 125mph Wind Axial Force lb	Not Specified	Not Specified	Not Specified	Not Specified
Warranty	1 Year	1 Year	1 Year	2 Years
TESSCO Part No.	**454195** N Female	**464104** N Female	**487137** N Female	**496378** NEW N Female
List Price: T-1 Price:	$1,540.00 $1,355.20	$1,950.00 $1,716.00	$850.00 $748.00	$625.00 $318.75
Ship lb.: T-2 Price:	204 lb. $1,262.80	480 lb. $1,599.00	64 lb. $697.00	10 lb. $306.25
Ship kg.: T-3 Price:	92.72 kg. $1,155.00	218.16 kg. $1,462.50	29.09 kg. $637.50	4.54 kg. $293.75

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facturer

25 to 6.425
lz Antennas
5-32]

	RFS Cablewave DA4-59AC	RFS Cablewave PAD6-59AC	RFS Cablewave PAD8-59AC	RFS Cablewave DA8-59AC
ct Narrative	High Performance series antennas offer better performance with low VSWR and improved radiation pattern characteristics. Designed for applications where suppression of sidelobes amd increased front-to-back ratios are required to minimize interference.	Standard series antennas are unshrouded and offer standard and low VSWR models for applications where frequency coordination permits relaxed sidelobe suppression, and where full channel expansion capability is not required.	Standard series antennas are unshrouded and offer standard and low VSWR models for applications where frequency coordination permits relaxed sidelobe suppression, and where full channel expansion capability is not required.	High Performance series antennas offer better performance with low VSWR and improved radiation pattern characteristics. Designed for applications where suppression of sidelobes amd increased front-to-back ratios are required to minimize interference.
ency	5.925 to 6.425 GHz	5.925 to 6.425 GHz	5.925 to 6.425 GHz	5.925 to 6.425 GHz
t Low (dBi)	35.0	38.4	40.9	41.2
t Mid (dBi)	35.3	38.7	41.3	41.6
t High (dBi)	35.7	39.1	41.6	42.0
ation	Single	Single	Single	Single
dB)	28	30	30	30
o Back Ratio (dB)	55	55	57	70
(max)	1.15	1.06	1.06	1.06
ter	4'	6'	8'	8'
re	0.3	0.3	0.3	0.3
Type	CPR137G	CPR137G	CPR137G	CPR137G
Lbs. (kg)	140 (63)	185 (84)	285 (130)	682 (310)
im (L x W x H inches)	54 x 54 x 25	80 x 80 x 22	91 x 109 x 72	91 x 109 x 72
Load	125	125 mph	125 mph	125 mph
nty	5 Years	5 Years	5 Years	5 Years
CO Part No.	**440349** NEW	**493328** NEW	**478393** NEW	**495344** NEW
ce: T-1 Price:	$3,840.00 $3,379.20	$2,250.00 $1,980.00	$3,350.00 $2,948.00	$8,745.00 $7,695.60
T-2 Price:	231 lb. $3,148.80	315 lb. $1,845.00	630 lb. $2,747.00	1044 lb. $7,170.90
T-3 Price:	104.99 kg. $2,880.00	143.17 kg. $1,687.50	286.34 kg. $2,512.50	474.50 kg. $6,558.75

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5.925 to 6.425 GHz Antennas [345-32]

	Manufacturer Table	RFS Cablewave PAD10-59AC	RFS Cablewave DA10-59AC
Product Narrative		Standard series antennas are unshrouded and offer standard and low VSWR models for applications where frequency coordination permits relaxed sidelobe suppression, and where full channel expansion capability is not required.	High Performance series antennas offer better performance with low VSWR and improved radiation pattern characteristics. Designed for applications where suppression of sidelobes amd increased front-to-back ratios are required to minimize interference.
Frequency		5.925 to 6.425 GHz	5.925 to 6.425 GHz
Gain at Low (dBi)		42.8	43.0
Gain at Mid (dBi)		43.2	43.4
Gain at High (dBi)		43.5	43.7
Polarization		Single	Single
XPD (dB)		30	30
Front to Back Ratio (dB)		61	70
VSWR (max)		1.06	1.06
Diameter		10'	10'
Pressure		0.3	0.3
Mount Type		CPR137G	CPR137G
Weight Lbs. (kg)		574 (261)	925 (420)
Ship Dim (L x W x H inches)		129 x 129 x 41	132 x 95 x 99
Wind Load		125 mph	125 mph
Warranty		5 Years	5 Years
TESSCO Part No.		**429116** NEW	**452395** NEW
List Price:	T-1 Price:	$4,800.00 $4,224.00	$11,110.00 $9,776.80
Ship lb.:	T-2 Price:	1068 lb. $3,936.00	1430 lb. $9,110.20
Ship kg.:	T-3 Price:	485.41 kg. $3,600.00	649.94 kg. $8,332.50

5.725 to 6.875 GHz Antennas [345-34]

	Manufacturer Table	Radio Waves OMN
Product Narrative		Omnidirectional antenna. Ho tal polarization. Lightweight a rugged. Standard antenna mo
Frequency		5.725 - 5.85
Gain at Low (dBi)		
Gain at Mid (dBi)		8
Gain at High (dBi)		
Polarization		Horizontal
XPD (dB)		-30
Front to Back Ratio (dB)		N/A
VSWR (max)		1.7:1
Diameter		1.75"
Pressure		Unpressurized
Mount Type		1.25"-4.5" pipe
Weight Lbs. (kg)		8 lbs
Ship Dim. (L x W x H Inches)		30" x 1.75" x 1.75"
Wind Load		N/A
Warranty		3 Years
Mfg. P/N		OMN-5H-8
TESSCO Part No.		**14652** N/Female
List Price:	T-1 Price:	$560.00 $560.00
Ship lb.:	T-2 Price:	8 lb. $481.60
Ship kg.:	T-3 Price:	3.64 kg. $464.80

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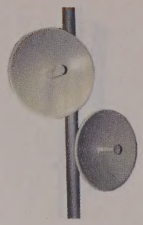
Antennas, Microwave Products

Waves 5V-90-16	Radio Waves SEC-5V-120	Radio Waves SPD2-5.8	Radio Waves SP3D	Radio Waves SP6D
				
nel 90 degree sector a. Horizontal polarization. eight and rugged. Standard a mount.	Flat panel 120 degree sector antenna. 16dBi gain. Vertical polarization. Lightweight and rugged. Standard antenna mount.	Lightweight and rugged Spread Spectrum/ISM band parabolic antenna. Mount provides fine adjustment of azimuth and elevation.	Lightweight and rugged Spread Spectrum/ISM band parabolic antenna. Mount provides fine adjustment of azimuth and elevation.	Lightweight and rugged Spread Spectrum/ISM band parabolic antenna. Mount provides fine adjustment of azimuth and elevation.
5.85	5.725 - 5.85 16	5.725 - 5.85 28.0 Not Specified 28.5	5.725 - 5.85 31.0 Not Specified 31.5	5.725 - 5.85 37.0 Not Specified 37.5
l	Vertical 25	Dual Polarized 25	Dual Polarized 25	Dual Polarized 25
	>25 1.50	35 1.50	38 1.50	45 1.50
ssurized .5" pipe ecified ecified	N/A Unpressurized 2.5 to 4.5" pipe 8 (3.6) 13 x 6 x 27	2 Foot Unpressurized 1"-4.5" pipe Not Specified 27 x 6 x 25	3 Foot Unpressurized 3.5"-4.5" pipe 35 16 x 40 x 44	6 Foot Unpressurized 4.5" pipe 90 77 x 18 x 80
ecified s 5V-90-16	N/A 3 Years SEC-5V-120-16	Not Specified 3 Years SPD2-5.8NS	Not Specified 3 Years SPD3-5.8	Not Specified 3 Years SPD6-5.8
25 N Female 0 $895.00 $769.70 $742.85	**426021** N Female $890.00 $890.00 8 lb. $765.40 3.64 kg. $738.70	**13515** N Female $890.00 $890.00 27 lb. $765.40 12.27 kg. $738.70	**13553** N Female $1,300.00 $1,300.00 42 lb. $1,118.00 19.09 kg. $1,079.00	**13632** N Female $2,235.00 $2,235.00 230 lb. $1,922.10 104.54 kg. $1,855.05

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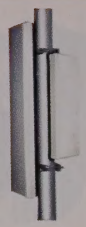
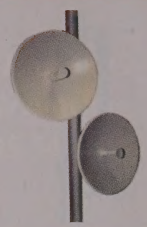
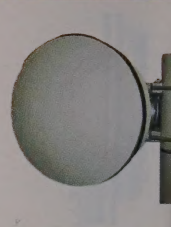
5.725 to 6.875 GHz Antennas [345-34]

Manufacturer Table	Radio Waves SP4D	Radio Waves SEC-5H-90-16	Radio Waves SP2	Radio Waves SP1-5.8
				
Product Narrative	Lightweight and rugged Spread Spectrum/ISM band parabolic antenna. Mount provides fine adjustment of azimuth and elevation.	Flat panel 90 degree sector antenna. Horizontal polarization. Lightweight and rugged. Standard antenna mount.	Lightweight and rugged Spread Spectrum/ISM band parabolic antenna. Mount provides fine adjustment of azimuth and elevation.	Lightweight and rugged Spr Spectrum/ISM band parabo antenna. Mount provides fi adjustment of azimuth and tion. Radome is included.
Frequency	5.725 - 5.85	5.725 - 5.85	5.725 - 5.85	5.725 - 5.85
Gain at Low (dBi)	Not Specified		28.0	22.0
Gain at Mid (dBi)	34.5		Not Specified	22.2
Gain at High (dBi)		16	28.5	22.5
Polarization	Dual Polarized	Horizontal	Single	Single
XPD (dB)	30	20	25	25
Front to Back Ratio (dB)	42	30	35	28
VSWR (max)	1.40:1	1.7:1	1.50	1.50
Diameter	4 Foot	N/A	2 Foot	1 Foot
Pressure	Unpressurized	Unpressurized	Unpressurized	Unpressurized
Mount Type	3.5"-4.5" pipe	1.25"-4.5" pipe	1"-4.5" pipe	1"-4.5" pipe
Weight Lbs. (kg)	60	Not Specified	22	Not Specified
Ship Dim. (L x W x H Inches)	59 x 18 x 60	Not Specified	27 x 6 x 25	16 x 16 x 9
Wind Load	Not Specified	N/A	Not Specified	Not Specified
Warranty	3 Years	3 Years	3 Years	3 Years
Mfg. P/N	SPD4-5.8	SEC-5H-90-16	SP2-5.8NS	SP1-5.8NS
TESSCO Part No.	**13616** N Female	**14627** N/Female	**13462** N Female	**11296** N/Female
List Price: T-1 Price:	$1,710.00 $1,710.00	$895.00 $895.00	$650.00 $650.00	$450.00 $450.0
Ship lb.: T-2 Price:	165 lb. $1,470.60	8 lb. $769.70	23.03 lb. $559.00	18 lb. $337.5
Ship kg.: T-3 Price:	74.99 kg. $1,419.30	3.64 kg. $742.85	10.47 kg. $539.50	8.18 kg. $324.0

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	Radio Waves SP6	Radio Waves SP4-5.2	RFS Cablewave SPF4-57	Maxrad, Inc MFB58008
veight and rugged Spread rum/ISM band parabolic na. Mount provides fine ment of azimuth and eleva-	Lightweight and rugged Spread Spectrum/ISM band parabolic antenna. Mount provides fine adjustment of azimuth and elevation.	Lightweight and rugged Spread Spectrum/ISM band parabolic antenna. Mount provides fine adjustment of azimuth and elevation.	SlimLine antennas are designed for short-haul microwave systems in all common frequency ranges from 10 to 40 GHz. SPF microwave antennas are designed for unlicensed NII (National Information Infrastructure) Spread Spectrum and ISM applications	Omnidirectional ISM base antenna is designed to cover whole band at 1.5:1 VSWR. No need for a ground plane and can be mast, wall or ceiling mounted. Internal O-ring seal in base prevents water from migrating into the connector.
- 5.85 pecified	5.725 - 5.85 37.0 Not Specified 37.5	5.25 - 5.85 34.6	5.725 - 5.85 34.3 34.4 34.5	5.725 - 5.875 8
	Single 25	Plane Polarized 30	Single 25	Vertical Not Specified
	45 1.50	42 1.40:1	40 1.30	N/A 1.5:1
: ssurized 5" pipe 8 x 60	6 Foot Unpressurized 4.5" pipe 90 77 x 18 x 80	4 Foot Unpressurized 4.5" pipe 60 (27 kg) Not Specified	4 Foot Non-Pressurized 52.8 54x54x17	N/A Unpressurized Pole or Wall .50 21" x 1" x 1"
pecified s 8	Not Specified 3 Years SP6-5.8	Not Specified 3 Years SP4-5.2	Not Specified 1 Year SPF4-57	Not Specified 2 Years MFB58008
2 N Female .00 $1,475.00 $1,268.50 kg. $1,224.25	**13623** N Female $1,790.00 $1,790.00 230 lb. $1,539.40 104.54 kg. $1,485.70	**60456** N/Female $1,475.00 $1,475.00 60 lb. $1,268.50 27.27 kg. $1,224.25	**78456** N Female $1,500.00 $1,320.00 204 lb. $1,230.00 92.72 kg. $1,125.00	**484179** NEW N Female $199.00 $101.49 1 lb. $97.51 0.45 kg. $93.53

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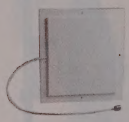
5.725 to 6.875 GHz Antennas [345-34]

Manufacturer Table	Radio Waves SP3	Teletronics Int'l Inc. ANT-DISH-5826	Radiall/Larsen R380.700.200.	Andrew Corporation P2F-57W-N7A
				
Product Narrative	Lightweight and rugged Spread Spectrum/ISM band semi-parabolic dish antenna. Linear polorization. Tilt angle of 0 to +42 Degrees.	Lightweight and rugged Spread Spectrum/ISM band semi-parabolic dish antenna. Linear polarization. Tilt angle is 0 to +42 Degrees.	5.8 GHz , 20/19dBi outdoor planar array antenna for Wireless Local Loop and broad band access applications. Includes mounting hardware.	The solid Parabolic Antenna excellent choice for low-cap systems where low side lobe front to back ratios are not required. System designers a operators will find the parab antenna especially useful for spectrum radio and back hau cations.
Frequency Gain at Low (dBi) Gain at Mid (dBi) Gain at High (dBi)	5.725 - 5.85 31.0 Not Specified 31.5	5.700 - 5.850 MHz 29	5.725 - 5.825 19 with 2m Cable	5.725-6.425 29.2 29.3 29.9
Polarization XPD (dB)	Single 25	Linear 25	Linear Vertical -17	Plane Polarized 25
Front to Back Ratio (dB) VSWR (max)	38 1.50	38 1.50	-30 1.50	40 1.10
Diameter Pressure Mount Type Weight Lbs. (kg) Ship Dim. (L x W x H Inches)	3 Foot Unpressurized 3.5"-4.5" pipe Not Specified 16 x 40 x 44	17.5" Unpressurized Pipe 4 lb. Not Specified	12" x 12" Square Pipe Bracket 2.00 13" x 13" x 2"	2 Foot Feeds are pressured to 10 lb/ Hot dip galvanized Mount 2.5 4.5" pipe. Not Specified Not Specified
Wind Load Warranty Mfg. P/N	Not Specified 3 Years SP3-5.8	Not Specified 1 Year 15-201	Not Specified 3 Years R380.700.200	65 3 Years P2F-57W-N7A
TESSCO Part No.	**13547** N Female	**441364** NEW N Female	**478053** N Male	**417168** N Female
List Price: T-1 Price:	$1,060.00 $1,060.00	$345.00 $286.35	$200.00 $130.00	$950.00 $807.50
Ship lb.: T-2 Price:	42 lb. $911.60	10 lb. $279.45	6 lb. $120.00	45 lb. $783.75
Ship kg.: T-3 Price:	19.09 kg. $879.80	4.54 kg. $272.55	2.73 kg. $110.00	20.45 kg. $774.25

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ew Corporation 7W-N7A	Andrew Corporation P6F-57W-N7A	RFS Cablewave PAD6-57WAC	RFS Cablewave PAD8-57WAC
lid Parabolic Antenna is an nt choice for low-capacity s where low side lobes and o back ratios are not ed. System designers and ors will find the parabolic a especially useful for spread m radio and back haul appli- .	The solid Parabolic Antenna is an excellent choice for low-capacity systems where low side lobes and front to back ratios are not required. System designers and operators will find the parabolic antenna especially useful for spread spectrum radio and back haul applications.	Standard series antennas are unshrouded and offer standard and low VSWR models for applications where frequency coordination permits relaxed side-lobe suppression, and where full channel expansion capability is not required.	Standard series antennas are unshrouded and offer standard and low VSWR models for applications where frequency coordination permits relaxed side-lobe suppression, and where full channel expansion capability is not required.
.425	5.725-6.425 38.0 38.5 39.0	5.725 to 6.875 GHz 38.1 38.9 39.7	5.725 to 6.875 GHz 40.6 41.4 42.2
olarized	Plane Polarized 25	Single 30	Single 30
	40 1.10	55 1.15	57 1.15
re pressured to 10 lb/in galvanized Mount 2.5" to e. ecified ecified	6 Foot Feeds are pressured to 10 lb/in Hot dip galvanized Mount 2.5" to 4.5" pipe. Not Specified Not Specified	6' 0.3 CPR137G 185 (84) 80 x 80 x 22	8' 0.3 CPR137G 285 (130) 91 x 109 x 72
W-N7A	65 3 Years P6F-57W-N7A	125 mph 5 Years PAD6-57WAC	125 mph 5 Years PAD8-57WAC
9 N Female 00 $1,530.00 $1,485.00 g. $1,467.00	**490184** N Female $2,280.00 $1,938.00 500 lb. $1,881.00 227.25 kg. $1,858.20	**416306** NEW CPR137G $2,350.00 $2,068.00 315 lb. $1,927.00 143.17 kg. $1,762.50	**489302** NEW CPR137G $3,450.00 $3,036.00 630 lb. $2,829.00 286.34 kg. $2,587.50

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Manufacturer Table	RFS Cablewave PAD6-65AC	RFS Cablewave PAD8-65AC	Manufacturer Table	Gabriel Electronics Inc. DDFPS.5-2357
6.425 to 7.125 GHz Antennas [345-36]			**Dual Band 2.3-2.5 & 5.25-5.85 Antenna [345-40]**	
Product Narrative	Standard series antennas are unshrouded and offer standard and low VSWR models for applications where frequency coordination permits relaxed side-lobe suppression, and where full channel expansion capability is not required.	Standard series antennas are unshrouded and offer standard and low VSWR models for applications where frequency coordination permits relaxed side-lobe suppression, and where full channel expansion capability is not required.	Product Narrative	Dual Band - Spread Spectrum directional flat panel microw antenna for point to point ap tions. Quick and easy installa Mount accommodates +/- 20 elevation adjustment. Include radome.
Frequency Gain at Low (dBi) Gain at Mid (dBi) Gain at High (dBi)	6.425 to 7.125 GHz 39.1 39.6 40.0	6.425 to 7.125 GHz 41.6 42.1 42.5	Frequency Gain at Low (dBi) Gain at Mid (dBi) Gain at High (dBi)	2.3-2.5 / 5.72-5.85 9.8/18.4 10.2/18.5 10.6/18.6
Polarization XPD (dB)	Single 30	Single 30	Nom. Mid Band Beamwidth Mid Band Vert. Beamwidth (deg) Polarization XPD (dB)	36.0 16.7 Horizontal or Vertical 24/30
Front to Back Ratio (dB) VSWR (max)	57 1.06	59 1.06	Front to Back Ratio (dB) VSWR (max) Return Loss (dB)	22/35 1.50 14
Diameter Pressure Mount Type Weight Lbs. (kg) Ship Dim. (L x W x H Inches)	6' 0.3 CPR137G 186 (84) 80 x 80 x 22	8' 0.3 CPR137G 570 (259) 105 x 105 x 40	Diameter Pressure Mount Type Weight Lbs. (kg) Ship Dim. (L x W x H Inches)	6"x 12" Non-pressurized 1" to 2" Pipe elevation adjustment. Include Not Specified
Wind Load Warranty	125 mph 5 Years	125 mph 5 Years	Wind Load,125mph Twist Moment Max 125mph Wind Axial Force lb Warranty	0 16 1 Year
TESSCO Part No.	**456145** NEW	**416198** NEW	**TESSCO Part No.**	**38128** N Female
List Price: T-1 Price:	$2,250.00 $1,980.00	$3,350.00 $2,948.00	List Price: T-1 Price:	$550.00 $476.85
Ship lb.: T-2 Price:	315 lb. $1,845.00	630 lb. $2,747.00	Ship lb.: T-2 Price:	5 lb. $458.70
Ship kg.: T-3 Price:	143.17 kg. $1,687.50	286.34 kg. $2,512.50	Ship kg.: T-3 Price:	2.27 kg. $440.00

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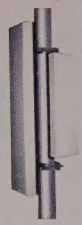
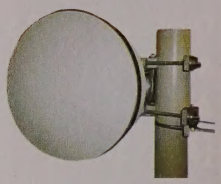
Antennas, Microwave Products

Waves V-H5-60	Radio Waves SEC-2V-5H-90	Radio Waves SEC-2H-5V-60	Gabriel Electronics Inc. SSP1-2357	Radio Waves SP1-2/5NS
				
el 60 degree sector dual tenna. Vertical (2.4) and ntal (5.7) polarization. Light- and rugged. Standard mount.	Flat panel 90 degree sector dual band antenna. Vertical (2.4) and Horizontal (5.7) polarization. Light-weight and rugged. Standard antenna mount.	Flat panel 60 degree sector dual band antenna. Vertical (2.4) and Horizontal (5.7) polarization. Light-weight and rugged. Standard antenna mount.	Dual Band - Spread Spectrum / ISM solid parabolic antennas with plane polarization. Feeds are easily installed from rear of the antenna. All aluminum backstructure for excellent strength/weight combination.	Lightweight and rugged Spread Spectrum/ISM band parabolic dual band antenna. Mount provides fine adjustment of azimuth and elevation. Radome is included.
500 / 5725-5850	2400-2500 / 5725-5850 13/16	2400-2500 / 5725-5850 13/16	2.3-2.5 / 5.72-5.85 13.8/22.0 13.9/22.1 14.0/22.2	2400-2500 / 5725-5850 14/22
ecified oriz ecified	90/90 N/A Vert./Horiz Not Specified	Not Specified Not Specified Horizontal or Vertical Not Specified	27.8/11.4 Not Specified Plane Polarized 20/20	28/14 Deg. N/A Vert./Horiz. Not Specified
B	30/30 dB 1.7:1 14	35 1.5.1 14	24/32 1.50 14	25/28 dB 1.5:1 14
essurized unt ecified	N/A Non-pressurized Pipe Mount N/A Not Specified	N/A Non-pressurized Pipe Mount Not specified 41.5" x 8.5" x 4"	1 Non-pressurized 2-4" Pipe Mnt strength/weight combination. 14" x 20" x 24"	N/A Non-pressurized Pipe Mount N/A Not Specified
ecified ecified	Not Specified Not Specified 1 Year	Not Specified Not Specified 1 Year	Not Specified Not Specified 1 Year	Not Specified Not Specified 1 Year
N Female $890.00 $765.40 g. $738.70	**14548** N Female $890.00 $890.00 10 lb. $765.40 4.54 kg. $738.70	**14360** N Female $890.00 $890.00 10 lb. $765.40 4.54 kg. $738.70	**52591** N Female $710.00 $615.57 40 lb. $592.14 18.18 kg. $568.00	**51781** N Female $490.00 $490.00 18 lb. $367.50 8.18 kg. $352.80

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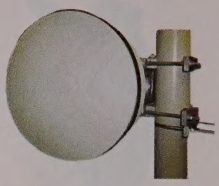
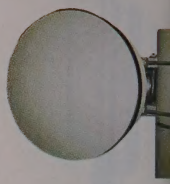
Dual Band 2.3-2.5 & 5.25-5.85 Antenna [345-40]

Manufacturer Table	Gabriel Electronics Inc. SSP2-2357	Radio Waves SP3	Gabriel Electronics Inc. SSP4-2357	Radio Waves SP4
				
Product Narrative	Dual Band - Spread Spectrum / ISM solid parabolic antennas with plane polarization. Feeds are easily installed from rear of the antenna. All aluminum backstructure for excellent strength/weight combination.	Lightweight and rugged Spread Spectrum/ISM band parabolic dual band antenna. Mount provides fine adjustment of azimuth and elevation.	Dual Band - Spread Spectrum / ISM solid parabolic antennas with plane polarization. Feeds are easily installed from rear of the antenna. All aluminum backstructure for excellent strength/weight combination	Lightweight and rugged Spre Spectrum/ISM band parabol band antenna. Mount provid adjustment of azimuth and e tion.
Frequency Gain at Low (dBi) Gain at Mid (dBi) Gain at High (dBi)	2.3-2.5 / 5.72-5.85 20.3/28.2 20.7/28.3 21.1/28.4	2400-2500 / 5725-5850 21.1/28.3	2.3-2.5 / 5.72-5.85 26.3/34.3 26.7/34.4 27.1/34.5	2400-2500 / 5725-5850 27.5/34.3
Nom. Mid Band Beamwidth Mid Band Vert. Beamwidth (deg) Polarization XPD (dB)	27.8/11.4 Not Specified Plane Polarized 23/20	9.5 Deg. N/A Vert./Horiz. Not Specified	6.8/2.8 Not Specified Plane Polarized 23/20	7.3/2.8 Deg. N/A Vert./Horiz. Not Specified
Front to Back Ratio (dB) VSWR (max) Return Loss (dB)	30/38 1.50 14	28/36 dB 1.4:1/1.35:1 14	38/46 1.50 14	35/42 dB 1.5:1 14
Diameter Pressure Mount Type Weight Lbs. (kg) Ship Dim. (L x W x H Inches)	2 Non-pressurized 2-4" Pipe Mnt 45 30" x 14" x 34"	N/A Non-pressurized Pipe Mount 16 Not Specified	4 Non-pressurized 2-4" Pipe Mnt 180.00 57" x 20" x 61"	N/A Non-pressurized Pipe Mount N/A Not Specified
Wind Load,125mph Twist Moment Max 125mph Wind Axial Force lb Warranty	0 290 1 Year	14 Not Specified 1 Year	0 960 1 Year	Not Specified Not Specified 1 Year
TESSCO Part No.	**77770** N Female	**14316** N Female	**64556** N Female	**14343** N Female
List Price: T-1 Price:	$950.00 $823.65	$1,330.00 $1,330.00	$1,625.00 $1,408.88	$1,740.00 $1,740
Ship lb.: T-2 Price:	45 lb. $792.30	18 lb. $1,143.80	180 lb. $1,355.25	175 lb. $1,496
Ship kg.: T-3 Price:	20.45 kg. $760.00	8.18 kg. $1,103.90	81.81 kg. $1,300.00	79.54 kg. $1,444

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7.125 to 8.4 GHz Antennas [345-50]

	el Electronics Inc. 2357	Radio Waves SP6	Andrew Corporation PL6-71W	RFS Cablewave DA8-W71AC
Product Narrative	and - Spread Spectrum / ISM arabolic antennas with plane ation. Feeds are easily d from rear of the antenna. minum backstructure for nt strength/weight combina-	Lightweight and rugged Spread Spectrum/ISM band parabolic dual band antenna. Mount provides fine adjustment of azimuth and elevation.	7.125-8.400 GHz low VSWR standard Single polarized antenna with CPR112G flange. 6ft diameter with 40.3 dBi mid-band.	High Performance series antennas offer better performance with low VSWR and improved radiation pattern characteristics. Designed for applications where suppression of sidelobes amd increased front-to-back ratios are required to minimize interference.
Frequency	/ 5.72-5.85	2400-2500 / 5725-5850	7.125 - 8.4 GHz	7.125 to 7.75 GHz
Gain at Low (dBi)	7.8		39.7	42.6
Gain at Mid (dBi)	7.9	30.5/37.0	40.3	43.0
Gain at High (dBi)	3.0		41.1	43.3
Nom. Mid Band Beamwidth	ecified	4.8/2.0 Deg.	Not Specified	1.1
Polarization	olarized	N/A	Single	Single
XPD (dB)		Vert./Horiz.	30	30
Front to Back Ratio (dB)		Not Specified	48	68
VSWR (max)		38/45 dB	1.10	1.06
Return Loss (dB)		1.5:1	26.4	Not Specified
		14		
Diameter	ressurized	N/A	6'	8'
Pressure	e Mnt	Non-pressurized	Not Specified	0.3
Mount Type		Pipe Mount	CPR112G	CPR112G
Weight Lbs. (kg)	4" x 83"	N/A	680 Lbs.	682 (310)
Ship Dim. (L x W x H Inches)		Not Specified	107x48x99	91 x 109 x 72
Warranty		Not Specified Not Specified 1 Year	3 Years	5 Years
TESSCO Part No.	N Female	**14345** N Female	**427137**	**462393** NEW
List Price: T-1 Price:	00 $1,929.08	$2,265.00 $2,265.00	$3,040.00 $2,584.00	$8,745.00 $7,695.60
Ship lb.: T-2 Price:	$1,855.65	250 lb. $1,947.90	680 lb. $2,508.00	200 lb. $7,170.90
Ship kg.: T-3 Price:	kg. $1,780.00	113.62 kg. $1,879.95	309.06 kg. $2,477.60	90.90 kg. $6,558.75

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Manufacturer Table	RFS Cablewave DA10-W71AC	Manufacturer Table	RFS Cablewave DA6-107AC	RFS Cablewave DA8-107AC
7.125 to 8.4 GHz Antennas [345-50]		**10.7 to 11.7 GHz Antennas [345-52]**		
Product Narrative	High Performance series antennas offer better performance with low VSWR and improved radiation pattern characteristics. Designed for applications where suppression of sidelobes amd increased front-to-back ratios are required to minimize interference.	Product Narrative	High Performance Series antennas offer better performance with low VSWR and improved radiation pattern characteristics. Designed for applications where suppression of sidelobes and increased front to back ratios are required to minimize performance.	High Performance Series ant offer better performance wit VSWR and improved radiatio tern characteristics. Designe applications where suppressi sidelobes and increased front back ratios are required to m mize performance.
Frequency	7.125 to 7.75 GHz	Frequency	10.7 to 11.7 GHz	10.7 to 11.7 GHz
Gain at Low (dBi)	44.6	Gain at Low (dBi)	43.7	46.1
Gain at Mid (dBi)	44.9	Gain at Mid (dBi)	44.0	46.4
Gain at High (dBi)	45.3	Gain at High (dBi)	44.5	46.9
Nom. Mid Band Beamwidth	0.9	Polarization	Single	Single
Polarization	Single	XPD (dB)	30	30
XPD (dB)	30			
Front to Back Ratio (dB)	70	Front to Back Ratio (dB)	69	70
VSWR (max)	1.06	VSWR (max)	1.08	1.06
Return Loss (dB)	Not Specified			
Diameter	10'	Diameter	6'	8'
Pressure	0.3	Pressure	0.3	0.3
Mount Type	CPR112G	Mount Type		
Weight Lbs. (kg)	925 (420)	Weight Lbs. (kg)	440 (200)	682 (310)
Ship Dim. (L x W x H Inches)	132 x 95 x 99	Ship Dim. (L x W x H Inches)	80 x 80 x 32	91 x 109 x 72
		Wind Load	150 mph	125 mph
Warranty	5 Years	Warranty	5 Years	5 Years
TESSCO Part No.	**485347** NEW	**TESSCO Part No.**	**480364** NEW CPR90G	**419105** NEW CPR90G
List Price: T-1 Price:	$11,110.00 $9,776.80	List Price: T-1 Price:	$7,050.00 $6,204.00	$8,745.00 $7,695.6
Ship lb.: T-2 Price:	1430 lb. $9,110.20	Ship lb.: T-2 Price:	575 lb. $5,781.00	1044 lb. $7,170.9
Ship kg.: T-3 Price:	649.94 kg. $8,332.50	Ship kg.: T-3 Price:	261.34 kg. $5,287.50	474.50 kg. $6,558.7

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facturer	Mobile Mark, Inc. OD3-2400	Maxrad, Inc MFB-24004	Cushcraft/Signals S2403BP12NF	Cushcraft/Signals S2403BH12NF
00-2500 MHz erglass/Omni tennas 5-61]				
	Omnidirectional	Fiberglass Omni	Omni Fiberglass	Omni Fiberglass
ct Narrative	Omnidirectional ABS antenna for spread spectrum (ISM) systems.	Omnidirectional ISM base antenna designed to cover whole band at 1.5:1 VSWR. No need for ground plane and can be mast, wall or ceiling mounted. Includes MMK11 Ceiling Mount.	Economy omnidirectional fiberglass antenna for spread spectrum systems. UV-stabilized polycarbonate radome.	Economy omnidirectional fiberglass antenna for spread spectrum systems. UV-stabilized polycarbonate radome.
l Freq. (MHz)	2400-2500	2400-2500	2400-2500	2400-2500
idth (MHz)	100	100	100	100
Bd)	1	1.85	3	3
Bi)	3.0	4	5.1	5.1
um Input Power (Watts)	100 Watts	25 Watts	50 Watts	50 Watts
ation	Vertical	Vertical	Vertical	Vertical
mwidth	N/A	Omni	N/A	N/A
eamwidth	55 Deg.	N/A	38 Deg.	38 Deg.
o Back Ratio (dB)	N/A	N/A	N/A	N/A
	1.5:1	1.5:1	1.5:1	1.5:1
g Prot.	N/A	N/A	DC Ground	DC Ground
Size	17" x 1.15"	8.1" long .63" radome	13.5" x 2"	13.5" x 2"
	1.5	.30 Lbs.	0.41	0.41
Wind Velocity (MPH)	100	125	125	125
oad, (sq ft)	0.5	0.04 sq.ft.	0.22	0.22
Thrust @ RWV (lbs)	N/A	3.20 Lbs.	N/A	N/A
Moment @ RWV (ft lbs)	N/A	1.32 ft-Lbs.	N/A	N/A
ation	N Female	N Female	None	None
Included	None	None	Pigtail w/ N Female	TLC92463--RG58 Grade--Pigtail w/ N Female
g Style	For up to 2" pipe	Pole,wall and ceiling	For 2" pipe	Drop ceiling
Hdw. Incl.	Yes	Ceiling Mount, MMK11	Clamps	For drop ceiling
ty	1 Year	2 Years	1 Year	1 Year
O Part No.	**430004** 2400-2500	**25454** 2400-2483	**19585** 2400-2500	**90599** 2400-2500
e: T-1 Price:	$111.00 $77.70	$106.00 $54.06	$69.75 $50.20	$69.75 $50.20
T-2 Price:	1.5 lb. $72.15	1 lb. $51.94	0.46 lb. $48.81	0.6 lb. $48.81
T-3 Price:	0.68 kg. $69.38	0.45 kg. $49.82	0.21 kg. $47.41	0.27 kg. $47.41

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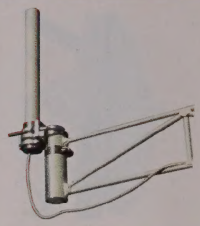
2400-2500 MHz Fiberglass/Omni Antennas [345-61]

Manufacturer Table	Maxrad, Inc MMO24005	Maxrad, Inc MFB-24006	Mobile Mark, Inc. OD6-2400	Maxrad, Inc MFB25007
				
Type	Fiberglass Omni	Fiberglass Omni	Omnidirectional	Fiberglass Omni
Product Narrative	Omnidirectional ISM base antenna designed to cover 2400 to 2485 MHz with a VSWR of less than 1.5:1. White in color.	Omnidirectional ISM base antenna designed to cover whole band at 1.5:1 VSWR. No need for ground plane, can be mounted in variety of locations.	Omnidirectional ABS antenna for spread spectrum (ISM) systems.	Omnidirectional MMDS base antenna designed to cover the whole band at 1.5:1 VSWR. Ca mounted in a variety of locatio
General Freq. (MHz)	2400-2500	2400-2500	2400-2500	2500-2700
Bandwidth (MHz)	85 MHz	100	100	200
Gain (dBd)	3.4 +/- .5	3.85	4	4.9
Gain (dBi)	5.5 +/- .5	6	6	7
Maximum Input Power (Watts)	5	25 Watts	100 Watts	25 Watts
Polarization	Vertical	Vertical	Vertical	Vertical
H. Beamwidth	Omni	Omni	N/A	Omni
Vert. Beamwidth	32 Deg.	N/A	32 Deg.	13
Front to Back Ratio (dB)	N/A	N/A	N/A	N/A
VSWR	1.5:1	1.5:1	1.5:1	1.5:1
Lightning Prot.	DC Grounded	N/A	N/A	N/A
Overall Size	11.3" x 1"OD radome	11.6" long .63" radome	17" x 1.15"	20.2" long x .63" radome
Weight	.50	.35 Lbs.	2.0	.50 Lbs.
Rated Wind Velocity (MPH)	125 MPH	125	100	125
Wind Load, (sq ft)	N/A	0.055 sq.ft.	0.5	0.06 sq.ft.
Lateral Thrust @ RWV (lbs)	N/A	3.76 Lbs.	N/A	5.2 Lbs.
Bending Moment @ RWV (ft lbs)	N/A	2.39 ft-Lbs.	N/A	4.4 ft-Lbs.
Termination	RP TNC male	N Female	N Female	N Female
Jumper Included	36" RG58/U	None	None	None
Mounting Style	pole	Ceiling, pole or wall	For up to 2" pipe	Ceiling, pole or wall
Mount Hdw. Incl.	pipe mount	Sold Separate	Yes	Sold Separate
Warranty	2 Years	2 Years	1 Year	2 Years
TESSCO Part No.	**493303** NEW 2400-2485	**44722** 2400-2483	**93132** 2400-2500	**470355** NEW 2500-2700
				434367 NEW 2500-2700
List Price: T-1 Price:	$87.00 $44.37	$136.65 $69.68	$168.00 $117.60	$149.80 $76.40
Ship lb.: T-2 Price:	1 lb. $42.63	1 lb. $66.94	2 lb. $109.20	1 lb. $73.41
Ship kg.: T-3 Price:	0.45 kg. $40.89	0.45 kg. $64.21	0.91 kg. $105.00	0.45 kg. $70.41

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d, Inc 24008	Mobile Mark, Inc. OD9-2400PTA	Mobile Mark, Inc. OD9-2400	Maxrad, Inc MFB24010	Mobile Mark, Inc. OD12-2400PTA
lass Omni	Omnidirectional	Omnidirectional	Fiberglass Omni	Omnidirectional
directional ISM base antenna ed to cover whole band at VSWR. No need for a ground can be mounted in variety of ns.	Omnidirectional ABS antenna for spread spectrum (ISM) systems. Features reverse gender TNC connector.	Omnidirectional ABS antenna for spread spectrum (ISM) systems.	Omnidirectional ISM base antenna is designed to cover whole band at 1.5:1 VSWR. No need for a ground plane and can be mast, wall or ceiling mounted.	Omnidirectional ABS antenna for spread spectrum (ISM) systems. Features reverse gender TNC connector.
500	2400-2500	2400-2500	2400-2500	2400-2500
	100	100	100	100
	7	7	7.9	10
	9	9	10	12
tts	100 Watts	100 Watts	25 Watts	100 Watts
l	Vertical	Vertical	Vertical	Vertical
	N/A	N/A	Omni	N/A
	17 Deg.	17 Deg.	N/A	7 Deg.
	N/A	N/A	N/A	N/A
	1.5:1	1.5:1	1.5:1	1.5:1
ong x .63" radome	N/A	N/A	N/A	N/A
	27" x 1.15"	17" x 1.15"	36" long	40" x 1.15"
	2.0	2.0	.65 Lbs.	2.0
.ft.	100	100	125 MPH	100
s.	0.5	0.5	0.17 sq.ft.	0.5
Lbs.	N/A	N/A	15.4 Lbs.	N/A
	N/A	N/A	22.6 ft-Lbs.	N/A
ale	Reverse TNC	N Female	N Female	Reverse TNC
	None	None	None	None
pole or wall	For up to 2" pipe	For up to 2" pipe	Ceiling, pole or wall	For up to 2" pipe
parate	Yes	Yes	Sold Separate	Yes
	1 Year	1 Year	2 Years	1 Year
2400-2483	**40475** 2400-2500	**41525** 2400-2500	**25421** 2400-2483	**27261** 2400-2500
0 $76.40	$234.00 $163.80	$206.00 $144.20	$275.00 $140.25	$373.00 $261.10
$73.41	2 lb. $152.10	2 lb. $133.90	1 lb. $134.75	2 lb. $242.45
$70.41	0.91 kg. $146.25	0.91 kg. $128.75	0.45 kg. $129.25	0.91 kg. $233.13

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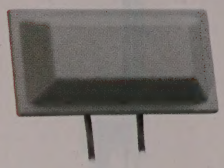
Manufacturer Table	Mobile Mark, Inc. OD12-2400	Manufacturer Table	Cushcraft/Signals S2402DSX24MMX	Cushcraft/Signals S2406DSP12NF
2400-2500 MHz Fiberglass/Omni Antennas [345-61]		**2400-2500 MHz Panel Antennas [345-63]**		
Type	Omnidirectional	Type	Diversity Directional	Diversity Directional
Product Narrative	Omnidirectional ABS antenna for spread spectrum (ISM) systems.	Product Narrative	Cushcraft's integrated diversity antenna designs feature two separate 2 dBi omnidirectional radiating elements. Offices, health care facilities, educational or industrial campuses and shopping malls are just a few of the common applications for this antenna.	This spatial diversity directional antenna package offers two 6.5 patch antennas in one easy to ins assembly. Ideal for offices, healt care facilities, educational and industrial campuses and shoppin malls.
General Freq. (MHz)	2400-2500			
Bandwidth (MHz)	100			
Gain (dBd)	10			
Gain (dBi)	12			
Maximum Input Power (Watts)	100 Watts			
Polarization	Vertical	Frequency (MHz)	2400-2500	2.4-2.5 GHz
H. Beamwidth	N/A	Bandwidth	100 MHz	100 MHz
Vert. Beamwidth	7 Deg.	Gain (dBd)	0	4.5
Front to Back Ratio (dB)	N/A	Gain (dBi)	2	6.5
VSWR	2:1	Maximum Input Power (Watts)	10	10
Lightning Prot.	N/A	Polarization	Linear	Linear
Overall Size	40" x 1.15"	H. Beamwidth	Omni	80 degrees
Weight	2.0	Vert. Beamwidth	80 Deg.	55 Deg.
		Front to Back Ratio (dB)	Not specified	17 dB
		VSWR	1.7:1	1.5:1 (nominal)
Rated Wind Velocity (MPH)	100	Lightning Protection	DC Ground	DC Ground
Wind Load, (sq ft)	0.5	Overall Size	5.25 x 2.75 x 0.75 inches	6.5 x 4.75 x 0.8 inches
Lateral Thrust @ RWV (lbs)	N/A	Weight	0.3 lb (0.14 Kg)	0.36 lb (0.16 Kg)
Bending Moment @ RWV (ft lbs)	N/A			
		Rated Wind Velocity (MPH)	N/A	N/A
		Wind Load, (sq ft)	N/A	N/A
		Lateral Thrust @ RWV (lbs)	N/A	N/A
		Bending Moment @ RWV (ft lbs)	N/A	N/A
Termination	N Female	Termination	2x MMCX	2 N Female
Jumper Included	None	Jumper Included	2x 24" Plenum Ultralink	2x 12" Plenum Ultralink
Mounting Style	For up to 2" pipe	Mounting Style	Ceiling grid	Direct wall
Mount Hdw. Incl.	Yes	Mount Hdw. Incl.	Yes	Yes
Warranty	1 Year	Warranty	1 Year	1 Year
TESSCO Part No.	**78868** 2400-2500	**TESSCO Part No.**	**422346** NEW 2400-2500	**486333** NEW 2.4-2.5 GHz
List Price: T-1 Price:	$345.00 $241.50	List Price: T-1 Price:	$141.30 $101.74	$129.65 $93.34
Ship lb.: T-2 Price:	1.5 lb. $224.25	Ship lb.: T-2 Price:	1 lb. $98.91	1 lb. $90.75
Ship kg.: T-3 Price:	0.68 kg. $215.63	Ship kg.: T-3 Price:	0.45 kg. $96.09	0.45 kg. $88.15

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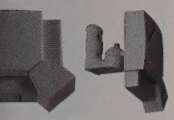
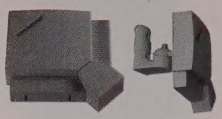
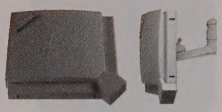
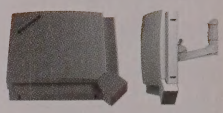
d, Inc 08	Gabriel Electronics Inc. DFPS.5-23	Maxrad, Inc MP24012CPLXFPT	Maxrad, Inc MP24013XFPTFC	Maxrad, Inc MP24013XFPTNF
				
onal Panel	Directional Panel	Directional Panel	Directional Panel	Directional Panel
onal panel designed to maximum gain in a small low package. Gray UV stabilized accepts non-metallic paints. used indoors or outdoors.	Lightweight panel antenna. Paintable rigid radome. Mount accomodates +/- 20 degrees of adjustment.	This Directional Panel Antenna from Maxrad features patened printed circuit board design. Attractive, low profile housing. All models provide efficient and stable performance across the band.	Directional panel designed to obtain maximum gain in a small, low profile package. Gray UV stabilized radome accepts non-metallic paints. Can be used indoors or outdoors.	Directional panel designed to obtain maximum gain in a small, low profile package. Gray UV stabilized radome accepts non-metallic paints. Can be used indoors or outdoors.
500 Hz	2300-2500 200 MHz 8.3 10.3 Not Specified	2300-2500 MHz 200 10 12 20	2300-2500 200 MHz 11 13 20	2300-2500 200 MHz 11 13 20
	Plane 53 Deg 35 Deg. 28 1.50:1	Linear Vertical 35 35 Deg. > 20 dB 1.5:1	Vertical 35 Deg 35 Deg. >18 1.5:1	Vertical 35 Deg 35 Deg. >18 1.5:1
ound 7 x 1.5 inches .23 Kg)	Not Specified 12" x 7" x 10" 1.9 lb (0.9 Kg)	DC Ground 8.8" x 8.1" x 1.6" 0.5 lb (0.23 Kg)	DC Ground 8.8 x 8.1 x 1.6 inches 1.2 lb (0.54 Kg)	DC Ground 8.8 x 8.1 x 1.6 inches 1.2 lb (0.54 Kg)
cified	125 Not specified 16 1 (max)	Not Specified Not Specified 27.9 Not Specified	100 Not specified 27.9 N/A	100 Not specified 27.9 Not specified
le l Surface/Pole	N Female None MM mast mount	N Female 12" RG58 Wall or Mast Mount	TNC Female 12" RG58 Surface/pole mounting	N Female 12" RG/58 Surface/pole mounting
	Yes	No. Option skus: 492396, 434394, 411108, 432108	No. Option skus: 492396, 434394, 411108, 432103	No. Option skus: 492396, 434394, 411108, 432103
	1 Year	2 Years	2 Years	2 Years
4 2300-2500 $61.20 $58.80 $56.40	**50927** 2300-2500 $275.00 $238.43 5 lb. $229.35 2.27 kg. $220.00	**443319** NEW 2300-2500 MHz $189.50 $96.65 0.05 lb. $92.86 0.02 kg. $89.07	**449190** NEW 2300-2500 $180.00 $91.80 3 lb. $88.20 1.36 kg. $84.60	**78020** NEW 2300-2500 $180.00 $91.80 1 lb. $88.20 0.45 kg. $84.60

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2400-2500 MHz Panel Antennas [345-63]

Manufacturer Table	Maxrad, Inc WISP24013PTNF	Radiall/Larsen PA4142400N	Cushcraft/Signals S24015P12NF	Maxrad, Inc MP24015PTNF
Type	Panel	Directional Panel	Directional Panel	Directional Panel
Product Narrative	The WISP Performance directional panel antennas are designed to provide maximum gain at 2.4GHz frequencies. With a VSWR of less than 1.6:1, all models provide efficient and stable performance across the band. These robust antennas are designed for outdoor applications.	Four element Directional array panel antenna. Mounting hardware included.	Cushcraft's S24015P12NF antenna offers the user a high gain alternative to a yagi antenna in a much smaller package. The antenna is enclosed in a weather resistant, UV stable housing that can be either wall or mast mounted on it's articulating mount.	The MAXRAD directional pane antennas are designed to cover quencies between 2300 and 25 MHz with a VSWR of less than 1.5:1, obtaining maximum gain a small, low-profile package. Th antennas provide efficient and s ble performance across the ban and can be mounted in a wide v ety of indoor or outdoor locati
Frequency (MHz)	2300-2500	2400- 2485	2400-2500	2300-2500
Bandwidth	200 MHz	85 MHz	100 MHz	200 MHz
Gain (dBd)	11.0	12.2	13	13
Gain (dBi)	13.0	14.2	15	15
Maximum Input Power (Watts)	20	10 Watts	10	>20
Polarization	vertical or horizontal	Vertical	Linear	Vertical
H. Beamwidth	35 Deg	30 Deg	31 degrees	40 Deg
Vert. Beamwidth	35 Deg.	30 Deg.	29 Deg.	19 Deg.
Front to Back Ratio (dB)	>18	20 dB	24	>25
VSWR	<1.6:1	1.5:1	1.5:1	<1.5:1
Lightning Protection	Not Specified	DC Ground	DC Ground	DC Ground
Overall Size	8.8 x 8.1 x 1.6 inches	9.4 x 8.5 x 0.75 inches	10 x 10 x 1.5 inches	7.3" x 13.8" x 1.5"
Weight	1.2 lb (0.54 Kg)	2 lb (0.91 Kg)	1.5 lb (0.68 Kg)	1.5 lb (0.68 Kg)
Rated Wind Velocity (MPH)	100	Not Specified	Not specified	100
Wind Load, (sq ft)	Not specified	Not specified	Not specified	Not specified
Lateral Thrust @ RWV (lbs)	27.9	Not specified	Not specified	40
Bending Moment @ RWV (ft lbs)	Not specified	Not Specified	Not specified	Not Specified
Termination	N Female	N Female	N Female	N Female
Jumper Included	12" RG58/U	None	12" Ultralink	12" RG58/u
Mounting Style	mast	Surface/pole mounting	Wall or mast	0.75- 2.4" pipe
Mount Hdw. Incl.	H.D. outdoor adj.	yes	Yes	Yes
Warranty	2 Years	3 Years	1 Year	2 Years
TESSCO Part No.	**435386** NEW 2300-2500	**80189** 2400- 2485	**420355** NEW 2400-2500	**61483** 2300-2500
List Price: / T-1 Price:	$81.85 / $41.74	$148.35 / $96.42	$168.90 / $121.59	$191.00 / $97.41
Ship lb.: / T-2 Price:	3.5 lb. / $40.10	3 lb. / $89.00	3 lb. / $118.21	5 lb. / $93.59
Ship kg.: / T-3 Price:	1.59 kg. / $38.46	1.36 kg. / $81.59	1.36 kg. / $114.84	2.27 kg. / $89.77

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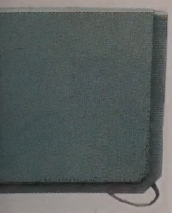
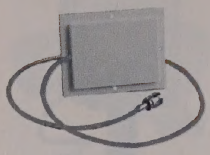
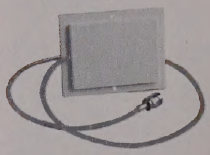
l, Inc 18XFPT	Maxrad, Inc WISP24018PTNF	Gabriel Electronics Inc. DFPD2-23	Cushcraft/Signals S2406PL	Cushcraft/Signals S2406DSP
				
onal Panel	Panel	Directional Panel	Directional Patch	Directional Patch
AXRAD Xtremewave direc- anel antennas are designed r the ISM band frequencies VSWR of less than 1.5:1, ng maximum gain with an ve, low-profile package. All provide efficient, stable per- ce across the band and have mounting options.	The WISP Performance directional panel antennas are designed to provide maximum gain at 2.4GHz frequencies. With a VSWR of less than 1.6:1, all models provide efficient and stable performance across the band. These robust antennas are designed for outdoor applications.	Lightweight panel antenna. Paintable rigid radome. Quick-Align Mount provides for +/- 20 deg adj.	Patch antennas provide excellent hemispherical patterns for data transmission. Mounts easily indoors or outside. Off white/bone color.	Spatial diversity directional antenna package offers two 6.5 dBi patch antennas in one easy to install assembly. Dual pigtail leads for connecting to diversity radios.
500 Hz	2300-2500 200 MHz 16.0 18.0 20	2300-2500 200 MHz 19.6 21.7 Not Specified	2400-2500 100 4 6 N/A	2400-2500 100 6.5 6.5 50 Watts
	vertical or horizontal 18 Deg 19 Deg. >25 <1.6:1	Plane 10 Deg 10 Deg. 40 1.50:1	Vertical 75 Deg 65 Deg. 18 dB 1.5:1	Linear 75 Deg 53 Deg. 17 1.5:1
ound 3.9 x 1.9 inches .77 Kg)	Not Specified 15.1 x 13.9 x 1.9 inches 3.9 lb (1.77 Kg)	Not Specified 2 ft diag 10 lb (4.5 Kg)	No 2.5" x 2.5" x 0.5" 0.5	No 6.5" x 4.75" x 0.75" .36
ecified ecified	100 Not specified 85 Not specified	125 Not Specified 203 Not Specified	N/A N/A N/A N/A	N/A N/A N/A N/A
le 58/U pigtail (corner exit) /pole mounting	N Female 12" RG58/U mast	N Female None Quick Align Mount	N Female 12" Ultralink Cable Wall mount	N Female (Two) 12" Cable Wall mount
separately	H.D. outdoor adj.	Yes	N/A	N/A
	2 Years	1 Year	1 Year	1 Year
2300-2500 $156.57 $150.43 $144.29	**468318** NEW 2300-2500 $131.05 $66.82 8 lb. $64.20 3.64 kg. $61.58	**20227** 2300-2500 $840.00 $728.28 15 lb. $700.56 6.82 kg. $672.00	**27516** 2400-2500 $70.00 $50.40 0.8 lb. $49.00 0.36 kg. $47.60	**413017** 2400-2500 $129.65 $93.34 0.84 lb. $90.75 0.38 kg. $88.15

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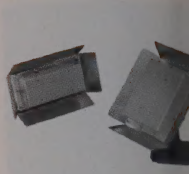
2400-2500 MHz Panel Antennas [345-63]

Manufacturer Table	ARC Wireless Solutions AAI-00090	ARC Wireless Solutions AAI-00089	ARC Wireless Solutions AAI-00091	Andrew Broadband Wireless DL-2412
				
Type	Single Patch	Single Patch	Single Patch	Directional Panel
Product Narrative	This flat antenna provides cleaner signal, broader beamwidth and helps eliminate ghosting. Also allows for more installation options.	This flat antenna provides cleaner signal, broader beamwidth and helps eliminate ghosting. Also allows for more installation options.	This flat antenna provides cleaner signal, broader beamwidth and helps eliminate ghosting. Also allows for more installation options.	Microceptor WLAN/ISM antenn has excellent crosspole patterns Lightweight and durable. Elevati mount adjusts 60 degrees in 10 degrees increments.
Frequency (MHz)	2400-2500	2400-2500	2400-2500	
Bandwidth	100	100	100	100
Gain (dBd)	6.5	6.5	6.5	8.9
Gain (dBi)	8.5	8.5	8.5	11
Maximum Input Power (Watts)	100 Watts	100 Watts	100 Watts	50 Watts
Polarization	Linear	Linear	Linear	Dual
H. Beamwidth	60 Deg.	60 Deg	60 Deg.	75 Deg.
Vert. Beamwidth	60 Deg.	60 Deg.	60 Deg.	27 Deg.
Front to Back Ratio (dB)	GT30dB	>30	GT30dB	GT 25 dB
VSWR	1.5:1	1.5:1	1.5:1	1.4:1
Lightning Protection	Direct Ground	Direct Ground	Direct Ground	DC Ground
Overall Size	5.15" x 5.15" x .82" Deep	5.15" x 5.15" x .82" Deep	5.15" x 5.15" x .82" Deep	7.5" x 11"
Weight				1.4
Rated Wind Velocity (MPH)	150 mph	150 mph	150 mph	140 MPH
Wind Load, (sq ft)				.52 sq. ft.
Lateral Thrust @ RWV (lbs)	5 lbs. 100 mph	5 lbs. 100 mph	5 lbs. 100 mph	49.4 Lbs
Bending Moment @ RWV (ft lbs)	N/A	N/A	N/A	N/A
Termination	SMA Female	N Female w/ LMR200	TNC Female	N Female
Jumper Included	None	Yes	None	None
Mounting Style	Bracket or Wall	Bracket or Wall	Bracket or Wall	Clamps to 1"-2" O.D. mast
Mount Hdw. Incl.	Yes	Yes	Yes	Adjustable elevation mnt
Warranty	2 Years	2 Years	2 Years	5 Years
TESSCO Part No.	**440063** 2400-2500	**414009** 2400-2500	**456038** 2400-2500	**425138**
List Price: T-1 Price:	$55.00 $36.30	$55.00 $36.30	$55.00 $36.30	$794.40 $689.54
Ship lb.: T-2 Price:	1 lb. $35.20	0.5 lb. $35.20	1 lb. $35.20	20 lb. $631.55
Ship kg.: T-3 Price:	0.45 kg. $34.10	0.23 kg. $34.10	0.45 kg. $34.10	9.09 kg. $579.92

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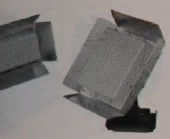
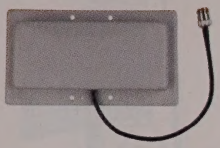
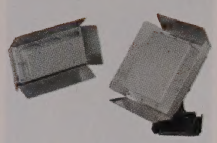
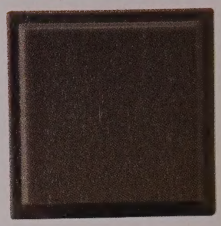
w Broadband Wireless 12	Maxrad, Inc MP24011FC	Cushcraft/Signals S24012P12NF	Andrew Broadband Wireless DL-2402	ARC Wireless Solutions AAI-00079
				
onal Panel	Directional Panel	Directional Panel	Directional Panel	Four Patch
eptor WLAN/ISM antenna xcellent crosspole patterns. eight and durable. Elevation adjusts 60 degrees in 10 increments.	Directional panel for WLAN are designed to obtain maximum gain in a small low profile package. Gray UV stabilized radome accepts non-metallic paints.	Low profile directional antenna well suited for both indoor and outdoor wall or mast mount applications. Ideal for offices, health care facilities, campuses and shopping malls.	Microceptor WLAN/ISM antenna has excellent crosspole patterns. Lightweight and durable. Elevation mount adjusts 60 degrees in 10 degrees increments.	This flat antenna provides cleaner signal, broader beamwidth and helps eliminate ghosting. Also allows for more installation options.
2500 tts	2300-2500 200 9 11 20 Watts	2400 - 2500 100 10 12 50 Watts	2400-2500 100 10.9 13 50 Watts	2400-2500 100 11 13 100 Watts
  dB	Vertical 35 Deg. 65 Deg. GT 18 dB 1.5:1	Linear 25 Deg 65 Deg. Not specified 1.5:1	Dual 27 Deg. 47 Deg. GT 40 dB 1.4:1	Linear 38 Deg. 38 Deg. GT30dB 1.5:1
ound 1"	DC Ground 8.6" x 4.3" x 1.1" .44	Not Specified 6" x 13" x 1" 1.6 lb (0.73 Kg)	DC Ground 7.5" x 11" 1.4	Direct Ground 8.5" x 8.5" x 1.25" Deep
PH ft. s	100 N/A N/A N/A	Not specified N/A Not specified Not specified	140 MPH .52 sq. ft. 49.4 Lbs N/A	150 mph 5 lbs. 100 mph N/A
ale to 1"-2" O.D. mast	TNC Female None Surface/pole mounting	N Female 12" Pigtail w/ N Female Surface	N Female None Clamps to 1"-2" O.D. mast	Flange, N Female None Ball Mount Bracket
ble elevation mnt	U bolt & V block are included. Optional Tilt Bracket MPAB-4 Sku # 414189	Wall Mount	Adjustable elevation mnt	Yes
	2 Years	1 Year	5 Years	2 Years
2400 - 2500 $68.96 $63.16 $58.00	**30325** 2300-2500 $147.75 $75.34 1 lb. $72.39 0.45 kg. $69.43	**87133** 2400 - 2500 $133.00 $95.76 2 lb. $93.10 0.91 kg. $90.44	**40856** 2400-2500 $79.45 $68.96 1.92 lb. $63.16 0.87 kg. $58.00 **499105** 2400-2500 $794.40 $689.54 20 lb. $631.55 9.09 kg. $579.92	**492074** 2400-2500 $87.50 $57.75 1 lb. $56.00 0.45 kg. $54.25

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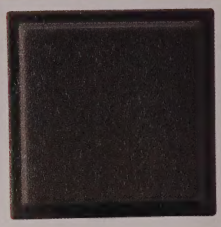
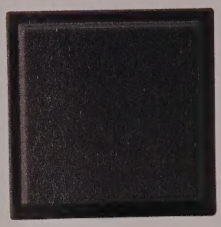
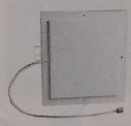
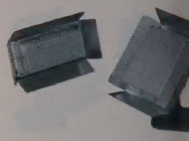
2400-2500 MHz Panel Antennas [345-63]

Manufacturer Table	ARC Wireless Solutions AAI-00080	ARC Wireless Solutions AAI-00081	Radiall/Larsen R380.500.210	Andrew Broadband Wireless QD-2127
				
Type	Four Patch	Four Patch	Directional Panel	Flat Planar Array
Product Narrative	This flat antenna provides cleaner signal, broader beamwidth and helps eliminate ghosting. Also allows for more installation options.	This flat antenna provides cleaner signal, broader beamwidth and helps eliminate ghosting. Also allows for more installation options.	2.4 GHz 15dBi outdoor planar array antenna for WLL and broad-band access applications. Includes mounting hardware.	Designed to fill the need for a h performance antenna with a smaller, more attractive look, th Microceptor meets the need for aesthetically pleasing antenna w highly discriminative patterns.
Frequency (MHz)	2400-2500	2400-2500	2400-2500	2100-2700
Bandwidth	100	100	100	600 MHz
Gain (dBd)	11	11	13	14
Gain (dBi)	13	13	15	16
Maximum Input Power (Watts)	100 Watts	100 Watts	20 Watts	Not specified
Polarization	Linear	Linear	Linear Vertical	Plane
H. Beamwidth	38 Deg.	38 Deg.	23 Deg.	27 Deg
Vert. Beamwidth	38 Deg.	38 Deg.	22 Deg.	27 Deg.
Front to Back Ratio (dB)	GT30dB	GT30dB	-23 dB maximum	>30
VSWR	1.5:1	1.5:1	1.5:1	1.5:1
Lightning Protection	Direct Ground	Direct Ground	DC Ground	Not Specified
Overall Size	8.5" x 8.5" x 1.25" Deep	8.5" x 8.5" x 1.25" Deep	12.1"w x 12.1"h x 1.3"d	10.75 x 11 inches
Weight			6	2 lb (0.91 Kg)
Rated Wind Velocity (MPH)	150 mph	150 mph	N/A	140
Wind Load, (sq ft)			N/A	Not specified
Lateral Thrust @ RWV (lbs)	5 lbs. 100 mph	5 lbs. 100 mph	N/A	77
Bending Moment @ RWV (ft lbs)	N/A	N/A	N/A	Not specified
Termination	Flange, SMA Female	Flange, TNC Female	N Female	N Female
Jumper Included	None	None	2m SHF 142	None
Mounting Style	Bracket	Bracket	Cylindrical mast bracket *** will mount to a 1.18" (30 mm) to 1.97" (50 mm) O.D. mast ***	1- 2" pipe
Mount Hdw. Incl.	No	No	Yes	Yes
Warranty	2 Years	2 Years	1 Year	3 Years
TESSCO Part No.	**485065** 2400-2500	**482009** 2400-2500	**423089** 2400-2500	**453341** NEW 2100-2700
List Price: T-1 Price:	$87.50 $57.75	$87.50 $57.75	$125.00 $81.25	$103.30 $89.67
Ship lb.: T-2 Price:	1 lb. $56.00	1 lb. $56.00	6 lb. $75.00	3 lb. $82.13
Ship kg.: T-3 Price:	0.45 kg. $54.25	0.45 kg. $54.25	2.73 kg. $68.75	1.36 kg. $75.41

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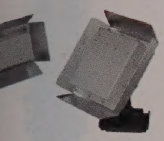
Broadband Wireless 02	Gabriel Electronics Inc. DFPS1-23(M1)	Gabriel Electronics Inc. DFPS1-23	ARC Wireless Solutions AAI-00084	Radio Waves SEC-25V-180-10
				
nal Panel	Directional Panel	Directional Panel	16 Patch	Sector Panel
ptor WLAN/ISM antenna ellent crosspole patterns. ight and durable. Elevation djusts 60 degrees in 10 increments.	Lightweight panel antenna. Paintable rigid radome. Mini-mount mounting system.	Lightweight panel antenna. Paintable rigid radome. Quick-align mount provides for +/- 20 degrees of adjustment. Optional mast clamp kit for other mounting pipe sizes.	This flat antenna provides cleaner signal, broader beamwidth and helps eliminate ghosting. Also allows for more installation options.	Wide sector design in a rugged, lightweight package. Offers low wind loads and is easily installed.
00 s	2300-2500 200 MHz 14.5 16.5 Not specified	2300-2500 200 MHz 14.5 16.5 Not specified	2400-2500 100 17 19 100 Watts	2400-2700 300 MHz 7.5 9.5 Not specified
B	Plane 24 Deg 21 Deg. 32 1.50:1	Plane 24 Deg 21 Deg. 32 1.50:1	Linear 18 Deg. 18 Deg. GT30dB 1.5:1	Vertical 180 Deg 16 Deg. 20 1.5:1
und 11"	Not Specified 1 ft square 7 lb (3.2 Kg)	Not Specified 1 ft square 7 lb (3.2 Kg)	Direct Ground 15.5" x 15.5" x 1.125" Deep	Not Specified 25.5 x 8.5 x 4.0 inches 5 lb (2.3 Kg)
H .	125 Not specified 56 21	125 Not specified 56 21	150 mph 10lbs. 100 mph .2	N/A Not specified Not specified Not specified
e co 1"-2" O.D. mast	N Female None 1.9-4.5" pipe (mini-mount) Yes 1 Year	N Female None 2.375" (60mm) pipe Quick-align mount Yes 1 Year	Flange, N Female None Ball Mount Bracket Yes 2 Years	N Female None 2.5-4.5" pipe Yes 3 Years
2400-2500 $82.68 $75.73 $69.54	**85048** 2300-2500 $660.00 $572.22 12 lb. $550.44 5.45 kg. $528.00	**98262** 2300-2500 $625.00 $541.88 12 lb. $521.25 5.45 kg. $500.00	**424077** 2400-2500 $100.00 $66.00 4 lb. $64.00 1.82 kg. $62.00	**481119** NEW 2400-2700 $595.00 $595.00 13 lb. $511.70 5.91 kg. $493.85

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2400-2500 MHz Panel Antennas [345-63]

Manufacturer Table	Radiall/Larsen R2405H490	Radio Waves SEC-25V-180-13	Radiall/Larsen R2405H460	Radio Waves PRO-24H-90-13
Type	Sector Panel	Sector Panel	Sector Panel	Sector Panel
Product Narrative	Horizontally polarized 90 deg sector antenna designed for wireless data in the ISM band.	Wide sector design in a rugged, lightweight package. Offers low wind loads and is easily installed.	Horizontally polarized 60 deg sector antenna designed for wireless data in the ISM band.	Pro-vider value series flat pane tor antenna. Lightweight and r ged. Standard antenna mount.
Frequency (MHz)	2400-2483	2400-2700	2400-2483	2400-2500
Bandwidth	83 MHz	300 MHz	83 MHz	100 MHz
Gain (dBd)	10	10.5	11.4	11
Gain (dBi)	12	12.5	13.5	13
Maximum Input Power (Watts)	25	Not specified	25	Not Specified
Polarization	Horizontal	Vertical	Horizontal	Horizontal
H. Beamwidth	90 deg	180 Deg	60 Deg	90 Deg
Vert. Beamwidth	16 Deg.	8 Deg.	16 Deg.	16 Deg.
Front to Back Ratio (dB)	20	20	20	25
VSWR	1.5:1	1.5:1	1.5:1	1.70:1
Lightning Protection	Direct Ground	Not Specified	Direct Ground	Not Specified
Overall Size	20.5" x 2.6" x 7.8"	41.5 x 8.5 x 4.0 inches	20.5" x 5.1" x 2.6"	25.5 x 8.5 x 7.5 inches
Weight	2.5 lb (1.13 Kg)	7 lb (3.2 Kg)	2.5 lb (1.13 Kg)	5 lb (2.27 Kg)
Rated Wind Velocity (MPH)	125	N/A	125	125
Wind Load, (sq ft)	Not specified	Not specified	Not specified	Not specified
Lateral Thrust @ RWV (lbs)	Not specified	Not specified	Not specified	85
Bending Moment @ RWV (ft lbs)	Not Specified	Not specified	Not Specified	Not Specified
Termination	N Female	N Female	N Female	N Female
Jumper Included	None	None	None	None
Mounting Style	Cylindrical mast bracket	2.5-4.5" pipe	0.75-2.4" pipe	2.5"-4.5" pipe
Mount Hdw. Incl.	Clamps for .75" - 3" OD pipe	Yes	Yes	Yes
Warranty	3 Years	3 Years	3 Years	3 Years
TESSCO Part No.	**498306** NEW 2400-2483	**486399** NEW 2400-2700	**461322** NEW 2400-2483	**457119** NEW 2400-2500
List Price: / T-1 Price:	$466.10 / $302.96	$890.00 / $890.00	$466.10 / $302.96	$518.00 / $518.00
Ship lb.: / T-2 Price:	6 lb. / $279.65	18 lb. / $765.40	8 lb. / $279.65	8 lb. / $445.48
Ship kg.: / T-3 Price:	2.73 kg. / $256.35	8.18 kg. / $738.70	3.64 kg. / $256.35	3.64 kg. / $429.94

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Waves 4V-90-13	Radio Waves SEC-25H-90-13	Radio Waves SEC-25D-90-13	Maxrad, Inc MSP24013-120	Radio Waves PRO-24H-60-14
Panel	Sector Panel	Sector Panel	Sector Panel	Sector Panel
er value series flat panel sec-enna. Lightweight and rug-ndard antenna mount.	Flat panel 90 degree sector antenna. Lightweight and rugged. Standard antenna mount	Flat panel 90 degree sector antenna. Dual polarized. Lightweight and rugged. Standard antenna mount.	Xtreme Wave series sector panel antenna covering the 2.4 GHz ISM band. Features industry leading front to back ratio of more than 32 dB with excellent cross pole discrimination.	Pro-vider value series flat panel sector antenna. Lightweight and rugged. Standard antenna mount.
500 Hz ecified	2400-2700 300 MHz 11 13 Not Specified	2400-2700 300 MHz 11 13 Not Specified	2400-2500 100 MHz 11 13 50	2400-2500 100 MHz 13.4 14.5 Not Specified
	Horizontal 90 Deg 16 Deg. >25 1.50:1	Dual 90 16 Deg. >25 1.5:1	Vertical 120 Deg 16 Deg. >32 <1.5:1	Horizontal 60 Deg 16 Deg. 25 1.70:1
ecified .5 x 7.5 inches Kg)	Not Specified 25.5 x 8.5 x 7.5 inches 5 lb (2.3 Kg)	Not Specified 41.5 x 8.5 x 7.5" 7 lb (3.2 Kg)	DC Ground 21.5"L x 6.5"W x 2.8"D 4 lb (1.8 Kg)	Not Specified 25.5 x 8.5 x 7.5 5 lb (2.3 Kg)
ecified ecified	125 Not specified 85 Not specified	125 Not specified 139 Not specified	125 Not specified 43 Not Specified	125 Not specified 85 Not Specified
le " pipe	N Female None 2.5-4.5" pipe	N Female None 2.5-4.5" pipe; opt. 1.25-2.5" pipe	N Female None pipe clamp	N Female None 2.5"-4.5" pipe
	Yes	Yes	+/- 11 deg tilt bracket for .75"-2.4" OD pipe	Yes
	3 Years	3 Years	2 Years	3 Years
7 NEW 2400-2500 $398.00 $342.28 $330.34	**454353** NEW 2400-2700 $595.00 $595.00 8 lb. $511.70 3.64 kg. $493.85	**468385** NEW 2400-2700 $890.00 $890.00 10 lb. $765.40 4.54 kg. $738.70	**495041** 2400-2500 $795.00 $405.45 5 lb. $389.55 2.27 kg. $373.65	**454118** NEW 2400-2500 $518.00 $518.00 8 lb. $445.48 3.64 kg. $429.94

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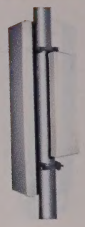
2400-2500 MHz Panel Antennas [345-63]

Manufacturer Table	Radio Waves PRO-24V-60-14	Radio Waves SEC-25V-60-14	Maxrad, Inc MSP24014-90	Maxrad, Inc MSO24014PTNF
				
Type	Sector Panel	Sector Panel	Sector Panel	Sector Panel
Product Narrative	Pro-vider value series flat panel sector antenna. Lightweight and rugged. Standard antenna mount.	Flat panel 60 degree sector antenna. Lightweight and rugged. Standard antenna mount.	Xtreme Wave series sector panel antenna covering the 2.4 GHz ISM band. Features industry leading front to back ratio of more than 42 dB with excellent cross pole discrimination.	The patent pending terrain adj able design of this new omnidi tional antenna allows sectorize adjustment of up to +/- 15 deg permitting installers to contou their coverage area according the specific geographic conditi of their territory.
Frequency (MHz)	2400-2500	2400-2700	2400-2500	2400-2500
Bandwidth	100 MHz	300 MHz	100 MHz	100
Gain (dBd)	12.4	12.4	12	12
Gain (dBi)	14.5	14.5	14	14
Maximum Input Power (Watts)	Not Specified	Not Specified	50	50
Polarization	Vertical	Vertical	Vertical	Vertical
H. Beamwidth	60 Deg	60 Deg	90 Deg	Not Specified
Vert. Beamwidth	16 Deg.	16 Deg.	16 Deg.	16 Deg.
Front to Back Ratio (dB)	25	>25	>42	Adjustable
VSWR	1.70:1	1.5:1	<1.5:1	<1.5:1
Lightning Protection	Not Specified	Not Specified	DC Ground	DC Ground
Overall Size	25.5 x 8.5 x 7.5 inches	25.5 x 8.5 x 7.5	21.5"L x 6.5"W x 2.8"W	23"x 8" x 4"
Weight	5 lb (2.3 Kg)	5 lb (2.3 Kg)	4 lb (1.8Kg)	8 lbs
Rated Wind Velocity (MPH)	125	125	125	125
Wind Load, (sq ft)	Not specified	Not specified	Not specified	125 MPH
Lateral Thrust @ RWV (lbs)	85	85	43	Not Specified
Bending Moment @ RWV (ft lbs)	Not Specified	Not Specified	Not Specified	N/A
Termination	N Female	N Female	N Female	N Female
Jumper Included	None	None	None	12" LMR 195
Mounting Style	2.5"-4.5" pipe	2.5-4.5" pipe	pipe clamp	1.25" OD pipe for direct towe mounting
Mount Hdw. Incl.	Yes	Yes	+/- 11 Deg tilt bracket for .75"-2.4" OD pipe	1.25" OD Pipe
Warranty	3 Years	3 Years	2 Years	2 Years
TESSCO Part No.	**479148** NEW 2400-2500	**490329** NEW 2400-2700	**465025** 2400-2500	**435158** 2400-2500
List Price: T-1 Price:	$428.00 $428.00	$595.00 $595.00	$795.00 $405.45	$1,995.00 $1,017.4
Ship lb.: T-2 Price:	8 lb. $368.08	8 lb. $511.70	5 lb. $389.55	10 lb. $977.55
Ship kg.: T-3 Price:	3.64 kg. $355.24	3.64 kg. $493.85	2.27 kg. $373.65	4.54 kg. $937.65

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Antenna Company 0-2400-14-TO-N	Radiall/Larsen R23044180	Radiall/Larsen R2304ISM	Maxrad, Inc MSP24016-60	Decibel Products DB977H90 Series
Panel	Sector Panel	Sector Panel	Sector Panel	Directional Panel
nel 180 degree sector a. Custom pattern design for areas. Standard mount es 0-6 degrees downtilt.	Wide Band, vertically polarized high gain 180 deg. sector antenna. Designed for wireless data applications.	Sector panel antenna with adjustable side panels for 60-160 deg sector sizes. Designed for wireless data in the ISM band.	The XtremeWave sector panel antenna covers the 2.4 GHz ISM band and provides field adjustable horizontal beamwidths. This design allows a system installer to stock a single antenna and field adjust it to the desired beamwidth , making it useful for a variety of applications. The antenna features industry leading front-to-back ratios with excellent cross pole discrimination.	ISM antenna designed for Wireless Local Loop and other applications. Made of passivated aluminum reflector, brass radiators,and UV protected PVC radome
485 z	2300-2500 200 MHz 12.9 15 200	2400-2483 83 MHz 13, 11, 10, 8.5 15, 13, 12, 10.5 200	2400-2500 100 MHz 14 16 50	2300-2500 200 MHz 14 16.15 250
l g ax	Vertical 180 Deg 7.2 Deg 15 1.5:1	Vertical 60, 90, 120, 160 Deg 14.5 Deg 20 dB (15 dB @ 160 Deg.) 1.5:1	Vertical 60 Deg 16 Deg. >42 <1.5:1	Vertical 90 Deg 7 Deg. > 25 dB 1.5:1
Ground x 6 inches .35 Kg)	DC Ground 40 x 4.9 x 4.0 inches 8 lb (3.63 Kg)	Direct Ground 20.5" x 5.1" x 3.6" 8 lb (3.63 Kg)	DC Ground 21.5"L x 6.5"W x 2.8"D 4 lb (1.8 Kg)	Direct Ground 53 x 7 x 6 6.2 lb (2.81 Kg)
	125 Not specified Not specified Not Specified	125 Not specified Not specified Not Specified	125 Not specified 43 Not Specified	100 1.8 320N N/A
le le mount	N Female None Clamps for .75" - 3" OD pipe	N Female None Clamps for .75" - 3" OD pipe	N Female None +/- 11 Deg tilt bracket for .75"-2.4" OD pipe	7/16 DIN None 1.25- 4.25" pipe
	Yes	Yes	Yes	DB390
	3 Years	3 Years	2 Years	1 Year
0 NEW 2400-2485) $692.75 $652.00 $632.44	**449121** NEW 2300-2500 $1,980.85 $1,287.54 10 lb. $1,188.50 4.54 kg. $1,089.46	**437399** NEW 2400-2483 $499.40 $324.60 10 lb. $299.63 4.54 kg. $274.66	**484086** 2400-2500 $795.00 $405.45 6 lb. $389.55 2.73 kg. $373.65	**53465** 2300-2500 $575.00 $431.25 14 lb. $422.63 6.36 kg. $414.00 **68851** 2300-2500 $550.00 $412.50 8 lb. $404.25 3.64 kg. $396.00

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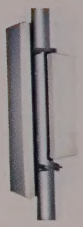
2400-2500 MHz Panel Antennas [345-63]

Manufacturer Table	Radio Waves PRO-24H-90-16	Radio Waves PRO-24V-90-16	Radio Waves SEC-25H-90-16	Radio Waves PRO-24H-60-17
				
Type	Sector Panel	Sector Panel	Sector Panel	Sector Panel
Product Narrative	Pro-vider value series flat panel sector antenna. Lightweight and rugged. Standard antenna mount.	Pro-vider value series flat panel sector antenna. Lightweight and rugged. Standard antenna mount.	Flat panel 90 degree sector antenna. Lightweight and rugged. Standard antenna mount.	Pro-vider value series flat panel tor antenna. Lightweight and ru ged. Standard antenna mount.
Frequency (MHz)	2400-2500	2400-2500	2400-2700	2400-2500
Bandwidth	100 MHz	100 MHz	300 MHz	100 MHz
Gain (dBd)	14	14	14	15.4
Gain (dBi)	16	16	16	17.5
Maximum Input Power (Watts)	Not Specified	Not Specified	Not Specified	Not Specified
Polarization	Horizontal	Vertical	Horizontal	Horizontal
H. Beamwidth	90 Deg	90 Deg	90 Deg	60 Deg
Vert. Beamwidth	8 Deg.	8 Deg.	8 Deg.	8 Deg.
Front to Back Ratio (dB)	25	25	>25	25
VSWR	1.70:1	1.70:1	1.5:1	1.70:1
Lightning Protection	Not Specified	Not Specified	Not Specified	Not Specified
Overall Size	41.5 x 8.5 x 7.5 inches	41.5 x 8.5 x 7.5 inches	41.5 x 8.5 x 7.5 inches	41.5 x 8.5 x 7.5 inches
Weight	7 lb (3.2 Kg)	7 lb (3.2 Kg)	7 lb (3.2 Kg)	7 lb (3.2 Kg)
Rated Wind Velocity (MPH)	125	125	125	125
Wind Load, (sq ft)	Not specified	Not specified	Not specified	Not specified
Lateral Thrust @ RWV (lbs)	139	139	139	139
Bending Moment @ RWV (ft lbs)	Not Specified	Not Specified	Not Specified	Not Specified
Termination	N Female	N Female	N Female	N Female
Jumper Included	None	None	None	None
Mounting Style	2.5"-4.5" pipe	2.5"-4.5" pipe	2.5" - 4.5" pipe	2.5"-4.5" pipe
Mount Hdw. Incl.	Yes	Yes	Yes	Yes
Warranty	3 Years	3 Years	3 Years	3 Years
TESSCO Part No.	**435110** NEW 2400-2500	**488141** NEW 2400-2500	**476138** NEW 2400-2700	**445161** NEW 2400-2500
List Price: T-1 Price:	$798.00 $798.00	$598.00 $598.00	$890.00 $890.00	$798.00 $798.00
Ship lb.: T-2 Price:	10 lb. $686.28	10 lb. $514.28	10 lb. $765.40	10 lb. $686.28
Ship kg.: T-3 Price:	4.54 kg. $662.34	4.54 kg. $496.34	4.54 kg. $738.70	4.54 kg. $662.34

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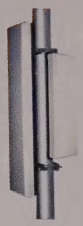
Vaves H-60-17	Radio Waves SEC-25H-60-17HP	Radio Waves SEC-25V-60-17	Phazar Antenna Company ISM90-2400-17-TO-N	RFS Celwave AP259015-52TO
				
Panel	Sector Panel	Sector Panel	Sector Panel	Directional Panel
el 60 degree sector . Lightweight and rugged. d antenna mount.	Flat panel 90 degree sector antenna. High performance series. Lightweight and rugged. Standard antenna mount.	Flat panel 60 dgree sector antenna. Lightweight and rugged. Standard antenna mount.	Flat panel 90 degree sector antenna. Custom pattern design for difficult areas. Standard mount provides 0-4 degrees downtilt.	2 way MMDS antenna providing broadband wireless data and internet connection to homes and business as well as mobile wireless subscribers. An excellent choice for ISP's utilizing the 2.4 unlicensed band as well as for wireless local loop applications.
00 z cified	2400-2700 300 MHz 15.5 17.5 Not Specified	2400-2700 300 MHz 15.4 17.5 Not Specified	2400-2485 85 MHz 15.2 17.2 250	2400-2690 290 15 17 100
tal	Horizontal 60 Deg 8 Deg. 35 1.5:1	Vertical 60 Deg 8 Deg. >25 1.5:1	Vertical 90 Deg 10 Deg. >30 1.5:1 max	Vertical 90 Deg. 5 Deg. 29 1.33:1
cified 5 x 7.5 inches Kg)	Not Specified 41.5 x 8.5 x 7.5 inches 7 lb (3.2Kg)	Not Specified 41.5 x 8.5 x 7.5 inches 7 lb (3.2 Kg)	Direct Ground 32.5 x 9.7 x 3.75 12.5 lb (5.7 Kg)	DC Ground 56" x 4.9" x 4.8" 29 Lbs.
cified cified	125 Not specified 139 Not Specified	125 Not specified 139 Not Specified	100 2.22 87 13.6	125 2.3 144 N/A
e pipe	N Female None 2.5" - 4.5" pipe	N Female None 2.5" - 4.5" pipe	N Female None Wall or 1.5- 2.75" pipe	7/16 DIN Female None Down Tilt
	Yes	Yes	Yes	APM21-4
	3 Years	3 Years	5 Years	1 Year
NEW 2400-2700 $890.00 $765.40 $738.70	**431197** 2400-2700 $1,075.00 $1,075.00 10 lb. $924.50 4.54 kg. $892.25	**494120** 2400-2700 $890.00 $890.00 10 lb. $765.40 4.54 kg. $738.70	**415300** NEW 2400-2485 $543.00 $461.55 25 lb. $434.40 11.36 kg. $421.37	**429038** 2400-2690 $850.00 $647.70 15 lb. $637.50 6.82 kg. $624.75

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2400-2500 MHz Panel Antennas [345-63]

Manufacturer Table	Maxrad, Inc MSP24013MB	Radiall/Larsen R23042ISM	RFS Celwave AP256516 Series	Phazar Antenna Company ISM90-2400-19-TO-N
Type	Adjustable Sector Panel	Adjustable Sector Panel	Directional Panel	Sector Panel
Product Narrative	The XtremeWave sector panel antenna covers the 2.4 GHz ISM band and provides field adjustable horizontal beamwidths. This design allows a system installer to stock a single antenna and field adjust it to the desired beamwidth , making it useful for a variety of applications. The antenna features industry leading front-to-back ratios with excellent cross pole discrimination.	Sector panel antenna with adjustable side panels for 60-160 deg sector sizes. Designed for wireless data in the ISM band.	The Two-Way MMDS base station hub antenna is designed to provide broadband wireless data and internet connection to homes and business as well as to mobile wireless subscribers. The antenna is an excellent choice for Internet service providers (ISPs) as well as for wireless local loop application.	Flat panel 90 degree sector antenna. Custom pattern desi difficult areas. Standard mou provides 0-4 degrees downtil
Frequency (MHz)	2400-2500	2400-2483	2400-2690	2400-2485
Bandwidth	100 MHz	83 MHz	290	85 MHz
Gain (dBd)	15, 14, 12, 11	15.4, 13.4, 12.4, 10.9	16	17.1
Gain (dBi)	17, 16, 14, 13	17.5, 15.5, 14.5, 13	18.1	19.2
Maximum Input Power (Watts)	50	200	100	250
Polarization	Vertical	Vertical	Vertical	Vertical
H. Beamwidth	45, 60, 90, 120 Deg	60, 90, 120, 160 Deg	65 Deg.	90 Deg
Vert. Beamwidth	16 Deg.	7.2 Deg	5 Deg.	6 Deg.
Front to Back Ratio (dB)	>42 max	20 dB	29	>35
VSWR	<1.5:1	1.5:1	1.33:1	1.5:1 max
Lightning Protection	DC Ground	Direct Ground	DC Ground	Direct Ground
Overall Size	21.5"L x 6.5"W x 2.8"D	40" x 5.1" x 3.6"	56" x 4.9" x 3.8"	52.75 x 9.7 x 3.75 inches
Weight	4.0 lb (1.81 Kg)	8 lb (3.63 Kg)	22 Lbs.	17.8 lb (8.0 Kg)
Rated Wind Velocity (MPH)	125	125	125	100
Wind Load, (sq ft)	Not specified	Not specified	2.3	24.7
Lateral Thrust @ RWV (lbs)	43	Not specified	144	145
Bending Moment @ RWV (ft lbs)	Not Specified	Not Specified	N/A	Not Specified
Termination	N Female	N Female	7/16 DIN Female	N Female
Jumper Included	None	None	None	None
Mounting Style	+/- 11 Deg tilt bracket for .75"-2.4" OD pipe	Clamps for .75" - 3" OD pipe	Pipe Mount	Adj. pole mount
Mount Hdw. Incl.	Yes	Yes	For 1.9" to 4.0" OD Pipe	Yes
Warranty	2 Years	3 Years	5 Years	5 Years
TESSCO Part No.	**419051** 2400-2500	**491302** NEW 2400-2483	**480167** 2400-2690	**421380** NEW 2400-2485
List Price: / T-1 Price:	$849.00 / $432.99	$965.50 / $627.58	$850.00 / $647.70	$700.00 / $595.0
Ship lb.: / T-2 Price:	6 lb. / $416.01	10 lb. / $579.30	15 lb. / $637.50	25 lb. / $560.0
Ship kg.: / T-3 Price:	2.73 kg. / $399.03	4.54 kg. / $531.03	6.82 kg. / $624.75	11.36 kg. / $543.2
			453192 2400-2690	
			$800.00 / $609.60	
			15 lb. / $600.00	
			6.82 kg. / $588.00	

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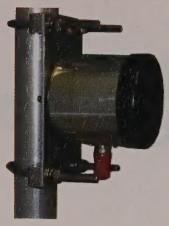
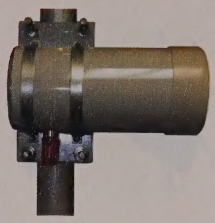
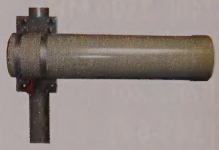
/Larsen 4	Manufacturer Table	Astron Wireless Tech. P2406	Astron Wireless Tech. P2409	Astron Wireless Tech. P2412
	2400-2500 MHz Yagi/Corner Reflector [345-64]			
able Panel	Type	Enclosed Directional	Enclosed Directional	Enclosed Directional
and, high gain sector antenna djustable side panels for 60 - g patterns. Designed for ss data applications.	Product Narrative	Exceptional solution to mid gain requirements @ 2.4 GHz Rugged, 4dB gain antenna with tubular radome to reduce wind load & increase strength.	Exceptional solution to mid gain requirements @ 2.4 GHz Rugged, 7dB gain antenna with tubular radome to reduce wind load & increase strength.	Exceptional solution to mid gain requirements @ 2.4 GHz Rugged, 10dB gain antenna with tubular radome to reduce wind load & increase strength.
500 Hz 6.4, 14.9, 13.4 5, 17, 15.5	Frequency (MHz) Bandwidth Gain (dBd) Gain (dBi) Max. Input Power	2375-2500 125 4 6 50 Watts	2375-2500 125 7 9 50 Watts	2375-2500 125 10 12 50 Watts
1 120, 160 Deg g.	Polarization H. Beamwidth V. Beamwidth Front to Back Ratio (dB) VSWR	Vertical 90 Deg. 60 Deg. 18 dB 1.2:1	Vert or Horz 70 Deg. 55 Deg. 18 dB 1.2:1	Vert or Horz 45 Deg. 40 Deg. 18 dB 1.2:1
Ground .1" x 3.6" .35 Kg)	Lightning Protection Overall Size Weight	DC Ground 4" 1.5	DC Ground 8" 2.0	DC Ground 16" 2.5
ecified ecified ecified	Rated Wind Velocity (MPH) Wind Load, (sq ft) Lateral Thrust @ RWV (lbs) Bending Moment @ RWV (ft lbs)	175 0.08 N/A N/A	150 0.21 N/A N/A	125 0.34 N/A N/A
le for .75" - 3" OD pipe	Termination Jumper Included Mounting Style Mount Hdw. Incl. Warranty	N Female None Pipe Mount V-Bolts. 2 Years	N Female None Pipe Mount V-Bolts. 2 Years	N Female None Pipe Mount V-bolts 2 Years
NEW 2300-2500 15 $1,287.54 $1,188.50 $1,089.46	**TESSCO Part No.** List Price: T-1 Price: Ship lb.: T-2 Price: Ship kg.: T-3 Price:	**99588** 2375-2500 $139.00 $125.10 8 lb. $118.15 3.64 kg. $113.98	**34767** 2375-2500 $149.00 $134.10 8 lb. $126.65 3.64 kg. $122.18	**14148** 2375-2500 $169.00 $152.10 4.5 lb. $143.65 2.05 kg. $138.58

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2400-2500 MHz Yagi/Corner Reflector [345-64]

Manufacturer Table	Mobile Mark, Inc. SCR14-2400	Antenex YE240015	Astron Wireless Tech. P2415	Cushcraft/Signals PC2415N
Type	Corner Reflector	15 Element Enclosed Yagi	Enclosed Directional	Directional Yagi
Product Narrative	Directional corner reflector antenna for spread spectrum (ISM) systems.	The YE series 2.4 GHz Yagi antenna features a rugged construction and is completely sealed and cannot be disassembled by hand. The Antenex enclosed Yagi antenna is 12.5 dB gain, constructed of 15 brass elements and has a folded dipole feed.	Exceptional solution to mid gain requirements @ 2.4 GHz Rugged, 13dB gain antenna with tubular radome to reduce wind load & increase strength.	15 element yagi antenna for sp spectrum systems.
Frequency (MHz)	2400-2500	2400-2500	2375-2500	2400-2500
Bandwidth	100	80	125	100
Gain (dBd)	12	12.5	13	13.9
Gain (dBi)	14	14.6	15	16
Max. Input Power	100 Watts	N/A	50 Watts	200 Watts
Polarization	Vertical	Vertical	Vert or Horz	Vertical
H. Beamwidth	35 Deg.	30 @1/2p	27 Deg.	34 Deg.
V. Beamwidth	44 Deg.	N/A	26 Deg.	30 Deg.
Front to Back Ratio (dB)	22 dB	GT 20.0 dB	18dB min.	18 dB
VSWR	1.5:1	2.1-1	1.2:1	1.5:1
Lightning Protection	DC Ground	N/A	DC Ground	DC Ground
Overall Size	7" x 10.5"	18.0" long 1.3" radome	32"	26"
Weight	1.5	.76 Lbs.	3	3
Rated Wind Velocity (MPH)	100	100	100	125
Wind Load, (sq ft)	0.5	N/A	0.60	N/A
Lateral Thrust @ RWV (lbs)	N/A	N/A	N/A	N/A
Bending Moment @ RWV (ft lbs)	N/A	N/A	N/A	N/A
Termination	N Female	N Female	N Female	None
Jumper Included	None	18" LMR-195 jumper	None	N Female
Mounting Style	For up to 2" pipe	Mast	Pipe Mount	Pipe Mount
Mount Hdw. Incl.	Bracket	U Bolts	V-bolts	U-bolts
Warranty	1 Year	2 Years	2 Years	2 Years
TESSCO Part No.	**65654** 2400-2500	**94207** 2400-2500	**61148** 2375-2500	**14571** 2400-2500
List Price: T-1 Price:	$197.00 $137.90	$245.00 $122.50	$179.00 $161.10	$157.00 $113.04
Ship lb.: T-2 Price:	1.53 lb. $128.05	0.8 lb. $117.60	8 lb. $152.15	3 lb. $109.90
Ship kg.: T-3 Price:	0.70 kg. $123.13	0.36 kg. $115.15	3.64 kg. $146.78	1.36 kg. $106.76

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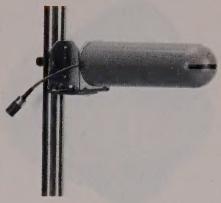
Antennas, Microwave Products

ad, Inc 24014PT	Maxrad, Inc WISP24015PTNF	Radiall/Larsen R2411	Maxrad, Inc MYP24015PTRPC	Maxrad, Inc MYP24015PTNF
				
tional yagi	Yagi	Shrouded Yagi	Directional Yagi	Directional Yagi
RAD XtremeWave MYP Yagi antenna features ed principal plane beam- s with excellent sidelobe sup- on and cross-polarization ion of more than 20 dB.	The Maxrad WISP yagis can be used as bridge antennas between two networks or for point-to-point communications. They are field adjustable for vertical or horizontal polarization with matched principal plane beamwidths for optimum performance in either orientation. Comes with a robust mounting structure for consistent performance in all weather conditions.	Yagi antenna with vertical or horizontal polorization. Includes mounting hardware for 0.75"-3"pipe.	The Maxrad WISP yagis can be used as bridge antennas between two networks or for point-to-point communications. They are field adjustable for vertical or horizontal polarization with matched principal plane beamwidths for optimum performance in either orientation.	The Maxrad WISP yagis can be used as bridge antennas between two networks or for point-to-point communications. They are field adjustable for vertical or horizontal polarization with matched principal plane beamwidths for optimum performance in either orientation.
2485 Hz ecified	2400-2485 85 MHz 13 15 Not specified	2400-2483 84 9.4 11.5 100	2400-2485 85 MHz 13 15 Not Specified	2400-2485 85 MHz 13 15 Not Specified
g g l	Horizontal or Vertical 30 Deg 30 Deg 30 <1.5:1	Vertical or Horizontal 47 42 18 1.5:1 max	Plane 30 Deg. 30 Deg 30 <1.50:1	Plane 30 Deg. 30 Deg 30 <1.50:1
ecified inches 5 Kg)	Not Specified 14 x 3 inches 1 lb (0.45 Kg)	Not Specified 2 lbs.	Not Specified 14 x 3 inches 1 lb (0.5 Kg)	Not Specified 14 x 3 inches 1 lb (0.5 Kg)
ecified	125 Not specified 18.3 Not specified	125 Not Specified 9 No Spec	125 0.20 18.3 Not Specified	125 0.20 18.3 Not Specified
ale x " pipe	N Female 18" Mast up to 2" Yes 2 years	N Female attached with N female connector Pipe Clamp, with 0-30 degree downtilt Clamps for 0.75" - 3" Pipe 3 Years	RP/TNC 18" Coax Up to 2" pipe Yes 2 Years	N Female 18" Coax Up to 2" pipe Yes 2 Years
3 NEW 2400-2485) $91.50 $87.84 $86.01	**411321** NEW 2400-2485 $125.60 $64.04 2 lb. $61.53 0.91 kg. $59.02	**450323** NEW 2400-2483 $163.20 $106.07 2 lb. $97.91 0.91 kg. $89.75	**457301** NEW 2400-2485 $183.00 $91.50 2 lb. $87.84 0.91 kg. $86.01	**481303** NEW 2400-2485 $183.00 $91.50 2 lb. $87.84 0.91 kg. $86.01

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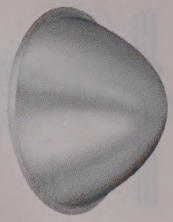
Radome Covers [345-60]

Manufacturer Table	Radio Waves Radiowaves RD-2	RFS Cablewave 311236	Radio Waves Radiowaves RD-3	Radio Waves Radiowaves RD-4
				
Type	Conical	Fiberglass Radome	Conical	Conical
Product Narrative	Molded radome made of ABS plastic, UV inhibited to protect the antenna from severe environmental conditions, paintable.	Radomes provide protection from snow and ice and reduce antenna windloading.	Molded radome for 2.4 and 5.8 GHz dish antennas. Molded of UV inhibited ABS plastic to protect the antenna from severe environmental conditions. Paintable.	Radome for SP4-5.8 Antenna.
Attenuation dB @ 2.0 GHz	0.2	N/A	0.2	0.2
Attenuation dB @ 6.0 GHz	0.4	0.3	0.4	0.4
VSWR Contribution @ 2.0 GHz	0.02	0.02	0.02	0.02
VSWR Contribution @ 6.0 GHz	0.04	0.03	0.04	0.04
Diameter -ft	2	2	3	4
Warranty	1 Year		1 Year	1 Year
TESSCO Part No.	**66068**	**49776**	**83497** NEW	**78234**
List Price: T-1 Price:	$195.00 $195.00	$385.00 $338.80	$280.00 $280.00	$340.00 $340.00
Ship lb.: T-2 Price:	5 lb. $167.70	10 lb. $315.70	8 lb. $240.80	20 lb. $292.40
Ship kg.: T-3 Price:	2.27 kg. $161.85	4.54 kg. $288.75	3.64 kg. $232.40	9.09 kg. $282.20

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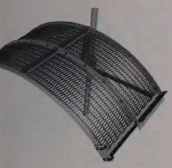
ss Solutions 0 Antenna Shield	Gabriel Electronics Inc. M4S-1SE	RFS Cablewave 310770-001	Andrew Corporation 207106	Radio Waves Radiowaves RD-6
				
ave Antenna Shield	spherical	Fiberglass Radome	4' Tegular Radome Kit	Conical
ld mounts to the top of a 4- D antenna mounting pipe litional stability is provided .H.S cable anchored to the To facilitate this anchoring, /8" a 12" turnbuckles and #7 cable are included.	Unheated radomes protect antennas from snow and ice. Reduce windloading designed to withstand winds up to 125 mph. Grey color fiberglass.	Radomes provide protection from snow and ice and reduce antenna windloading.	This kit prevents damage to the untensioned radome edge between J-bolt anchor points caused by unusually high gusting winds. Kit includes stainless steel edge protector strips and attachment hardware. The strips are fastened in pairs to form a band around the edge of the radome.	Molded radome for 2.4 and 5.8 GHz dish antennas. Molded of UV inhibited ABS plastic to protect the antenna from severe environmental conditions. Paintable.
	0.1 0.3 0.02 0.03	0.1 0.3 0.02 0.03	Not Specified Not Specified Not Specified Not Specified	0.2 0.4 0.02 0.04
with 4ft Antenna	4 1 Year	4 1 Year	4 3 Years	6 1 Year
0 NEW	**97538**	**53631**	**415170** NEW	**83509**
00 $1,837.50	$241.00 $208.95	$595.00 $523.60	$800.00 $680.00	$720.00 $720.00
$1,818.75	130 lb. $201.00	100 lb. $487.90	16 lb. $660.00	55 lb. $619.20
g. $1,800.00	59.08 kg. $192.80	45.45 kg. $446.25	7.27 kg. $652.00	25.00 kg. $597.60

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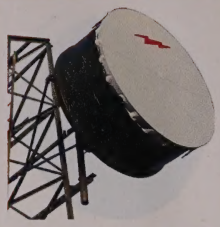
Radome Covers [345-60]

Manufacturer Table	Andrew Corporation 45665-1	Gabriel Electronics Inc. M6-1SE	RFS Cablewave 310771-001	Andrew Corporation 45665-2
				
Type	Teglar Flexible Planar Radome	Conical	Fiberglass Radome	Teglar Flexible Planar Radom
Product Narrative	TEGLAR is a polymer coated fiberglass material that provides the greatest protection to microwave antennas in harsh environments. TEGLAR radomes are standard with all Andrew Ultra High Performance and UMX multiband antennas. They are optional for the High Performance antennas.	Unheated radomes protect antennas from snow and ice. Reduce windloading designed to withstand winds up to 125 mph. Grey color fiberglass.	Radomes provide protection from snow and ice and reduce antenna windloading.	TEGLAR is a polymer coated glass material that provides th greatest protection to microw antennas in harsh environmen TEGLAR radomes are standa with all Andrew Ultra High Pe mance and UMX multiband a nas. They are optional for the Performance antennas.
Attenuation dB @ 2.0 GHz	Not Specified	0.1	0.1	Not Specified
Attenuation dB @ 6.0 GHz	Not Specified	0.5	0.4	Not Specified
VSWR Contribution @ 2.0 GHz	Not Specified	0.02	0.02	Not Specified
VSWR Contribution @ 6.0 GHz	Not Specified	0.03	0.03	Not Specified
Diameter -ft	6	6	6	8
Warranty	3 Years	1 Year	1 Year	3 Years
TESSCO Part No.	**491112** NEW	**19009**	**39866**	**465184** NEW
List Price: T-1 Price:	$1,140.00 $1,003.20	$720.00 $624.24	$820.00 $721.60	$1,625.00 $1,430.
Ship lb.: T-2 Price:	38 lb. $974.70	170 lb. $600.48	200 lb. $672.40	38 lb. $1,389.
Ship kg.: T-3 Price:	17.27 kg. $963.30	77.26 kg. $576.00	90.90 kg. $615.00	17.27 kg. $1,373.

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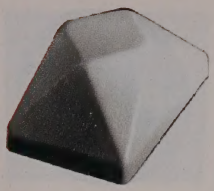
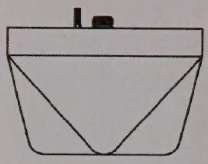
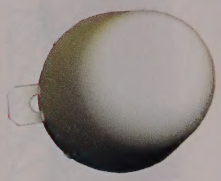
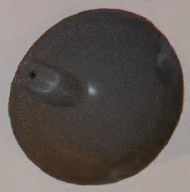
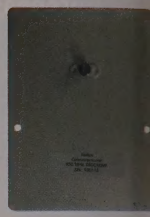
cturer	Decibel Products DB784SM5N-XT	RFS Celwave Celwave MicroTenna	RFS Celwave Celwave MicroTenna	Decibel Products DB786DC5N-XM
oor Antennas llular/SMR/ 5) 6-59]				
	SMR Indoor	Cellular Indoor	Cellular Indoor	Dual Band Indoor
Narrative	dB Diamond indoor antennas provide an attractive medium for in-building RF distribution networks.	RFS MicroTenna provides quick and easy installation for indoor applications.	RFS MicroTenna provides quick and easy installation for indoor applications.	dB Diamond dual-band indoor antenna covers 800-1000 MHz and 1550-1990, which is perfect for cellular & PCS in-building RF distribution networks.
on	Omnidirectional Ceiling Mount	High gain ceiling or wall mount	High gain ceiling or wall mount	Omnidirectional Ceiling Mount
cy (MHz)	806-869	806-894	806-894	800-1900
d)	Unity	Unity	Unity	Unity
i)	Unity	2.1	2.1	2.15
n Power (Watts)	50 Watts	50	50 Watts	50 Watts
Type	Omni with downward null	Omni-directional	Directional	Omni w/ downward null
width	N/A	360 Deg.	360 Deg.	N/A
amwidth	N/A	66 Deg.	66 Deg.	N/A
ion	Vertical	Vertical	Vertical	Vertical
Back Ratio (dB)	0 dB	Not Specified	N/A	0 dB
	1.5:1	1.5:1	1.5:1	1.5:1
Prot.	DC Ground	N/A	N/A	DC Ground
Style	Quick disconnect	Universal Wall/Ceiling	Universal Wall/Ceiling	Quick disconnect
ize	4" x 4" x 4"	4" x 4" x 4"	6" x 4" x 3"	6" x 4" x 4"
	0.05	0.45 Lbs.	0.5	0.5
ion	N Female	N Female	N Female	N Female
ncluded	None	None	None	None
	Off-white	Off-white	Off-white	Off-white
	Not Specified	Not Specified	Not Specified	Not Specified
y	1 Year	1 Year	1 Year	1 Year
D Part No.	68753 806-869	423000 806-894 MHz	478038 806-894	86700 Dual Band
T-1 Price:	$148.00 $112.48	$99.00 $75.44	$99.00 $75.44	$175.00 $133.00
T-2 Price:	2.4 lb. $110.26	0.82 lb. $74.25	0.9 lb. $74.25	1 lb. $130.38
T-3 Price:	1.09 kg. $108.78	0.37 kg. $72.77	0.41 kg. $72.77	0.45 kg. $128.63

CSI
Cellular Specialties, Inc.
Wavelink is a subsidiary of CSI

Using multiple indoor antennas?
If so, check out CSI's complete list of power dividers and combiners.

Indoor Antennas (Cellular/SMR/PCS) [346-59]

Manufacturer Table	RFS Celwave Celwave MicroTenna	Antenna Specialists ASP3561	Allgon Telecom 7336.00	Centurion CAF95952
				
Type	Multiband Indoor	Indoor Antenna	Multiband Indoor	Omnidirectional Patch Anten
Product Narrative	RFS MicroTenna provides quick and easy installation for indoor applications.	Combines trunking, cellular, GSM, ISM, DCS1800, PCS1900, frequencies into one indoor antenna. Low profile blends easily with internal enviroment for unobstrusive appearance.	Ceiling mount omnidirectional multiband antenna. Ideal for indoor corridor coverage. 360 Degree horizontal beamwidth. RF element is silver plated.	Ideal for integrating into almo device, the Microsphere's sma and low profile allow it to eas in a variety of locations. The directional pattern of this ant is suited to a variety of uses, ing hand-held devices, in-build systems or other applications where mobility is a factor.
Application	High gain ceiling or wall mount	For use with indoor applications from Cellular to PCS.	Corridor Coverage	The Microsphere antenna is designed for indoor or imbed applications.
Frequency (MHz)	806-2700	806-960,1710-1990MHz	806-960/1420-2400	806-896
Gain (dBd)	Unity	0	0	.85
Gain (dBi)	2.1	0 (2.5dBi)	3	3
Maximum Power (Watts)	50	50 Watts	40 Watts	50 Watts
Pattern Type	Omni-directional		Omni-Directional	Omnidirectional
H. Beamwidth	360 Deg.	Omnidirectional	360 Deg.	240 Deg.
Vert. Beamwidth	66 Deg.		N/A	80 Deg.
Polarization	Vertical	Vertical		Omni
Front to Back Ratio (dB)	N/A		No Spec	
VSWR	1.5:1	2.1	1.5:1	1.5:1
Lightning Prot.	N/A	DC Ground	No Spec	None
Mounting Style	Universal Wall & Ceiling Mount	Ceiling Mounting Hardware Included	Ceiling	Ceiling or Wall Mount
Overall Size	6" x 4" x 4"	8.1" round diameter	65" H x 185" D	4.5" x 3.4" x 1"
Weight	2.0	0.7	1	0.125 Lbs
Termination	N Female	N Female	N Female	RG142 Plenum Jumper w/SM Female
Jumper Included	None	None	None	None
Color	Off-white	Off-White	Off-white	White
Paintable	Not Specified	Not Specified	Not Specified	No
Warranty	1 Year		1 Year	1 Year
TESSCO Part No.	**481081** 806-2700 MHz	**29131** 806-960,1710-1990MHz	**422147** 806-960/1420-2400	**479035** 806-896
List Price: T-1 Price:	$99.00 $75.44	$99.00 $50.00	$98.00 $88.20	$91.65 $72.40
Ship lb.: T-2 Price:	2 lb. $74.25	0.7 lb. $49.21	5.1 lb. $83.30	0.2 lb. $71.48
Ship kg.: T-3 Price:	0.91 kg. $72.77	0.32 kg. $48.61	2.32 kg. $78.40	0.09 kg. $68.73

In-Building

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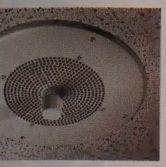
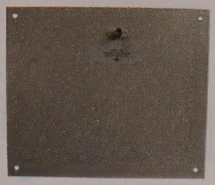
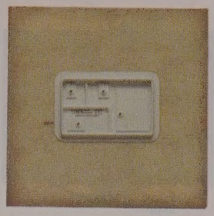
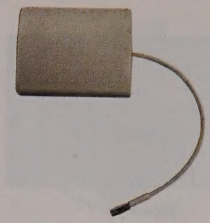
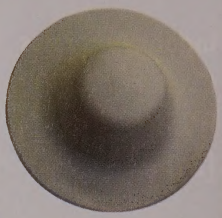
Antennas, Indoor

Inc B800/1900	Centurion CAF94135	Centurion CAF94102	Centurion CAF94126	Cellular Specialties CSI-AO/800/2K/3
				
Antenna	Dual Band Omnidirectional	Dual Band Omnidirectional embedded Ceiling Tile	Dual Band Omnidirectional	Indoor Omnidirectional Antenna
file ceiling mount antenna l as a speaker baffle. Wide- tuning. Ground plane is ired. Paintable.	Ideal for integrating into almost any device, the Microsphere's small size and low profile allow it to easily fit in a variety of locations. The omnidirectional pattern of this antenna is suited to a variety of uses, including hand-held devices, in-building systems or other applications where mobility is a factor.	The ceiling Panel Antenna provides superior aesthetics over traditional antennas because the antenna is invisible from below and perfectly matches the rest of the ceiling. Also this dualband antenna will be used in voice applications enables operation with either voice band without additional panels.	Self contained in it's durable sleek radome, the Whisper antennas are designed to blend in anywhere. The 60 degree pattern makes this a great choice for wireless local loop, in-building wireless, WLAN, DECT, WPBX and broadband Internet access.	Dual band omnidirectional ceiling mount antenna.
overage	The Microsphere antenna is designed for indoor or imbedded applications.	Use in office and healthcare, Education and transportation applications	The Microsphere antenna is designed for indoor, in-vehicle or imbedded applications.	Ceiling Mount
1710-1990	806-896/1850-1990 .85 3 50 Watts	806-896/1850-1990 .85 3 50 Watts	880-960/1710-1880 .85 3 50 Watts	800-896 & 1710-1990 1 3 100
ectional ified	Omnidirectional 360 Deg. 80 Deg. Omni 1.5:1	Omnidirectional 240 Deg. 80 Deg. Horizontal 1.5:1	Omnidirectional 240 Deg. 80 Deg. Linear 1.5:1	Omnidirectional Omnidirectional Vertical N/A <1.8:1
Baffle D x 2-1/8"	None Ceiling or Wall Mount 6.25" x 5.35" x 1" 0.125 Lbs	None Ceiling 2' x 2' x 4' 0.125 Lbs	None Ceiling or Wall Mount 5.08" x 6.14" x 1" 0.125 Lbs	DC Ground Ceiling 7.25" x 7.25" x 3.2" 2 lbs
Bulkhead	RG142 Plenum Jumper w/SMA Female None White No 1 Year	SMA Female None White No 1 Year	SMA Female None White No 1 Year	N Female Pigtail White Yes 1 Year
NEW 806-960/1710-1990 $56.10 $53.90 $51.70	**474069** 806-896/1850-1990 $111.60 $88.14 0.2 lb. $87.02 0.09 kg. $83.67	**492007** 806-896/1850-1990 $102.00 $80.58 0.2 lb. $79.56 0.09 kg. $76.50	**461007** 880-960/1710-1880 $111.60 $88.14 0.2 lb. $87.02 0.09 kg. $83.67	**481318** NEW 800-960 MHz & 1710-1990 MHz $145.00 $111.51 2 lb. $103.53 0.91 kg. $96.72

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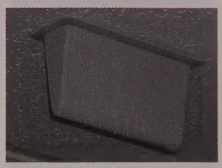
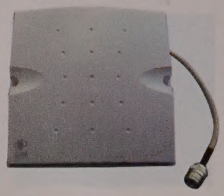
Indoor Antennas (Cellular/SMR/PCS) [346-59]

Manufacturer Table	Maxrad, Inc MLPC800	Maxrad, Inc MHA806PT	Cellular Specialties CSI-AS/806-896/4	Astron Wireless Tech. DH-8195
				
Type	Ceiling Mount	Bi-Directional Indoor	Indoor Omnidirectional Antenna	Dual Band MicroCell
Product Narrative	Low profile ceiling mount antenna disguised as a speaker baffle. Wide-band, no tuning. Ground plane is not required. Paintable.	Point to point bi-directional ceiling antenna designed for minimum visibility and efficent coverage. Includes 12" UL 910 rated plenum cable with attached connector. Discrete, bi-directional design makes this antenna ideal for building corridors, schools and dormitories. Easy to install on standard ceiling tiles or solid ceiling surfaces.	Indoor omnidirectional ceiling mount antenna.	Excellent for in-building netw Hemispherical coverage for s rior radiation pattern. Low p design for pleasing appearanc
Application	Area Coverage	Corridor Coverage	Ceiling Mount	Hemispherical ceiling mount
Frequency (MHz)	800-960	See Below	806-896	815-2000
Gain (dBd)	1.85	2	2	2.85
Gain (dBi)	4	4	4	5 dBi
Maximum Power (Watts)	150 Watts	25 Watts	10 Watts	25 Watts
Pattern Type	N/A	Bi-directional		Hemispherical
H. Beamwidth	N/A	N/A	Omnidirectional	360 Deg.
Vert. Beamwidth	N/A	N/A	Omnidirectional	120 & 60
Polarization	N/A	Vertical	Linear	Elliptical
Front to Back Ratio (dB)	N/A	N/A	N/A	12 dB
VSWR	<1.5:1	<1.5:1	<2:1	1.2:1
Lightning Prot.	N/A	DC Ground	DC Ground	DC Ground
Mounting Style	Ceiling Speaker Baffle	Ceiling Stud Mount	Ceiling	Flange Mounting Holes
Overall Size	12 7/8" dia. X 2 3/4"H	6.5" x 3.9" x 2.3"	6" x 6" x 1.25"	7" x 7" x 6"
Weight	3.0	6 ounces	0.7 lbs	<1 lb.
Termination	N Female Bulkhead	N Female	N Female	N Female
Jumper Included	None	12" UL910 Plenum	Pigtail	12" RG58/U
Color	Off-white	Off-white	White	Off-white
Paintable	Yes	Not Specified	Yes	Not Specified
Warranty	2 Years	2 Years	1 Year	2 Years
TESSCO Part No.	**71765** 800-960	**433014** 806-866 MHz	**492357** NEW 806-896	**35433** 815-915/1850
List Price: T-1 Price:	$99.00 $50.49	**459137** NEW 824-896 MHz	$144.00 $110.74	MHz
Ship lb.: T-2 Price:	3 lb. $48.51	**469310** NEW 890-960 MHz	1 lb. $102.82	$197.00 $177.3
Ship kg.: T-3 Price:	1.36 kg. $46.53	$109.00 $54.50	0.45 kg. $96.05	2 lb. $167.4
		2 lb. $52.32		0.91 kg. $161.5
		0.91 kg. $51.23		

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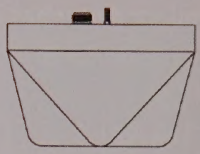
Antennas, Indoor

nex 063	Antenex MIA8063 Wall	Astron Wireless Tech. H-8355	Astron Wireless Tech. H8605	Decibel Products DB786SD5N
				
Polarized Field Diversity	Dual Polarized Field Diversity	Hemi MicroCell	MicroCell "Hemi" Antenna	Cellular/ISM Indoor
Iden antenna for connection DA	The MIA8063 multiversity indoor antenna to maximize the flexibility and effectiveness of indoor communications. This low cost antenna provides effective and clear communication for any in-building application	Excellent for in-building networks. Hemispherical coverage for superior radiation pattern. Low profile design for pleasing appearance.	Excellent for in-building networks. Hemispherical coverage for superior radiation pattern. Low profile design for pleasing appearance.	dB Diamond indoor antennas provide an attractive medium for in-building use. Bidirectional pattern with high signal below antenna.
Ceiling Mount	Indoor Wall Mount	Hemispherical ceiling mount	Hemispherical ceiling mount	Very high ceiling, wall
9 atts	806-869 2.85 5 100 Watts	806-866 2.85 5 dBi 50 Watts	824-896 2.85 5 dBi 50 Watts	824-960 Unity 2.1 50 Watts
olarized 1	Omni - - Dual Polarized - <1.5 to 1	Hemispherical 360 Deg. 120 Deg. Elliptical 10 dB 1.1:1	Hemispherical 360 Deg. 120 Deg. Eliptical 10 dB 1.1:1	Bi-directional N/A N/A Vertical N/A 1.5:1
4" dia	N/A Wall Mount 3/4" x 4" .5 Lb	DC Ground Flange Mounting Holes 7" x 7" x 6" <1 lb.	DC Ground Flange Mounting Holes 7" x 7" x 6" <1 lb.	DC Ground Quick disconnect 6" x 4" x 4" 0.5
v/ N Female ABS ecified	- Pigtail w/ N Female White ABS Not Specified 1 Year	N Female 12" Pigtail/N-Female Off-white Not Specified 2 Years	N Female 12" RG58/U Off-white Not Specified 2 Years	N Female None Off-white Not Specified 1 Year
806-869 $103.48 $99.50 $95.52	**20452** 806-869 $199.00 $103.48 0.5 lb. $99.50 0.23 kg. $95.52	**444139** 806-866 $147.00 $132.30 1 lb. $124.95 0.45 kg. $120.54	**498197** 824-896 MHz $147.00 $132.30 2 lb. $124.95 0.91 kg. $120.54	**20292** 824-894 **58685** 870-960 $148.00 $112.48 2.4 lb. $110.26 1.09 kg. $108.78

CSI
Cellular Specialties, Inc.
Wavelink is a subsidiary of CSI

CSI now offers directional couplers. Check out available configurations and frequency ranges.

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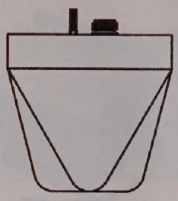
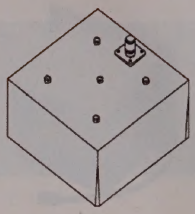
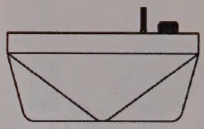
Indoor Antennas (Cellular/SMR/PCS) [346-59]

Manufacturer Table	Decibel Products DB784SM5N	Decibel Products DB781S50N	Decibel Products DB786SP5N	Maxrad, Inc MT Low Profile Telemetry A
				
Type	SMR/Cellular/ISM Indoor	Cellular Indoor Tx/Rx	Cellular/ISM Indoor	Omnidirectional
Product Narrative	dB Diamond indoor antennas provide an attractive medium for in-building use. Ceiling or wall mount,omni pattern with null directly below antenna.	dB Diamond indoor antennas provide an attractive medium for in-building RF distribution networks.	dB Diamond indoor antennas provide an attractive medium for in-building use. Great for radiating down long hallways or from very high ceilings.	MT Series antenna is designe omnidirectional coverage wit the Telemetry systems for in or outdoor use with minimur bility. Easily mounted to any s with double sided high bond
Application	Omnidirectional Ceiling Mount	Bi-directional, ceiling mount	Wall mount for corridor coverage	Telemetry
Frequency (MHz)	824-960	824-960	824-960	896-941
Gain (dBd)	Unity	Unity	Unity	2.5
Gain (dBi)	2.1	2.1	2.1	2.5 dBi
Maximum Power (Watts)	50 Watts	50 Watts	50 Watts	1 Watt Input
Pattern Type	Omni with downward null	Butterfly, null below ant.	Uni-Directional	N/A
H. Beamwidth	N/A	N/A	N/A	N/A
Vert. Beamwidth	N/A	N/A	N/A	35 Deg.
Polarization	Vertical	Vertical	Vertical	N/A
Front to Back Ratio (dB)	0 dB	N/A	18 dB	N/A
VSWR	1.5:1	1.5:1	1.5:1	<1.5:1
Lightning Prot.	DC Ground	DC Ground	DC Ground	DC Ground
Mounting Style	Quick disconnect	Four mtg. holes in backplate	Quick disconnect	Double sided High-bond tape
Overall Size	4" x 4" x 4"	12' x 12' x 12'	6" x 4" x 3"	3 O.D x 0.25 H
Weight	0.5	1.7	0.5	4 ounces
Termination	N Female	N Female	N Female	SMA Male
Jumper Included	None	None	None	6" pigtail
Color	Off-white	Off-white	Off-white	Black
Paintable	Not Specified	Not Specified	Not Specified	No
Warranty	1 Year	1 Year	1 Year	2 Years
TESSCO Part No.	**65442** 824-894	**79954** 824-894	**97078** 824-894	**422086** 896-941
List Price: T-1 Price:	**12167** 870-960	$225.00 $171.00	**45471** 870-960	$69.75 $35.58
Ship lb.: T-2 Price:	$148.00 $112.48	2.7 lb. $167.63	$175.00 $133.00	3 lb. $34.18
Ship kg.: T-3 Price:	2.4 lb. $110.26	1.23 kg. $165.38	2.4 lb. $130.38	1.36 kg. $32.79
	1.09 kg. $108.78	**37901** 870-960	1.09 kg. $128.63	
		$225.00 $169.88		
		2.7 lb. $166.50		
		1.23 kg. $163.13		

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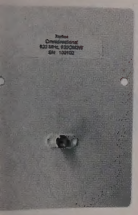
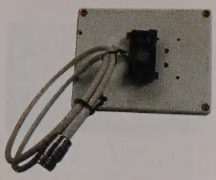
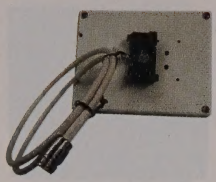
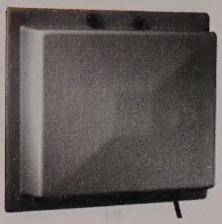
rion 956	Centurion CAF94191	Centurion CAF95984	Maxrad, Inc MP8066 Series	Antel International MPA 806
				
irectional Patch Antenna	Omnidirectional Patch Antenna	Omnidirectional Patch Antenna	SMR/Cellular-Indoor/Outdoor	Ceiling Mount
r integrating into almost any the Microsphere's small size profile allow it to easily fit iety of locations. The omni- nal pattern of this antenna d to a variety of uses, includ- d-held devices, in-building or other applications mobility is a factor.	The versatile Sphere antenna is uniquely capable of being mounted onto any surface,including metal. The Sphere is frequently ceiling-mounted in office and professional environments requiring wide area coverage. The Sphere antenna's tolerance to surrounding materials expands its suitability to almost any application.	The versatile Sphere antenna is uniquely capable of being mounted onto any surface,including metal. The Sphere is frequently ceiling-mounted in office and professional environments requiring wide area coverage. The Sphere antenna's tolerance to surrounding materials expands its suitability to almost any application.	Maxrad 800/900 MHz directional panel antennas feature a patent-pending design that provides maximum gain in a small, low profile package without the need for tuning.	MultiPurpose four-in-one indoor/outdoor antenna. Features simple field-selectable radiation patterns of 90, 180, 360 deg or elliptical patterns. Standard 30 deg electrical downtilt.
crosphere antenna is d for indoor or imbedded ions.	The versatile Sphere antenna is uniquely capable of being mounted anywhere.	The versatile Sphere antenna is uniquely capable of being mounted anywhere.	Area Coverage	Indoor/Outdoor building coverage
) ts	824-896 .85 3 50 Watts	824-896 .85 3 50 Watts	806-960 6 8.1 50 Watts	806-960/1710-2200 4.5/2.5/0.5/2.5 6.5/4.5/2.5/4.5 50 Watts
rectional g.	Omnidirectional N/A N/A Linear 1.5:1	Omnidirectional N/A N/A Linear 1.5:1	Directional 70 Deg. 60 Deg. Vertical 15 1.5:1	90/180/360/Elliptical 90/180/360/Elliptical 70/73/76/72 Vertical <=1.67:1
or Wall Mount 3.11" x 1" s	None Ceiling or Wall Mount 4.1" x 5.3" x 1.4" 0.125 Lbs	None Ceiling or Wall Mount 4.1" x 5.3" x 1.4" 0.125 Lbs	DC Ground 1-1/2" pipe 8.6 x 7.8 x 2.25 1 lb.	N/A Ceiling/Wall Mount 8.65"dia. x 3.3"H 1
male	See Below Plenum RG142 White No 1 Year	See Below Plenum RG142 White No 1 Year	N/A 12" RG58/U Gray Yes 2 Years	N Female None White Not Specified 5 Years
5 880-960 $72.40 $71.48 $68.73	**480003** N-Female $107.60 $84.99 0.2 lb. $83.92 0.09 kg. $80.69	**485031** SMA MALE $107.60 $84.99 0.2 lb. $83.92 0.09 kg. $80.69	**10331** 806-866 $135.00 $68.85 2.25 lb. $66.15 1.02 kg. $63.45 **10956** 824-896 **10962** 890-945 $135.00 $68.85 1.25 lb. $66.15 0.57 kg. $63.45	**41049** 806-960/1710-2200 $142.00 $142.00 1 lb. $134.90 0.45 kg. $130.64

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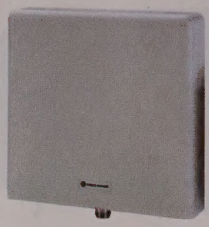
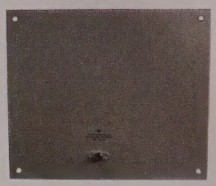
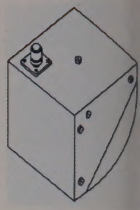
Indoor Antennas (Cellular/SMR/PCS) [346-59]

Manufacturer Table	Huber + Suhner 1399.17.0018	Centurion CAF94122	Maxrad, Inc MP8068 Series	Decibel Products DB791S50N
				
Type	SMR/Cellular Indoor	Outdoor/Indoor Panel Antenna	SMR/Cellular-Indoor/Outdoor	Indoor corner Tx/Rx
Product Narrative	Panel antenna for indoor coverage applications. Wall/Mast mounting included.	Self contained in it's durable sleek radome, the Whisper antennas are designed to blend in anywhere. The 60 degree pattern makes this a great choice for wireless local loop, in-building wireless, WLAN, DECT, WPBX and broadband Internet access.	Indoor antenna for Cellular/SMR systems	dB Diamond indoor antenna vide an attractive medium fo building RF distribution netw Corner wall mounted, offset tern.
Application	Sector Area Coverage	Wireless local loop, in-building wireless, WLAN,DECT,WPBX and broadband Internet access.	Area Coverage	Offset, ceiling corner mount
Frequency (MHz)	806-896	806-896	806-960	824-960
Gain (dBd)	5.85	6.35	8	4
Gain (dBi)	8	8.5	10	6.1
Maximum Power (Watts)	75 Watts	50 Watts	50 Watts	50 Watts
Pattern Type	75 Deg. Directional	60 Degree Directional	Directional	Perpendicular to C-C plane
H. Beamwidth	75 Deg.	80 Deg.	35 Deg.	105 Deg.
Vert. Beamwidth	70 Deg.	60 Deg.	65 Deg.	80 Deg.
Polarization	Vertical	Linear	Vertical	Vertical
Front to Back Ratio (dB)	20dB	18 dBi	15	10 dB
VSWR	1.5:1		1.5:1	1.5:1
Lightning Prot.	DC Ground	None	DC Ground	DC Ground
Mounting Style	Wall/Mast	Ceiling or Wall Mount	1-1/2" pipe	Four mtg. holes in backplate
Overall Size	8" x 8" x 1.3"	11.18" x 8.82" x 2.2"	16.4 x 9 x 2.7	6.1" x 6.1" x 6.1"
Weight	0.78	.80	2 lbs.	1.4
Termination	N Female	N Female Bulkhead	N Female	N Female
Jumper Included	None	None	12" RG58/U	None
Color	Grey	White	Gray	Off-white
Paintable	Yes	Yes	Yes	Not Specified
Warranty	1 Year	1 Year	2 Years	1 Year
TESSCO Part No.	**433179** NEW 806-896 MHz	**410005** 806-896	**10966** 806-960	**41561** 824-894
List Price: / T-1 Price:	$122.45 / $91.84	$183.30 / $144.80	$175.00 / $89.25	$175.00 / $133.0
Ship lb.: / T-2 Price:	0.8 lb. / $89.39	2 lb. / $142.96	1.25 lb. / $85.75	2.4 lb. / $130.3
Ship kg.: / T-3 Price:	0.36 kg. / $87.56	0.91 kg. / $137.46	0.57 kg. / $82.25	1.09 kg. / $128.6
				76294 870-960
				$175.00 / $132.1
				2.4 lb. / $129.5
				1.09 kg. / $126.8

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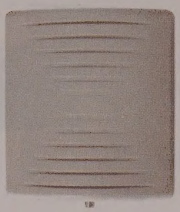
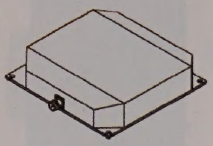
Antennas, Indoor

aft/Signals P12NF	Antenna Specialists ASPPD2988	Antenna Specialists ASPPG2988	Decibel Products DB771S50N	Huber + Suhner 1308.17.0005
				
	Cellular Indoor	Cellular Indoor	SMR/Cellular/ISM Indoor	Cellular Indoor
244P is Cushcraft's latest to it's line of high-perfor- eiling mounted omnidirec- anel antennas. This antenna e performance characteris- ntennas twice it's size. The is perfect for use in air- usinesses, industrial, com- and educational campuses.	Discreet indoor planar antennas provide high perfomance and aesthetically pleasing appearances. Easy installation of the directional antenna.	Discreet indoor planar antennas provide high perfomance and aesthetically pleasing appearances. Easy installation of the directional antenna.	Diamond indoor antennas provide an attractive medium for in-building RF distribution networks.	65 degree panel antenna for use in Cellular systems Small 8" x 8" x 1.3" footprint makes this a great antenna for indoor micro-cell applications.
ellular	Directional Wall Mount	Directional Wall Mount	Wall mount, directional	Area Coverage
	824-894 5.4 7.5 20 Watts	880-960 5.9 8.0 20 Watts	806-960 6 8.1 100 Watts	824-896 6.9 9.0 100 Watts
	Directional 65 Deg. 80 Deg. Vertical 0 dB 1.5:1	Directional 65 Deg. 80 Deg. Vertical 0 dB 1.5:1	Uni-Directional 85 Deg. 85 Deg. Perpendicular to C-C plane 18 dB 1.5:1	Uni-Directional 65 Deg. 65 Deg. Vertical 15dB 1.5:1
und eiling attachment .25 inches 32 Kg)	N/A Low profile wall mount 8.5" x 8.4" x 1.9" 0.9	N/A Low profile wall mount 8.5" x 8.4" x 1.9" 0.9	DC Ground Mtg. holes in backplate 8" x 8" x 1.7" 1.1	DC Ground N/A 8" x 8" x 1.3" 1.0
e	SMA Female	SMA Female	N Female	N Female
um Ultralink	None Off-white Not Specified 1 Year	None Off-white Not Specified 1 Year	None Off-white Not Specified 1 Year	None Grey Not Specified 1 Year
NEW 824-896 $53.32 $51.84 $50.36	**59524** 824-894 $120.00 $91.20 0.9 lb. $89.40 0.41 kg. $88.20	**97917** 880-960 $120.00 $91.20 1 lb. $89.40 0.45 kg. $88.20	**68876** 806-896 $115.00 $87.40 2.05 lb. $85.68 0.93 kg. $84.53 **79825** 870-960 $115.00 $87.40 2.7 lb. $85.68 1.23 kg. $84.53	**81530** 824-896 $122.45 $91.84 2 lb. $89.39 0.91 kg. $87.56

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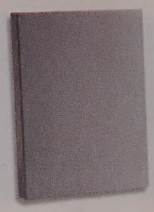
Indoor Antennas (Cellular/SMR/PCS) [346-59]

Manufacturer Table	Centurion CAF95978	Radiall/Larsen PA18824N	Astron Wireless Tech. H9185	Decibel Products DB794SM5N-M
				
Type	Directional Panel Antenna	SMR/Cellular-Indoor/Outdoor	MicroCell "Hemi" Antenna	PCS Indoor
Product Narrative	Wireless local loop, in-building wireless, WLAN,DECT,WPBX and broadband Internet access.	60 degree directional flat panel antenna. Only 1.1" deep. Black UV protected radome, laminated, closed cell foam construction.	Excellent for in-building networks. Hemispherical coverage for superior radiation pattern. Low profile design for pleasing appearance.	dB Diamond indoor antenna vide an attractive medium fo building use. Omni ceiling m with null directly below ante
Application	Wireless local loop, in-building wireless, WLAN,DECT,WPBX and broadband Internet access.	Area Coverage	Hemispherical ceiling mount	Omnidirectional Ceiling Mou
Frequency (MHz)	824-896	824-896	902-928	1850-1990
Gain (dBd)	6.35	6	2.85	Unity
Gain (dBi)	8.5	8	5 dBi	Unity
Maximum Power (Watts)	50 Watts	50 Watts	50 Watts	50 Watts
Pattern Type	60 Degree Directional	Uni-Directional	Hemispherical	Omni w/ downward null
H. Beamwidth	80 Deg.	60 Deg.	360 Deg.	N/A
Vert. Beamwidth	60 Deg.	60 Deg.	120 Deg.	N/A
Polarization	Linear	Vertical	Eliptical	Vertical
Front to Back Ratio (dB)	18 dBi	20 dB	10 dB	0 dB
VSWR		1.5:1	1.1:1	1.5:1
Lightning Prot.	None	DC Ground	DC Ground	DC Ground
Mounting Style	Ceiling or Wall Mount	Surface/pole mounting	Flange Mounting Holes	Quick disconnect
Overall Size	11.8" x 8.82" x 2.2"	9.4" x 6.75" x 1.10"	7" x 7" x 6"	4" x 4" x 2"
Weight	.80	6	<1 lb.	0.5
Termination	SMA Female	N Female	N Female	N Female
Jumper Included	None	None	12" RG58/U	None
Color	White	Black	Off-white	Off-white
Paintable	Yes	Not Specified	Not Specified	Not Specified
Warranty	1 Year	1 Year	2 Years	1 Year
TESSCO Part No.	**428072** 824-896	**55010** 824-896 MHz	**452169** 902-928 MHz	**58096** 1850-1990
List Price: T-1 Price:	$163.40 $129.06	$148.35 $96.42	$147.00 $132.30	$148.00 $111.0
Ship lb.: T-2 Price:	2 lb. $127.43	6 lb. $89.00	1 lb. $124.95	1 lb. $108.7
Ship kg.: T-3 Price:	0.91 kg. $122.52	2.73 kg. $81.59	0.45 kg. $120.54	0.45 kg. $106.5

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NORTH AMERICA 800-472-7373 FAX 410-527-0005
REST OF WORLD +1 410-229-1200 WWW.TESSCO.COM
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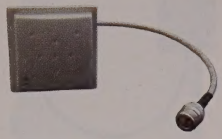
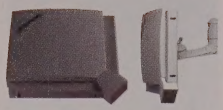
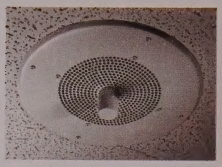
a Specialists 801	Maxrad, Inc MC-1900-PT-C	Cellular Specialties CSI-AS/1.8S-1.99/2	Maxrad, Inc MP19013XFPT	Maxrad, Inc MLPC1700
				
loor	Ceiling Mount	Omnidirectional Antenna Indoor	PCS Indoor/Outdoor	Speaker Baffle Mount
nouflaged "Sprinkler-head" nce makes it ideal for any environment. Using clips, it stalls in ceiling tiles or any flat surface since no ground required.	Omnidirectional low profile ceiling mount solution for indoor applications requiring minimum visibility. It can be easily mounted to dropceiling tiles or to a solid ceiling surface where cable routing access is available.	Omnidirectional indoor ceiling mount antenna.	PCS directional antenna. Designed to obtain maximum gain in a small, low profile package.	Low profile ceiling mount antenna disguised as a speaker baffle. Wideband, no tuning. No ground plane is required. Paintable.
rectional Ceiling Mount	Indoor PCS	Ceiling Mount	Indoor/Outdoor	Indoor Coverage
90	1850-1990	1850-1990 MHz	1850-1990	1700-2500
	0	1	10.35	1.3
	2.5	2	12.5	3.4
s	50 Watts	10 Watts	100 Watts	150
rectional	Omnidirectional		N/A	
	N/A	Omnidirectional	40 Deg.	N/A
	N/A	Omnidirectional	35 Deg.	N/A
	Vertical, linear	Linear	Vertical, linear	Omni
	N/A	N/A	GT18dB	N/A
	1.5:1	1.7:1	LT2:1	<1.5:1
	DC Ground	DC Ground	DC Ground	
	Ceiling stud mount	Ceiling Grid	Clamp set (included)	Speaker Baffle
x 1.5" L	4.25" x 0.5"	2" x 2" x 0.75"	8.6 x 7.8 x 1.1 inches	12-7/8" OD x 2-1/8" H
	8 oz.	0.2 lbs	.77	5 lbs.
e Bulkhead	See Below	N Female	Female TNC	N Female Bulkhead
	12" Pigtail w/ TNC Male	Pigtail	12"	None
	Off White	White	White	White
cified	No Spec	Yes	Yes	Yes
	2 Years	1 Year	2 Years	2 Years
1850-1990	**464105** 1850-1990	**433366** NEW 1850-1990	**30363** 1850-1990	**68640** 1700-2500
$49.40	$109.00 $55.59	$120.00 $92.28	$164.45 $83.86	$99.00 $50.49
$48.43	3 lb. $53.41	1.5 lb. $85.68	0.77 lb. $80.57	3 lb. $48.51
$47.78	1.36 kg. $51.23	0.68 kg. $80.04	0.35 kg. $77.28	1.36 kg. $46.53

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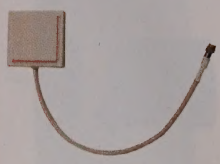
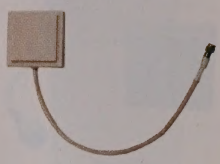
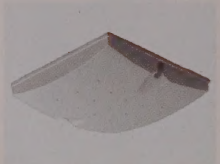
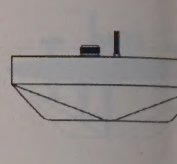
Indoor Antennas (Cellular/SMR/PCS) [346-59]

Manufacturer Table	Centurion CAF95955	Centurion CAF94130	Cushcraft/Signals SQ1853PNF	Decibel Products DB796DM5N-M
				
Type	Omnidirectional Patch Antenna	Omnidirectional Patch Antenna	Indoor PCS, ISM, PicoCell	PCS Indoor
Product Narrative	Ideal for integrating into almost any device, the Microsphere's small size and low profile allow it to easily fit in a variety of locations. The omni-directional pattern of this antenna is suited to a variety of uses, including hand-held devices, in-building systems or other applications where mobility is a factor.	The versatile Sphere antenna is uniquely capable of being mounted onto any surface,including metal. The Sphere is frequently ceiling-mounted in office and professional environments requiring wide area coverage. The Sphere antenna's tolerance to surrounding materials expands its suitability to almost any application.	"Squint" antenna, ideal for indoor applications in PCS,ISM, PicoCell, PBX and more	dB Diamond indoor antennas vide an attractive medium for building use. Bidirectional pat for ceiling mount in center of way.
Application	The Microsphere antenna is designed for indoor, in-vehicle or imbedded applications.	The versatile Sphere antenna is uniquely capable of being mounted anywhere.	Indoor Ceiling Mount	Ceiling mount, center of hallw
Frequency (MHz)	1850-1990	1850-1990	1850-1990	1850-1990
Gain (dBd)	.85	.85	1.35	2.5
Gain (dBi)	3	3	3.5gain	4.6
Maximum Power (Watts)	50 Watts	50 Watts	50 Watts	50 Watts
Pattern Type	Omnidirectional	Omnidirectional		Figure-eight (bidirectional)
H. Beamwidth	240 Deg.	N/A	Omni	N/A
Vert. Beamwidth	80 Deg.	N/A	76 Deg.	N/A
Polarization	Linear	Linear		Perpendicular to backplane
Front to Back Ratio (dB)			N/A	0 dB
VSWR	1.5:1	1.5:1	1.5 : 1	1.5:1
Lightning Prot.	None	None	N/A	DC Ground
Mounting Style	Ceiling or Wall Mount	Ceiling or Wall Mount	Drop-Ceiling Mountable	Quick disconnect
Overall Size	2.2" x 1.4" x 1"	2.52" x 1" x 2"	6"x 6"x 1"	6" x 4" x 2"
Weight	0.125 Lbs	0.125 Lbs	.52 lb	1.10
Termination	SMA Female	N Female	N Female	N Female
Jumper Included	Plenum RG142	12" Plenum RG142	None	None
Color	White	White	White	Off-white
Paintable	No	No	No	Not Specified
Warranty	1 Year	1 Year	1 Year	1 Year
TESSCO Part No.	**439053** 1850-1990	**423013** 1850-1990	**98776** 1850-1990	**44882** 1850-1990
List Price: T-1 Price:	$83.70 $66.10	$83.70 $66.10	$82.00 $59.04	$148.00 $111.00
Ship lb.: T-2 Price:	0.2 lb. $65.27	0.2 lb. $65.27	2 lb. $57.40	2.4 lb. $108.78
Ship kg.: T-3 Price:	0.09 kg. $62.76	0.09 kg. $62.76	0.91 kg. $55.76	1.09 kg. $106.56

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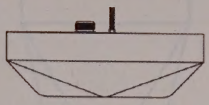
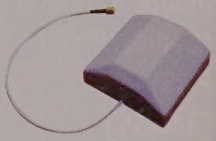
l Products SD5S-M	Decibel Products DB796CP5N-M	RFS Celwave APP19CP04-28T0	Antel International MPA 1700	Decibel Products DB793SD5N-M
				
PCS Wall/Ceiling	PCS Indoor	PCS Indoor	Ceiling Mount	PCN/PCS Indoor
mond indoor antennas pro- attractive medium for in- g RF distribution networks. wall mounted, offset pat-	dB Diamond indoor antennas provide an attractive medium for in-building use. Ceiling/wall mount, highly directive for long hallways or high ceilings.	The RFS MicroTenna is the ideal choice for indoor applications for ESMR,AMPS,GSM,DCS or PCS systems.	MultiPurpose four-in-one indoor/outdoor antenna. Features simple field-selectable radiation patterns of 90, 180, 360 deg or elliptical patterns. Standard 30 deg electrical downtilt.	dB Diamond indoor antennas provide an attractive medium for in-building use. Use as ceiling mount at one end of hallway. Highly directional.
ceiling corner mount	High above subscriber	High gain ceiling or wall mount	Indoor/Outdoor building coverage	End of hallway
990 ts	1850-1990 3.5 5.6 50 Watts	1850-1990 3.5 5.6 50	1710-2200 4.5/2.5/0.5/2.5 6.5/4.5/2.5/4.5 50 Watts	1850-1990 4.9 7 25 Watts
dicular to C-C plane g. . l s	Perpendicular to back plane N/A N/A Circular 18 dB 1.5:1	Directional 360 Deg. N/A Circular N/A 1.5:1	90/180/360/Elliptical 90/180/360/Elliptical 71/71/73/73 Vertical N/A 1.67	Highly directional 105 Deg. 69.5 Deg. Vertical >17dB 1.5:1
ound ounting holes on backplt .5" x 1.6" .	DC Ground Quick disconnect 6" x 4" x 1" 0.5	N/A Universal Wall/Ceiling 6" x 4" x 1" 0.45 Lbs.	N/A Wall or Ceiling Mount 3.88"dia. x 2.25"H 3.8 oz	DC Ground Quick disconnect 3.5" square .25
le	N Female	N Female	N Female	N Male Pigtail
	None Off-white Not Specified 1 Year	None Off-white Not Specified 1 Year	None White Not Specified 5 Years	None Off-white Not Specified 1 Year
1850-1990 0 $95.00 $93.13 $91.88	**96489** 1850-1990 $148.00 $111.00 2.4 lb. $108.78 1.09 kg. $106.56	**422049** 1850-1990 $99.00 $75.44 1 lb. $74.25 0.45 kg. $72.77	**45147** 1710-2200 $100.00 $100.00 4.9 lb. $95.00 2.23 kg. $92.00	**52013** 1850-1990 $148.00 $111.00 0.25 lb. $108.78 0.11 kg. $106.56

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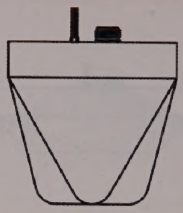
Indoor Antennas (Cellular/SMR/PCS) [346-59]

Manufacturer Table	Antenna Specialists ASPPM2988	Huber + Suhner 1319.26.0001	Decibel Products DB794SL5N-KM	RFS Celwave APL18SL06-28T0
				
Type	PCS Indoor	PCS Indoor	PCN/PCS Indoor	PCS Indoor
Product Narrative	Discreet indoor planar antennas provide high perfomance and aesthetically pleasing appearances. Easy installation of the directional antenna.	80 degree panel antenna for use in PCN systems. Light- weight & only 1.14" thick. Aluminum contruction with ASA plastic radome.	dB Diamond indoor antennas provide an attractive medium for in-building use. Use as ceiling mount at one end of hallway. Highly directional.	RFS MicroTenna is the ideal c for all indoor applications for ESMR,AMPS,GSM,DCS or PC tems.
Application	Directional Wall Mount	Area Coverage	End of hallway	High gain ceiling or wall moun
Frequency (MHz)	1850-1990	1850-1990	1710-1990	1710-1990
Gain (dBd)	5.4	5.4	5.5	5.5
Gain (dBi)	7.5	7.5	7.6	7.6
Maximum Power (Watts)	10 Watts	100 Watts	50 Watts	50 Watts
Pattern Type	Directional	Uni-Directional	Highly directional	Directional
H. Beamwidth	60 Deg.	80 Deg.	N/A	120 Deg.
Vert. Beamwidth	80 Deg.	36 Deg.	N/A	66 Deg.
Polarization	Vertical	Vertical	Parallel to back plane	Horizontal
Front to Back Ratio (dB)	0 dB	25dB	18 dB	N/A
VSWR	1.5:1	1.5:1	1.5:1	1.5:1
Lightning Prot.	N/A	DC Ground	DC Ground	N/A
Mounting Style	Low profile wall mount	Wall Mount	Quick disconnect	Universal Wall/Ceiling
Overall Size	4.2" x 3.9" x 1.6"	10.35"	4" x 4" x 4"	4" x 4" x 4"
Weight	0.32	1.5 Lbs.	1.1	1.1
Termination	SMA Female	See Below	N Female	N Female
Jumper Included	None	None	None	None
Color	Off-white	Grey	Off-white	Off-white
Paintable	Not Specified	Not Specified	Not Specified	Not Specified
Warranty	1 Year	1 Year	1 Year	1 Year
TESSCO Part No.	**33096** 1850-1990	**56050** 7/16 Female	**32257** 1710-1990	**436039** 1710-1990
List Price: T-1 Price:	$95.00 $72.20	$61.25 $45.92	$170.00 $127.50	$99.00 $75.44
Ship lb.: T-2 Price:	1 lb. $70.78	0.8 lb. $44.70	2.4 lb. $124.95	1.1 lb. $74.25
Ship kg.: T-3 Price:	0.45 kg. $69.83	0.36 kg. $43.78	1.09 kg. $122.40	0.50 kg. $72.77

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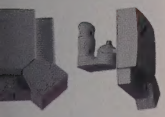
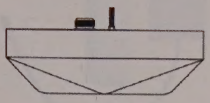
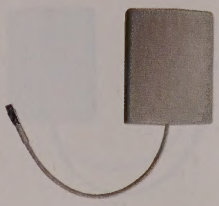
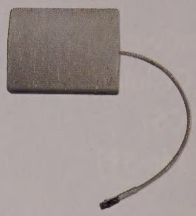
Inc 8XFPT	Decibel Products DB796SPLLN-M	RFS Celwave RFS MicroTenna	Centurion CAF95979	Centurion CAF95996
				
oor/Outdoor	PCS Indoor/Outdoor	PCS Indoor	Indoor Panel Antenna	Indoor Panel Antenna
ectional antenna. Designed n maximum gain in a small, file package.	dB Diamond Local Loop Indoor/ Outdoor antennas are an excellent choice for indoor/outdoor use. Highly directional for halls or ceilings.	RFS MicroTenna provides a quick and easy installation for Indoor applications.	Self contained in it's durable sleek radome, the Whisper antennas are designed to blend in anywhere. The 60 degree pattern makes this a great choice for wireless local loop, in-building wireless, WLAN, DECT, WPBX and broadband Internet access.	Self contained in it's durable sleek radome, the Whisper antennas are designed to blend in anywhere. The 60 degree pattern makes this a great choice for wireless local loop, in-building wireless, WLAN, DECT, WPBX and broadband Internet access.
Outdoor	Indoor/Outdoor	High gain ceiling or wall mount	Wireless local loop, in-building wireless, WLAN,DECT,WPBX and broadband Internet access.	Wireless local loop, in-building wireless, WLAN,DECT,WPBX and broadband Internet access.
90 s	1850-1990 6 8.3 125 Watts	1850-1990 6.2 8.3 50	1850-1990 6.35 8.5 50 Watts	1850-1990 6.35 8.5 50 Watts
  linear	Uni-Directional 77+-2 73+-2 Vertical 20 dB 1.5:1	Directional 360 Deg. 66 Deg. Vertical N/A 1.5:1	60 Degree Directional 80 Deg. 60 Deg. Linear 18 dBi	60 Degree Directional 80 Deg. 60 Deg. Linear 18 dBi
und et (included) x 1.5 inches	DC Ground Adjustable azimuth 180 deg. 9" x 7" x 7" 1.5	N/A Universal Wall/Ceiling 6" x 4" x 2" 1.1 Lbs.	None Ceiling or Wall Mount 4.09" x 5.31" x 1.41" .80	None Ceiling or Wall Mount 4.09" x 5.3" x 1.41" .80
nale	N Female	N Female	N Female	SMA Male
	None Off-white Not Specified 1 Year	None Off-white Not Specified 1 Year	12" Plenum RG142 White Yes 1 Year	36" Plenum RG142 White Yes 1 Year
NEW 1850-1990 $61.20 $58.80 $56.40	**14145** 1850-1990 $148.00 $111.00 1.5 lb. $108.78 0.68 kg. $106.56	**410013** 1850-1990 $99.00 $75.44 1 lb. $74.25 0.45 kg. $72.77	**433091** N-Female $83.35 $65.84 0.2 lb. $65.00 0.09 kg. $62.50	**416056** N-Female $67.75 $53.51 0.2 lb. $52.83 0.09 kg. $50.80

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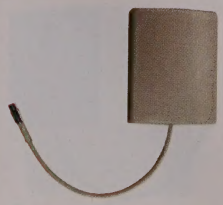
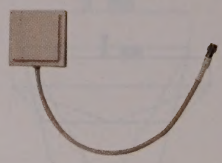
Indoor Antennas (Cellular/SMR/PCS) [346-59]

Manufacturer Table	Centurion CAF95993	Radiall/Larsen PA2101850N	Centurion CAF94129	Maxrad, Inc MLPC1700PTRPTNC
				
Type	Outdoor/Indoor Panel Antenna	Indoor/Outdoor PCS	Omnidirectional Patch Antenna	Speaker Baffle Mount
Product Narrative	Self contained in it's durable sleek radome, the Whisper antennas are designed to blend in anywhere. The 60 degree pattern makes this a great choice for wireless local loop, in-building wireless, WLAN, DECT, WPBX and broadband Internet access.	60 degree directional flat panel antenna. Only 1.1" deep. White UV protected radome, laminated, closed cell foam construction.	The versatile Sphere antenna is uniquely capable of being mounted onto any surface,including metal. The Sphere is frequently ceiling-mounted in office and professional environments requiring wide area coverage. The Sphere antenna's tolerance to surrounding materials expands its suitability to almost any application.	Low profile ceiling mount an disguised as a speaker baffle. band, no tuning. No ground required. Paintable.
Application	Wireless local loop, in-building wireless, WLAN,DECT,WPBX and broadband Internet access.	Area Coverage	The versatile Sphere antenna is uniquely capable of being mounted anywhere.	Indoor Coverage
Frequency (MHz)	1850-1990	1850-1990	1850-1990	1700-2500
Gain (dBd)	6.35	8	.85	1.4
Gain (dBi)	8.5	10.2	3	3.5
Maximum Power (Watts)	50 Watts	10 Watts	50 Watts	150
Pattern Type	60 Degree Directional	Uni-Directional	Omnidirectional	Omni
H. Beamwidth	80 Deg.	60 Deg.	N/A	
Vert. Beamwidth	60 Deg.	60 Deg.	N/A	
Polarization	Linear	Vertical	Linear	
Front to Back Ratio (dB)	18 dBi	20dB		Not Specified
VSWR		1.5:1	1.5:1	<1.5:1
Lightning Prot.	None	DC Ground	None	
Mounting Style	Ceiling or Wall Mount	Surface/pole mounting	Ceiling or Wall Mount	Speaker Baffle
Overall Size	4.09" x 5.31" x 1.41"	11.5" x 4.75" x 1"	1.8" x 1.18" x 0.10"	12-7/8" OD x 2-1/8" H
Weight	.80	4	0.125 Lbs	5 lbs.
Termination	SMA Male	N Female	SMA Male	RP TNC
Jumper Included	36" Plenum RG142	None	36" Plenum RG142	12" ML195
Color	White	White	White	White
Paintable	Yes	Yes, non-metallic paint	No	Yes
Warranty	1 Year	1 Year	1 Year	2 Years
TESSCO Part No.	**467012** SMA-male	**55551** 1850-1990	**478010** 1850-1990	**71731** 1700-2500
List Price: T-1 Price:	$91.65 $72.40	$148.35 $96.42	$83.70 $66.10	$125.00 $63.75
Ship lb.: T-2 Price:	0.2 lb. $71.48	5 lb. $89.00	0.2 lb. $65.27	3 lb. $61.25
Ship kg.: T-3 Price:	0.09 kg. $68.73	2.27 kg. $81.59	0.09 kg. $62.76	1.36 kg. $58.75

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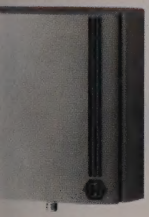
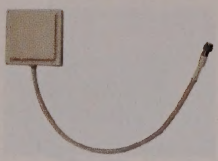
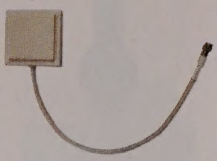
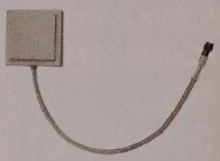
Antennas, Indoor

+ Suhner 9.0003	Cushcraft/Signals S18512P12NF	Centurion CAF94170	Centurion CAF94146	Centurion CAF94150
				
door	PCS Indoor	Omnidirectional Patch Antenna	Omnidirectional Patch Antenna	Omnidirectional Patch Antenna
ee panel antenna for use in ystems. Lightweight & only nick. Aluminum construc- h ASA plastic radome. Small nt.	Wide H-plane antenna offers the system engineer an alternative to wall mounting omidirectional antennas. Wall-mounted Omni Antennas by themselves can suffer unduly from multipath components creted by the wall itself. Coax lengths and connector type can be adapted to necessary requirements. Applications: Offices, Health Care facilities, educational and industrial campuses, shopping malls, etc.	The versatile Sphere antenna is uniquely capable of being mounted onto any surface. It is commonly mounted in office and professional environments requiring wide area coverage.	Ideal for integrating into almost any device, the Microsphere's small size and low profile allow it to easily fit in a variety of locations. The omni-directional pattern of this antenna is suited to a variety of uses, including hand-held devices, in-building systems or other applications where mobility is a factor.	The versatile Sphere antenna is uniquely capable of being mounted onto any surface. It is commonly mounted in office and professional environments requiring wide area coverage.
overage	Direct Link indoor antenna provide an attractive medium for in-building RF distribution networks.	The versatile Sphere antenna is uniquely capable of being mounted anywhere.	The Microsphere antenna is designed for indoor or imbedded applications.	The versatile Sphere antenna is uniquely capable of being mounted anywhere.
990 atts	1850-1990 10 12 100 Watts	2400-2500 .85 3 50 Watts	2400-2500 .85 3 50 Watts	2400-2500 .85 3 50 Watts
rectional . .	Omni w/ downward null 62 Deg. 25 Deg. Vertical > 25 dB 1.5:1	Omnidirectional N/A N/A Linear 1.5:1	Omnidirectional 240 Deg. 80 Deg. Linear 1.5:1	Omnidirectional N/A N/A Linear 1.5:1
ound 5" x 1.25"	N/A Order separately 6"x 13"x 1" 1 lb	None Ceiling or Wall Mount 1.8" x 1.18" x 0.10" 0.125 Lbs	None Ceiling or Wall Mount 1.8" x 1.18" x 0.10" 0.125 Lbs	None Ceiling or Wall Mount 1.8" x 1.18" x 0.10" 0.125 Lbs
male ecified	N/A 12" Pigtail/N-Female Off-white No 1 Year	See Below See Below White No 1 Year	SMA Female 12" Plenum RG142 White No 1 Year	See Below See Below White No 1 Year
1850-1990 $45.92 $44.70 $43.78	**32706** 1850-1990 $133.00 $95.76 1.68 lb. $93.10 0.76 kg. $90.44	**418047** 12" w/ N Female $83.70 $66.10 0.18 lb. $65.27 0.08 kg. $62.76	**454032** 2400-2500 $83.70 $66.10 0.2 lb. $65.27 0.09 kg. $62.76	**419009** RP-TNC,No Jumper $83.70 $66.10 0.2 lb. $65.27 0.09 kg. $62.76

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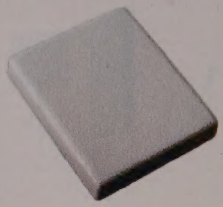
Indoor Antennas (Cellular/SMR/PCS) [346-59]

Manufacturer Table	Maxrad, Inc MMSO2300	Maxrad, Inc MC2400PTNF	Cushcraft/Signals SM1852PSMF	Cushcraft/Signals SL1852P12NF
				
Type	Miniature Omni Antenna	Ceiling Mount	Female	Female
Product Narrative	Maxrad MMSO miniature omnidirectional antenna. Covers 2300 - 2500 MHz with a VSWR of less than 1.5:1. Ground-plane dependent antenna that is designed to go virtually undetected.	This antenna provides a low profile ceiling solution for indoor applications requiring minimum visibility. It can be easily mounted to drop ceiling tiles or to a solid ceiling surface where cable routing access is available.	The SM1852PSMF antenna offers the kind of uniform and symmetrical energy distribution that one normally expects from much larger antennas. No compromise performance in a very small package- only 2.0" x 1 5/8" x 1/4". This 2 dBi omni easily mounts to a ceiling grid.	The SL1852P12NF antenna of characteristics that one norm expects from much larger ants No-compromise performance very small package- only 2.5" x 0.8". This 2 dBi omni easily mounts to a ceiling grid.
Application			Indoor ceiling mount PCS	Indoor PCS
Frequency (MHz)	2300-2500	2300-2500	1850-1990	1850-1990
Gain (dBd)	Unity	.4	0	0
Gain (dBi)	2.1	2.5	2	2
Maximum Power (Watts)	10	50	10	10
Pattern Type	Omni	N/A	Omni	Omni
H. Beamwidth	Omni	N/A	Omni	Omni
Vert. Beamwidth		vertical	100 Deg.	120 Deg.
Polarization			Linear	Linear
Front to Back Ratio (dB)	N/A	N/A	Not specified	N/A
VSWR	1.5:1 max	1.35:1	2:1	1.7:1
Lightning Prot.			DC Ground	DC Ground
Mounting Style	1/4" stud	Ceiling mount	Ceiling Grid	Ceiling Grid
Overall Size	2" x 1" x 1"	4.25" dia x .5" H	2 x 1 5/8 x 1/4 inches	2.5 x 2.5 x 0.8 inches
Weight	.4	8 Ounces	0.1 lb (0.05 kg)	0.2 lb (0.09 kg)
Termination	RG-188A/U, no connector	N Female	SMA Female	N Female
Jumper Included		12" RG-58/U Plenum	None	12" Plenum Ultralink
Color	black	off white	White	White
Paintable			Yes	Yes
Warranty	2 Years	2 Years	1 Year	1 Year
TESSCO Part No.	**464344** NEW 2300-2500	**450041** 2300-2500	**489370** NEW 1850-1990	**490356** NEW 1850-1990
List Price: T-1 Price:	$25.00 $13.00	$99.00 $50.49	$58.35 $41.99	$88.55 $63.74
Ship lb.: T-2 Price:	0.5 lb. $12.13	1 lb. $48.51	1 lb. $40.82	1 lb. $61.97
Ship kg.: T-3 Price:	0.23 kg. $11.70	0.45 kg. $46.53	0.45 kg. $39.66	0.45 kg. $60.20

MAXRAD STATE OF THE ART ANTENNAS

MAXRAD's Michelangelo® antenna line provides maximum performance for in-building voice and data applications. MAXRAD antennas utilize UL-listed materials and cable for maximum placement flexibility.

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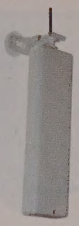
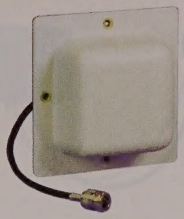
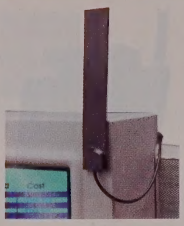
on 66	Andrew Corporation Andrew QD-2327	Astron Wireless Tech. H2405	Maxrad, Inc MIG24	Maxrad, Inc MIG2425
				
ectional Patch Antenna	Window Mount	2375-2500 MicroCell	Omnidirectional	Omnidirectional
satile Sphere antenna is capable of being mounted surface. It is commonly d in office and professional ments requiring wide area e.	Andrew Microceptor QD-2327 design optimizes reliabilty and performance characteristics in a low profile, aesthetically pleasing housing. The slim design features an articulating mount with up/down tilt for capturing peak signal strength. Lightweight and easy to install.	Excellent for in-building networks. Hemispherical coverage for superior radiation pattern. Low profile design for pleasing appearance.	Omnidirectional ISM Glass Mountable Antenna for ISM Band. Suitable for indoor or outdoor use.	Omindirectional Tape Mount Antenna covering 2.4 GHz ISM and MMDS frequencies. Rugged antenna for use in office LAN environments, factories and other harsh environments or mobile applications.
satile Sphere antenna is capable of being mounted e.	Window	Hemispherical ceiling mount		Indoor ISM and MMDS
00 s	2300-2700 12.5 12.5 12 Watts	2375-2500 2 5 dBi 50 Watts	2400-2500 2 4 5	2400-2686 2 4 5
ectional	Directional 60 Deg. 80 Deg. Vertical -20 1.5:1	Hemispherical 360 Deg. 120 Deg. Elliptical 12 dB 1.1:1	N/A N/A vertical N/A 1.5:1	Omni N/A N/A Vertical N/A 1.5:1
r Wall Mount 18" x 0.10" s	N/A Window 4.2" x 3.9" x 1.6" 5lbs	N/A Flange Mounting Holes 5" x 5" x 1.75" <1 lb.	High bond tape 5.7" x 1.0" x .5" .5	N/A 3M High Bond Tape 5.7" x 1.0" x .5" .5
w w	10ft Jumper with SMA Male Yes Off-white Plastic Not Specified 1 Year	N Female 12" RG58/U Off-white Not Specified 2 Years	See Below 18" LMR100 2 Years	SMA Male 12" LMR100 Black No 2 Years
36" w/ N Female $82.95 $81.90 $78.75	**498311** NEW 2300-2700 $85.00 $72.25 1 lb. $68.00 0.45 kg. $63.75	**423183** 2375-2500 Jumper Exits out the Side of Antenna **442176** 2375-2500 $147.00 $132.30 1 lb. $124.95 0.45 kg. $120.54	**418022** 2400-2500 SMA Male **480324** NEW 2400-2500 MMCX Right Angle **478389** NEW 2400-2500 No Connector $69.95 $35.68 0.5 lb. $34.28 0.23 kg. $32.88	**494395** NEW 2400-2686 $69.95 $35.68 0.5 lb. $34.28 0.23 kg. $32.88

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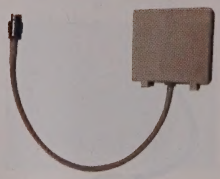
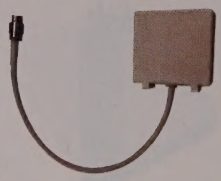
Indoor Antennas (Cellular/SMR/PCS) [346-59]

Manufacturer Table	Maxrad, Inc MHA2400 Bi-directional antenna	Centurion CAF94116	Centurion CAF94149	Maxrad, Inc MDO24005PT
				
Type	Ceiling Mount	Bi-Directional Indoor	Bi-Directional Indoor	Omnidirectional
Product Narrative	The MHA Series provide extended WLAN bi-directional coverage where signal extension is necessary. Blends well in office enviroments and other locations where aesthetic considerations are important.	The Terrace bi-directional antenna utilizes a patented low-profile design to provide coverage in corridors or long hallways. Typical applications include wireless (voice data), WLAN, DECT, WPBX, PHS.	The Terrace bi-directional antenna utilizes a patented low-profile design to provide coverage in corridors or long hallways. Typical applications include wireless (voice data), WLAN, DECT, WPBX, PHS.	ISM Wall Mount Diversity Or rectional Antenna. Ideal for a variety of indoor applications.
Application		Wireless local loop, in-building wireless, WLAN,DECT,WPBX and broadband Internet access.	Wireless local loop, in-building wireless, WLAN,DECT,WPBX and broadband Internet access.	Indoor
Frequency (MHz)	2300-2500	2400-2500	2400-2500	2400 - 2485
Gain (dBd)	2	2.85	2.85	3.1
Gain (dBi)	4	5	5	5.2
Maximum Power (Watts)	10	50 Watts	50 Watts	4 Watt Input
Pattern Type		60 Degree Directional	60 Degree Directional	N/A
H. Beamwidth	100 Deg	60 Deg.	60 Deg.	Omni
Vert. Beamwidth	75 Deg.	30 Deg.	30 Deg.	27 Deg.
Polarization	vertical	Linear	Linear	Vertical
Front to Back Ratio (dB)	N/A	N/A	N/A	N/A
VSWR	<1.5:1			<1.5:1
Lightning Prot.	DC Ground	None	None	
Mounting Style	Ceiling / hallway	Ceiling or Wall Mount	Ceiling or Wall Mount	Wall Mount
Overall Size	3" x 2.5" x .5"	2.71" x 2.5" x .78"	2.71" x 2.5" x .78"	12" x 5"x 1"
Weight	2.6 Ounces	.80	.80	19 ounces
Termination	See Below	RP TNC	RP-TNC Male (Plug) on the end of the pigtail.	RP TNC male, 2ea
Jumper Included	6" plenum RG-58	12" Plenum RG142	36" Plenum RG142	Dual 36" White plenum rated
Color		White	White	Off-White
Paintable		Yes	Yes	No
Warranty	2 Years	1 Year	1 Year	2 Years
TESSCO Part No.	**447065** Rev Pol BNC	**494097** 2400-2500	**477010** 2400-2500	**446384** NEW 2400 - 2485
List Price: T-1 Price:	**460051** SMA male	$83.70 $66.10	$83.70 $66.10	$139.00 $70.89
Ship lb.: T-2 Price:	**484073** Rev Pol TNC	0.2 lb. $65.27	0.2 lb. $65.27	1.2 lb. $68.11
Ship kg.: T-3 Price:	**465111** TNC male	0.09 kg. $62.76	0.09 kg. $62.76	0.55 kg. $65.33
	$99.00 $50.49			
	2 lb. $48.51			
	0.91 kg. $46.53			

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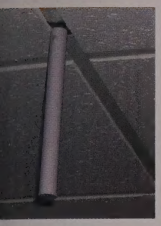
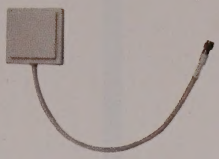
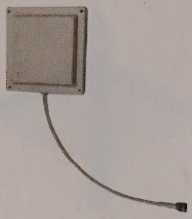
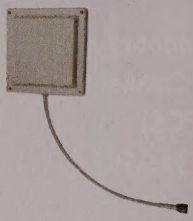
Inc 005	Cushcraft/Signals S2307MP10NF	Centurion CAF94118	Centurion CAF95950	Centurion CAF95998
				
Mount	Panel Antenna	Outdoor Directional Panel Antenna	Indoor Panel Antenna	Indoor Panel Antenna
gelo series Ceiling mount ntenna. Covers 2400 to Hz with a VSWR of less 1. Optimized radiation pat-ses energy where it is vhile suppressing upper r sidelobe energy.		Self contained in it's durable sleek radome, the Whisper antennas are designed to blend in anywhere. The 60 degree pattern makes this a great choice for wireless local loop, in-building wireless, WLAN, DECT, WPBX and broadband Internet access.	Self contained in it's durable sleek radome, the Whisper antennas are designed to blend in anywhere. The 60 Degree pattern makes this a great choice for wireless local loop, in buliding wireless, WLAN, DECT, WPBX and broadband internat access.	Self contained in it's durable sleek radome, the Whisper antennas are designed to blend in anywhere. The 60 Degree pattern makes this a great choice for wireless local loop, in buliding wireless, WLAN, DECT, WPBX and broadband internat access.
SM	In-Building and campus coverage	Wireless local loop, in-building wireless, WLAN,DECT,WPBX and broadband Internet access.	Wireless local loop, in-building wireless, WLAN,DECT,WPBX and broadband Internet access.	Wireless local loop, in-building wireless, WLAN,DECT,WPBX and broadband Internet access.
35	2300-2500 5.36 7.5 75 Watts	2400-2500 6.35 8.5 50 Watts	2400-2500 6.85 9 50 Watts	2400-2500 6.85 9 50 Watts
ectional linear	Directional 65 Deg. 35 Deg. Vertical 12 1.5:1	60 Degree Directional 60 Deg. 60 Deg. Linear 20 dBi	60 Degree Directional 60 Deg. 60 Deg. Linear 20 dBi	60 Degree Directional 60 Deg. 60 Deg. Linear 20 dBi
und tud mount x 2"	DC Ground Wall Mount 5.8" x 3.81" x 2.26" .4 Lbs	None Ceiling or Wall Mount 8.05" x 8.05" x .875" .80	None Ceiling or Wall Mount 8.05" x 8.05" x .875" .80	None Beam Mount Style 8.05" x 8.05" x .875" .80
le, others available il w/ TNC Male ce	Low loss pigtail with N female termination Not Specified 1 Year	RP TNC 36" RG142 White Yes 1 Year	See Below See Below White Yes 1 Year	See Below See Below White Yes 1 Year
NEW 2400-2485 $40.29 $38.71 $37.13	**463139** NEW 2300-2500 $61.00 $43.92 0.5 lb. $42.70 0.23 kg. $41.48	**470008** 2400-2500 $91.65 $72.40 0.2 lb. $71.48 0.09 kg. $68.73	**413086** 36" RG142 w/ RP TNC Male $67.75 $53.51 0.2 lb. $52.83 0.09 kg. $50.80	**460006** 12" RG142 w/ N-FEMALE $67.75 $53.51 0.2 lb. $52.83 0.09 kg. $50.80

In-Building

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Manufacturer Table	Cushcraft/Signals SL82184P12NF

Indoor Antennas (Cellular/SMR/PCS) [346-59]

Type	Female
Product Narrative	Dual band cellular/PCS version of Cushcraft's latest addition to it's high-performance line of ceiling mounted omnidirectional antennas. The antenna has two coax pigtails, one for each band, thus eliminating the extra cost and complexity of a diplexer.
Application	Indoor Cellular/PCS antenna
Frequency (MHz)	824-896/1850-1990
Gain (dBd)	2
Gain (dBi)	4
Maximum Power (Watts)	10
Pattern Type	Omni
H. Beamwidth	Omni
Vert. Beamwidth	100 Deg.
Polarization	Linear
Front to Back Ratio (dB)	14 dB
VSWR	2.0:1 (nominal)
Lightning Prot.	DC Ground
Mounting Style	Direct ceiling mount
Overall Size	6 x 6 x 1.25 inches
Weight	0.75 lb (0.34 Kg)
Termination	2x N connector
Jumper Included	2x 12" Plenum Ultralink
Color	White
Paintable	Yes
Warranty	1 Year
TESSCO Part No.	**461308** NEW 824-896/1850-1990
List Price: T-1 Price:	$89.45 $64.38
Ship lb.: T-2 Price:	1 lb. $62.59
Ship kg.: T-3 Price:	0.45 kg. $60.80

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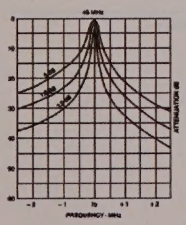
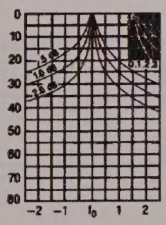
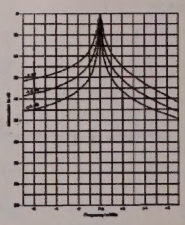
cturer	Telewave, Inc. TWPC0305-1	Telewave, Inc. TWPC0410-1	Decibel Products DB4042H-1	Telewave, Inc. TWPC0708-1
ities, yband 0-10]				
t Narrative	Single bandpass cavity. Adjustable insertion loss (coupling loop selectivity.)	Single bandpass cavity. Adjustable insertion loss (coupling.)	Bandpass cavity with Invar tuning rod. Chromated aluminum. Adjustable coupling loops.	Single bandpass cavity. Adjustable insertion loss (coupling loop selectivity.)
ype	Bandpass	Bandpass	Bandpass	Bandpass
ange (MHz)	30-39	40-50	42-50	66-88
um Input (Watts)	350	350	500	350
n Loss (dB)	0.5 to 2.0	0.5 to 2.0	0.5 to 2.0	.5 to 2.0
peration (MHz)	N/A	N/A	N/A	N/A
Attenuation (dB)	N/A	N/A	N/A	N/A
ctors	N Female	N Female	UHF Female	N Female
Cavities/Size	1 (5")	1 (10")	1 (10")	1 (8")
al Length	1/4 Wave	1/4 Wave	1/4 Wave	1/4 Wave
Range deg-C	-30 to +70	-30 to +70	-30 to +60	-30 to +70
um VSWR @ 50 Ohms	1.5	1.5	1.5:1	1.5
Method	Factory Tune	Factory Tune	Factory Tune	Factory Tune
um Size (HxWxD")	100 x 6 x 6	97" x 10 x 10	87 x 10 x 13	65 x 8 x 8
nty	Grey 1 Year	Grey 1 Year	Tek Black 1 Year	Grey 1 Year
				
CO Part No.	97702 *Specify Frequency	17368 *Specify Frequency	31890 *Specify Frequency	32881 *Specify Frequency
ce: T-1 Price:	$656.00 $518.24	$799.00 $631.21	$1,450.00 $1,106.35	$444.00 $350.76
: T-2 Price:	30 lb. $492.00	36 lb. $599.25	80 lb. $1,087.50	28 lb. $333.00
: T-3 Price:	13.64 kg. $485.44	16.36 kg. $591.26	36.36 kg. $1,080.25	12.73 kg. $328.56

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Amplifiers and Filters

Cavities, Lowband [440-10]

Manufacturer Table	Sinclair FP-10107*3
Product Narrative	High-Q filter. Aluminum cylinder, brass/copper inner conductor, Invar rod.
Filter Type	Bandpass
Freq. Range (MHz) Maximum Input (Watts) Insertion Loss (dB)	66-88 400 0.5 to 3.0
Min. Seperation (MHz) Reject Attenuation (dB) Connectors	N/A N/A N Female
No. of Cavities/Size Electrical Length temp. Range deg-C	1 (7") 1/4 Wave -40 to +60
Maximum VSWR @ 50 Ohms Tuning Method Maximum Size (HxWxD")	1.5:1 Factory Tune 65 x 7 x 7
Finish Warranty	Grey 2 Years
Pattern	
TESSCO Part No.	**87595** *Specify Frequency
List Price: T-1 Price:	$488.00 $400.16
Ship lb.: T-2 Price:	48 lb. $366.00
Ship kg.: T-3 Price:	21.82 kg. $361.12

Cavities, VHF [440-11]

Manufacturer Table	EMR Corp. FM6354/SB	EMR Corp. FM63B12/SBHF
Product Narrative	Broadcast cavity resonator, variable coupling loops to improve insertion loss.	Broadcast cavity resonator, v coupling loops to improve in loss.
Filter Type	Bandpass	Bandpass
Freq. Range (MHz) Maximum Input (Watts) Insertion Loss (dB)	88-108 150 1.0-1.5 db	88-108 1 kW 0.5-0.8
Min. Seperation (MHz) Reject Attenuation (dB) Connectors	N/A N/A N Female	N/A N/A 7/8 EIA Flange
No. of Cavities/Size Electrical Length temp. Range deg-C	2 (4") 1/4 Wave -30 to +60	3 (12") 1/4 Wave -30 to +60
Maximum VSWR @ 50 Ohms Tuning Method Maximum Size (HxWxD")	1.35:1 Factory Tune 36 x 4 x 4 (+rod)	1.2:1 Factory Tune 36 x 25 x 25 (+rod)
Finish Warranty	Grey 1 Year	Grey 1 Year
Pattern		
TESSCO Part No.	**12824** *Specify Frequency	**24789** *Specify Freq
List Price: T-1 Price:	$700.00 $540.40	$3,695.00 $2,852.
Ship lb.: T-2 Price:	35 lb. $534.10	230 lb. $2,819.
Ship kg.: T-3 Price:	15.91 kg. $525.00	104.54 kg. $2,771.

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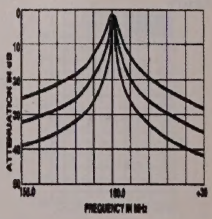
orp. 7/SB	EMR Corp. FM63810/SBHF	EMR Corp. FM6367/SN	EMR Corp. FM6354/SN	RFS Celwave 5090-1-1
ast cavity resonator, variable g loops to improve insertion	Broadcast cavity resonator, variable coupling loops to improve insertion loss.	Broadcast cavity resonator, variable coupling loops to improve insertion loss.	Broadcast cavity resonator, variable coupling loops to improve insertion loss.	Bandpass cavity with adjustable coupling loops. Loops can be replaced by PD5132 loops to convert to band reject cavity.
ss	Bandpass	Pass Notch	Pass Notch	Bandpass
1.25	88-108 500 0.5 to 0.8	88-108 200 Set by loops	88-108 150 Set by loops	136-150 350 0.5 to 1.5
le	N/A N/A 7/8 EIA Flange	N/A N/A N Female	N/A N/A N Female	N/A N/A N Female
ve +60	3 (10") 1/4 Wave -30 to +60	1 (7") 1/4 Wave -30 to +60	1 (4") 1/4 Wave -30 to +60	1 (6") 1/4 Wave -30 to +60
Tune x 7 (+rod)	1.2:1 Factory Tune 36 x 21.5 x 20 (+rod)	1.3:1 Factory Tune 36 x 7 x 7 (+rod)	1.3:1 Factory Tune 36 x 4 x 4 (+rod)	1.5:1 TESSCO/Field Tune 35 x 6 x 6
	Grey 1 Year	Grey 1 Year	Grey 1 Year	Black 1 Year
				
*Specify Frequency 00 $791.30 $782.08 g. $768.75	**76396** *Specify Frequency $840.00 $648.48 30 lb. $640.92 13.64 kg. $630.00	**38003** *Specify Frequency $385.00 $297.22 19 lb. $293.76 8.64 kg. $288.75	**89610** *Specify Frequency $305.00 $235.46 15 lb. $232.72 6.82 kg. $228.75	**21856** *Specify Frequency $880.00 $668.80 9 lb. $660.00 4.09 kg. $655.60

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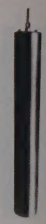
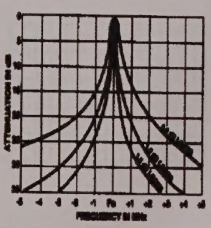
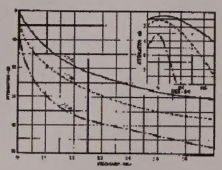
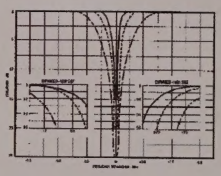
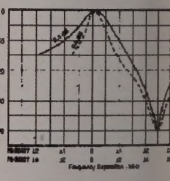
Cavities, VHF [440-11]

Manufacturer Table	RFS Celwave 1186	Sinclair FP-20107*3	Sinclair FR-20107*3	Sinclair FQ-20107*3
				
Product Narrative	High power bandpass filter. Copper/ Aluminum. Variable coupling loops.	High-Q filter. Aluminum cylinder, brass/copper inner conductor, Invar rod.	Band-reject (notch) cavity. Rotatable loops permits notch movement.	Q-circuit filter. Provides clos ing and high attenuation. Hig low pass.
Filter Type	Bandpass	Bandpass	Reject (Notch)	Pass-Reject
Freq. Range (MHz) Maximum Input (Watts) Insertion Loss (dB)	136-174 500 0.5 to 1.5	138-174 400 0.5 to 3.0	138-174 400 0.5 @ 1 MHz	138-174 350 0.5-2.0
Min. Seperation (MHz) Reject Attenuation (dB) Connectors	N/A N/A N Female	N/A N/A N Female	0.5 25 N Female	0.250 26 @ 250kHz N Female
No. of Cavities/Size Electrical Length temp. Range deg-C	1 (12") 1/4 Wave -30 to +60	1 (7") 1/4 Wave -40 to +60	1 (7") 1/4 Wave -40 to +60	1 (7") 1/4 Wave -40 to +60
Maximum VSWR @ 50 Ohms Tuning Method Maximum Size (HxWxD")	1.5:1 Factory Tune 36 x 12 x 12	1.5 TESSCO/Field Tune 35.5 x 7 x 7	1.5:1 TESSCO/Field Tune 32.5 x 7 x 7	1.5:1 TESSCO/Field Tune 33 x 7 x 7
Finish Warranty	Black 1 Year	Grey 2 Year	Grey 2 Year	Grey 2 Year
Pattern				
TESSCO Part No.	**85051**	*Specify Frequency	**35988**	*Specify Frequency	**70634**	*Specify Frequency	**57420**	*Specify Frequ
List Price: T-1 Price:	$2,640.00	$2,014.32	$320.00	$262.40	$356.00	$291.92	$280.00	$229.60
Ship lb.: T-2 Price:	22 lb.	$1,980.00	14 lb.	$240.00	14 lb.	$267.00	11.25 lb.	$210.00
Ship kg.: T-3 Price:	10.00 kg.	$1,927.20	6.36 kg.	$236.80	6.36 kg.	$263.44	5.11 kg.	$207.20

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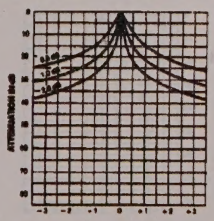
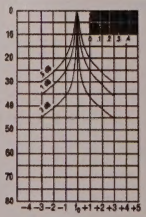
orp. BC	EMR Corp. 64610/SBC	EMR Corp. 6454/SBC	Telewave, Inc. TWPC1508-1	Decibel Products DB4002-B
wer Band Pass filter. Vari-upling loops to improve n loss.	Mid Power Band Pass filter. Variable coupling loops to improve insertion loss.	Mid Power Band Pass filter. Variable coupling loops to improve insertion loss.	Bandpass cavity. Adjustable insertion coupling loops.	High Q pass cavity. Copper/brass const. Mount vertically. Adjustable insertion loss coupling loops. Field tunable only.
ss	Bandpass	Bandpass	Bandpass	Bandpass
)	144-190 200 0.5 to 2.0	144-190 150 0.5 to 2.0	148-174 350 0.5 to 2.0	148-174 250 0.5 to 3.0
le	N/A N/A N Female	N/A N/A N Female	N/A N/A N Female	N/A N/A UHF Female
ve -60	1 (10") 1/4 Wave -30 to +60	1 (4") 1/4 Wave -30 to +60	1 (8") 1/4 Wave -30 to +70	1 (11") 1/4 Wave -30 to +60
Tune x 7 (+Rod)	1.25:1 Factory Tune 36 x 10 x 10 (+Rod)	1.25:1 Factory Tune 24 x 4 x 4 (+Rod)	1.5 TESSCO/Field Tune 28 x 8 x 8	1.5 Field Tune Only 35 x 12 x 12
	Grey 1 Year	Grey 1 Year	Grey 1 Year	Tek Black 1 Year
				
*Specify Frequency $204.58 $202.20 $198.75	**48520** *Specify Frequency $315.00 $243.18 24 lb. $240.35 10.91 kg. $236.25	**69228** *Specify Frequency $220.00 $169.84 30 lb. $167.86 13.64 kg. $165.00	**94154** *Specify Frequency $338.00 $273.78 8 lb. $261.95 3.64 kg. $253.50	**53847** *Specify Frequency $1,450.00 $1,106.35 48 lb. $1,087.50 21.82 kg. $1,080.25

Amplifiers and Filters

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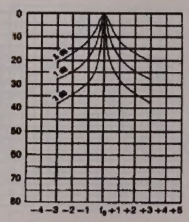
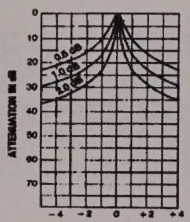
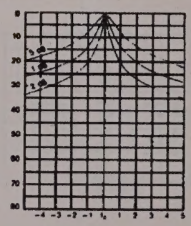
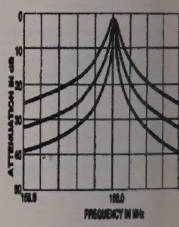
Cavities, VHF [440-11]

Manufacturer Table	Decibel Products DB4002N-B	Telewave, Inc. TWPC1505-1	Decibel Products DB4001-1	RFS Celwave 5090-1-2
Product Narrative	High Q pass cavity. Copper/brass const. Mount vertically. Adjustable insertion loss coupling loops. Field tunable only.	Bandpass cavity. Adjustable insertion coupling loops.	Quarter wave pass cavity. Invar tuning rod. Adjustable insertion coupling loops.	Bandpass cavity with adjustabl coupling loops. Loops can be replaced by PD5132 loops to vert to band reject cavity.
Filter Type	Bandpass	Bandpass	Bandpass	Bandpass
Freq. Range (MHz) Maximum Input (Watts) Insertion Loss (dB)	144-174 400 0.5 to 3.0	144-174 350 0.5 to 2.0	148-174 350 0.5 to 2.0	150-174 350 0.5 to 1.5
Min. Seperation (MHz) Reject Attenuation (dB) Connectors	N/A N/A N Female	N/A N/A N Female	N/A N/A UHF Female	N/A N/A N Female
No. of Cavities/Size Electrical Length temp. Range deg-C	1 (11") 1/4 Wave -30 to +60	1 (5") 1/4 Wave -30 to +70	1 (5") 1/4 Wave -30 to +60	1 (6") 1/4 Wave -30 to +60
Maximum VSWR @ 50 Ohms Tuning Method Maximum Size (HxWxD")	1.5 Field Tune Only 35 x 12 x 12	1.5 TESSCO/Field Tune 28 x 5 x 5	1.5:1 TESSCO/Field Tune 27 x 6 x 7	1.5:1 TESSCO/Field Tune 35 x 6 x 6
Finish Warranty	Tek Black 1 Year	Grey 1 Year	Tek Black 1 Year	Black 1 Year
Pattern				
TESSCO Part No.	**87743** Field Tune	**55761** *Specify Frequency	**19201** *Specify Frequency	**10509** *Specify Frequ
List Price: T-1 Price:	$1,450.00 $1,106.35	$242.00 $196.02	$375.00 $286.13	$550.00 $418.00
Ship lb.: T-2 Price:	48 lb. $1,087.50	8 lb. $187.55	9 lb. $281.25	9 lb. $412.50
Ship kg.: T-3 Price:	21.82 kg. $1,080.25	3.64 kg. $181.50	4.09 kg. $279.38	4.09 kg. $409.75

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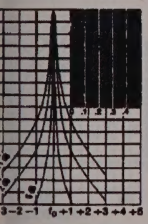
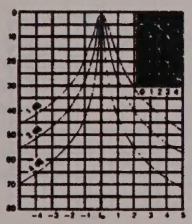
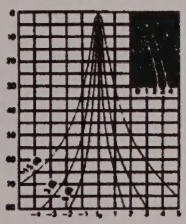
Products -2B	Decibel Products DB4001-2	Decibel Products DB4001-3	EMR Corp. 6467/SNC	EMR Corp. 64610/SNC
s filter with two cavities. ertically. Adjustable inser- coupling loops.	Bandpass cavity with resonators. Invar rods. Variable coupling loops. Set on mounting rails. RG214 cables.	Bandpass filter with high-Q resonators, Invar rods. Loops are adjustable. Set on mounting rails. RG214 intercabling.	Mid Power Pass Notch filter. Variable coupling loops to improve insertion loss.	Mid Power Pass Notch filter. Variable coupling loops to improve insertion loss.
s	Bandpass	Bandpass	Pass Notch	Pass Notch
0	148-174 400 1 to 4	148-174 400 1.5 to 6	144-190 200 Set by loops	144-190 200 Set by loops
male	N/A N/A UHF Female	N/A N/A UHF Female	N/A N/A N Female	N/A N/A N Female
e 60	2 (5") 1/4 Wave -30 to +60	3 (5") 1/4 Wave -30 to +60	1 (7") 1/4 Wave -30 to +60	1 (10") 1/4 Wave -30 to +60
ne x 27	1.5 TESSCO/Field Tune 7x13x27	1.5 Factory Tune 7x19x27	1.25:1 Factory Tune 36 x 7 x 7 (+Rod)	1.25:1 Factory Tune 24 x 10 x 10 (+Rod)
k	Tek Black 1 Year	Tek Black 1 Year	Grey 1 Year	Grey 1 Year
				
Field Tune 0 $2,208.89 $2,171.25 $2,156.78	**81524** *Specify Frequency $825.00 $629.48 18 lb. $618.75 8.18 kg. $614.63	**80275** *Specify Frequency $1,215.00 $927.05 25 lb. $911.25 11.36 kg. $905.18	**34057** *Specify Frequency $280.00 $216.16 19 lb. $213.64 8.64 kg. $210.00	**72450** *Specify Frequency $335.00 $258.62 58 lb. $255.61 26.36 kg. $251.25

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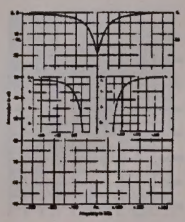
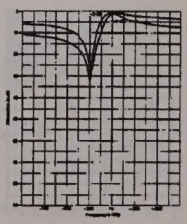
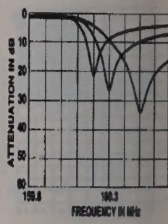
Cavities, VHF [440-11]

Manufacturer Table	EMR Corp. 6454/SNC	Telewave, Inc. TWNC1508-1	Telewave, Inc. TPRC1508-1	RFS Celwave 5091-1-2
Product Narrative	Mid Power Pass Notch filter. Variable coupling loops to improve insertion loss.	Notch/reject cavity. Adjustable insertion coupling loops.	Bandpass/reject cavity. Adjustable insertion coupling loops.	Pass/reject cavity. High or lo with adjustable coupling. Co to bandpass with PD5131 lo
Filter Type	Pass Notch	Reject (Notch)	Pass-Reject	Pass-Reject
Freq. Range (MHz) Maximum Input (Watts) Insertion Loss (dB)	144-190 150 Set by loops	144-174 350 0.5 to 2.0	144-174 350 0.5 to 2.0	150-174 400 0.8
Min. Seperation (MHz) Reject Attenuation (dB) Connectors	N/A N/A N Female	1 @ 1dB IL 25 N Female	0.300 35 @.5dB IL N Female	.25 @.8 IL 24 @.8dB IL N Female
No. of Cavities/Size Electrical Length temp. Range deg-C	1 (4") 1/4 Wave -30 to +60	1 (8") 1/4 Wave -30 to +70	1 (8") 1/4 Wave -30 to +70	1 (6") 1/4 Wave -30 to +60
Maximum VSWR @ 50 Ohms Tuning Method Maximum Size (HxWxD")	1.3:1 Factory Tune 24 x 4 x 4 (+Rod)	1.5 TESSCO/Field Tune 23.5 x 8 x 8	1.5 TESSCO/Field Tune 23.5 x 8 x 8	1.5:1 TESSCO/Field Tune 35 x 6 x 6
Finish Warranty	Grey 1 Year	Grey 1 Year	Grey 1 Year	Black 1 Year
Pattern				
TESSCO Part No.	**86913** *Specify Frequency	**80741** *Specify Frequency	**90407** *Specify Frequency	**48902** *Specify Freq
List Price: T-1 Price:	$245.00 $189.14	$338.00 $273.78	$338.00 $273.78	$580.00 $440.8
Ship lb.: T-2 Price:	12 lb. $186.94	8 lb. $261.95	8 lb. $261.95	10 lb. $435.0
Ship kg.: T-3 Price:	5.45 kg. $183.75	3.64 kg. $253.50	3.64 kg. $253.50	4.54 kg. $432.1

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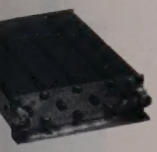
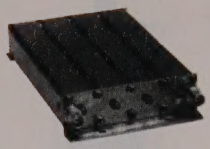
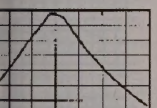
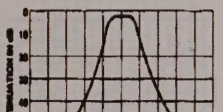
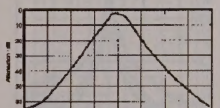
*1	RFS Celwave PD911-PB4-1-4	Sinclair FP-20401*2	RFS Celwave PD911-PB4-1-2
			
helical preselector. 1 dwidth. Mounts to any flat	Compact preselector provides a bandpass response with 4 MHz bandwidth.	Compact helical preselector. 1 MHz bandwidth. Mounts to any flat surface.	Compact preselector provides a bandpass response with 2 MHz bandwidth. *Specify Frequency
or	Preselector	Preselector	Preselector
Only	144-160 Receive Only 2.25 Max.	150-160 Receive Only 2.0	144-160 Receive Only 2.25 Max.
nale	4 N/A BNC Female	N/A N/A BNC Female	2 N/A BNC Female
50	4 Helical -30 to +60	4 Helical -30 to +60	4 Helical -30 to +60
Tune x 4.9	1.5:1 See Below 1.25 x 4.2 x 4.6	1.5:1 Factory Tune 1.3 x 4.2 x 4.9	1.5:1 See Below 1.25 x 4.2 x 4.6
	Black 1 Year	Grey 2 Year	Black 1 Year
			
*Specify Frequency $213.20 $195.00 $192.40	**36017** *Specify Frequency Factory Tune $329.60 $251.49 3 lb. $247.20 1.36 kg. $240.61	**15949** *Specify Frequency $260.00 $213.20 2.5 lb. $195.00 1.14 kg. $192.40	**64089** TESSCO/Field Tune $329.60 $250.50 1.23 lb. $247.20 0.56 kg. $245.56

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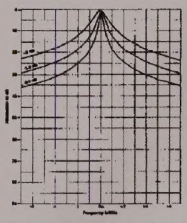
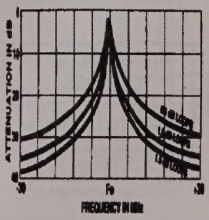
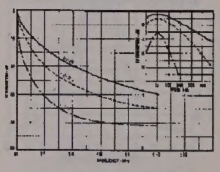
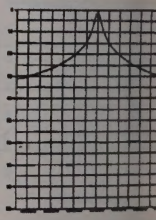
Cavities, UHF [440-12]

Manufacturer Table	Telewave, Inc. TWPC4505-1	RFS Celwave 500-4	Sinclair FP-30107*3	Telewave, Inc. TWPC4508-1
Product Narrative	Bandpass cavity with adjustable insertion (coupling) loops.	Quarter wave all copper cavity. Adjustable insertion loss coupling loops. Temp. compensated.	High-Q filter. Aluminum cylinder, brass/copper inner conductor, Invar rod.	Bandpass cavity with adjustab insertion (coupling) loops.
Filter Type	Bandpass	Bandpass	Bandpass	Bandpass
Freq. Range (MHz) Maximum Input (Watts) Insertion Loss (dB)	406-512 350 0.5 to 2.0	406-512 300 0.5 to 1.5	406-512 350 0.5 to 3.0	406-512 350 .5 to 2.0
Min. Seperation (MHz) Reject Attenuation (dB) Connectors	N/A N/A N Female	N/A N/A N Female	N/A N/A N Female	N/A N/A N Female
No. of Cavities/Size Electrical Length temp. Range deg-C	1 (5") 3/4 wave -30 to +70	1 (6") 1/4 wave -30 to +60	1 (7") 1/4 wave -40 to +60	1 (8") 1/4 wave -30 to +70
Maximum VSWR @ 50 Ohms Tuning Method Maximum Size (HxWxD")	1.5 TESSCO/Field Tune 36 x 5 x 5	1.5:1 TESSCO/Field Tune 15 x 6 x 6	1.5 TESSCO/Field Tune 18 x 7 x 7	1.5 TESSCO/Field Tune 17 x 8 x 8
Finish Warranty	Grey 1 Year	Black 1 Year	Grey 2 Years	Grey 1 Year
Pattern				
TESSCO Part No.	**42547** *Specify Frequency	**54749** *Specify Frequency	**61167** *Specify Frequency	**80940** *Specify Freq
List Price: T-1 Price:	$231.00 $187.11	$506.00 $384.56	$228.00 $186.96	$284.00 $230.0
Ship lb.: T-2 Price:	6.75 lb. $179.03	5 lb. $379.50	9 lb. $171.00	6.9 lb. $220.1
Ship kg.: T-3 Price:	3.07 kg. $173.25	2.27 kg. $376.97	4.09 kg. $168.72	3.14 kg. $213.0

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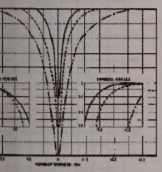
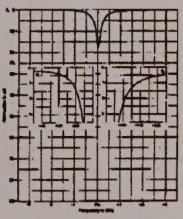
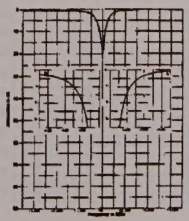
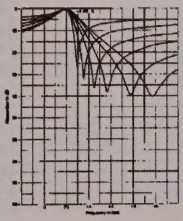
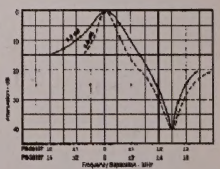
Filters, Combiners, Duplexers, Ferrites

7*3	Telewave, Inc. TWNC4504-1	Telewave, Inc. TWNC4508-1	Telewave, Inc. TPRC4508-1	Sinclair FQ-30107*3
ect (notch) cavity. Rotat- os permit notch adjust-	Band-reject (notch) cavity. Adjust-able coupling.	Notch reject cavity. Adjustable insertion (coupling) loops.	Bandpass/reject cavity. Adjustable insertion (coupling) loops.	Q-circuit filter. Provides close spac-ing and high attenuation. High or low pass.
Notch)	Reject (Notch)	Reject (Notch)	Pass-Reject	Pass-Reject
MHz	406-512 350 0.5 @ 1 MHz	406-512 350 0.5 @ 1 MHz	406-512 350 0.5 to 2.0	406-512 350 0.3-2.0
e	0.5 18 dB N Female	0.5 24 N Female	0.5 35 N Female	0.5 27 @ 500kHz N Female
60	1 (4") 1/4 wave -30 to +70	1 (8") 1/4 wave -30 to +70	1 (8") 1/4 wave -30 to +70	1 (7") 1/4 wave -40 to +60
/Field Tune x 7	1.5 TESSCO/Field Tune 17 x 4 x 4	1.5 TESSCO/Field Tune 17" x 8 x 8	1.5 TESSCO/Field Tune 17" x 8 x 8	1.5:1 TESSCO/Field Tune 16 x 7 x 7
	Grey 1 Year	Grey 1 Year	Grey 1 Year	Grey 2 Years
				
*Specify Frequency $209.92 $192.00 $189.44	**57493** *Specify Frequency $260.00 $210.60 8 lb. $201.50 3.64 kg. $195.00	**82189** *Specify Frequency $284.00 $230.04 8 lb. $220.10 3.64 kg. $213.00	**38800** *Specify Frequency $284.00 $230.04 8.25 lb. $220.10 3.75 kg. $213.00	**44206** *Specify Frequency $272.00 $223.04 11 lb. $204.00 5.00 kg. $201.28

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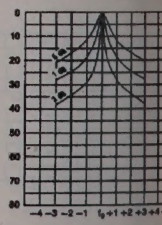
Cavities, UHF [440-12]

Manufacturer Table	EMR Corp. 6554/SBC	EMR Corp. 6567/SBC	EMR Corp. 65610/SBC	Decibel Products DB4002-D
Product Narrative	Mid Power Band Pass filter. Variable coupling loops to improve insertion loss.	Mid Power Band Pass filter. Variable coupling loops to improve insertion loss.	Mid Power Band Pass filter. Variable coupling loops to improve insertion loss.	Quarter wave high Q bandpa ity. Adjustable insertion (cou loops. Copper/brass w/ Invar tunable only.
Filter Type	Bandpass	Reject (Notch)	Reject (Notch)	Bandpass
Freq. Range (MHz) Maximum Input (Watts) Insertion Loss (dB)	440-512 150 0.5 to 2.0	440-512 200 0.5 to 2.0	440-512 200 0.5 to 2.0	450-512 250 0.5 to 3.0
Min. Seperation (MHz) Reject Attenuation (dB) Connectors	N/A N/A N Female	N/A N/A N Female	N/A N/A N Female	N/A N/A UHF Female
No. of Cavities/Size Electrical Length temp. Range deg-C	1 (4") 1/4 wave -30 to +60	See Below 1/4 wave -30 to +60	1 (10") 1/4 wave -30 to +60	1 (11") 3/4 wave -30 to +60
Maximum VSWR @ 50 Ohms Tuning Method Maximum Size (HxWxD")	1.25:1 Factory Tune 12 x 4 x 4 (Rod)	1.25:1 Factory Tune 12 x 7 x 7 (+Rod)	1.3:1 Factory Tune 12 x 10 x 10 (+Rod)	1.5 Field Tune Only 35 x 12 x 12
Finish Warranty	Grey 1 Year	Grey 1 Year	Grey 1 Year	Tek Black 1 Year
Pattern				
TESSCO Part No.	**20843** *Specify Frequency	**452197** NEW 2 (7"), *Specify Frequency	**97629** *Specify Frequency	**27419** *Specify Frequ
List Price: T-1 Price:	$210.00 $162.12	$570.00 $440.04	$300.00 $231.60	$1,184.00 $903.40
Ship lb.: T-2 Price:	9 lb. $160.23	27 lb. $434.91	18 lb. $228.90	48 lb. $888.00
Ship kg.: T-3 Price:	4.09 kg. $157.50	12.27 kg. $427.50	8.18 kg. $225.00	21.82 kg. $882.08
		59236 1 (7"), *Specify Frequency		
		$240.00 $185.28		
		13 lb. $183.12		
		5.91 kg. $180.00		

NEW = New Listing. Pricing for reference See TESSCO.com for latest pricing and pro
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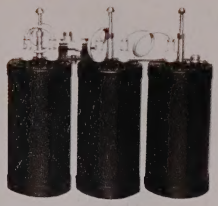
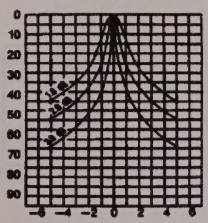
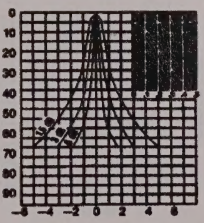
	EMR Corp. 6567/SNC	Decibel Products DB4026W-2	Decibel Products DB4026W-3	EMR Corp. 02515/C
				
r Pass Notch filter. Vari-ing loops to improve oss.	Mid Power Pass Notch Filter. Variable coupling loops to improve insertion loss.	Rack mount dual cavity bandpass filter. Adjustable loops. All copper cavity.	Rack mount bandpass cavity. Invar rod. Adjustable insertion(coupling) loops. All copper cavity.	Receiver Preselector has application in low power, broad banded transmit applications.
h	Pass Notch	Bandpass	Bandpass	B/P Preselect
ps	440-512 200 Set by loops	450-512 250 1.0 to 4.0	450-512 250 1.5 to 6.0	440-512 RECEIVE 2.0 db
	N/A N/A N Female	N/A N/A N Female	N/A N/A N Female	3-15 MHz N/A N Female
)	1 (7") 1/4 wave -30 to +60	2 (4") 1/4 wave -40 to +60	3 (4") 1/4 wave -40 to +60	5 N/A -30 to +60
une (Rod)	1.3:1 Factory Tune 12 x 7 x 7 (Rod)	1.5:1 TESSCO/Field Tune 5.25 x 19 x 10.5	1.5:1 Factory Tune 5.25 x 19 x 10.5	1.25:1 Factory Tune 2 x 11.5 x 5.5
	Grey 1 Year	Tek Black 1 Year	Tek Black 1 Year	Chem Film 1 Year
				
*Specify Frequency $169.84 $167.86 $165.00	**44773** $255.00 13 lb. 5.91 kg.	*Specify Frequency $196.86 $194.57 $191.25	**87244** $695.00 10.7 lb. 4.86 kg.	*Specify Frequency $530.29 $521.25 $517.78	**59567** $1,050.00 20 lb. 9.09 kg.	*Specify Frequency $801.15 $787.50 $782.25	**54964** $375.00 15 lb. 6.82 kg.	*Specify Frequency $289.50 $286.13 $281.25

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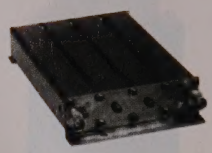
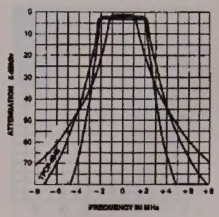
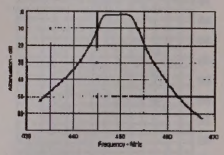
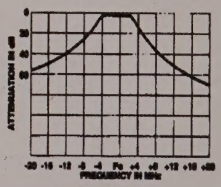
Cavities, UHF [440-12]

Manufacturer Table	Telewave, Inc. TPCP4546	Sinclair FP-30401A*2	RFS Celwave 941-PB4-2-3	Telewave, Inc. TPCP-45215-2
				
Product Narrative	Preselector with 4 MHz bandwidth. Consists of bandpass cavities with RG214 intercabling. 19" rack mount.	Compact helical preselector. 5 MHz bandwidth. Mounts to any flat surface.	Compact preselector with helical resonators. 3 MHz bandwidth.	Dual Window Combline Ba Preselector. Covers standa repeater input frequencies. passband. 19" rack mount.
Filter Type	Preselector	Preselector	Preselector	Preselector
Freq. Range (MHz) Maximum Input (Watts) Insertion Loss (dB)	406-512 @4 BW 350 2.0	450-512 Receive Only 2.0	440-474 Receive Only 1.5	455-460 & 465-470 Recieve Only <2dB
Min. Seperation (MHz) Reject Attenuation (dB) Connectors	4 MHz N/A N Female	5 MHz N/A BNC Female	3 MHz N/A BNC Female	N/A 35 dB min @ +/- 3Mhz N Female
No. of Cavities/Size Electrical Length temp. Range deg-C	6 (4") 1/4 wave -30 to +70	4 Helical -30 to +60	4 Helical -30 to +60	15 per filter -30 to 60 Deg C
Maximum VSWR @ 50 Ohms Tuning Method Maximum Size (HxWxD")	1.5 Factory Tune 5.25 x 19 x 10.5	1.5:1 Factory Tune 1.3 x 4.2 x 7.0	1.5:1 Factory Tune 1.25 x 4.2 x 9.25	1.5:1 Factory Tune 10.5 x 19 x 8.25"
Finish Warranty	Grey 1 Year	Grey 2 Years	Black 1 Year	Black Aluminum 1 Year
Pattern				
TESSCO Part No.	**47120** *Specify Frequency	**41708** *Specify Frequency	**89268** *Specify Frequency	**75044** *Specify Fre
List Price: T-1 Price:	$1,461.00 $1,154.19	$236.00 $193.52	$336.00 $255.36	$2,138.00 $1,689
Ship lb.: T-2 Price:	24 lb. $1,095.75	2.5 lb. $177.00	1.56 lb. $252.00	24 lb. $1,603
Ship kg.: T-3 Price:	10.91 kg. $1,081.14	1.14 kg. $174.64	0.71 kg. $250.32	10.91 kg. $1,582

Amplifiers and Filters

TESSCO TECHNOLOGIES

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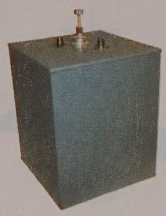
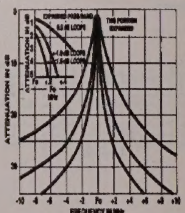
urer

ties, 800-1000

-13]

	EMR Corp. 6667/SBC3	EMR Corp. 66610/SBC3	EMR Corp. 6654/SBC1	RFS Celwave 500-8
				
Narrative	Mid Power Band Pass filter. Variable coupling loops to improve insertion loss. For 800 trunking and cellular applications..	Mid Power Band Pass filter. Variable coupling loops to improve insertion loss. For 800 trunking and cellular applications..	Mid Power Band Pass filter. Variable coupling loops to improve insertion loss. For 800 trunking and cellular applications.	Quarter wave cavity. All copper. Temperature compensated. Adjustable insertion loss coupling loops.
pe	Bandpass	Bandpass	Bandpass	Bandpass
ge (MHz)	806-894	806-894	806-894	806-960
Input (Watts)	200	250	150	250
Loss (dB)	0.5 to 2.0	Set by loops	Set by loops	0.5 to 1.5
eration (MHz)	N/A	N/A	N/A	N/A
tenuation (dB)	N/A	N/A	N/A	N/A
ors	N Female	N Female	N Female	N Female
avities/Size	1 (7")	1 (12")	1 (6")	1 (6")
Length	3/4 wave	3/4 wave	1/4 wave	1/4 wave
nge deg-C	-30 to +60	-30 to +60	-40 to +71	-30 to +60
VSWR @ 50 Ohms	1.25:1	1.25:1	1.2:1	1.5:1
ethod	Factory Tuned	Factory Tuned	Factory Tuned	TESSCO/Field Tune
Size (HxWxD")	12"x 7"x 7" (+Rod)	12"x 10"x 10"	6"x 4"x 4"	11 x 6 x 6
	Grey	Black	Black	Black
	1 Year	1 Year	1 Year	1 Year
				
D Part No.	81917	91384	95131	14256
T-1 Price:	$245.00 *Specify Frequency	$300.00 *Specify Frequency	$195.00 *Specify Frequency	$572.00 *Specify Frequency
T-2 Price:	$189.14	$231.60	$150.54	$434.72
T-3 Price:	13 lb. $186.94	15 lb. $228.90	12 lb. $148.79	5.5 lb. $429.00
	5.91 kg. $183.75	6.82 kg. $225.00	5.45 kg. $146.25	2.50 kg. $426.14

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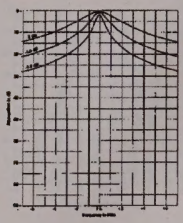
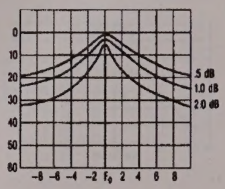
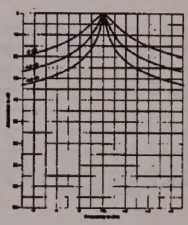
Cavities, 800-1000 MHz [440-13]

Manufacturer Table	Telewave, Inc. TWPC8604-1	Decibel Products DB4028-1	Telewave, Inc. TWPC8608-1	EMR Corp. 6654/SNC1
Product Narrative	Bandpass Cavity. Adjustable insertion loss coupling loops.	Bandpass cavity on 19" rack panel. Copper construction with Invar rod. Rotatable loops.	Bandpass Cavity. Adjustable insertion loss coupling loops.	Mid Power Pass Notch filter able coupling loops to impro insertion loss. For 800 trunk cellular applications..
Filter Type	Bandpass	Bandpass	Bandpass	Pass Notch
Freq. Range (MHz) Maximum Input (Watts) Insertion Loss (dB)	806-960 350 0.5 to 2.0	806-960 125 0.5	806-900 350 0.5 to 2.0	806-894 150 Set by loops
Min. Seperation (MHz) Reject Attenuation (dB) Connectors	N/A N/A N Female	N/A N/A N Female	N/A N/A N Female	N/A N/A N Female
No. of Cavities/Size Electrical Length temp. Range deg-C	1 (4") 1/4 wave -30 to +70	1 (5x7") 1/4 wave -40 to +60	1 (8") 1/4 wave -30 to +70	1 (4") 1/4 wave -30 to +60
Maximum VSWR @ 50 Ohms Tuning Method Maximum Size (HxWxD")	1.5 TESSCO/Field Tune 12 x 5 x 5	1.5:1 Factory Tuned 5.25 x 19 x 10.5	1.5 TESSCO/Field Tune 12 x 8 x 8	1.3:1 Factory Tuned 6"x 4"x 4" (+Rod)
Finish Warranty	Grey 1 Year	Tek Black 1 Year	Grey 1 Year	Grey 1 Year
Pattern				
TESSCO Part No.	**29333** *Specify Frequency	**46353** *Specify Frequency	**67726** *Specify Frequency	**29061** *Specify Freq
List Price: T-1 Price:	$260.00 $210.60	$550.00 $419.65	$284.00 $230.04	$205.00 $158.2
Ship lb.: T-2 Price:	2 lb. $201.50	120 lb. $412.50	9.1 lb. $220.10	7 lb. $156.4
Ship kg.: T-3 Price:	0.91 kg. $195.00	54.54 kg. $409.75	4.14 kg. $213.00	3.18 kg. $153.7

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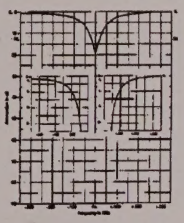
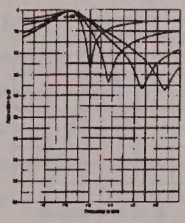
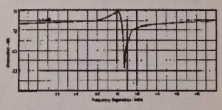
Filters, Combiners, Duplexers, Ferrites

rp. C3	EMR Corp. 66610/SNC3	Telewave, Inc. TWNC8604-1	Telewave, Inc. TPRC8604-1	Sinclair FQ-40137
er Band Pass filter. Vari-ling loops to improve loss. For 800 trunking and pplications.	Mid Power Band Pass filter. Variable coupling loops to improve insertion loss. For 800 trunking and cellular applications.	Notch/reject cavity. Adjustable insertion coupling loops.	Bandpass/reject cavity. Adjustable insertion loss coupling loops.	Q-Circuit filter. Provides close spacing and high attenuation. High or low pass.
ch	Pass Notch	Reject (Notch)	Pass-Reject	Pass-Reject
ps	806-894 250 Set by loops	806-960 350 0.5 @ 1 MHz	806-960 350 0.5 to 2.0	806-960 350 0.5-2.0
	N/A N/A N Female	.5 40 dB N Female	3.50 35 N Female	750 kHz 28 @ 750kHz N Female
0	1 (12") 3/4 wave -30 to +60	1 (4") 1/4 wave -30 to +70	1 (4") 1/4 wave -30 to +70	1 (7") 1/4 wave -40 to +60
uned 2"	1.3:1 Factory Tuned 12"x 10"x 10"	1.5 TESSCO Tune 12 x 4 x 4	1.5 Factory Tuned 10 x 4 x 4	1.5:1 TESSCO/Field Tune 16.7 x 7 x 7
	Black 1 Year	Grey 1 Year	Grey 1 Year	Grey 2 Years
				
*Specify Frequency $200.72 $198.38 $195.00	**93882** *Specify Frequency $310.00 $239.32 15 lb. $236.53 6.82 kg. $232.50	**50774** *Specify Frequency $260.00 $205.40 8 lb. $195.00 3.64 kg. $192.40	**77193** *Specify Frequency $260.00 $205.40 5 lb. $195.00 2.27 kg. $192.40	**82599** *Specify Frequency $495.00 $405.90 9 lb. $371.25 4.09 kg. $366.30

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Cavities, 800-1000 MHz [440-13]

Manufacturer Table	EMR Corp. 6654/SND1	EMR Corp. 6667/SND3	EMR Corp. 6667/SBD3	EMR Corp. 6654/SBD1
Product Narrative	Mid Power Pass Notch filter. Variable coupling loops to improve insertion loss. For 800 trunking and cellular applications.	Mid Power Pass Notch filter. Variable coupling loops to improve insertion loss. For 800 trunking and cellular applications..	Mid Power Band Pass filter. Variable coupling loops to improve insertion loss. For 800 trunking and cellular applications..	Mid Power Band Pass filter. V able coupling loops to impro insertion loss. For 800 trunki cellular applications..
Filter Type	Pass Notch	Pass Notch	Bandpass	Bandpass
Freq. Range (MHz)	894-960	894-960	894-960	894-960
Maximum Input (Watts)	150	200	200	150
Insertion Loss (dB)	Set by loops	Set by loops	0.5 to 2.0	0.5 to 2.0
Min. Seperation (MHz)	N/A	N/A	N/A	N/A
Reject Attenuation (dB)	N/A	N/A	N/A	N/A
Connectors	N Female	N Female	N Female	N Female
No. of Cavities/Size	1 (4")	1 (7")	1 (7")	1 (4")
Electrical Length	1/4 wave	3/4 wave	3/4 wave	3/4 wave
temp. Range deg-C	-30 to +60	-30 to +60	-30 to +60	-30 to +60
Maximum VSWR @ 50 Ohms	1.3:1	1.3:1	1.25:1	1.25:1
Tuning Method	Factory Tuned	Factory Tuned	Factory Tuned	Factory Tuned
Maximum Size (HxWxD")	6"x 4"x 4" (+Rod)	10"x 7"x 7" (+Rod)	12"x 7"x 7" (+Rod)	6"x 4"x 4" (+Rod)
Finish	Grey	Grey	Grey	Grey
Warranty	1 Year	1 Year	1 Year	1 Year
Pattern				
TESSCO Part No.	**13349**	**51742**	**64956**	**78170**
List Price: / T-1 Price:	$205.00 / *Specify Frequency	$260.00 / *Specify Frequency	$245.00 / *Specify Frequency	$195.00 / *Specify Freq
Ship lb.: / T-2 Price:	7 lb. / $158.26	11 lb. / $200.72	13 lb. / $189.14	7 lb. / $150.54
Ship kg.: / T-3 Price:	3.18 kg. / $156.42	5.00 kg. / $198.38	5.91 kg. / $186.94	3.18 kg. / $148.79
		$195.00	$183.75	$146.25

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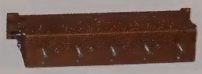
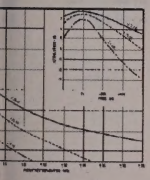
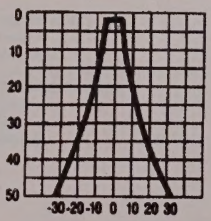
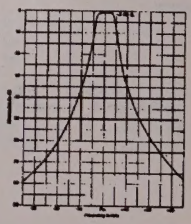
	EMR Corp. 02616/C	EMR Corp. 02615/C	Decibel Products DB4192WT	Telewave, Inc. TPCP-8626
				
lter Aluminum cylinder, per inner conductor,	Receiver Preselector has application in low power, broad banded transmit applications.	Receiver Preselector has application in low power, broad banded transmit applications.	Shape Factored interdigital filter. 18 MHz passband, for trunking RX frequnecies. Attenuates cellular. 19" rack mount.	Preselector with 15 MHz max. passband. Pretuned to 806-821, retunable if needed. 19" rack mount.
	B/Pass Presel	B/Pass Presel	Bandpass	Preselector
0	806-894 N/A 1.5-3.5	806-894 N/A 1.5-3.0	806-824 150 1.1	806-821 350 0.5
	3-15 MHz N/A N Female	5-15 MHz N/A N Female	N/A N/A N Female	N/A N/A N Female
0	6 N/A -30 to +60	5 N/A -30 to +60	Interdigit. N/A -30 to +60	6 N/A -30 to +70
Field Tune 7	1.3:1 min. Factory Tuned 21 x 8 x 8	1.2:1 min. Factory Tuned 21 x 8 x 8	1.5 Pretuned 5.25 x 19 x 12	1.5 Pretuned 5.25 x 19 x 5
	Black 1 Year	Black 1 Year	Tek Black 1 Year	Grey 1 Year
				
*Specify Frequency $393.60 $360.00 $355.20	**41750** $450.00 15 lb. 6.82 kg.	*Specify Frequency $347.40 $343.35 $337.50	**93357** $375.00 15 lb. 6.82 kg.	*Specify Frequency $289.50 $286.13 $281.25	**92190** $635.00 8 lb. 3.64 kg.	$484.51 $476.25 $473.08	**98625** $727.00 8 lb. 3.64 kg.	$588.87 $563.43 $545.25

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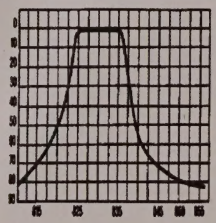
Cavities, 800-1000 MHz [440-13]

Manufacturer Table	EMR Corp. 02616/D	Decibel Products DB4193A
Product Narrative	Receiver Preselector has application in low power, broad banded transmit applications.	Shape Factored interdigital filter. Pretuned. Passes nonwireline cellular A band. Attenuates SMR & competing cellular
Filter Type	B/Pass Presel	Preselector
Freq. Range (MHz)	896-901	825-835
Maximum Input (Watts)	N/A	RX only
Insertion Loss (dB)	1.5-3.5	2.0
Min. Seperation (MHz)	3-15 MHz	N/A
Reject Attenuation (dB)	N/A	N/A
Connectors	N Female	N Female
No. of Cavities/Size	6	Interdigit.
Electrical Length	N/A	N/A
temp. Range deg-C	-30 to +60	-30 to +60
Maximum VSWR @ 50 Ohms	1.3:1	1.5
Tuning Method	Factory Tuned	Pretuned
Maximum Size (HxWxD")	14 x 5 x 2	1.2 x 17.75 x 5.5
Finish	Black	Tek Black
Warranty	1 Year	1 Year
Pattern		
TESSCO Part No.	**15284** *Specify Frequency	**72980**
List Price: T-1 Price:	$450.00 $347.40	$695.00 $530.29
Ship lb.: T-2 Price:	15 lb. $343.35	7 lb. $521.25
Ship kg.: T-3 Price:	6.82 kg. $337.50	3.18 kg. $517.78

Duplexers, Low Band [440-30]

Manufacturer Table	Decibel Products DB4032A
Product Narrative	Band-reject duplexer hous cabinet. Cavities interconn with double shielded cable.
Type	Notch (Reject)
Freq. Range (MHz)	30.5-50
Min. Separation (MHz)	0.5 or more
Maximum Input (Watts)	150
Insertion Loss (Tx/Ant-dB)	2.0 dB
Insertion Loss (Rx/Ant-dB)	2.0 dB
Isolation Tx Side	80
Isolation Rx (Notch-dB)	80
Connectors	UHF Female
No. of Cavities/Size	8 (6")
Electrical Length	1/4 wave
temp. Range deg-C	-10 to +50
Maximum VSWR @ 50 Ohms	1.5 to 1
Tuning Method	Factory Tune
Size (HxWxD")	30 x 19.25 x 7.38
Finish	Tek Black
Warranty	1 Year
TESSCO Part No.	**87017** *Specify Fre
List Price: T-1 Price:	$5,150.00 $3,92
Ship lb.: T-2 Price:	90 lb. $3,86
Ship kg.: T-3 Price:	40.90 kg. $3,83

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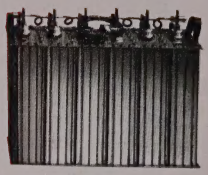
C	Telewave, Inc. TPRD-0454	Telewave, Inc. TPRD-0754	Manufacturer Table	Sinclair Q-2330E
			Duplexers, VHF [440-31]	
ect duplexer housed in a ding cabinet.	Base station pass reject duplexer. RG214 interconnect cables.	Pass-reject duplexer. RG214 inter-connection cables.	Product Narrative	Q-Circuit duplexer. The "Res-Loc" design allows mounting on 19" rack with cavities horizontal or vertical. Can be mounted on floor or wall as well.
eject)	Pass-Reject	Pass-Reject	Type	Pass Reject
or more	40-50	66-88	Freq. Range (MHz)	132-174
	600 kHz min.	600 kHz	Maximum Input (Watts)	350
	350	350	Min. Separation (MHz)	500 kHz or more
	2.0	1.5	Insertion Loss (Tx/Ant-dB)	1.5
	2.0	1.5	Insertion Loss (Rx/Ant-dB)	1.5
	60	76	Isolation Tx Side	85
	60	76	Isolation Rx (Notch-dB)	85
e	N Female	N Female	Connectors	N Female
	4 (5")	4 (5")	No. of Cavities/Size	6 (4" square)
0	1/4 wave	1/4 wave	Electrical Length	1/4 wave
	-30 to +60	-30 to +60	temp. Range deg-C	-40 to +60
	1.5	1.5	Maximum VSWR @ 50 Ohms	1.5:1
une	Factory Tune	Factory Tune	Tuning Method	TESSCO/Field Tune
x 18		47x19x11	Size (HxWxD")	8.37 x 19 x 30.3
	Grey	Grey	Finish	Grey
	1 Year	1 Year	Warranty	1 Year
*Specify Frequency	**63979** *Specify Frequency	**12372** *Specify Frequency	**TESSCO Part No.**	**11461** *Specify Frequency
$4,398.48	$2,138.00 $1,689.02	$1,357.00 $1,072.03	List Price: T-1 Price:	$1,780.00 $1,459.60
$4,023.00	78 lb. $1,603.50	50 lb. $1,017.75	Ship lb.: T-2 Price:	38 lb. $1,335.00
$3,969.36	35.45 kg. $1,582.12	22.72 kg. $1,004.18	Ship kg.: T-3 Price:	17.27 kg. $1,317.20

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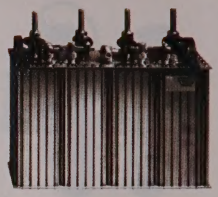
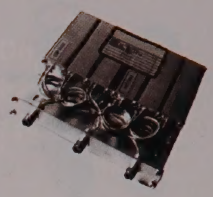
Duplexers, VHF [440-31]

Manufacturer Table	Sinclair Q-201GR	Sinclair Q-2220E	Sinclair MR-256*1	RFS Celwave Series
				
Product Narrative	Q-Circuit base station duplexer. The design provides a quasi-band-pass response. Mounts on 19" rack with cavities positioned vertically.	Q-Circuit duplexer. The "Res-Loc" design allows mounting on 19" rack with cavities horizontal or vertical. Can be mounted on floor or wall as well.	Mobile duplexer. Has lightweight aluminum extrusion and tempera-ture compensated resonators.	Dual notch duplexer with pass/reject trace. High isol Includes brackets for mou horizontal or vertical surfa *Specify Frequency
Type	Pass Reject	Pass Notch	Notch (Reject)	Pass Reject
Freq. Range (MHz)	132-174	132-174	136-148	136-174
Maximum Input (Watts)	350	350	50	350
Min. Separation (MHz)	300 kHz or more	500 kHz or more	4.5 - 5 MHz (Larger separations available by special order)	0.5
Insertion Loss (Tx/Ant-dB)	2.2	1.5	1.5	1.0
Insertion Loss (Rx/Ant-dB)	2.2	1.5	1.5	1.0
Isolation Tx Side	95	70	80	100
Isolation Rx (Notch-dB)	95	70	80	100
Connectors	N Female	N Female	BNC Female	N Female
No. of Cavities/Size	6 (7")	4 (4" square)	6	6 (6")
Electrical Length	1/4 wave	1/4 wave	Helical	1/4 wave
temp. Range deg-C	-40 to +60	-40 to +60	-30 to +60	-30 to +60
Maximum VSWR @ 50 Ohms	1.5:1	1.5:1	1.5:1	1.3:1
Tuning Method	Factory Tuned	TESSCO/Field Tune	TESSCO/Field Tune	TESSCO/Field Tune
Size (HxWxD")	61.2 x 19 x 14.9	4.17 x 19 x 30.3	1.31 x 6.25 x 7	13" x 13" x 35"
Finish	Grey	Grey	Grey	Black
Warranty	2 Years	2 Years	2 Years	1 Year
TESSCO Part No.	**42957** *Specify Frequency	**63068** *Specify Frequency	**76879** *Specify Frequency	**87718** 136-150 M
List Price: T-1 Price:	$2,224.00 $1,823.68	$1,240.00 $1,016.80	$464.00 $380.48	$3,980.00 $3,0
Ship lb.: T-2 Price:	95 lb. $1,668.00	30 lb. $930.00	2.87 lb. $348.00	62 lb. $2,9
Ship kg.: T-3 Price:	43.18 kg. $1,645.76	13.64 kg. $917.60	1.30 kg. $343.36	28.18 kg. $2,9

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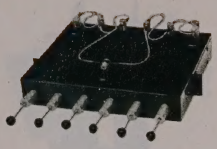
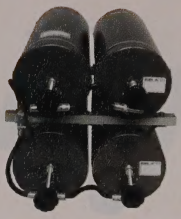
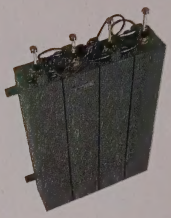
Filters, Combiners, Duplexers, Ferrites

l Products 2WOC-A	RFS Celwave 5042-1	Decibel Products DB4060WOC-B	Decibel Products DB4062WOC-B	EMR Corp. 64544/SNC
				
ect duplexer. Extremely equency spacing.	Pass-reject duplexer. Handles low separations. Push-pull tuning rods. 19" rack mount occupies 5" of vertical space. RG142 intercabling.	Pass-reject duplexer. Can handle close frequency spacings.	Pass/reject duplexer. Handles extremely close frequency separations.	Notch Pass Duplexer Can optimize spacing, loss, power & isolation.
ect	Pass Reject	Pass Reject	Pass Reject	Pass Notch
or more 00 kHz 00 kHz e	138-174 100 .5 MHz or greater 1.8 1.8 60 60 N Female	143-156 200 .5 MHz or greater 1.5 @.5 MHz 1.5 @.5 MHz 80 80 N Female	143-156 200 300 kHz or more 2.2 @.3 MHz 2.2 @.3 MHz 100 100 N Female	144-190 150 1-15 MHz 1.2 @1MHz, .8 @15MHz 1.2 @1MHz, .8 @15MHz 80 typical 80 typical N Female
60 Tuned	6 -30 to +60 1.5 to 1 TESSCO/Field Tune	4 (8") 1/4 wave -30 to +60 1.5 to 1 TESSCO/Field Tune	6 (8") 1/4 wave -30 to +60 1.5 to 1 TESSCO/Field Tune	4 (4") 1/4 wave -30 to +60 1.2:1 Tessco Tune
9 x 19.25 k	4.625 x 19 x 22.75 Black 1 Year	34.5 x 20.125 x 19.25 Tek Black 1 Year	34.5 x 29 x 19.25 Tek Black 1 Year	34.5 x 20.125 x 19.25 Tek Black 1 Year
*Specify Frequency 0 $2,659.06 $2,613.75 $2,596.33	**77430** *Specify Frequency $2,600.00 $1,976.00 22 lb. $1,950.00 10.00 kg. $1,937.00	**38859** *Specify Frequency $2,385.00 $1,819.76 50 lb. $1,788.75 22.72 kg. $1,776.83	**51921** *Specify Frequency $3,485.00 $2,659.06 160 lb. $2,613.75 72.72 kg. $2,596.33	**10652** *Specify Frequency $1,095.00 $845.34 35 lb. $835.49 15.91 kg. $821.25

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Duplexers, VHF [440-31]

Manufacturer Table	RFS Celwave 636-6A-1-3	Telewave, Inc. TPRD1554	Telewave, Inc. TPCD1554	Telewave, Inc. TPCD1556
Product Narrative	Compact band-reject (notch) duplexer. Housed in aluminum extrusion with solid shield copper jacket Teflon intercabling.	Pass/reject duplexer. Adjustable coupling. Mounts to 19" rack with cavities positioned vertically.	Bandpass duplexer. Pass characteristic is useful for protection from nearby transmitters and sideband noise. Mounts vertically on 19" rack.	Bandpass duplexer. Pass ch istic provides protection fr nearby transmitters and sid noise. Mounts vertically on rack.
Type	Notch (Reject)	Pass Reject	Bandpass	Bandpass
Freq. Range (MHz)	144-154	148-174	148-174	148-174
Maximum Input (Watts)	50	350	350	350
Min. Separation (MHz)	4.5	600 kHz or more	4 or more	2 or more
Insertion Loss (Tx/Ant-dB)	1.2	1.5	1.0	1.5
Insertion Loss (Rx/Ant-dB)	1.2	1.5	1.0	1.5
Isolation Tx Side	80	77	61	70
Isolation Rx (Notch-dB)	80	77	57	68
Connectors	BNC Female	N Female	N Female	N Female
No. of Cavities/Size	6	4 (5")	4 (5")	6 (5")
Electrical Length	Compact Helical	1/4 wave	1/4 wave	1/4 wave
temp. Range deg-C	-30 to +60	-30 to +70	-30 to +70	-30 to +70
Maximum VSWR @ 50 Ohms	1.5 to 1	1.5 to 1	1.5 to 1	1.5 to 1
Tuning Method	TESSCO/Field Tune	TESSCO/Field Tune	TESSCO/Field Tune	TESSCO/Field Tune
Size (HxWxD")	1.25 x 6.25 x 8.5	11 x 19 x 28	11 x 19 x 29	11 x 19 x 29
Finish	Black	Grey	Grey	Grey
Warranty	1 Year	1 Year	5 Years	1 Year
TESSCO Part No.	**49474** *Specify Frequency	**25387** *Specify Frequency	**59508** *Specify Frequency	**97901** *Specify Fre
List Price: T-1 Price:	$462.00 $351.12	$1,020.00 $826.20	$1,020.00 $826.20	$1,542.00 $1,24
Ship lb.: T-2 Price:	8 lb. $346.50	30.55 lb. $790.50	21 lb. $790.50	31 lb. $1,19
Ship kg.: T-3 Price:	3.64 kg. $344.19	13.88 kg. $765.00	9.54 kg. $765.00	14.09 kg. $1,15

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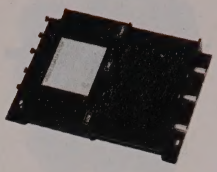
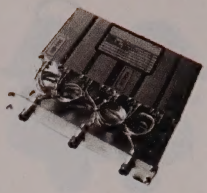
Filters, Combiners, Duplexers, Ferrites

Products	Sinclair MR-2332	Telewave, Inc. TMND-1516	Sinclair MR-256*2	Telewave, Inc. TPRD1454 @5 MHz
				
ect duplexer. 19" rack RG142 intercabling. d version of the W-A.(Better insertion loss er Tx/Rx spacing)	Extremely compact mobile duplexer. Use when there are space limitations. Adds a minimal amount of loss over larger mobiles.	Compact mobile duplexer with band-reject (notch) cavities. Designed for use in the most extreme mobile environments.	Mobile duplexer. Has lightweight aluminum extrusion and tempera-ture compensated resonators.	Base station duplexer. Adjustable coupling. Mounts to 19" rack with cavities positioned vertically.
ect	Notch (Reject)	Notch (Reject)	Notch (Reject)	Pass Reject
nore ep @2mhz e	148-174 50 4.5- 10 Mhz 1.8 1.8 70 70 BNC Female	148-157 50 5 1.2 1.2 75 75 BNC Female	148-160 50 4.5-5 MHz 1.5 1.5 80 80 BNC Female	118-148 350 1-10 MHz 1.5 1.5 77 77 N Female
0 Tuned	6 Helical -30 to +60 1.5:1 TESSCO/Field Tune	6 Compact Helical -20 to +60 1.5:1 TESSCO/Field Tune	6 Helical -30 to +60 1.5:1 TESSCO/Field Tune	4 (5") 1/4 wave -30 to +70 1.5 to 1 TESSCO/Field Tune
x 5.25"	1.31 x 6.25 x 4.06 Grey 2 Years	1.26 x 6.06 x 8.46 Black 1 Year	1.31 x 6.25 x 7 Grey 2 Years	11 x 19 x 28 Grey 1 Year
*Specify Frequency $2,498.83 $2,456.25 $2,439.88	**12058** *Specify Frequency $640.00 $524.80 4 lb. $480.00 1.82 kg. $473.60	**35680** *Specify Frequency $362.00 $293.22 3 lb. $280.55 1.36 kg. $271.50	**41128** *Specify Frequency $464.00 $380.48 4 lb. $348.00 1.82 kg. $343.36	**16022** *Specify Frequency $1,020.00 $826.20 21 lb. $790.50 9.54 kg. $765.00

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Duplexers, VHF [440-31]

Manufacturer Table	Telewave, Inc. TPRD1454 @0.6 MHz	Telewave, Inc. TPRD1556	RFS Celwave 5085-3	RFS Celwave 5085-4
Product Narrative	Pass/reject duplexer. Adjustable coupling. Mounts to 19" rack with cavities positioned vertically.	Pass/reject duplexer. Adjustable coupling. Mounts to 19" rack with cavities positioned vertically.	Compact band-reject (notch) duplexer. All brass construction with solid shield copper jacket intercabling.	Compact band-reject (notch) duplexer. Great for base stat use. All brass construction wi solid shield copper jacketed i cabling.
Type	Pass Reject	Pass Reject	Notch (Reject)	Notch (Reject)
Freq. Range (MHz)	118-148	148-174	150-162	150-162
Maximum Input (Watts)	350	350	100	100
Min. Separation (MHz)	600 KHz-1.4 MHz	400 kHz or more	3	3
Insertion Loss (Tx/Ant-dB)	1.5	2.0	1.4	1.4
Insertion Loss (Rx/Ant-dB)	1.5	2.0	1.4	1.4
Isolation Tx Side	77		75	75
Isolation Rx (Notch-dB)	77	100	75	75
Connectors	N Female	N Female	N Female	N Female
No. of Cavities/Size	4 (5")	6 (5")	6	6
Electrical Length	1/4 wave	1/4 wave	Compact Helical	Compact Helical
temp. Range deg-C	-30 to +70	-30 to +70	-30 to +60	-30 to +60
Maximum VSWR @ 50 Ohms	1.5 to 1	1.5 to 1	1.3 to 1	1.3 to 1
Tuning Method	TESSCO/Field Tune	TESSCO/Field Tune	TESSCO/Field Tune	TESSCO/Field Tune
Size (HxWxD")	11 x 19 x 28	15 x 19 x 28	1.75 x 8.5 x 11	1.75 x 8.5 x 11
Finish	Grey	Grey	Black	Black
Warranty	1 Year	1 Year	1 Year	1 Year
TESSCO Part No.	**56811** *Specify Frequency	**22741** *Specify Frequency	**75330** *Specify Frequency	**98515** *Specify Freq
List Price: T-1 Price:	$1,020.00 $826.20	$1,651.00 $1,337.31	$1,080.00 $820.80	$1,133.00 $861.0
Ship lb.: T-2 Price:	36 lb. $790.50	39.3 lb. $1,279.53	8 lb. $810.00	8 lb. $849.7
Ship kg.: T-3 Price:	16.36 kg. $765.00	17.86 kg. $1,238.25	3.64 kg. $804.60	3.64 kg. $844.0

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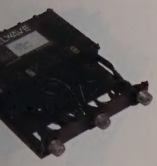
Filters, Combiners, Duplexers, Ferrites

vave 5-3	Decibel Products DB4062WOC-C	Decibel Products DB4060WC-C	Decibel Products DB4062-WC	Decibel Products DB4060WOC-C
				
band-reject (notch) Housed in aluminum with solid shield copper flon intercabling.	Pass/reject duplexer. Extremely close frequency spacing.	Pass/reject duplexer. Very close frequency spacing with cabinet.	Pass/reject duplexer. Fully enclosed in rugged metal cabinet. Handles extremely close frequency spacing.	Pass/reject duplexer. Close frequency spacing.
eject)	Pass Reject	Pass Reject	Pass Reject	Pass Reject
	154-174 200 300 kHz or more 2.2 2.2 100 100 N Female	154-174 200 500 KHz 1.5 dB 1.5 dB 80 80 N Female	154-174 200 300 kHz or more 2.2 2.2 100 100 N Female	154-174 200 0.5 1.5 1.5 80 80 N Female
ale				
Helical) ield tune up to 5 MHz > than 5 MHz but no 12 MHz seperation in y Tuned ...	6 (8") 1/4 wave -30 to +60 1.5 to 1 Factory Tuned	4 (8") 1/4 wave -30 to +60 1.5:1 Factory Tuned	6 (8") 1/4 wave -30 to +60 1.5 to 1 TESSCO/Field Tune	4 (8") 1/4 wave -30 to +60 1.5 to 1 TESSCO/Field Tune
5 x 8.5	34.5 x 29 x 19.25 Tek Black 1 Year	34.5 x 20.125 x 19.25 Tek Black 1 Year	34.5 x 29 x 19.25 Tek Black 1 Year	34.5 x 20.125 x 19.25 Tek Black 1 Year
*Specify Frequency $372.40 $367.50 $365.05	**11182** *Specify Frequency $3,485.00 $2,659.06 160 lb. $2,613.75 72.72 kg. $2,596.33	**12431** *Specify Frequency $2,985.00 $2,277.56 170 lb. $2,238.75 77.26 kg. $2,223.83	**49575** *Specify Frequency $3,985.00 $3,040.56 200 lb. $2,988.75 90.90 kg. $2,968.83	**83002** *Specify Frequency $2,385.00 $1,819.76 50 lb. $1,788.75 22.72 kg. $1,776.83

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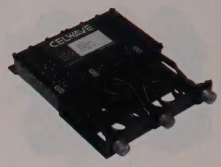
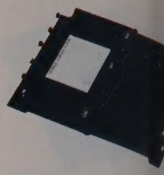
Duplexers, VHF [440-31]

Manufacturer Table	RFS Celwave 636A-2-1	RFS Celwave 636-6A-2-3	RFS Celwave 636-6A-2-1	Telewave, Inc. TMND-1616
				
Product Narrative	Compact band-reject (notch) duplexer. Housed in aluminum extrusion with solid shield copper jacket intercabling.	Compact band-reject (notch) duplexer. Housed in aluminum extrusion with solid shield copper jacket Teflon intercabling.	Compact band-reject (notch) duplexer. Housed in aluminum extrusion with solid shield copper jacket Teflon intercabling.	Compact mobile duplexer w band-reject (notch) cavities Designed for use in the mo extreme mobile environme
Type	Notch (Reject)	Notch (Reject)	Notch (Reject)	Notch (Reject)
Freq. Range (MHz)	155-162	154-164	154-164	156-165
Maximum Input (Watts)	50	50	50	50
Min. Separation (MHz)	4.5	4.5	4.5	5
Insertion Loss (Tx/Ant-dB)	0.8	1.2	1.2	1.2
Insertion Loss (Rx/Ant-dB)	0.8	1.2	1.2	1.2
Isolation Tx Side	60	80	80	75
Isolation Rx (Notch-dB)	60	80	80	75
Connectors	UHF Female	BNC Female	UHF Female	BNC Female
No. of Cavities/Size	4	6	6	6
Electrical Length	Compact Helical	Compact Helical	Compact Helical	Compact Helical
temp. Range deg-C	-30 to +60	-30 to +60	-30 to +60	-20 to +60
Maximum VSWR @ 50 Ohms	1.5 to 1	1.5 to 1	1.5 to 1	1.5:1
Tuning Method	TESSCO/Field Tune	TESSCO/Field Tune	TESSCO/Field Tune	TESSCO/Field Tune
Size (HxWxD")	1.25 x 4.12 x 8.5	1.25 x 6.25 x 8.5	1.25 x 6.25 x 8.5	1.26 x 6.06 x 8.46
Finish	Black	Black	Black	Black
Warranty	1 Year	1 Year	1 Year	1 Year
TESSCO Part No.	**24354** *Specify Frequency	**28876** *Specify Frequency	**35070** *Specify Frequency	**22466** *Specify Fre
List Price: T-1 Price:	$340.00 $258.40	$462.00 $351.12	$462.00 $351.12	$362.00 $293.
Ship lb.: T-2 Price:	8 lb. $255.00	8 lb. $346.50	8 lb. $346.50	3 lb. $280.
Ship kg.: T-3 Price:	3.64 kg. $253.30	3.64 kg. $344.19	3.64 kg. $344.19	1.36 kg. $271.

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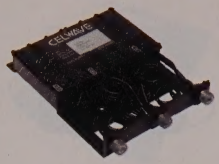
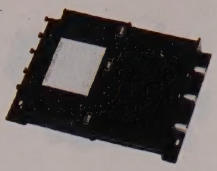
3	RFS Celwave 636-6A-3-3	RFS Celwave 636-6A-3-1	Telewave, Inc. TMND-1716
			
uplexer. Has lightweight n extrusion and tempera-pensated resonators.	Compact band-reject (notch) duplexer. Housed in aluminum extrusion with solid shield copper jacket Teflon intercabling.	Compact band-reject (notch) duplexer. Housed in aluminum extrusion with solid shield copper jacket Teflon intercabling.	Compact mobile duplexer with band-reject (notch) cavities. Designed for use in the most extreme mobile environments.
eject)	Notch (Reject)	Notch (Reject)	Notch (Reject)
Hz (Larger separations by special order)	164-174	164-174	164-174
	50	50	50
	4.5	4.5	5
	1.2	1.2	1.2
	1.2	1.2	1.2
	80	80	
	80	80	75
ale	BNC Female	UHF Female	BNC Female
	6	6	6
0	Compact Helical	Compact Helical	Compact Helical
	-30 to +60	-30 to +60	-20 to +60
	1.5 to 1	1.5 to 1	1.5:1
Field Tune	TESSCO/Field Tune	TESSCO/Field Tune	TESSCO/Field Tune
5 x 7	1.25 x 6.25 x 8.5	1.25 x 6.25 x 8.5	1.26 x 6.06 x 8.46
	Black	Black	Black
	1 Year	1 Year	1 Year
*Specify Frequency	**38364** *Specify Frequency	**96762** *Specify Frequency	**60859** *Specify Frequency
$380.48	$462.00 $351.12	$462.00 $351.12	$362.00 $293.22
$348.00	8 lb. $346.50	8 lb. $346.50	3 lb. $280.55
$343.36	3.64 kg. $344.19	3.64 kg. $344.19	1.36 kg. $271.50

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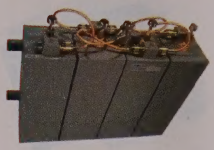
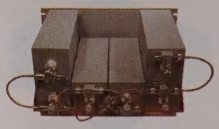
Duplexers, UHF [440-32]

Manufacturer Table	EMR Corp. 65544/SNC	EMR Corp. 65546/SNC	RFS Celwave 696-2	Sinclair Q-3330E
				
Product Narrative	Notch Pass Duplexer Can optimize spacing, loss, power & isolation.	Notch Pass Duplexer Can optimize spacing, loss, power & isolation.	Pass-reject (dual notch) duplexer. 19" rack mount. RG214/U intercabling.	Q-Circuit duplexer. The "Res design allows mounting in 19" with cavities horizontal or ve Can be mounted on floor or also.
Type	Pass Notch	Pass Notch	Pass-Reject	Pass-Reject
Freq. Range (MHz)	440-512	440-512	406-440	450-470
Maximum Input (Watts)	150	150	150	350
Min. Separation (MHz)	3-30 MHz	2-30 MHz	2.5 MHz	5 MHz
Insertion Loss (Tx/Ant-dB)	1.2 @3MHz, .8 @30MHz	1.8 @2MHz,1.2 @30MHz	1.2	1.2
Insertion Loss (Rx/Ant-dB)	1.2 @3MHz, .8 @30MHz	1.8 @2MHz,1.2 @30MHz	1.2	1.2
Isolation Tx Side	90 typical	95 typical	80	85
Isolation Rx (Notch-dB)	90 typical	95 typical	80	85
Connectors	N Female	N Female	N Female	N Female
No. of Cavities/Size	4 (4")	6 (4")	4 (4")	6 (4" square)
Electrical Length	1/4 wave	1/4 wave	1/4 wave	1/4 wave
temp. Range deg-C	-30 to +60	-30 to +60	-30 to +60	-40 to +60
Maximum VSWR @ 50 Ohms	1.2:1	1.2:1	1.5:1	1.5:1
Tuning Method	Factory Tune	Factory Tune	Tessco/Field Tunable	Tessco/Field Tunable
Size (HxWxD")	34.5 x 20.125 x 19.25	34.5 x 20.125 x 19.25	5.25 x 19 x 12	8.37 x 19 x 16.3
Finish	Tek Black	Tek Black	Black	Grey
Warranty	1 Year	1 Year	1 Year	2 Years
TESSCO Part No.	**458396** NEW *Specify Frequency	**57263** *Specify Frequency	**15306** *Specify Frequency	**24675** *Specify Freq
List Price: T-1 Price:	$1,060.00 $818.32	$1,615.00 $1,246.78	$1,485.00 $1,128.60	$1,256.00 $1,029.
Ship lb.: T-2 Price:	33 lb. $808.78	33 lb. $1,232.25	23 lb. $1,113.75	28 lb. $942.0
Ship kg.: T-3 Price:	15.00 kg. $795.00	15.00 kg. $1,211.25	10.45 kg. $1,106.33	12.73 kg. $929.4

Amplifiers and Filters

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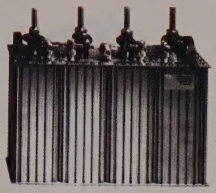
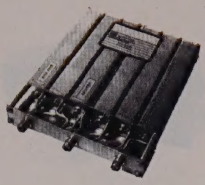
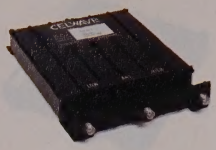
Filters, Combiners, Duplexers, Ferrites

GR	Sinclair Q-3220E	Sinclair MR-3332	RFS Celwave 633-6A-1	RFS Celwave 526-4-2
				
it base station duplexer. in 19" rack with cavities ed vertically. Cabinet not	Q-Circuit duplexer. The "Res-Loc" design allows mounting on 19" rack with cavities horizontal or vertical. Can be mounted on floor or wall as well.	Extremely compact mobile duplexer. Aluminum extrusion. Use when there are space limits. Adds minimal loss over larger mobiles.	Mobile duplexer with band-reject (notch) cavities. Extruded aluminum housing with solid shield copper jacketed intercabling.	Pass-reject (dual notch) duplexer. Cavities enclosed in metal case. RG214/U intercabling. 19" rack mount.
ect	Pass-Reject	Notch (Reject)	Notch (Reject)	Pass-Reject
or more	450-470 350 5 MHz 0.8 0.8 75 75 N Female	450-470 50 5 MHz 1.5 1.5 65 65 BNC Female	406-450 50 5 MHz 1.4 dB 1.4 dB 75 75 BNC Female	440-470 250 3 MHz Min. 1.0 dB 1.0 dB 100 100 N Female
0 une	4 (4" square) 1/4 wave -40 to +60 1.5:1 Tessco/Field Tunable	6 Helical -30 to +60 1.5:1 Tessco/Field Tunable	6 Compact Helical -30 to +60 1.3:1 Tessco/Field Tunable	6 1/4 wave -30 to +60 1.3:1 TESSCO Tune
15	4.17 x 19 x 16.3 Grey 2 Years	1.31 x 6.25 x 4.75 Grey 2 Years	1.25 x 6.187 x 9.5 Black 1 Year	5.25 x 19 x 14 Black 1 Year
*Specify Frequency $1,741.68 $1,593.00 $1,571.76	**76282** *Specify Frequency $960.00 $787.20 21 lb. $720.00 9.54 kg. $710.40	**37237** *Specify Frequency $492.00 $403.44 1.58 lb. $369.00 0.72 kg. $364.08	**92617** *Specify Frequency $429.00 $326.04 3.5 lb. $321.75 1.59 kg. $319.61	**47653** *Specify Frequency $1,590.00 $1,208.40 23 lb. $1,192.50 10.45 kg. $1,184.55

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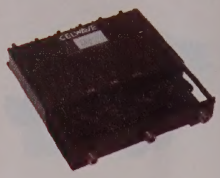
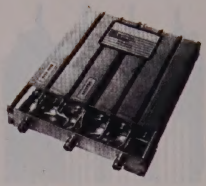
Duplexers, UHF [440-32]

Manufacturer Table	RFS Celwave 638-6-4-3	RFS Celwave 696-1-2	Sinclair MR-356*2	Decibel Products DB4077-A
				
Product Narrative	Compact base duplexer with band-reject (notch) cavities. All brass construction. Solid shield copper jacket intercabling.	Pass-reject (dual notch) duplexer. 19" rack mount. RG214/U intercabling.	Mobile duplexer. Aluminum extrusion and temperature compensated resonators.	Pass-reject duplexer. 19" rac mount. RG142 intercabling. copper construction.
Type	Notch (Reject)	Pass-Reject	Notch (Reject)	Pass-Reject
Freq. Range (MHz)	435-470	440-470	440-480	450-470
Maximum Input (Watts)	100	250	50	250
Min. Separation (MHz)	5 MHz	4 MHz	5 MHz	5 or more
Insertion Loss (Tx/Ant-dB)	1.2	0.8 @ 5 MHz Sep.	1.4	1.1
Insertion Loss (Rx/Ant-dB)	1.2	0.8 @ 5 MHz Sep.	1.4	1.1
Isolation Tx Side	75	85 @ 5 MHz Sep.	75	100
Isolation Rx (Notch-dB)	75	85 @ 5 MHz Sep.	75	100
Connectors	N Female	N Female	BNC Female	N Female
No. of Cavities/Size	6	4 (4")	6	4 (4") sq. cans
Electrical Length	Compact Helical	1/4 wave	Helical	1/4 wave
temp. Range deg-C	-30 to +60	-30 to +60	-30 to +60	-30 to +60
Maximum VSWR @ 50 Ohms	1.3 to 1	1.3:1	1.5:1	1.25:1
Tuning Method	Tessco/Field Tunable	Tessco/Field Tunable	Tessco/Field Tunable	Tessco/Field Tunable
Size (HxWxD")	1.75 x 9.062 x 10.25	5.25 x 19 x 12	1.31 x 6.25 x 4.75	5.25 x 19 x 14
Finish	Black	Black	Grey	Tek Black
Warranty	1 Year	1 Year	2 Years	1 Year
TESSCO Part No.	**59944** *Specify Frequency	**14057** *Specify Frequency	**88844** *Specify Frequency	**53692** *Specify Free
List Price: T-1 Price:	$1,012.00 $769.12	$1,350.00 $1,026.00	$384.00 $314.88	$2,625.00 $2,007
Ship lb.: T-2 Price:	6 lb. $759.00	23 lb. $1,012.50	5 lb. $288.00	19 lb. $1,968
Ship kg.: T-3 Price:	2.73 kg. $753.94	10.45 kg. $1,005.75	2.27 kg. $284.16	8.64 kg. $1,955

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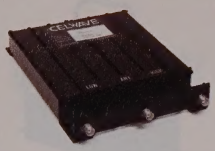
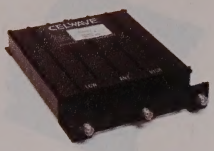
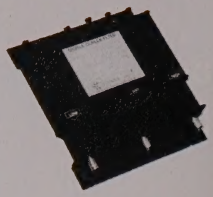
Filters, Combiners, Duplexers, Ferrites

l Products 7-B	Telewave, Inc. TPRD4544	RFS Celwave 633-6A-2	RFS Celwave 633-6A-2N	Telewave, Inc. TMND-4516
				
ect duplexer. 19" rack RG142 intercabling. All construction.	Pass/reject duplexer. RG214 intercabling. 19" rack mount.	Mobile duplexer with band-reject (notch) cavities. Extruded aluminum housing and solid shield copper jacket intercabling.	Mobile duplexer with band-reject (notch) cavities. Extruded aluminum housing, solid copper jacket & cabling. Same as TDE7780A.	Mobile duplexer with band-reject (notch) cavities. Designed for use in the most extreme mobile environments.
ect	Pass-Reject	Notch (Reject)	Notch (Reject)	Notch (Reject)
re	450-470 250 5 or more 1.2 1.2	450-470 50 5 1.4 1.4	450-470 50 5 MHz 1.4 1.4	450-460 50 5 MHz 1.5 1.5
e	100 N Female	75 75 BNC Female	75 75 N Female	75 75 BNC Female
. cans e 60	4 (4") 1/4 wave -30 to +70 1.2 to 1	6 Compact Helical -30 to +60 1.3:1	6 Compact Helical -30 to +60 1.3:1	6 Compact Helical -20 to +60 1.5:1
ield Tunable	Tessco/Field Tunable	Tessco/Field Tunable	Tessco/Field Tunable	Tessco/Field Tunable
9 x 14 k	5.25 x 19 x 10.5 Grey 1 Year	1.25 x 6.187 x 9.5 Black 1 Year	1.25 x 6.187 x 9.5 Black 1 Year	1.26 x 6.06 x 6.89 Black 1 Year
*Specify Frequency 0 $2,002.88 $1,968.75 $1,955.63	**85411** *Specify Frequency $1,075.00 $870.75 14 lb. $833.13 6.36 kg. $806.25	**67438** *Specify Frequency $390.00 $296.40 3 lb. $292.50 1.36 kg. $290.55	**76905** *Specify Frequency $390.00 $296.40 3.5 lb. $292.50 1.59 kg. $290.55	**99252** *Specify Frequency $347.00 $281.07 3 lb. $268.93 1.36 kg. $260.25

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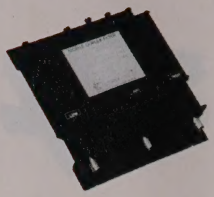
Manufacturer Table	Telewave, Inc. TMND-4516	RFS Celwave 526-5-1	Manufacturer Table	EMR Corp. 66546/SNC
Duplexers, UHF [440-32]			**Duplexers, 800-1000 MHz [440-33]**	
Product Narrative	Mobile duplexer with band-reject (notch) cavities. Designed for use in the most extreme mobile environments.	Pass/reject (dual notch) duplexer. RG214/U intercabling. Fully enclosed in metal case. 19" rack mount. *Specify Frequency	Product Narrative	Notch Pass Duplexer Can o mize spacing, loss, power & tion.
Type	Notch (Reject)	Pass-Reject	Type	Pass Notch
Freq. Range (MHz)	460-470	406-512	Freq. Range (MHz)	806-896
Maximum Input (Watts)	50	250	Maximum Input (Watts)	150
Min. Separation (MHz)	5 MHz	3 MHz Min.	Min. Separation (MHz)	45 MHz
Insertion Loss (Tx/Ant-dB)	1.5	1.0 dB	Insertion Loss (Tx/Ant-dB)	0.9 dB
Insertion Loss (Rx/Ant-dB)	1.5	1.0 dB	Insertion Loss (Rx/Ant-dB)	0.9 dB
Isolation Tx Side	75	100	Isolation Tx Side	100 typical
Isolation Rx (Notch-dB)	75	100	Isolation Rx (Notch-dB)	100 typical
Connectors	BNC Female	N Female	Connectors	N Female
No. of Cavities/Size	6	6	No. of Cavities/Size	6 (4")
Electrical Length	Compact Helical	1/4 wave	Electrical Length	1/4 wave
temp. Range deg-C	-20 to +60	-30 to +60	temp. Range deg-C	-30 to +60
Maximum VSWR @ 50 Ohms	1.5:1	1.3:1	Maximum VSWR @ 50 Ohms	1.2:1
Tuning Method	Tessco/Field Tunable	Tessco/Field Tunable	Tuning Method	Factory Tune
Size (HxWxD")	1.26 x 6.06 x 6.89	5.25 x 19 x 14	Size (HxWxD")	34.5 x 20.125 x 19.25
Finish	Black	Black	Finish	Tek Black
Warranty	1 Year	1 Year	Warranty	1 Year
TESSCO Part No.	**47645** *Specify Frequency	**33190** *470-490 MHz	**TESSCO Part No.**	**44049** *Specify Fre
		493187 NEW *490-512 MHz		
List Price: T-1 Price:	$347.00 $281.07	$1,590.00 $1,208.40	List Price: T-1 Price:	$1,290.00 $995.8
Ship lb.: T-2 Price:	3 lb. $268.93	23 lb. $1,192.50	Ship lb.: T-2 Price:	150 lb. $984.7
Ship kg.: T-3 Price:	1.36 kg. $260.25	10.45 kg. $1,184.55	Ship kg.: T-3 Price:	68.18 kg. $967.5

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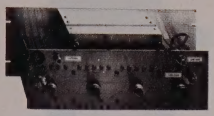
Filters, Combiners, Duplexers, Ferrites

E*1	Sinclair P-4440E*1	Telewave, Inc. TPCD-8626	Antenna Specialists ACD2702	Telewave, Inc. TPCD-8626HP
				
it duplexer. The "Res-Loc" llows mounting on 19" rack ities horizontal or vertical. mounted on floor or wall	Trunking duplexer. 15 MHz bandwidth on Tx and Rx. Four cavity Tx filter with six cavity combline Rx filter. 19" rack mount.	Combline bandpass duplexer. 15 MHz bandwidth covers standard trunking frequencies. 19" rack mount.	Bandpass duplexer for trunking systems. 19" rack mount.	Combline bandpass duplexer. 15 MHz bandwidth covers standard trunking frequencies. 19" rack mount. 500 watt capability.
ect	Bandpass	Bandpass	Bandpass	Bandpass
	806-866	806-821/851-866	806-869	806-821/851-866
	400	350	600	500
	45 MHz	45 MHz	45 MHz	45 MHz
	0.5	1.0 dB	0.7 dB	1.0 dB
	1.2	0.5 dB	0.7 dB	0.4 dB
	85	75	50	85
	50	75	50	85
e	N Female	N Female	N Female	7/16 DIN Female
are)	4 Tx/6 Rx	12	N/A	12
	Helical		N/A	
60	-30 to +60	-30 to +70	-30 to +60	-30 to +70
/Field Tune	1.5:1	1.5:1	1.5:1	1.5:1
	Pretuned	Pretuned	Pretuned	Pretuned
x 8.25	7 x 19 x 8.25	5.25 x 19 x 4.5	3.5 x 19 x 13.5	5.25 x 19 x 4.5
	Grey	Grey	Black	Grey
	2 Years	1 Year	1 Year	1 Year
*Specify Frequency	**43554**	**46294**	**47280**	**65789**
$813.44	$1,108.00 $908.56	$1,242.00 $981.18	$1,985.00 $1,514.56	$1,688.00 $1,333.52
$744.00	16 lb. $831.00	14 lb. $931.50	27 lb. $1,488.75	14 lb. $1,266.00
$734.08	7.27 kg. $819.92	6.36 kg. $919.08	12.27 kg. $1,478.83	6.36 kg. $1,249.12

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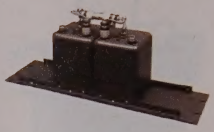
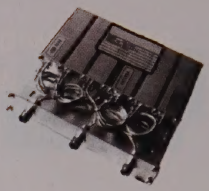
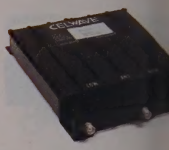
Duplexers, 800-1000 MHz [440-33]

Manufacturer Table	Telewave, Inc. TPRD8642	Decibel Products DB4090-A	Sinclair MR-456*1	RFS Celwave 5048-1
				
Product Narrative	Pass/reject duplexer.	Pass/reject duplexer. RG142 inter-cabling. 19" rack mount.	Mobile duplexer. 10 MHz band-width on transmit and receive. Good for low power trunking and conventional systems.	Compact mobile duplexer wi band-reject (notch) cavities. 5 passband.
Type	Pass-Reject	Pass-Reject	Notch (Reject)	Notch (Reject)
Freq. Range (MHz)	806-896	806-960	806-890	806-896
Maximum Input (Watts)	350	150	50	50
Min. Separation (MHz)	45 MHz	45 MHz	45 MHz	45 MHz
Insertion Loss (Tx/Ant-dB)	0.8	0.7	1.5	1.0
Insertion Loss (Rx/Ant-dB)	0.8	0.7	1.5	1.0
Isolation Tx Side	64	65	60	50
Isolation Rx (Notch-dB)	64	65	60	50
Connectors	N Female	N Female	BNC Female	N Female
No. of Cavities/Size	2 (4")	2	6	4
Electrical Length	1/4 wave	1/4 wave	Helical	Compact Helical
temp. Range deg-C	-30 to +60	-30 to +60	-30 to +60	-30 to +60
Maximum VSWR @ 50 Ohms	1.5	1.5:1	1.5:1	1.5
Tuning Method	TESSCO/Field Tune	TESSCO/Field Tune	Factory Tune	TESSCO/Field Tune
Size (HxWxD")		5.25 x 19 x 8.25	1.31 x 6.25 x 5.8	1.25" x 4.25" x 6.75"
Finish	Grey	Tek Black	Grey	Black
Warranty	1 Year	1 Year	2 Years	1 Year
TESSCO Part No.	**89158** *Specify Frequency	**94937** *Specify Frequency	**10809** *Specify Frequency	**89395** *Specify Freq
List Price: T-1 Price:	$582.00 $471.42	$1,050.00 $801.15	$328.00 $268.96	$440.00 $334.40
Ship lb.: T-2 Price:	12 lb. $451.05	13.05 lb. $787.50	3 lb. $246.00	5 lb. $330.00
Ship kg.: T-3 Price:	5.45 kg. $436.50	5.93 kg. $782.25	1.36 kg. $242.72	2.27 kg. $327.80

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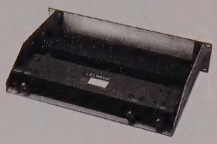
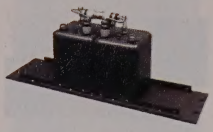
e, Inc. 44	RFS Celwave 5188-25BK	RFS Celwave 5188-14BK	Decibel Products DB4090S-A	Decibel Products ACD2905
				
ct trunking duplexer. 5 sband. 19 rack mount.	EAMPS cellular bandpass duplexer. Non-wireline, A band operation. Covers 824-849 Rx, 869-894 Tx. 19" rack mount.	EAMPS cellular bandpass duplexer. Wireline, B band operation. Covers 835-849 Rx, 880-894 Tx. 19" rack mount.	Pass-reject duplexer. RG142 inter-cabling. 19" rack mount.	Bandpass duplexer for 900 MHz trunking bands. 19" rack mount.
ct	Bandpass	Bandpass	Pass-Reject	Bandpass
v	824-894 500 45 MHz 1.0 1.0 60 60 N Female	835-894 500 45 MHz 1.0 1.0 75 75 N Female	896-960 150 24 MHz Min. 0.7 0.7 65 65 N Female	896-941 600 39 MHz 0.7 0.7 60 60 N Female
0 g Needed	N/A N/A -30 to +60 1.5:1 Pretuned	N/A N/A -30 to +60 1.5:1 Pretuned	2 1/4 wave -30 to +60 1.5:1 Factory Tune	N/A N/A -30 to +60 1.5:1 Pretuned
x 8.5	3.5 x 19 x 12 Black 1 Year	3.5 x 19 x 12 Black 1 Year	5.25 x 19 x 8.25 Tek Black 1 Year	3.5 x 19 x 13.5 Black 1 Year
816-821 / 861-866 811-816 / 856-861 $1,006.02 $962.55 $931.50	**99260** $1,000.00 $763.00 10 lb. $750.00 4.54 kg. $730.00	**60867** $1,000.00 $763.00 16 lb. $750.00 7.27 kg. $730.00	**16902** *Specify Frequency $1,050.00 $801.15 11 lb. $787.50 5.00 kg. $782.25	**97638** $1,550.00 $1,182.65 25 lb. $1,162.50 11.36 kg. $1,154.75

Amplifiers and Filters

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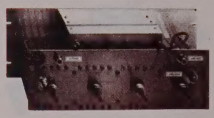
Manufacturer Table	Sinclair P4330C-4	Manufacturer Table	Sinclair CT1-150F	Telewave, Inc. M101-150-1T
Duplexers, 800-1000 MHz [440-33]		**Combiners, VHF [440-51]**		
Product Narrative	Band pass duplexers suit extremely congested areas, relieving inter-modulation from high-level mixing in receiver front ends, and reducing transmitter spurious and overall extraneous radiation.	Product Narrative	Single expansion channel for the CT*-150F combiners. Frame not included.	Expansion channel for Telewa M101-150 series combiners. Includes power sensor and ha ware to install in existing fram
		Combiner Type	Cavity-Ferrite	Cavity-Ferrite
Type	Bandpass	Freq. Range (MHz)	132-174	144-174
Freq. Range (MHz)	896-940	Maximum Power Per Channel (W)	125	150
Maximum Input (Watts)	350	No. of Channels	1	1
Min. Separation (MHz)	39 MHz	Min. Separation (MHz)	60 kHz	120 kHz
Insertion Loss (Tx/Ant-dB)	0.5	Maximum Separation	N/A	N/A
Insertion Loss (Rx/Ant-dB)	1.1	Min. Insertion Loss	2.0	2.8
Isolation Tx Side	85	Maximum Insertion Loss	5.5 @ 60 kHz	3.5 @ 120 kHz
Isolation Rx (Notch-dB)	70	Isolation Tx/Tx	70	75
Connectors	N Female	Isolation Ant/Tx	60	60
No. of Cavities/Size	4 Tx/6 Rx	2nd Harmonic Attenuation	90	90
Electrical Length	Helical	Maximum VSWR	1.5:1	1.5:1
temp. Range deg-C	-40 to +60	Tuning Method	Factory Tune	Factory/Field tune
Maximum VSWR @ 50 Ohms	1.5:1	Expandable	Yes	Yes
Tuning Method	TESSCO Tuned	Isolator Type	Dual	Dual
Size (HxWxD")	5.25 x 19 x 4.19	Cavity Size, Type	10" (1/2 wave)	10" (1/4 wave)
Finish	Grey	Connectors	N Female	N Female
Warranty	2 Years	temp. Range deg-C	-30 to +60	-30 to +60
		Size (H"xW"xD")	38 x 21 x 21	11 x 12 x 31
		Warranty	2 Years	1 Year
TESSCO Part No.	**56513** *Specify Frequency	**TESSCO Part No.**	**83323** *Specify Frequency	**34956** *Specify Frequ
List Price: T-1 Price:	$1,180.00 $967.60	List Price: T-1 Price:	$1,147.00 $940.54	$1,907.00 $1,506.5
Ship lb.: T-2 Price:	12 lb. $885.00	Ship lb.: T-2 Price:	20 lb. $860.25	80 lb. $1,430.2
Ship kg.: T-3 Price:	5.45 kg. $873.20	Ship kg.: T-3 Price:	9.09 kg. $848.78	36.36 kg. $1,411.

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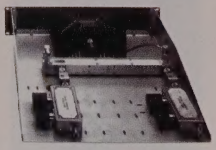
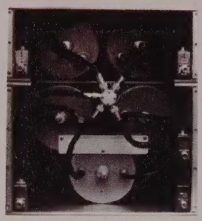
Filters, Combiners, Duplexers, Ferrites

rp. 2/HF	Sinclair CT2-150F	Sinclair TC-2212	Sinclair TJ-2212	Telewave, Inc. M-101-150-2TRM
				
t Transmit combiner for spacing. Expandable to nnels. Dual isolators.	Combiner for close channel spacing. Housed in open frame cabinet with castors for mobility. Two frames can be stacked.	Combiner for close frequency spacing. 19" rack mount.	Compact low-loss combiner. Mounts in 19" rack.	Combiner on eight position rack. Incl. wattmeter panel for forward/ reflected readings on input and output and remote Tx keying.
rite	Cavity-Ferrite	Hybrid-Ferrite	Cavity-Ferrite	Cavity-Ferrite
	132-174	132-174	138-174	144-174
	125	125	125	150
	2	2	2	2
	60 kHz	0	150 kHz	120 kHz
	N/A	3 MHz	N/A	N/A
	2.0	4.3	2.25	2.8
	4.4 @ 60 kHz	4.3	3.2 @ 150 kHz	3.5 @ 120 kHz sep.
	70	80	70	75
	60	53	60	60
	90	N/A	90	90
une	1.5:1	1.25:1	1.25:1	1.5:1
	Factory Tune	Factory Tune	Factory Tune	Factory Tune
	Yes	Yes	Yes	Yes
	Dual	Dual	Dual	Dual
	10" (1/2 wave)	None	7" (1/4 wave)	10" (1/4 wave)
	N Female	N Female	N Female	N Female
0	-30 to +60	-30 to +60	-30 to +60	-30 to +60
	38 x 21 x 21	3.5 x 19 x 14	30.5 x 19 x 20.8	48 x 24 x 31
	2 Years	1 Year	1 Year	1 Year
*Specify Frequency	**96537** *Specify Frequency	**32440** *Specify Frequency	**32965** *Specify Frequency	**43597** *Specify Frequency
$3,705.60	$3,532.00 $2,896.24	$2,680.00 $2,197.60	$2,800.00 $2,296.00	$5,148.00 $4,066.92
$3,662.40	86 lb. $2,649.00	15 lb. $2,010.00	62 lb. $2,100.00	175 lb. $3,861.00
$3,600.00	39.09 kg. $2,613.68	6.82 kg. $1,983.20	28.18 kg. $2,072.00	79.54 kg. $3,809.52

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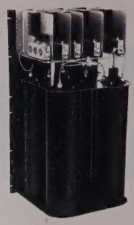
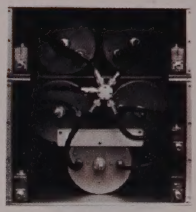
Combiners, VHF [440-51]

Manufacturer Table	Decibel Products DB4350-2204D	RFS Celwave TJD150-2T	Sinclair TJ-2213	Telewave, Inc. M-101-150-3TRM
				
Product Narrative	Combiner on four position rack with roller wheels.	Modular combiner can install on 19" rack. 60 watt load on isolator. 4 MHz bandwidth. Expand with TJD150-M kit.	Compact low-loss combiner. Mounts in 19" rack.	Combiner on eight position r Incl. wattmeter panel for forv reflected readings on input ar put and remote Tx keying.
Combiner Type	Cavity-Ferrite	Cavity-Ferrite	Cavity-Ferrite	Cavity-Ferrite
Freq. Range (MHz)	148-160	150-174	138-174	144-174
Maximum Power Per Channel (W)	150	125	125	150
No. of Channels	2	2	3	3
Min. Separation (MHz)	50 kHz	120 kHz	150 kHz	120 kHz
Maximum Separation	N/A	N/A	N/A	N/A
Min. Insertion Loss	3 dB @ >150 kHz sep.	N/A	2.4	2.8
Maximum Insertion Loss	5 dB @ 50 kHz sep.	2.8	3.3 @ 150 kHz	3.5 @ 120 kHz sep.
Isolation Tx/Tx	80	60	70	75
Isolation Ant/Tx	75	50	60	60
2nd Harmonic Attenuation	70		90	90
Maximum VSWR	1.25:1	1.25	1.25:1	1.5:1
Tuning Method	Tessco Tune	Factory Tune	Factory Tune	Factory Tune
Expandable	Yes	Yes	Yes	Yes
Isolator Type	Dual	Dual	Dual	Dual
Cavity Size, Type	11" (1/4 wave)	6" (1/4 wave)	7" (1/4 wave)	10" (1/4 wave)
Connectors	N Female	N Female	N Female	N Female
temp. Range deg-C	-30 to +60	-30 to +60	-30 to +60	-30 to +60
Size (H"xW"xD")	43.5 x 24 x 24	19 x 35 x 16	30.5 x 19 x 20.8	48 x 24 x 31
Warranty	1 Year	1 Year	1 Year	1 Year
TESSCO Part No.	**32409** *Specify Frequency	**40363** *Specify Frequency	**84572** *Specify Frequency	**81990** *Specify Freq
List Price: T-1 Price:	$5,875.00 $4,482.63	$3,750.00 $2,861.25	$4,208.00 $3,450.56	$6,832.00 $5,397.
Ship lb.: T-2 Price:	145 lb. $4,406.25	45 lb. $2,812.50	75 lb. $3,156.00	175 lb. $5,124.
Ship kg.: T-3 Price:	65.90 kg. $4,376.88	20.45 kg. $2,737.50	34.09 kg. $3,113.92	79.54 kg. $5,055.

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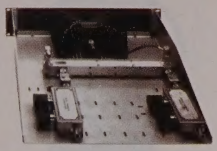
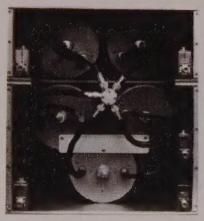
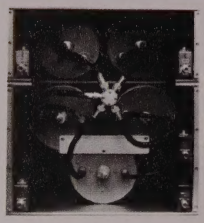
Filters, Combiners, Duplexers, Ferrites

0F	Sinclair TC-2214	Sinclair TJ-2214	Sinclair CT4-150F 5Ch	Sinclair TJ-2215
				
er for close channel spac- sed in open frame cabinet tors for mobility. Two an be stacked.	Combiner for close frequency spac-ing. 19" rack mount.	Compact low-loss combiner. Mounts in 19" rack.	Combiner for close channel spac-ing. Housed in open frame cabinet with castors for mobility. Two frames can be stacked.	Compact low-loss combiner. Mounts in 19" rack.
errite	Hybrid-Ferrite	Cavity-Ferrite	Cavity-Ferrite	Cavity-Ferrite
	132-174	138-174	132-174	138-174
	125	125	125	125
	4	4	5	5
	0	150 kHz	60 kHz	150 kHz
	3 MHz	N/A	4 Mhz	N/A
	7.6	2.5	2.5	2.6
) kHz	7.6	3.4 @ 150 kHz	5.0 @ 60 kHz	3.6 @ 150 kHz
	80	70	70	70
	56	60	60	60
	N/A	90	90	90
	1.25:1	1.25:1	1.5:1	1.25:1
Tune	Factory Tune	Factory Tune	Factory Tune	Factory Tune
	Yes	Yes	Yes	Yes
	Dual	Dual	Dual	Dual
wave)	None	7" (1/4 wave)	10" (1/2 wave)	7" (1/4 wave)
e	N Female	N Female	N Female	N Female
0	-30 to +60	-30 to +60	-30 to +60	-30 to +60
21	10.5 x 19 x 14	30.5 x 19 x 20.8	38 x 21 x 21	30.5 x 19 x 20.8
	1 Year	1 Year	2 Years	1 Year
*Specify Frequency	**70833** *Specify Frequency	**41111** *Specify Frequency	**28863** *Specify Frequency	**19751** *Specify Frequency
) $5,352.96	$6,292.00 $5,159.44	$5,556.00 $4,555.92	$8,836.00 $7,245.52	$6,912.00 $5,667.84
$4,896.00	35 lb. $4,719.00	100 lb. $4,167.00	157 lb. $6,627.00	137 lb. $5,184.00
$4,830.72	15.91 kg. $4,656.08	45.45 kg. $4,111.44	71.36 kg. $6,538.64	62.27 kg. $5,114.88

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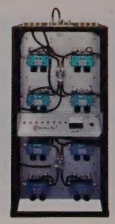
Manufacturer Table

Combiners, VHF [440-51]

	Telewave, Inc. M-101-150-5TRM	Telewave, Inc. M-101-150-6TRM	Telewave, Inc. M-101-150-8TRM
			
Product Narrative	Combiner in eight position rack. Incl wattmeter panel for forward/ reflected readings on input and output and remote Tx keying.	Combiner on eight position rack. Incl. wattmeter panel for forward/ reflected readings on input and output and remote Tx keying.	Combiner in eight channel rack. Incl. wattmeter panel for forward/ reflected readings on input and output, and remote Tx keying.
Combiner Type	Cavity-Ferrite	Cavity-Ferrite	Cavity-Ferrite
Freq. Range (MHz)	144-174	144-174	144-174
Maximum Power Per Channel (W)	150	150	150
No. of Channels	5	6	8
Min. Separation (MHz)	120 kHz	120 kHz	120 kHz
Maximum Separation	N/A	N/A	N/A
Min. Insertion Loss	2.8	2.8	2.8
Maximum Insertion Loss	3.5 @ 120 kHz sep.	3.5 @ 120 kHz sep.	3.5 @ 120 kHz sep.
Isolation Tx/Tx	75	75	75
Isolation Ant/Tx	60	60	60
2nd Harmonic Attenuation	90	90	90
Maximum VSWR	1.5:1	1.5:1	1.5:1
Tuning Method	Factory Tune	Factory Tune	Factory Tune
Expandable	Yes	Yes	No
Isolator Type	Dual	Dual	Dual
Cavity Size, Type	10" (1/4 wave)	10" (1/4 wave)	10" (1/4 wave)
Connectors	N Female	N Female	N Female
temp. Range deg-C	-30 to +60	-30 to +60	-30 to +60
Size (H"xW"xD")	48 x 24 x 31	48 x 24 x 31	48 x 24 x 31
Warranty	1 Year	1 Year	1 Year
TESSCO Part No.	**55562** *Specify Frequency	**93955** *Specify Frequency	**29134** *Specify Frequency
List Price: / T-1 Price:	$10,200.00 / $8,058.00	$11,883.00 / $9,387.57	$15,250.00 / $12,047.50
Ship lb.: / T-2 Price:	175 lb. / $7,650.00	175 lb. / $8,912.25	175 lb. / $11,437.50
Ship kg.: / T-3 Price:	79.54 kg. / $7,548.00	79.54 kg. / $8,793.42	79.54 kg. / $11,285.00

Manufacturer Table

Combiners, U [440-52]

Product Narrative
Combiner Type

Freq. Range (MHz)
Maximum Power Per Channe
No. of Channels
Min. Separation (MHz)
Maximum Separation
Min. Insertion Loss
Maximum Insertion Loss

Isolation Tx/Tx
Isolation Ant/Tx
Second Harmonic Attenuatio
Input VSWR
Tuning Method

Expandable
Isolator Type
Cavity Size, Type
Connectors
temp. Range deg-C
Size (H"xW"xD")
Warranty

TESSCO Part No.
List Price: / T-1 Pri
Ship lb.: / T-2 Pri
Ship kg.: / T-3 Pri

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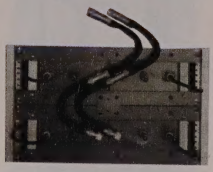
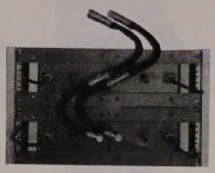
Filters, Combiners, Duplexers, Ferrites

0F	Telewave, Inc. M-101-450-1T	Decibel Products DB4365-WB-B	Decibel Products DB4365-WB-B	Telewave, Inc. M-101-450-1TRM
				
pansion channel for the 0F combiners. Frame not . errite	Expansion channel for Telewave M101-150 series combiners. Includes power sensor and hardware to install in existing frame. Cavity-Ferrite	Single expansion channel for DB4365 series combiners. Includes phasing harness. 19" rack bracket. Field tunable. Cavity-Ferrite	Single expansion channel for DB4365 series combiners. Includes phasing harness. 19" rack bracket. Field tunable. Cavity-Ferrite	Single channel on 8 position rack. Incl. wattmeter panel for forward/reflected readings on input and output and remote Tx keying. Cavity-Ferrite
00 kHz	406-512 150 1 275 kHz N/A 3 3.5 @ 275 kHz sep.	406-450 150 1 100 kHz N/A 2.8 @ >400 kHz sep. 5.5 @ 150 kHz	470-512 150 1 100 kHz N/A 2.8 @ >400 kHz sep. 5.5 @ 150 kHz	406-512 150 1 275 kHz N/A 3.0 3.5 @ 275 kHz sep.
Tune	75 60 90 1.5:1 Factory Tune	65 50 80 1.3:1 Factory Tune	65 50 80 1.3:1 Factory Tune	75 60 90 1.5:1 Factory Tune
wave) e 50 : 21	Yes Dual 10" (1/4 wave) N Female -30 to +60 48 x 24 x 24 1 Year	Yes Dual 5"x7" (1/4 wave) N Female -30 to +60 12.25 x 19 x 12 1 Year	Yes Dual 5"x7" (1/4 wave) N Female -30 to +60 12.25 x 19 x 12 1 Year	Yes Dual 10" (1/4 wave) N Female -30 to +60 48 x 24 x 24 1 Year
*Specify Frequency) $893.80 $817.50 $806.60	**58060** *Specify Frequency $1,797.00 $1,419.63 20 lb. $1,347.75 9.09 kg. $1,329.78	**60520** *Specify Frequency $1,685.00 $1,285.66 5 lb. $1,263.75 2.27 kg. $1,255.33	**42708** *Specify Frequency $1,685.00 $1,285.66 22.16 lb. $1,263.75 10.07 kg. $1,255.33	**86461** *Specify Frequency $3,364.00 $2,657.56 175 lb. $2,523.00 79.54 kg. $2,489.36

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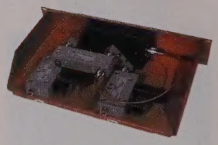
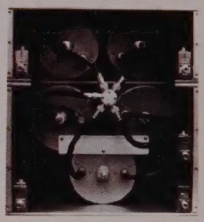
Combiners, UHF [440-52]

Manufacturer Table	EMR Corp. 25522	Sinclair CT2-450F	Sinclair TJ-3212	Telewave, Inc. M-101-450-2TRM
				
Product Narrative Combiner Type	Hybrid Ferrite transmit combiner dual isolation 2 rack units Hybrid-Ferrite	Combiner for close channel spacing. Housed in open frame cabinet with castors for mobility. Two frames can be stacked. Cavity-Ferrite	Compact low-loss combiner. Mounts in 19" rack. Cavity-Ferrite	Combiner on eight position r Incl. wattmeter panel for forv reflected readings on input ar put, and remote Tx keying. Cavity-Ferrite
Freq. Range (MHz)	300-650	406-512	406-512	406-512
Maximum Power Per Channel (W)	125	125	125	150
No. of Channels	2	2	2	2
Min. Separation (MHz)	N/A	100 kHz	200 kHz	275 kHz
Maximum Separation	N/A	N/A	N/A	N/A
Min. Insertion Loss	4.0	2.4	2.6	3.0
Maximum Insertion Loss	N/A	4.2 @ 100 kHz	3.6 @ 200 kHz	3.5 @ 275 kHz sep
Isolation Tx/Tx	100	70	70	75
Isolation Ant/Tx	70	60	60	60
Second Harmonic Attenuation	60	90	90	90
Input VSWR	1.1:1	1.5:1	1.25:1	1.5:1
Tuning Method	Factory Tune	Factory Tune	Factory Tune	Factory Tune
Expandable	Yes	Yes	Yes	Yes
Isolator Type	Dual	Dual	Dual	Dual
Cavity Size, Type	N/A	10" (1/2 wave)	7" (1/4 wave)	10" (1/4 wave)
Connectors	N Female	N Female	N Female	N Female
temp. Range deg-C	-30 to +60	-30 to +60	-30 to +60	-30 to +60
Size (H"xW"xD")	8 x 21 x 21	38 x 21 x 21	19.25 x 19 x 15.3	48 x 24 x 24
Warranty	2 Years	2 Years	1 Year	1 Year
TESSCO Part No.	**34781** *Specify Frequency	**70109** *Specify Frequency	**97786** *Specify Frequency	**34854** *Specify Frequ
List Price: T-1 Price:	$2,315.00 $1,787.18	$3,004.00 $2,463.28	$2,544.00 $2,086.08	$4,941.00 $3,903.3
Ship lb.: T-2 Price:	86 lb. $1,766.35	80 lb. $2,253.00	42 lb. $1,908.00	175 lb. $3,705.7
Ship kg.: T-3 Price:	39.09 kg. $1,736.25	36.36 kg. $2,222.96	19.09 kg. $1,882.56	79.54 kg. $3,656.3

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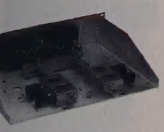
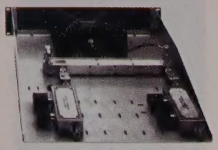
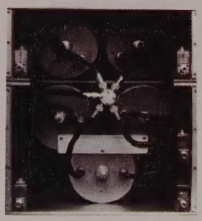
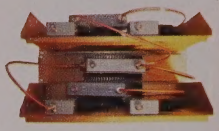
wave -2	Sinclair TC-3212	Sinclair TJ-3213	Telewave, Inc. M-101-450-3TRM	EMR Corp. 25542
				
t rack mount combiner. expanded to four channels other unit, PBH460 coupler nd CAB-1 cable set. Ferrite	Combiner for close frequency spacing. 19" rack mount. Hybrid-Ferrite	Compact low-loss combiner. Mounts in 19" rack. Cavity-Ferrite	Combiner on eight position rack. Incl. wattmeter panel for forward/ reflected readings on input and output, and remote Tx keying. Cavity-Ferrite	Hybrid Ferrite transmit combiner dual isolation 6 rack units tall. Hybrid-Ferrite
	406-512	406-512	406-512	300-650
	125	125	150	125
	2	3	3	4
	0	200 kHz	275 kHz	N/A
	9 MHz	N/A	N/A	N/A
	4.2	2.9	3.0	7.0
	4.2	4.0 @ 200 kHz	3.5 @ 275 kHz sep.	N/A
	80	70	75	100
	53	60	60	70
	N/A	90	90	60
	1.25:1	1.25:1	1.5:1	1.2:1
Tune	Factory Tune	Factory Tune	Factory Tune	Factory Tune
oupling Panel	Yes	Yes	Yes	Yes
	Dual	Dual	Dual	Dual
	None	7" (1/4 wave)	10" (1/4 wave)	N/A
e	N Female	N Female	N Female	N Female
60	-30 to +60	-30 to +60	-30 to +60	-30 to +60
x 14	3.5 x 19 x 14	19.25 x 19 x 15.3	48 x 24 x 24	24 x 21 x 21
	1 Year	1 Year	1 Year	2 Years
*Specify Frequency	**57619** *Specify Frequency	**59393** *Specify Frequency	**73247** *Specify Frequency	**73174** *Specify Frequency
0 $1,194.10	$2,340.00 $1,918.80	$3,772.00 $3,093.04	$6,519.00 $5,150.01	$5,185.00 $4,002.82
$1,173.75	15 lb. $1,755.00	63 lb. $2,829.00	175 lb. $4,889.25	86 lb. $3,956.16
$1,142.45	6.82 kg. $1,731.60	28.63 kg. $2,791.28	79.54 kg. $4,824.06	39.09 kg. $3,888.75

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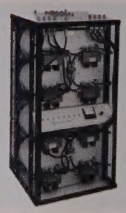
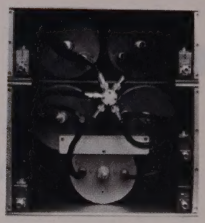
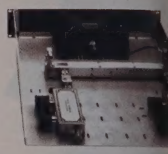
Combiners, UHF [440-52]

Manufacturer Table	Sinclair CT4-450F	Telewave, Inc. M-101-450-4TRM	Sinclair TJ-3214	Sinclair TC-3214
				
Product Narrative	Combiner for close channel spacing. Housed in open frame cabinet with castors for mobility. Two frames can be stacked.	Combiner on eight position rack. Incl. wattmeter panel for forward/reflected readings on inputs and output, and remote Tx keying.	Compact low-loss combiner. Mounts in 19" rack.	Combiner for close frequen ing. 19" rack mount.
Combiner Type	Cavity-Ferrite	Cavity-Ferrite	Cavity-Ferrite	Hybrid-Ferrite
Freq. Range (MHz)	406-512	406-512	406-512	406-512
Maximum Power Per Channel (W)	125	150	125	125
No. of Channels	4	4	4	4
Min. Separation (MHz)	100 kHz	275 kHz	200 kHz	0
Maximum Separation	N/A	N/A	N/A	9 MHz
Min. Insertion Loss	2.5	3.0	3.2	7.4
Maximum Insertion Loss	4.4 @ 100 kHz	3.5 @ 275 kHz sep.	4.2 @ 200 kHz	7.4
Isolation Tx/Tx	70	75	70	80
Isolation Ant/Tx	60	60	60	56
Second Harmonic Attenuation	90	90	90	N/A
Input VSWR	1.5:1	1.5:1	1.25:1	1.25:1
Tuning Method	Factory Tune	Factory Tune	Factory Tune	Factory Tune
Expandable	Yes	Yes	Yes	Yes
Isolator Type	Dual	Dual	Dual	Dual
Cavity Size, Type	7" (1/2 wave)	10" (1/4 wave)	7" (1/4 wave)	None
Connectors	N Female	N Female	N Female	N Female
temp. Range deg-C	-30 to +60	-30 to +60	-30 to +60	-30 to +60
Size (H"xW"xD")	38 x 21 x 21	48 x 24 x 24	19.25 x 19 x 15.3	10.5 x 19 x 14
Warranty	2 Years	1 Year	1 Year	1 Year
TESSCO Part No.	**18502** *Specify Frequency	**21640** *Specify Frequency	**28985** *Specify Frequency	**96012** *Specify Freq
List Price: T-1 Price:	$5,684.00 $4,660.88	$8,097.00 $6,396.63	$5,352.00 $4,388.64	$5,260.00 $4,313.
Ship lb.: T-2 Price:	110 lb. $4,263.00	175 lb. $6,072.75	75 lb. $4,014.00	35 lb. $3,945.
Ship kg.: T-3 Price:	50.00 kg. $4,206.16	79.54 kg. $5,991.78	34.09 kg. $3,960.48	15.91 kg. $3,892.

NEW = New Listing. Pricing for reference See TESSCO.com for latest pricing and pro
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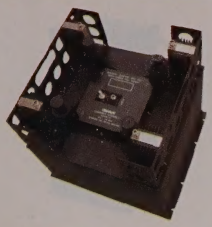
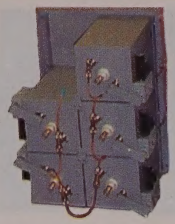
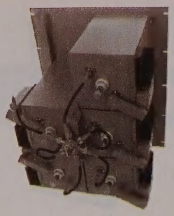
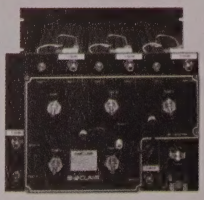
Filters, Combiners, Duplexers, Ferrites

Products -4404B	RFS Celwave SJD Series	EMR Corp. 65452/7	EMR Corp. 65552/7	Sinclair RTC5-400R
				
er enclosed in cabinet with heels. Handles low channel ons. errite	These cavity-ferrite transmitter combiners offer a solution to your 450 MHz land mobile needs. Their low-loss characteristic maximizes system performance while their high isolation minimizes the possibility of intermodulation. *Specify Frequency Cavity-Ferrite	Ferrite low-loss transmit combiner for 300 KHz min. separation. Ferrite-low loss	Ferrite low-loss transmit combiner for 300 KHz min. separation. Ferrite-low loss	Res-Lok compact combiner. 19" rack mount unit. Cavity-Ferrite
	403-512 150 Watts 4 150 kHz N/A N/A 3.5 @ 250 kHz	300-650 50 5 300 KHz N/A 2.3 2.9	300-650 125 5 300 KHz N/A 2.3 2.9	406-512 125 5 200 kHz N/A 2.6 4.5 @ 200 kHz
Tune	60 50 N/A N/A Factory Tune	90 70 N/A 1.1:1 Factory Tune	90 70 70 1.1:1 Factory Tune	70 N/A N/A 1.25:1 Factory Tune
wave) e 60 4 x 24	Yes, 4 to 8 only Dual N/A N Female 0 to +50 17.47" x 19" x 18.14" 1 Year	Yes Dual 7" (1/4 wave) N Female -30 to +60 38 x 21 x 21 2 Years	Yes Dual 7" (1/2 wave) N Female -30 to +60 38 x 21 x 21 2 Years	Yes Dual 4" Square (1/4 wave) N Female -30 to +60 12.25 x 19 x 15 2 Years
*Specify Frequency 00 $8,381.56 $8,238.75 g. $8,183.83	**454300** NEW *403-433 MHz, *Specify Frequency **473309** NEW *438-470 MHz, *Specify Frequency **477349** NEW *470-494 MHz, *Specify Frequency **487350** NEW *494-512 MHz, *Specify Frequency $7,395.00 $5,642.39 75 lb. $5,546.25 34.09 kg. $5,398.35	**17621** *Specify Frequency $5,370.00 $4,145.64 86 lb. $4,097.31 39.09 kg. $4,027.50	**90135** *Specify Frequency $5,715.00 $4,411.98 107 lb. $4,360.55 48.63 kg. $4,286.25	**33689** *Specify Frequency $5,588.00 $4,582.16 50 lb. $4,191.00 22.72 kg. $4,135.12

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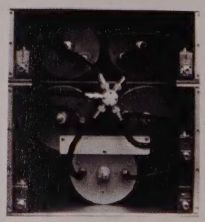
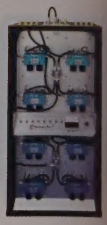
Combiners, UHF [440-52]

Manufacturer Table	Telewave, Inc. M-101-450-5TRM	Sinclair TJ-3215	Telewave, Inc. M-101-450-7TRM	Telewave, Inc. M-101-450-8TRM
				
Product Narrative Combiner Type	Combiner on eight position rack. Incl. wattmeter panel for forward/ reflected readings on input and output, and remote Tx keying. Cavity-Ferrite	Compact low-loss combiner. Mounts in 19" rack. Cavity-Ferrite	Combiner on eight position rack. Incl. wattmeter panel for forward/ reflected readings on inputs and output, and remote Tx keying. Cavity-Ferrite	Cavity in eight channel rack. I wattmeter panel for forward/ reflected readings on inputs a outputs, and remote Tx keyi Cavity-Ferrite
Freq. Range (MHz)	406-512	406-512	406-512	406-512
Maximum Power Per Channel (W)	150	125	150	150
No. of Channels	5	5	7	8
Min. Separation (MHz)	275 kHz	200 kHz	275 kHz	275 kHz
Maximum Separation	N/A	N/A	N/A	N/A
Min. Insertion Loss	3.0	3.3	3.0	3.0
Maximum Insertion Loss	3.5 @ 275 kHz sep.	4.3 @ 200 kHz	3.5 @ 275 kHz sep.	3.5 @ 275 kHz sep.
Isolation Tx/Tx	75	70	75	75
Isolation Ant/Tx	60	60	60	60
Second Harmonic Attenuation	90	90	90	90
Input VSWR	1.5:1	1.25:1	1.5:1	1.5:1
Tuning Method	Factory Tune	Factory Tune	Factory Tune	Factory Tune
Expandable	Yes	Yes	Yes	Yes
Isolator Type	Dual	Dual	Dual	Dual
Cavity Size, Type	10" (1/4 wave)	7" (1/4 wave)	10" (1/4 wave)	10" (1/4 wave)
Connectors	N Female	N Female	N Female	N Female
temp. Range deg-C	-30 to +60	-30 to +60	-30 to +60	-30 to +60
Size (H"xW"xD")	48 x 24 x 24	19.25 x 19 x 15.3	48 x 24 x 24	48 x 24 x 24
Warranty	1 Year	1 Year	1 Year	1 Year
TESSCO Part No.	**60033** *Specify Frequency	**80592** *Specify Frequency	**98426** *Specify Frequency	**85212** *Specify Frequ
List Price: T-1 Price:	$9,675.00 $7,643.25	$6,312.00 $5,175.84	$12,830.00 $10,135.70	$14,408.00 $11,382
Ship lb.: T-2 Price:	175 lb. $7,256.25	105 lb. $4,734.00	175 lb. $9,622.50	175 lb. $10,806
Ship kg.: T-3 Price:	79.54 kg. $7,159.50	47.72 kg. $4,670.88	79.54 kg. $9,494.20	79.54 kg. $10,661

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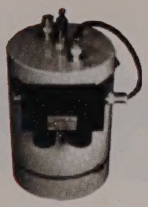
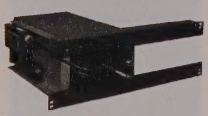
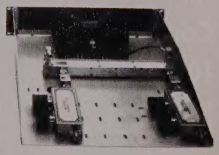
Filters, Combiners, Duplexers, Ferrites

turer	Telewave, Inc. M101-860-1T	Decibel Products DB8062HWB-B	Decibel Products DB8062HWB-E	Sinclair TC-4212
nbiners, 800-) MHz)-53]				
Narrative	Combiner expansion channel for Telewave M101-860 series. Incl. isolator, cavity, power sensor with leads, jumpers and mount hardware.	Single expansion channel for DB8062 series combiners. Includes phasing harness and 19" mounting bracket.	Expansion channel for DB8062 combiner. Includes bracket for 19" rack mounting.	Combiner for close frequency spacing. 19" rack mount.
er Type	Cavity-Ferrite	Cavity-Ferrite	Cavity-Ferrite	Hybrid-Ferrite
nge (MHz)	850-870	850-870	928-932	806-960
m Power Per Channel (W)	150	150	150	125
Channels	1	1	1	2
aration (MHz)	250 kHz	250 kHz	250 kHz	0
m Separation	N/A	N/A	N/A	10 MHz
rtion Loss	2.4 @ 1 MHz sep.	2.0	2.0 @ 1 MHz sep.	4.2
m Insertion Loss	3.5 @ .5 MHz sep.	4.8	3.5 @ 250 kHz sep.	4.2
Tx/Tx	85	68	68	80
Ant/Tx	80	N/A	N/A	53
Harmonic Attenuation	60	N/A	N/A	N/A
m VSWR	1.25:1	1.3:1	1.3:1	1.25:1
Method	*Factory tune	*Factory tune	*Factory tune	*Factory tune
ble	Yes	Yes	Yes	Yes
Type	Dual	Dual	Dual	Dual
ze, Type	8" (1/4 wave)	5"x7" (3/4 wave)	5"x7" (3/4 wave)	None
ors	N Female	N Female	N Female	N Female
nge deg-C	-30 to +60	-30 to +60	-30 to +60	-30 to +60
xW"xD")	74 x 20 x 22	6.13 x 19 x 20	7 x 19 x 17	3.5 x 19 x 14
y	1 Year	1 Year	1 Year	1 Year
O Part No.	**83239** *Specify Frequency	**98358** *Specify Frequency	**77045** *Specify Frequency	**31191** *Specify Frequency
T-1 Price:	$1,797.00 $1,419.63	$1,685.00 $1,285.66	$1,685.00 $1,285.66	$2,240.00 $1,836.80
T-2 Price:	20 lb. $1,347.75	11 lb. $1,263.75	35 lb. $1,263.75	15 lb. $1,680.00
T-3 Price:	9.09 kg. $1,329.78	5.00 kg. $1,255.33	15.91 kg. $1,255.33	6.82 kg. $1,657.60

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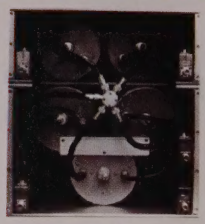
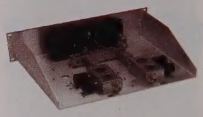
Combiners, 800-1000 MHz [440-53]

Manufacturer Table	Sinclair TJ-4232	RFS Celwave TCC800-2	RFS Celwave TCD800-2	Decibel Products DB8062F-2-B
				
Product Narrative	Compact low-loss combiner. Mounts in 19" rack.	Compact rack mount combiner. Includes harmonic filter. Can be expanded to four channels with added unit, PCH800 panel and CAB-1 cabling.	Compact rack mount combiner. Includes harmonic filter.	Rack mount combiner. Super cabling.
Combiner Type	Cavity-Ferrite	Hybrid-Ferrite	Hybrid-Ferrite	Cavity-Ferrite
Freq. Range (MHz)	806-960	806-960	806-960	851-869
Maximum Power Per Channel (W)	125	150	150	125
No. of Channels	2	2	2	2
Min. Separation (MHz)	250 kHz	25 kHz	25 kHz	150 kHz
Maximum Separation	N/A	N/A	N/A	N/A
Min. Insertion Loss	2.0	N/A	N/A	2.6 @ 1 MHz sep.
Maximum Insertion Loss	3.4 @ 250 kHz	3.9	4.2	4.7 @ 150 kHz sep.
Isolation Tx/Tx	70	50	80	65
Isolation Ant/Tx	60	28	53	50
Second Harmonic Attenuation	90	N/A	N/A	N/A
Maximum VSWR	1.25:1	1.25:1	1.25:1	1.3:1
Tuning Method	*Factory tune	*Factory tune	*Factory tune	*Factory tune
Expandable	Yes	Yes- w/ Coupling Panel	Yes- w/ Coupling Panel	Yes
Isolator Type	Dual	Single	Dual	Dual
Cavity Size, Type	7" (3/4 wave)	None	None	5"x7" (3/4 wave)
Connectors	N Female	N Female	N Female	N Female
temp. Range deg-C	-30 to +60	-30 to +60	-30 to +60	-30 to +60
Size (H"xW"xD")	19.25 x 19 x 18.5	3.5 x 19 x 14	3.5 x 19 x 14	6.13 x 19 x 20
Warranty	1 Year	1 Year	1 Year	1 Year
TESSCO Part No.	**15771** *Specify Frequency	**91766** *Specify Frequency	**97465** *Specify Frequency	**86393** *Specify Frequ
List Price: T-1 Price:	$3,116.00 $2,555.12	$1,480.00 $1,129.24	$1,840.00 $1,403.92	$3,450.00 $2,632.3
Ship lb.: T-2 Price:	28 lb. $2,337.00	11 lb. $1,110.00	12 lb. $1,380.00	42 lb. $2,587.5
Ship kg.: T-3 Price:	12.73 kg. $2,305.84	5.00 kg. $1,080.40	5.45 kg. $1,343.20	19.09 kg. $2,570.2

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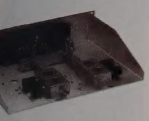
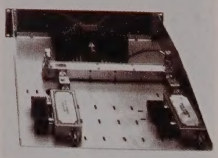
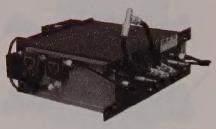
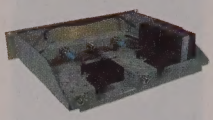
Filters, Combiners, Duplexers, Ferrites

wave 0-2	Sinclair TC-4112-EHP	Decibel Products DB8062H-2-E	EMR Corp. 26522	Telewave, Inc. M101-860-3TRM
				
: rack mount combiner. harmonic filter.	High power paging combiner. Allows very close channel spacing. 500 watt load. 19" rack mount.	Rack mount combiner. Superflex cabling.	Hybrid Ferrite transmit combiner dual isolation 2 rack units tall.	Combiner on ten position rack. Incl. wattmeter panel for forward/ reflected readings on input and output, and remote Tx keying.
errite	Hybrid-Ferrite	Cavity-Ferrite	Hybrid-Ferrite	Cavity-Ferrite
	900-960	935-960	650-1000	850-960
	500	150	125	150
	2	2	2	3
	0	250 kHz	N/A	250 kHz
	60 MHz	N/A	N/A	N/A
	3.3	2.0 @ 1 MHz sep.	4.0	2.4 @ 1 MHz sep.
	3.8	3.5 @ 250 kHz sep.	N/A	3.5 @ .5 MHz sep.
	40	68	100	85
	25	N/A	70	80
	N/A	N/A	60	60
	1.25:1	1.3:1	1.5:1	1.25:1
tune	*Factory tune	*Factory tune	*Factory tune	*Factory tune
Coupling Panel	Yes	Yes	Yes	Yes
	Single	Dual	Dual	Dual
	None	5"x7" (3/4 wave)	N/A	8" (1/4 wave)
	N Female	N Female	N Female	N Female
0	-30 to +60	-30 to +60	-30 to +60	-30 to +60
x 14	8.72 x 19 x 16	6.13 x 19 x 20	24 x 21 x 21	74 x 20 x 22
	1 Year	1 Year	2 Years	1 Year
*Specify Frequency	**89928** *Specify Frequency	**10856** *Specify Frequency	**98353** *Specify Frequency	**83438** *Specify Frequency
$2,937.55	$4,796.00 $3,932.72	$3,175.00 $2,422.53	$2,315.00 $1,787.18	$7,421.00 $5,862.59
$2,887.50	45 lb. $3,597.00	45 lb. $2,381.25	86 lb. $1,766.35	175 lb. $5,565.75
$2,810.50	20.45 kg. $3,549.04	20.45 kg. $2,365.38	39.09 kg. $1,736.25	79.54 kg. $5,491.54

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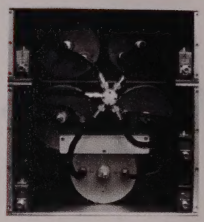
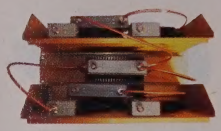
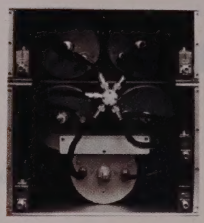
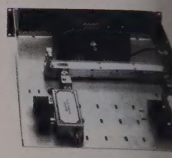
Combiners, 800-1000 MHz [440-53]

Manufacturer Table	Sinclair TJ-4233	EMR Corp. 26542	Sinclair TJ-4234	Sinclair TC-4214
				
Product Narrative	Compact low-loss combiner. Mounts in 19" rack.	Hybrid Ferrite transmit combiner dual isolation 6 rack units tall.	Compact low-loss combiner. Mounts in 19" rack.	Combiner for close frequenc ing. 19" rack mount.
Combiner Type	Cavity-Ferrite	Hybrid-Ferrite	Cavity-Ferrite	Hybrid-Ferrite
Freq. Range (MHz)	806-960	650-1000	806-960	806-960
Maximum Power Per Channel (W)	125	125	125	125
No. of Channels	3	4	4	4
Min. Separation (MHz)	250 kHz	N/A	250 kHz	0
Maximum Separation	N/A	N/A	N/A	10 MHz
Min. Insertion Loss	2.1	7.0	2.25	7.4
Maximum Insertion Loss	3.6 @ 250 kHz	N/A	3.8 @ 250 kHz	7.4
Isolation Tx/Tx	70	100	70	80
Isolation Ant/Tx	60	70	60	56
Second Harmonic Attenuation	90	60	90	N/A
Maximum VSWR	1.25:1	1.1:1	1.25:1	1.25:1
Tuning Method	*Factory tune	*Factory tune	*Factory tune	*Factory tune
Expandable	Yes	Yes	Yes	Yes
Isolator Type	Dual	Dual	Dual	Dual
Cavity Size, Type	7" (3/4 wave)	N/A	7" (3/4 wave)	None
Connectors	N Female	N Female	N Female	N Female
temp. Range deg-C	-30 to +60	-30 to +60	-30 to +60	-30 to +60
Size (H"xW"xD")	19.25 x 19 x 18.5	48 x 21 x 21	19.25 x 19 x 18.5	10.5 x 19 x 14
Warranty	1 Year	2 Years	1 Year	1 Year
TESSCO Part No.	**34214**	**85139**	**72607**	**17977**
List Price: T-1 Price:	$4,328.00 $3,548.96	$5,185.00 $4,002.82	$6,008.00 $4,926.56	$5,460.00 $4,477.
Ship lb.: T-2 Price:	43 lb. $3,246.00	86 lb. $3,956.16	55 lb. $4,506.00	35 lb. $4,095.
Ship kg.: T-3 Price:	19.54 kg. $3,202.72	39.09 kg. $3,888.75	25.00 kg. $4,445.92	15.91 kg. $4,040.
	*Specify Frequency	*Specify Frequency	*Specify Frequency	*Specify Freq

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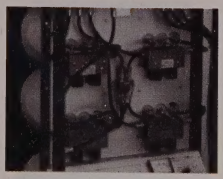
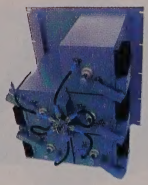
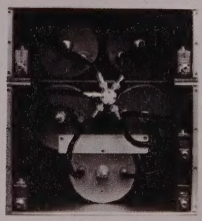
Filters, Combiners, Duplexers, Ferrites

wave -4H	Telewave, Inc. M101-860-5T	EMR Corp. 66552/7C	Telewave, Inc. M101-860-5TRM	Sinclair TJ-4235
				
ver waveguide combiner g or trunked systems. Uses aveguide resonators. ad. BNC sampling port.	Combiner/expansion without rack. Incl. wattmeter panel for forward/ reflected readings on inputs and output, and remote Tx keying.	Ferrite low-loss transmit combiner for 500 KHz min. separation.	Combiner on ten position rack. Incl. wattmeter panel for forward/ reflected readings on input and output, and remote Tx keying.	Compact low-loss combiner. Mounts in 19" rack.
Vaveguide	Cavity-Ferrite	Filter-Ferrite	Cavity-Ferrite	Cavity-Ferrite
	850-960	806-894	806-960	806-960
	150	125	150	125
	5	5	5	5
	250 kHz	500 kHz	250 kHz	250 kHz
	N/A	N/A	N/A	N/A
	2.4 @ 1 MHz sep.	2.1	2.4 @ 1 MHz sep.	2.4
	3.4 @ 500 kHz sep.	3.0	3.5 @ .5 MHz sep.	4.0 @ 250 kHz
	85	90	85	70
ified	80	70	80	60
	60	70	60	90
	1.25:1	1.5:1	1.25:1	1.25:1
tune	*Factory tune	*Factory tune	*Factory tune	*Factory tune
	Yes	Yes	Yes	Yes
	Dual	Dual	Dual	Dual
de	8" (1/4 wave)	7" (3/4 wave)	8" (1/4 wave)	7" (3/4 wave)
ut: 7/16	N Female	N Female	N Female	N Female
0	-30 to +60	-30 to +60	-30 to +60	-30 to +60
9 x 18.75	74 x 22 x 20	38 x 21 x 21	74 x 20 x 22	19.25 x 19 x 18.5
	1 Year	2 Years	1 Year	1 Year
*Specify Frequency	**18617** *Specify Frequency	**99602** *Specify Frequency	**11610** *Specify Frequency	**21000** *Specify Frequency
0 $9,613.80	$7,887.00 $6,230.73	$6,270.00 $4,840.44	$10,786.00 $8,520.94	$7,212.00 $5,913.84
$9,450.00	66 lb. $5,915.25	86 lb. $4,784.01	75 lb. $8,089.50	71 lb. $5,409.00
$9,198.00	30.00 kg. $5,836.38	39.09 kg. $4,702.50	34.09 kg. $7,981.64	32.27 kg. $5,336.88

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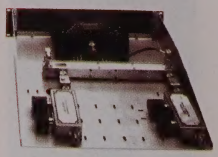
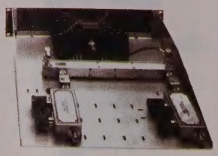
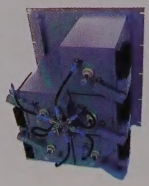
Combiners, 800-1000 MHz [440-53]

Manufacturer Table	Sinclair TC-4215	Sinclair TC-4225HP	EMR Corp. 66452/7C	Decibel Products DB8062F-5B
				
Product Narrative	Combiner for close frequency spacing. 19" rack mount.	High power combiner for close frequency spacings. 19" rack mount.	Ferrite low-loss transmit combiner for 500 KHz min. separation.	Rack mount combiner. Supe cabling. 700 watt maximum bined output power.
Combiner Type	Hybrid-Ferrite	Hybrid-Ferrite	Filter-Ferrite	Cavity-Ferrite
Freq. Range (MHz)	806-960	806-960	806-894	851-869
Maximum Power Per Channel (W)	125	180	50	125
No. of Channels	5	5	5	5
Min. Separation (MHz)	0	0	500 kHz	150 kHz
Maximum Separation	10 MHz	10	N/A	N/A
Min. Insertion Loss	9.0	8.3	2.1	2.7 @ 1 MHz sep.
Maximum Insertion Loss	9.0	8.3	3.0	5.0 @ 150 kHz sep.
Isolation Tx/Tx	80	80	90	65
Isolation Ant/Tx	56	57	70	N/A
Second Harmonic Attenuation	N/A	N/A	70	N/A
Maximum VSWR	1.25:1	1.25:1	1.1:1	1.3:1
Tuning Method	*Factory tune	*Factory tune	*Factory tune	*Factory tune
Expandable	Yes	Yes	Yes	Yes
Isolator Type	Dual	Dual	Dual	Dual
Cavity Size, Type	None	None	7" (3/4 wave)	5"x7" (3/4 wave)
Connectors	N Female	N Female	N Female	N Female
temp. Range deg-C	-30 to +60	-30 to +60	-30 to +60	-30 to +60
Size (H"xW"xD")	10.5 x 19 x 14	10.5 x 19 x 15	38 x 21 x 21	19 x 19 x 20
Warranty	1 Year	1 Year	2 Years	1 Year
TESSCO Part No.	**56370** *Specify Frequency	**81549** *Specify Frequency	**61209** *Specify Frequency	**87642** *Specify Freq
List Price: T-1 Price:	$6,808.00 $5,582.56	$8,816.00 $7,229.12	$5,995.00 $4,628.14	$8,750.00 $6,676.
Ship lb.: T-2 Price:	40 lb. $5,106.00	40 lb. $6,612.00	86 lb. $4,574.19	129 lb. $6,562.
Ship kg.: T-3 Price:	18.18 kg. $5,037.92	18.18 kg. $6,523.84	39.09 kg. $4,496.25	58.63 kg. $6,518.

NEW = New Listing. Pricing for reference
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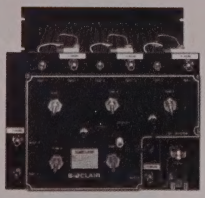
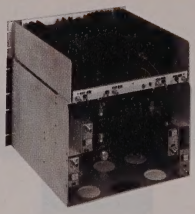
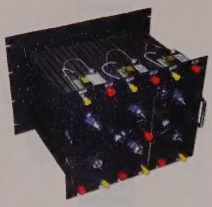
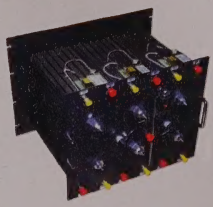
Filters, Combiners, Duplexers, Ferrites

00R	Sinclair RTC5-800R-HP2	RFS Celwave SKD940-5H	Sinclair RTC6-800RC	Sinclair RTC6-800RC
				
formance Res-Lok trunking r. Fully expandable. BNC test ports. Compact, 19" nt design.	Res-Lok compact, high power combiner. 19" rack mount.	High power waveguide combiner for paging or trunking systems. Uses TE101 waveguide resonators. 300W load. BNC sampling port.	High performance Res-Lok trunking combiner. High Q Cavity-Ferrite. BNC sampling test ports. Compact, 19" rack mount design.	High performance Res-Lok trunking combiner. High Q Cavity-Ferrite. BNC sampling test ports. Compact, 19" rack mount design.
errite	Cavity-Ferrite	Ferrite/Waveguide	H Q Cavity-Ferrite	H Q Cavity-Ferrite
	851-866	925-940	806-824	851-869
	200	350	125	125
	5	5	6	6
	500 kHz	250 kHz	250 kHz	250 kHz
	N/A	N/A	N/A	N/A
	3.2	N/A	2.5	2.5
0 kHz	3.2	3.5	3.7 @ 250 kHz	3.7 @ 250 kHz
	70	60	70	70
	N/A	50	60	60
	N/A	Not Specified	N/A	N/A
	1.25:1	1.25	1.25:1	1.25:1
field tune	*Factory tune	*Factory tune	TESSCO/field tune	TESSCO/field tune
	Yes	No	No	No
	Dual	Dual	Dual	Dual
(1/4 wave)	4" square (1/4 wave)	Waveguide	4" square (1/4 wave)	4" square (1/4 wave)
	LC	In: N/F Out: 7/16	N Female	N Female
0	-30 to +60	-30 to +60	-30 to +60	-30 to +60
9 x 15	12.25 x 19 x 15	15.75 x 19 x 18.75	14 x 19 x 15	14 x 19 x 15
	2 Years	1 Year	2 Years	2 Years
*Specify Frequency	**97261** *Specify Frequency	**91898** *Specify Frequency	**52718** *Specify Frequency	**14325** *Specify Frequency
$4,378.80	$7,810.00 $6,404.20	$15,965.00 $12,181.30	$6,875.00 $5,637.50	$6,875.00 $5,637.50
$4,005.00	50 lb. $5,857.50	103 lb. $11,973.75	52 lb. $5,156.25	52 lb. $5,156.25
$3,951.60	22.72 kg. $5,779.40	46.81 kg. $11,654.45	23.63 kg. $5,087.50	23.63 kg. $5,087.50

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Combiners, 800-1000 MHz [440-53]

Manufacturer Table	Telewave, Inc. M101-860-10TRM	Decibel Products DB8062F10-B	Sinclair RTC10-800R	Sinclair RTC10-800RCLL
Product Narrative	Combiner on ten position rack. Incl. wattmeter panel for forward/ reflected readings on input and output, and remote Tx keying.	Rack mount combiner. Superflex cabling. 700 watt maximum combined output power.	Res-Lok compact combiner. 19" rack mount.	High Q Cavity- Ferrite combi 19" inch rack mount.
Combiner Type	Cavity-Ferrite	Cavity-Ferrite	Cavity-Ferrite	H Q Cavity-Ferrite
Freq. Range (MHz)	806-960	851-869	851-866	851-869
Maximum Power Per Channel (W)	150	125	125	125
No. of Channels	10	10	10	10
Min. Separation (MHz)	250 kHz	150 kHz	250 kHz	250 kHz
Maximum Separation	N/A		N/A	N/A
Min. Insertion Loss	2.4 @ 1 MHz sep.	2.9 @ 1 MHz sep	2.9	2.9
Maximum Insertion Loss	3.5 @ .5 MHz sep.	5.6 @ 150 kHz sep	5.4 @ 200 kHz	3.8 @ 200 kHz
Isolation Tx/Tx	85	65	70	70
Isolation Ant/Tx	80	N/A	N/A	60
Second Harmonic Attenuation	60	N/A	N/A	N/A
Maximum VSWR	1.25:1	1.3:1	1.25:1	1.25:1
Tuning Method	*Factory tune	*Factory tune	*Factory tune	*Factory tune
Expandable	Yes	Yes	Yes	Yes
Isolator Type	Dual	Dual	Dual	Dual
Cavity Size, Type	8" (1/4 wave)	5"x7" (3/4 wave)	4" square (1/4 wave)	4" square (1/4 wave)
Connectors	N Female	N Female	N Female	N Female
temp. Range deg-C	-30 to +60	-30 to +60	-30 to +60	-30 to +60
Size (H"xW"xD")	74 x 20 x 22	40 x 19 x 20	12.25 x 19 x 15	24.5 x 19 x 13.3
Warranty	1 Year	1 Year	2 Years	2 Years
TESSCO Part No.	**91682** *Specify Frequency	**61214** *Specify Frequency	**20475** *Specify Frequency	**91111** *Specify Frequ
List Price: T-1 Price:	$19,198.00 $15,166.42	$17,550.00 $13,390.65	$10,856.00 $8,901.92	$10,856.00 $8,901.5
Ship lb.: T-2 Price:	66 lb. $14,398.50	54 lb. $13,162.50	105 lb. $8,142.00	105 lb. $8,142.0
Ship kg.: T-3 Price:	30.00 kg. $14,206.52	24.54 kg. $13,074.75	47.72 kg. $8,033.44	47.72 kg. $8,033.4

Amplifiers and Filters

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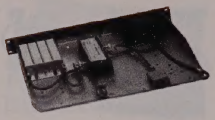
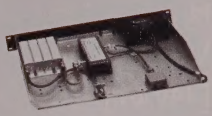
*Specify Frequency
) $17,515.20
$16,020.00
$15,806.40

Manufacturer Table

Multicouplers, VHF [440-61]

	EMR Corp. 24104-1/P-5	Sinclair RM-21204N-0	Sinclair RM-21204N
			
Product Narrative	Complete multicoupler, preselector, amplifier, Rx power dividers, power supply, chassis tray. 19"	Compact multicoupler. 19" rack mount. Must terminate unused ports.	Compact multicoupler. 19" rack mount. Must terminate unused ports.
General Freq. (MHz)	138-225	138-174	138-174
Specific Freq. (MHz)	138-225	138-174	138-174
No. of Channels	3-4	4	4
Bandwidth (MHz)	3-8 MHz Preselect	N/A	1
Preselector Type	Helical	None	Helical
Expandable (Max)	Yes	No	No
Rx/Rx Isolation	20	25	25
IM Suppression (2x-35dBm)	N/A	95	95
3rd Order Intercept	+40 dbm	+40	+40
Noise Figure	5.0db	6.5	6.5
1 dBm Compression Point (dBm)	+24 dBm	N/A	N/A
VSWR	1.5:1	1.5:1	1.5:1
Tuning Method	Factory Tune	Factory Tune	Factory Tune
System Gain (dB)	3-4	1	1
Preamplifier Type	Bipolar Low Noise	Bipolar	Bipolar
Splitters	One 4-way	One 4-way	One 4-way
Input Connector	N Female	N Female	N Female
Output Connector	BNC Female	BNC Female	BNC Female
Power Requirement	See Below	115 Vac	115 Vac
Size (H"xW"xD")	5.25"x 19"x 10"	1.78 x 19 x 10	1.78 x 19 x 10
Warranty	1 Year	2 Years	2 Years
TESSCO Part No.	**468333** NEW 12V DC, *Specify Frequency	**44163** *Specify Frequency	**59592** *Specify Frequency
List Price: T-1 Price:	**16372** 115 Vac, *Specify Frequency	$2,005.00 $1,644.10	$2,005.00 $1,644.10
Ship lb.: T-2 Price:	$1,405.00 $1,084.66	7 lb. $1,503.75	7 lb. $1,503.75
Ship kg.: T-3 Price:	10 lb. $1,072.02	3.18 kg. $1,483.70	3.18 kg. $1,483.70
	4.54 kg. $1,053.75		

Amplifiers and Filters

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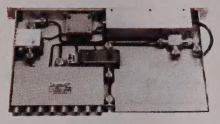
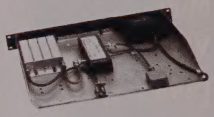
Multicouplers, VHF [440-61]

Manufacturer Table	Telewave, Inc. TWR8-50-500-1R	Telewave, Inc. TWR8-150	Sinclair RM-21208N	EMR Corp. 24108-1/P-5
				
Product Narrative	VHF/UHF multicoupler. Expand in 8 ch. steps w/ PS50-500-1R kits (one 2- way, one 8-way splitter)	Rack mount multicoupler. -20 dB test port. Expand using more TWR multicouplers.	Compact multicoupler. 19" rack mount. Must terminate unused ports.	Complete multicoupler, pr tor, amplifier, Rx power d power supply, chassis tray
General Freq. (MHz)	50-500	132-174	138-174	138-225
Specific Freq. (MHz)	50-500	132-174	138-174	138-225
No. of Channels	8	8	8	5-8
Bandwidth (MHz)	450	40	1	3-8 MHz Preselect
Preselector Type	None	None	Helical	Helical
Expandable (Max)	Yes (64)	Yes (64)	No	Yes
Rx/Rx Isolation	20	25	25	20
IM Suppression (2x-35dBm)	N/A	140	95	N/A
3rd Order Intercept	36	38	+40	+40 dBm
Noise Figure	2.5	4.0	6.5	5.0 dB
1 dBm Compression Point (dBm)	N/A	N/A	N/A	+24
VSWR	1.5:1	1.5:1	1.5:1	1.5:1
Tuning Method	Broadbanded	Broadbanded	Factory Tune	Factory Tune
System Gain (dB)	6-18 (18 std.)	2.0	1	3-4
Preamplifier Type	Bipolar Low Noise	Bipolar	Bipolar	Bipolar Low Noise
Splitters	One 8-way	One 8-way	One 8-way	One 8-way
Input Connector	N Female	N Female	N Female	N Female
Output Connector	N Female	N Female	BNC Female	BNC Female
Power Requirement	Specify 110 or 220Vac, 10-15Vdc	Specify 110 or 220Vac, 10-15Vdc	115 Vac	115 Vac
Size (H"xW"xD")	1.7 x 19 x 11	7 x 19 x 3	1.78 x 19 x 10	5.25"x 19"x 10"
Warranty	1 Year	1 Year	2 Years	1 Year
TESSCO Part No.	**62341**	**44520**	**97985** *Specify Frequency	**33532** *Specify Fr
List Price: T-1 Price:	$2,040.00 $1,611.60	$1,255.00 $991.45	$2,290.00 $1,877.80	$1,625.00 $1,2
Ship lb.: T-2 Price:	5 lb. $1,530.00	7.5 lb. $941.25	7 lb. $1,717.50	10 lb. $1,2
Ship kg.: T-3 Price:	2.27 kg. $1,509.60	3.41 kg. $928.70	3.18 kg. $1,694.60	4.54 kg. $1,2

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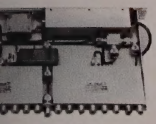
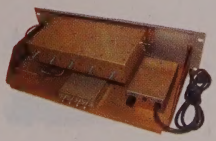
Multicouplers, UHF [440-62]

, Inc. 50-500-1R	RFS Celwave RMC150-12	Manufacturer Table	EMR Corp. 25104-1/P-5	Sinclair RM-31204N
				
multicoupler. Expand in s w/ PS50-500-1R kit (one e 8-way splitter)	RFS series couples several recievers to a single antenna. They each feature a low noise amplifier with outstanding complete with power supply, amplifier and compact preselector filter.	Product Narrative	Complete multicoupler, preselector, amplifier, Rx power dividers, power supply, chassis tray. 19"	Compact multicoupler. 19" rack mount. Must terminate unused ports.
	100-174	General Freq. (MHz)	300-512	440-512
	136-174	Specific Freq. (MHz)	300-512	440-512
	12	No. of Channels	3-4	4
	1.5 MHz	Bandwidth (MHz)	3-4 MHz Preselect	5
	Helical	Preselector Type	Helical	Helical
	Yes, to 16 O/P's	Expandable (Max)	Yes	No
	25	Rx/Rx Isolation	20	25
	N/A	Intermod Suppression 2x-35dBm	N/A	95
	35	3rd Order Intercept (dBm)	+40 dBm	+40
	6.9 typ. 7.7 max.	Noise Figure	N/A	5.5
	N/A	1 dBm Compression Point (dBm)	+21 dBm	N/A
	1.5:1	VSWR	1.5:1	1.5:1
led	Factory Tune	Tuning Method	Factory Tune	Factory Tune
zd.)	-0.5	System Gain (dB)	23.0 dB Preamp	1
w Noise	Low Noise	Preamplifier Type	Bipolar Low Noise	Bipolar
, One 8-way	Three 4-way	Splitters	One 4-Way	One four-way
	N Female	Input Connector	N Female	N Female
	BNC Female	Output Connector	BNC Female	BNC Female
0 or 220Vac, 10-15Vdc	120 VAC 50 -60 Hz	Power Requirement	See Below	115 Vac
7.3	3.5 x 19 x 10	Warranty	1 Year	2 Years
	1 Year	**TESSCO Part No.**	**446356** NEW 12v DC, *Specify Frequency	**21199** *Specify Frequency
$2,489.29	**464309** NEW *Specify Frequency	List Price: T-1 Price:	$2,150.00 $1,763.00	$2,150.00 $1,763.00
$2,363.25	$2,200.00 $1,678.60	Ship lb.: T-2 Price:	**71925** 115 Vac, *Specify Frequency	7 lb. $1,612.50
$2,331.74	9.8 lb. $1,650.00	Ship kg.: T-3 Price:	$1,400.00 $1,080.80	3.18 kg. $1,591.00
	4.45 kg. $1,606.00		10 lb. $1,068.20	
			4.54 kg. $1,050.00	

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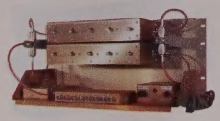
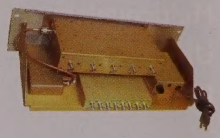
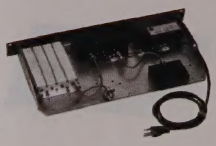
Multicouplers, UHF [440-62]

Manufacturer Table	EMR Corp. 25108-1/DP-5	EMR Corp. 25108-1/P-5	Sinclair RM-31208N	Telewave, Inc. TWR8-450
				
Product Narrative	Dual pass multicoupler, preselector, amplifier, Rx power dividers, power supply, chassis tray. 19"	Complete multicoupler, preselector, amplifier, Rx power dividers, power supply, chassis tray. 19"	Compact multicoupler. 19" rack mount. Must terminate unused ports.	Multicoupler. -20 dB test por Expand using more TWR mul plers.
General Freq. (MHz)	300-512	300-512	440-512	400-512
Specific Freq. (MHz)	300-512	300-512	440-512	440-480
No. of Channels	5-8	5-8	8	8
Bandwidth (MHz)	3-4 MHz Preselect	5-8 MHz Preselect	5	40 MHz
Preselector Type	Helical	Helical	Helical	None
Expandable (Max)	Yes	Yes	No	Yes (64)
Rx/Rx Isolation	20	20	25	25
Intermod Suppression 2x-35dBm	N/A	N/A	95	140
3rd Order Intercept (dBm)	+40 dBm	+40 dBm	+40	38
Noise Figure	4.6 db	4.6 db	5.5	4.0
1 dBm Compression Point (dBm)	+21 dBm	+21 dBm	N/A	N/A
VSWR	1.5:1	1.5:1	1.5:1	1.5:1
Tuning Method	Factory Tune	Factory Tune	Factory Tune	Broadbanded
System Gain (dB)	23.0 dB Preamp	23.0 dB Preamp	1	2.0
Preamplifier Type	Bipolar Low Noise	Bipolar Low Noise	Bipolar	Bipolar
Splitters	One 8-Way	One 8-Way	One eight-way	One 8-way
Input Connector	N Female	N Female	N Female	N Female
Output Connector	BNC Female	BNC Female	BNC Female	N Female
Power Requirement	115 Vac	See Below	115 Vac	Specify 110 or 220Vac, 10-15
Warranty	1 Year	1 Year	2 Years	1 Year
TESSCO Part No.	**32283** *Specify Frequency	**463302** NEW 12v DC, *Specify Frequency	**15932** *Specify Frequency	**82913**
List Price: T-1 Price:	$2,405.00 $1,856.66	**97104** 115 Vac, *Specify Frequency	$2,435.00 $1,996.70	$1,255.00 $991.45
Ship lb.: T-2 Price:	10 lb. $1,835.02	$1,620.00 $1,250.64	7 lb. $1,826.25	7.15 lb. $941.25
Ship kg.: T-3 Price:	4.54 kg. $1,803.75	10 lb. $1,236.06	3.18 kg. $1,801.90	3.25 kg. $928.70
		4.54 kg. $1,215.00		

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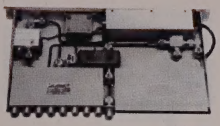
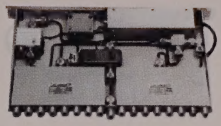
ave 8 (110V)	Telewave, Inc. TWR8-450-1R	Telewave, Inc. TWR16-450-1R	Telewave, Inc. TWR16-450
			
multicoupler. Expand in 4 w/ PD656520 four-way nd PD656270 brackets.	Compact multicoupler. Expand in 8 ch. steps w/ PS4508-1R kit (one 2-way, one 8-way splitter)	Compact multicoupler. Expand in 8 ch. steps w/ PS4508-1R kit (one 2-way, one 8-way splitter)	Multicoupler. -20 dB test port. Expand by adding more TWR multicouplers.
	450-512 450-512 8 106 MHz None	406-512 406-512 16 106 MHz None	400-512 440-480 16 40 MHz None
fied une	Yes (64) 25 N/A 36 2.5 N/A 1.5:1 Broadbanded	Yes (64) 25 N/A 36 2.5 N/A 1.5:1 Broadbanded	Yes 25 140 38 4.0 N/A 1.5:1 Broadbanded
e ay ale	6-15 (15 std.) Bipolar Low Noise One 8-way N Female N Female	6-18 (15 std.) Bipolar Low Noise One 2-way, two 8-way N Female N Female	2.0 Bipolar One 2-way, one 8-way N Female N Female
50-60 Hz	Specify 110 or 220Vac, 10-15Vdc 1 Year	Specify 110 or 220Vac, 10-15Vdc 1 Year	Specify 110 or 220Vac, 10-15Vdc 1 Year
*Specify Frequency $1,709.12 $1,680.00 $1,635.20	**49127** $1,673.00 $1,321.67 4 lb. $1,254.75 1.82 kg. $1,238.02	**10734** $2,413.00 $1,906.27 5 lb. $1,809.75 2.27 kg. $1,785.62	**19341** $1,888.00 $1,491.52 7.68 lb. $1,416.00 3.49 kg. $1,397.12

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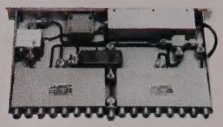
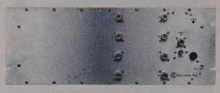
Multicouplers, 800-1000 MHz [440-63]

Manufacturer Table	Sinclair RM-43008E	Telewave, Inc. TWR8-860-1R	Telewave, Inc. TWR8-860	EMR Corp. 26108-1/P-5C
				
Product Narrative	Compact multicoupler. 19" rack mount. Must terminate unused ports.	Compact multicoupler. Expand in 8 ch. steps w/ PS8608-1R kit (one 2-way, one 8-way splitter)	Multicoupler. -20 dB test port. Expand with more TWR multicouplers.	High Performance Multicoup preselector, amplifier, Rx po dividers, power supply, chass 19"
General Freq. (MHz)	806-845	806-960	806-960	806-894
Specific Freq. (MHz)	806-821	806-840	806-846	806-894
No. of Channels	8	8	8	5-8
Bandwidth (MHz)	15 MHz	40 MHz	40 MHz	3-15 MHz Preselector
Preselector Type	Helical	None	None	Helical
Expandable (Max)	Yes	Yes (64)	Yes (64)	Yes
Rx/Rx Isolation	25	25	25	20
Intermod Suppression 2x-35dBm	80	N/A	140	N/A
3rd Order Intercept (dBm)	+34	36	38	+38 dBm
Noise Figure	4.7	2.5	4.0	5.4 dB
1 dBm Compression Point (dBm)	N/A	N/A	N/A	+20 dBm
VSWR	1.5:1	1.5:1	1.5;1	1.5:1
Tuning Method	Pretuned	Broadband	Broadband	Factory Tune
System Gain (dB)	7	6-18 (18 std.)	2.0	19.0 dB Preamp
Preamplifier Type	Bipolar	Low Noise Bipolar	Low Noise Bipolar	Bipolar Low Noise
Splitters	One 8-way, two 4-way	One 8-way	One 8-way	One 8-Way
Input Connector	N Female	N Female	N Female	N Female
Output Connector	BNC Female	N Female	N Female	BNC Female
Power Requirement	120 Vac	Specify 110 or 220Vac, 10-15Vdc	Specify 110 or 220Vac, 10-15Vdc	115 VAC
Size (H"xW"xD")	3.5 x 19 x 10	1.72 x 19 x 7.3	7 x 19 x 3	5.25"x 19"x 10"
Warranty	2 Years	1 Year	1 Year	1 Year
TESSCO Part No.	**33164**	**87520**	**48792**	**19069** *Specify Freq
List Price: T-1 Price:	$2,570.00 $2,107.40	$1,673.00 $1,321.67	$1,255.00 $991.45	$1,660.00 $1,281
Ship lb.: T-2 Price:	9 lb. $1,927.50	4 lb. $1,254.75	7 lb. $941.25	10 lb. $1,266
Ship kg.: T-3 Price:	4.09 kg. $1,901.80	1.82 kg. $1,238.02	3.18 kg. $928.70	4.54 kg. $1,245

Amplifiers and Filters

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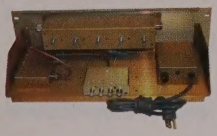
Filters, Combiners, Duplexers, Ferrites

rp. /P-5CH	EMR Corp. 26104-1/P-5CH	RFS Celwave RMC900-10(110V)	RFS Celwave RMC900-10K(110V)	RFS Celwave RMC900-10K(24V)
				
formance Multicoupler tor, amplifier, Rx power power supply, chassis tray.	High Performance Multicoupler preselector, amplifier, Rx power dividers, power supply, chassis tray. 19"	A receiver multicoupler allows several receivers to operate from one antenna. One receiver per channel	These RFS units are reciever multicouplers used in trunking systems requiring the ultimate in 800/900 MHz performance. Includes tower top amp.	A receiver multicoupler allows several receivers to operate from one antenna. One receiver per channel
	806-894	746-1000 MHz	896-902 MHz	896-902 MHz
	806-894	896-902 MHz	896-902	896-902
	3-4	10	10	10
z Preselector	3-15 MHz Preselector	6	6.0	6
	Helical	Helical	Helical	Helical
	Yes	Yes, To 20 Outputs	Yes, to 20 outputs	Yes, to 20 Outputs
	20	25 Typical	25 typical	25 typical
	N/A	N/A	N/A	N/A
	+37 dBm	N/A	+36 dB max. 1.5 dB typ.	N/A
	4.0 dB	4.9	4.5 dB	4.5
	+19 dBm	N/A	N/A	N/A
	1.5:1	N/A	N/A	N/A
une	Factory Tune	Factory Tune	Factory Tune	Factory Tune
reamp	30.0 dB Preamp	13	31.2	31.2
ow Noise	Bipolar Low Noise	N/A	N/A	N/A
ay	One 4-Way	N/A	N/A	N/A
	N Female	N Female	N Female	N Female
ale	BNC Female	BNC Female	BNC Female	BNC Female
	115 VAC	120 VAC 50-60 Hz	120 VAC 50-60 Hz	24 VDC
"x 10"	5.25"x 19"x 10"	7 x 19 x 10"	3.5" x 19" x 10"	3.5" x 19" x 10"
	1 Year	1 Year	1 Year	1 Year
*Specify Frequency	**57462** *Specify Frequency	**34692** *Specify Frequency	**84261** *Specify Frequency	**441159** *Specify Frequency
$1,451.36	$1,715.00 $1,323.98	$2,710.00 $2,067.73	$5,780.00 $4,410.14	$5,780.00 $4,410.14
$1,434.44	10 lb. $1,308.55	8.5 lb. $2,032.50	31 lb. $4,335.00	35 lb. $4,335.00
$1,410.00	4.54 kg. $1,286.25	3.86 kg. $1,978.30	14.09 kg. $4,219.40	15.91 kg. $4,219.40

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Multicouplers, 800-1000 MHz [440-63]

Manufacturer Table	Telewave, Inc. TWR8-860-1R-BNC	Sinclair RM40008-G16-502-DUAL	RFS Celwave RMC800-12(110V)	Sinclair RM-43012E
Product Narrative	Compact multicoupler. Expand in 8 ch. steps w/ PS8608-1R kit (one 2-way, one 8-way splitter)	NPCS Dual 8 channel multicoupler. Only 1.75" in height. 19" rack mountable. Must terminate unused ports.	The RMC800-12 units feature: Low noise amplifiers, Outstanding ummunity to intermodulation, Complete with power supply, Amplifier, & Compact preselector fitler. Expansion kits are available and include power divider, cable assembly and all necessary hardware.	Compact multicoupler. 19" mount. Must terminate unus ports.
General Freq. (MHz)	806-960	851-951	746-1000	806-845
Specific Freq. (MHz)	806-960	901-902	806-824	806-845
No. of Channels	8	2 X 8	12	12
Bandwidth (MHz)	40 MHz	100 MHz	18	15
Preselector Type	None	None	Helical	Helical
Expandable (Max)	Yes (64)	No	Yes, to 24 O/P's	Yes
Rx/Rx Isolation	25	20	25 (typ.)	25
Intermod Suppression 2x-35dBm	N/A		Not Specified	80
3rd Order Intercept (dBm)	36	+29	+34	+34
Noise Figure	2.5	< 2dB	4.5 dB	4.7
1 dBm Compression Point (dBm)	N/A			N/A
VSWR	1.5:1	1.5:1		1.5:1
Tuning Method	Factory Tune	Pretuned		Factory Tune
System Gain (dB)	6-18 (18 std.)	14	12	7
Preamplifier Type	Low Noise Bipolar	Bipolar		Bipolar
Splitters	One 8-way	Two 8-way		(1) 8-way, (3) 4-way
Input Connector	N Female	N Female	N-Female	N Female
Output Connector	BNC Female	SMA Female	BNC-Female	BNC Female
Power Requirement	Specify 110 or 220Vac, 10-15Vdc	120 Vac	120 VAC 50-60 Hz	120 Vac
Size (H"xW"xD")	1.72 x 19 x 7.3	1.75 x 19 x 9	3-1/2" x 19" x 10"	3.5 x 19 x 10
Warranty	1 Year	2 Years	1 Year	2 Years
TESSCO Part No.	**22699** *Specify Frequency	**465085**	**64288** NEW	**71557** *Specify Freq
List Price: T-1 Price:	$1,673.00 $1,321.67	$2,615.00 $2,144.30	$2,950.00 $2,250.85	$2,710.00 $2,222
Ship lb.: T-2 Price:	4 lb. $1,254.75	9 lb. $1,961.25	12 lb. $2,212.50	10 lb. $2,032
Ship kg.: T-3 Price:	1.82 kg. $1,238.02	4.09 kg. $1,935.10	5.45 kg. $2,153.50	4.54 kg. $2,005

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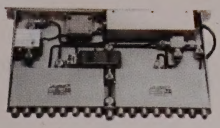
Filters, Combiners, Duplexers, Ferrites

6E	Telewave, Inc. TWR16-860-1R	Telewave, Inc. TWR16-860	Telewave, Inc. TWR16-860-1R-BNC	Sinclair RM-43024E
				
multicoupler. 19" rack lust terminate unused	Compact Multicoupler. Expand in 8 ch. steps w/ PS8608-1R (one 2-way, one 8-way splitter)	Multicoupler. -20 dB test port. Expand with more TWR multicouplers.	Compact multicoupler. Expand in 8 ch. steps w/ PS8608-1R kit (one 2-way, one 8-way splitter)	Compact multicoupler. 19" rack mount. Must terminate unused ports.
	806-960 806-960 16 40 MHz None	806-960 806-846 16 40 MHz None	806-960 806-960 16 40 MHz None	806-845 806-845 24 15 Helical
	Yes (64) 25 N/A 36 2.5 N/A 1.5:1 Factory Tune	Yes (64) 25 140 38 4.0 N/A 1.5:1 Broadband	Yes (64) 25 N/A 36 2.5 N/A 1.5:1 Factory Tune	Yes 25 80 +34 4.7 N/A 1.5:1 Factory Tune
une				
(4) 4-way ale	6-15 (15 std.) Low Noise Bipolar One 2-way, two 8-way N Female N Female	2.0 Low Noise Bipolar One 2-way, two 8-way N Female N Female	6-15 (15 std.) Low Noise Bipolar One 2-way, two 8-way N Female BNC Female	7 Bipolar (1) 8-way, (6) 4-way N Female BNC Female
10	Specify 110 or 220Vac, 10-15Vdc 1.7 x 19 x 11 1 Year	Specify 110 or 220Vac, 10-15Vdc 7 x 19 x 3 1 Year	Specify 110 or 220Vac, 10-15Vdc 1.7 x 19 x 11 1 Year	120 Vac 3.5 x 19 x 10 2 Years
*Specify Frequency $2,337.00 $2,137.50 $2,109.00	**35913** *Specify Frequency $2,413.00 $1,906.27 5 lb. $1,809.75 2.27 kg. $1,785.62	**57734** $1,915.00 $1,512.85 8.02 lb. $1,436.25 3.65 kg. $1,417.10	**61092** *Specify Frequency $2,413.00 $1,906.27 5 lb. $1,809.75 2.27 kg. $1,785.62	**58343** *Specify Frequency $3,275.00 $2,685.50 13 lb. $2,456.25 5.91 kg. $2,423.50

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Manufacturer Table	Telewave, Inc. TWR24-860	Sinclair RM-43032E	RFS Celwave CFX842-8
Multicouplers, 800-1000 MHz [440-63]			
Product Narrative	Rack mount receiver multicoupler. -20 dB sampling port. Expand with more TWR panels.	Compact multicoupler. 19" rack mount. Must terminate unused ports.	These Compact units are designed for use in AMPS cellular expanded frequency receiver multicoupling systems as direct replacements for an existing 10mhz preselctor
General Freq. (MHz)	806-960	806-845	746-1000
Specific Freq. (MHz)	806-846	806-845	835-849
No. of Channels	24	32	N/A
Bandwidth (MHz)	40 MHz	15	14
Preselector Type	None	Helical	Compact
Expandable (Max)	Yes (64)	Yes	N/A
Rx/Rx Isolation	25	25	N/A
Intermod Suppression 2x-35dBm	140	80	Not Specified
3rd Order Intercept (dBm)	38	+34	N/A
Noise Figure	4.0	4.7	N/A
1 dBm Compression Point (dBm)	N/A	N/A	N/A
VSWR	1.5:1	1.5:1	1.43:1
Tuning Method	Broadband	Factory Tune	Factory Tune
System Gain (dB)	0-2.0	7	N/A
Preamplifier Type	Bipolar Low Noise	Bipolar	N/A
Splitters	Multiple	(1) 8-way, (8) 4-way	N/A
Input Connector	N Female	N Female	N Female
Output Connector	N Female	BNC Female	N Female
Power Requirement	Specify 110 or 220Vac, 10-15Vdc	120 Vac	N/A
Size (H"xW"xD")	7 x 19 x 3	3.5 x 19 x 10	1-5/16" x 4-3/4" x 10-3/32"
Warranty	1 Year	2 Years	1 Year
TESSCO Part No.	**96127**	**96736** *Specify Frequency	**77621**
List Price: T-1 Price:	$2,237.00 $1,767.23	$3,380.00 $2,771.60	$330.00 $251.79
Ship lb.: T-2 Price:	8.66 lb. $1,677.75	17 lb. $2,535.00	2.25 lb. $247.50
Ship kg.: T-3 Price:	3.94 kg. $1,655.38	7.73 kg. $2,501.20	1.02 kg. $240.90

Manufacturer Table
Active Filters [440-75]
Product Narrative
Filter Type
Freq. Range
Maximum Input Power (Wa
Gain (dB)
Bandwidth (MHz)
Impedance (Z)
Channel Spacing
Dimensions (H x W x D)
Weight (lbs.)
Operating Temperature
Mount Type
Connector
Power Required
Warranty
TESSCO Part No.
List Price: T-1 Pr
Ship lb.: T-2 Pr
Ship kg.: T-3 Pr

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REST OF WORLD +1 410-229-1200 WWW.TESSCO.COM
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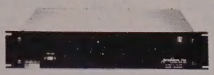
mm, Inc -L	AeroComm, Inc 50368F	AeroComm, Inc 50368FS-U
		
mable high-Q channelized ndpass filter. Frequency figuration.	Programmable high-Q channelized active bandpass filter. Fixed, TESSCO-tuned model. SPECIFY FREQUENCIES.	Programmable high-Q channelized active bandpass filter. Frequency agile configuration.
	Active	Active
8.99375, 932 - 932.49375 at 3dB 80 KHz at 60 dB s 5, 25 KHz	928 - 953 +15dBm 10 dB 40 KHz at 3dB 80 KHz at 60 dB 50 Ohms 6.25, 12.5, 25 KHz	941 - 941.49375 952 - 952.99375 +15dBm 10 dB 40 KHz at 3dB 80 KHz at 60 dB 50 Ohms 6.25, 12.5, 25 KHz
' x 3.5" C to +60 deg C Mount e DC, 115VAC	17" x 8 " x 3" 8.0 Lbs. -10 deg C to +60 deg C 19" Rack Mount . 24-78 VDC, 115VAC 1 Year	17" x 11" x 3.5" 8.0 Lbs. -10 deg C to +60 deg C 19" Rack Mount N Female 24-78 VDC, 115VAC 1 Year
0 $2,495.00 $2,495.00 $2,495.00	**59200** *Specify Frequency $1,995.00 $1,995.00 8 lb. $1,995.00 3.64 kg. $1,995.00	**72414** $2,495.00 $2,495.00 8 lb. $2,495.00 3.64 kg. $2,495.00

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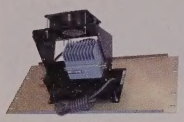
Ferrites, Isolators, Circulators [440-80]

If you are buying these, you may need:

Tool Kits, Complete . . . . . page 1523
Screws, Sheet Metal and TEK . . . . . page 1751
Spectrum Analyzers . . . . . page 1403

Isolators, Lowband/VHF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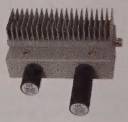
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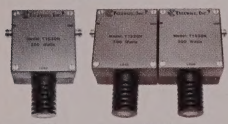
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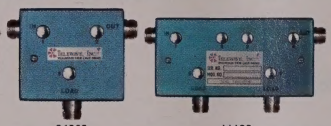
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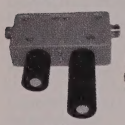

12426

13675

37605

Isolators offer a solution to transmitter produced intermodulation. A harmonic filter is also recommended.

Continuing product table (1 of 2)

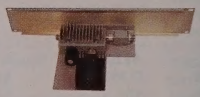
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Freq. Range (MHz) Bandwidth (MHz) Type	Insertion Loss(dB) Min. Isolation (dB) Connectors	Maximum Power (Watts) Max Reflected Power (Watts) Tuning Method	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
81774	RFS Celwave	66-88	1.08 dB	100	440.00	335.72
1 EACH	CC078-AA	1	50	30	3	330.00
	1 Year	Single	N Female	Factory tune	1.36	321.20
40501	EMR Corp.	88-108	0.75dB	100	1,245.00	961.14
1 EACH	FM87350/45H	N/A	70	100	2	949.94
	1 Year	Dual	N Female	Factory tune	0.91	933.75
53715	EMR Corp.	88-108	0.5 dB	150	1,130.00	872.36
1 EACH	FM7350/5AHF	1% of Center	35	150	5	862.19
	1 Year	Single	N Female	Factory tune	2.27	847.50
66929	EMR Corp.	88-108	0.5 dB	50	515.00	397.58
1 EACH	FM7340/4	N/A	35	50	2	392.95
	1 Year	Single	N Female	Factory tune	0.91	386.25
92108	EMR Corp.	88-108	0.75dB	100	1,070.00	826.04
1 EACH	FM8350/34H	N/A	70	100	2	816.41
	1 Year	Dual	N Female	Factory tune	0.91	802.50
27287	EMR Corp.	88-108	0.75dB	150	1,595.00	1,231.34
1 EACH	FM8350/45AHF	N/A	70	150	2	1,216.99
	1 Year	Dual	N Female	Factory tune	0.91	1,196.25
78894	EMR Corp.	88-108	0.75dB	150	1,490.00	1,150.28
1 EACH	FM8350/45HF	N/A	70	125	2	1,136.87
	1 Year	Dual	N Female	Factory tune	0.91	1,117.50
96385	Decibel Products	132-148	0.6 dB	150	725.00	553.18
1 EACH	DB4612-2A	6	70	60	4	543.75
	1 Year	Dual	N Female	Factory tune	1.82	540.13
49926	Sinclair	138-174	1.0	125	776.00	636.32
1 EACH	I-2213A	5	50	60	2	582.00
	2 Years	Dual	N Female	Factory tune	0.91	574.24
51175	Sinclair	138-174	0.6	125	488.00	400.16
1 EACH	I-2112T	5	25	30	1	366.00
	2 Years	Single	N Female	TESSCO/field	0.45	361.12
44778	Decibel Products	148-160	0.4 dB	150	395.00	301.39
1 EACH	DB4613-1A	4	30	30	2	296.25
	1 Year	Single	N Female	TESSCO/field	0.91	294.28
91203	Decibel Products	148-160	0.6 dB	150	794.00	605.83
1 EACH	DB4613-2A	6	70	60	4	595.50
	1 Year	Dual	N Female	TESSCO/field	1.82	591.53
22381	Telewave, Inc.	148-174	0.4 dB	300	1,233.00	974.07
1 EACH	T1530H	5	30	35	10	924.75
	1 Year	Single	N Female	Factory tune	4.54	912.42
51467	Telewave, Inc.	148-174	0.8 dB	300	2,915.00	2,361.15
1 EACH	T1560H	5	60	35	3	2,259.13
	1 Year	Dual	N Female	Factory tune	1.36	2,186.25

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Freq. Range (MHz) Bandwidth (MHz) Type	Insertion Loss(dB) Min. Isolation (dB) Connectors	Maximum Power (Watts) Max Reflected Power (Watts) Tuning Method	List ($) Wt. (lbs) Wgt. (kg.)
36302	Telewave, Inc.	150-160	0.4 dB	150	461.00
1 EACH	T1530	5	30	35	2
	1 Year	Single	N Female	TESSCO/field	0.91
11123	Telewave, Inc.	150-160	0.8 dB	150	904.00
1 EACH	T1560	5	60	35	3
	1 Year	Dual	N Female	TESSCO/field	1.36
12426	EMR Corp.	150-225	0.45	125	730.00
1 EACH	8450/34	10	70	60	4
	1 Year	Dual	N Female	Factory tune	1.82
13675	EMR Corp.	150-225	0.45	50	690.00
1 EACH	8440/34	10	70	60	4
	1 Year	Dual	N Female	Factory tune	1.82
37605	EMR Corp.	150-225	0.45	125	905.00
1 EACH	8450/35	10	70	125	4
	1 Year	Dual	N Female	Factory tune	1.82
450075	RFS Celwave	150.8-174	0.6 dB	125	545.00
1 EACH	CC160-AA	4	25	30	2
	1 Year	Single	N Female	Factory tune	0.91
456068	RFS Celwave	150.8-174	0.6 dB	125	395.00
1 EACH	CC160-B	4	25	60	2
	1 Year	Single	N Female	Factory tune	0.91
480073	RFS Celwave	150.8-174	0.6 dB	125	340.00
1 EACH	CC160-A	4	25	15	2
	1 Year	Single	N Female	Factory tune	0.91
17101	Decibel Products	160-174	0.4 dB	150	395.00
1 EACH	DB4614-1A	4	30	N/A	2
	1 Year	Single	N Female	Factory tune	0.91
55494	Decibel Products	160-174	0.6 dB	150	675.00
1 EACH	DB4614-2A	6	70	60	4
	1 Year	Dual	N Female	Factory tune	1.82

Intermodulation Panels, UHF

25115


63508

Solution to Tx intermo
tion. Includes isolator a
notch type harmonic fil
rack mount.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Freq. Range (MHz) Bandwidth (MHz) Type	Insertion Loss(dB) Min. Isolation (dB) Connectors	Maximum Power (Watts) Max Reflected Power (Watts) Tuning Method	List ($) Wt. (lbs) Wgt. (kg.)
25115	EMR Corp.	300-650	0.60	125	850.00
1 EACH	75524	3% of center	70	60	10
	2 Years	Dual	N Female	Factory tune	4.54
63508	EMR Corp.	300-650	0.60	150	910.00
1 EACH	75524A/H	3% of center	70	75	10
	2 Years	Dual	N Female	Factory tune	4.54
34413	Sinclair	406-512	0.9	125	1,166.00
1 EACH	PC-3213	12	50	60	7.1
	2 Years	Dual	N Female	Factory tune	3.23
32356	Telewave, Inc.	450-470	0.6	150	1,155.00
1 EACH	TS450PB1	5	75	50	5
	1 Year	Dual	N/f	TESSCO/field	2.27

Intermodulation Panels, UHF/800

11901

88687

Solution to Tx intermo
tion. Includes isolator a
notch type harmonic fil
rack mount.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Freq. Range (MHz) Bandwidth (MHz) Type	Insertion Loss(dB) Min. Isolation (dB) Connectors	Maximum Power (Watts) Max Reflected Power (Watts) Tuning Method	List ($) Wt. (lbs) Wgt. (kg.)
11901	EMR Corp.	650-1000	0.60	125	845.00
1 EACH	76524	3% of center	70	60	10
	2 Years	Dual	N Female	Factory tune	4.54
88687	EMR Corp.	650-1000	0.60	150	915.00
1 EACH	76524A/H	3% of center	70	75	10
	2 Years	Dual	N Female	Factory tune	4.54
72806	Sinclair	806-960	0.9	125	820.00
1 EACH	PC-4213	25	50	60	7.1
	2 Years	Dual	N Female	Factory tune	3.23
76926	Decibel Products	850-870	0.7	125	1,075.00
1 EACH	DB4742-213	20	70	100	7
	1 Year	Dual	N Female	Pretuned	3.18

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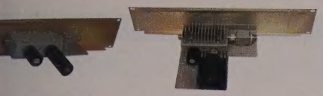
odulation Panels, VHF

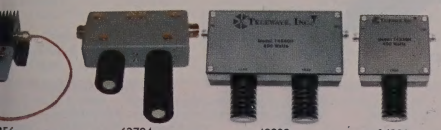


93683 89936

Solution to Tx intermodulation. Includes isolator and notch type harmonic filter. 19" rack mount.

Manufacturer Mfg. P/N Warranty	Freq. Range (MHz) Bandwidth (MHz) Type	Insertion Loss(dB) Min. Isolation (dB) Connectors	Maximum Power (Watts) Max Reflected Power (Watts) Tuning Method	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Sinclair PC-2213 2 Years	132-174 5 Dual	1.0 50 N Female	125 60 Factory tune	920.00 7.1 3.23	754.40 690.00 680.80
Telewave, Inc. TS150PB1 1 Year	132-174 5 Dual	0.9 75 N/f	150 50 Factory tune	1,155.00 5 2.27	912.45 866.25 854.70
Telewave, Inc. TS150PB1 1 Year	150-160 5 Dual	0.9 75 N/f	150 50 TESSCO/field	1,155.00 5 2.27	912.45 866.25 854.70
EMR Corp. 74524 2 Years	150-300 3% of center Dual	0.60 70 N Female	125 60 Factory tune	850.00 10 4.54	656.20 648.55 637.50
EMR Corp. 74524A/H 2 Years	150-300 3% of center Dual	0.60 70 N Female	150 75 Factory tune	910.00 10 4.54	702.52 694.33 682.50

s, UHF



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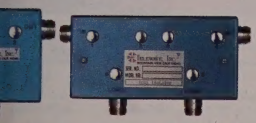


9 62730

Isolators offer a solution to transmitter produced intermodulation. A harmonic filter is also recommended.

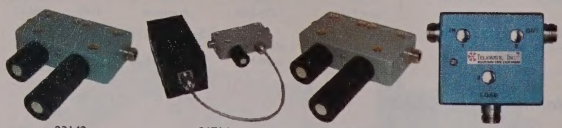
duct table (1 of 2)

Manufacturer Mfg. P/N Warranty	Freq. Range (MHz) Bandwidth (MHz) Type	Insertion Loss(dB) Min. Isolation (dB) Connectors	Maximum Power (Watts) Max Reflected Power (Watts) Tuning Method	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EMR Corp. 8550/34 1 Year	300-650 10 Dual	0.45 70 N Female	125 60 Factory tune	730.00 4 1.82	563.56 556.99 547.50
EMR Corp. 8550/35 1 Year	300-650 10 Dual	0.45 70 N Female	125 125 Factory tune	905.00 4 1.82	698.66 690.52 678.75
EMR Corp. 8540/34 1 Year	300-650 10 Dual	0.45 70 N Female	50 50 Factory tune	700.00 4 1.82	540.40 534.10 525.00
EMR Corp. 8560/00H 1 Year	300-650 10 Dual	0.45 70 N Female	250 Factory tune	1,105.00 4 1.82	853.06 843.12 828.75
RFS Celwave CD460-AA 1 Year	406-512 12 Dual	0.9 dB 50 N/female	125 30 Factory tune	620.00 1.5 0.68	473.06 465.00 452.60
Sinclair I-3112T 2 Years	406-512 12 Single	0.6 25 N Female	125 30 TESSCO/field	388.00 1 0.45	318.16 291.00 287.12
Sinclair I-3113T 2 Years	406-512 12 Single	0.6 25 N Female	125 30 TESSCO/field	432.00 2 0.91	354.24 324.00 319.68
Sinclair I-3213A 2 Years	406-512 12 Dual	0.9 50 N Female	125 60 Factory tune	892.00 2 0.91	731.44 669.00 660.08
RFS Celwave CC460-AA 1 Year	450-470 12 Single	0.5 25 N Female	125 30 TESSCO/field	430.00 1.08 0.49	326.80 322.50 320.35
Telewave, Inc. T4560H 1 Year	440-470 5 Dual	0.8 dB 60 N Female	400 35 Factory tune	1,155.00 3 1.36	912.45 866.25 854.70
Telewave, Inc. T4530H 1 Year	440-470 10 Single	0.5 30 N Female	400 35 Factory tune	602.00 2 0.91	475.58 451.50 445.48

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Freq. Range (MHz) Bandwidth (MHz) Type	Insertion Loss(dB) Min. Isolation (dB) Connectors	Maximum Power (Watts) Max Reflected Power (Watts) Tuning Method	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
92638 1 EACH	Decibel Products DB4632-2A 1 Year	450-470 8 Dual	0.5 70 N Female	150 60 TESSCO/field	695.00 4 1.82	530.29 521.25 517.78
33169 1 EACH	Telewave, Inc. T4530 1 Year	450-470 10 Single	0.5 30 N Female	150 35 TESSCO/field	461.00 2 0.91	373.41 357.28 345.75
42280 1 EACH	Decibel Products DB4632-1A 1 Year	450-512 6 Single	0.5 30 N Female	150 30 TESSCO/field	375.00 2 0.91	286.13 281.25 279.38
62730 1 EACH	Telewave, Inc. T4560 1 Year	440-490 10 Dual	0.8 dB 60 N/female	150 35 TESSCO/field	904.00 4 1.82	732.24 700.60 678.00

Isolators, 800-1000 MHz



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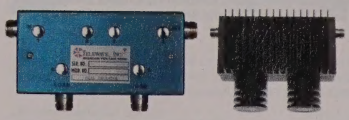

33351 43194

Isolators offer a solution to transmitter produced intermodulation. A harmonic filter is also recommended.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Freq. Range (MHz) Bandwidth (MHz) Type	Insertion Loss(dB) Min. Isolation (dB) Connectors	Maximum Power (Watts) Max Reflected Power (Watts) Tuning Method	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
23142 1 EACH	EMR Corp. 8640/34 1 Year	650-1000 10 Dual	0.40 70 N Female	50 50 Factory tune	710.00 4 1.82	548.12 541.73 532.50
86714 1 EACH	EMR Corp. 8650/35 1 Year	650-1000 10 Dual	0.40 70 N Female	125 125 Factory tune	915.00 4 1.82	706.38 698.15 686.25
99928 1 EACH	EMR Corp. 8650/34 1 Year	650-1000 10 Dual	0.40 70 N Female	125 60 Factory tune	735.00 4 1.82	567.42 560.81 551.25
11533 1 EACH	Sinclair I-4112A 2 Years	806-960 25 Single	0.4 25 N Female	125 30 Factory tune	380.00 1 0.45	311.60 285.00 281.20
36712 1 EACH	Sinclair I-4213A 2 Years	806-960 25 Dual	0.7 50 N Female	125 60 Factory tune	676.00 2 0.91	554.32 507.00 500.24
75105 1 EACH	Sinclair I-4224H 2 Years	806-960 30 Dual	0.7 50 N Female	200 150 Factory tune	1,216.00 2 0.91	997.12 912.00 899.84
66062 1 EACH	RFS Celwave CC870-AA 1 Year	806-1000 50 Single	0.5 25 N Female	150 30 Factory tune	345.00 3 1.36	263.24 258.75 251.85
63564 1 EACH	RFS Celwave CD870-AA 1 Year	806-1000 50 Dual	0.9 50 N Female	150 30 Factory tune	603.00 3 1.36	460.09 452.25 440.19
23088 1 EACH	Telewave, Inc. T8630 1 Year	851-866 10 Single	0.3 30 N Female	150 35 TESSCO/field	461.00 2 0.91	373.41 357.28 345.75
33351 1 EACH	Telewave, Inc. T-8660 N/F 1 Year	851-866 10 Dual	0.5 60 N Female	150 35 TESSCO/field	904.00 5 2.27	732.24 700.60 678.00
43194 1 EACH	Telewave, Inc. T8660H 1 Year	851-866 10 Dual	0.5 60 N Female	300 35 TESSCO/field	1,040.00 5 2.27	842.40 806.00 780.00

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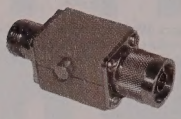
Harmonic Filters, VHF

Usually used with isolators. Notch type reject 2nd harmonic, low pass attenuates 2nd and 3rd.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Freq. Range (MHz) Bandwidth (MHz) Type	Insertion Loss(dB) Min. Isolation (dB) Connectors	Maximum Power (Watts) Max Reflected Power (Watts) Tuning Method	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
473152	Decibel Products	118-148	0.2	300	265.00	202.20
1 EACH	DB4331-A	30	60	N/A	1	198.75
	1 Year	Low Pass	N/M-N/F	Pretuned	0.45	197.43
477198	Decibel Products	148-174	0.2	300	495.00	377.69
1 EACH	DB4331-B	26	60	N/A	1	371.25
	1 Year	Low Pass	N/M-N/F	Pretuned	0.45	368.78
38711	RFS Celwave	136-174	0.1	350	120.00	91.20
1 EACH	AF150-T	N/A	40 @ 2nd	N/A	0.2	90.00
	1 Year	Notch	N/M-N/F	TESSCO/field	0.09	89.40

Harmonic Filters, UHF



Usually used with isolators. Notch type reject 2nd harmonic, low pass attenuates 2nd and 3rd.

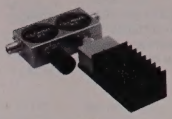
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Freq. Range (MHz) Bandwidth (MHz) Type	Insertion Loss(dB) Min. Isolation (dB) Connectors	Maximum Power (Watts) Max Reflected Power (Watts) Tuning Method	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
35163	RFS Celwave	406-512	0.1	350	132.00	100.32
1 EACH	AF460-T	N/A	40 @ 2nd	N/A	1	99.00
	1 Year	Notch	N/M-N/F	TESSCO/field	0.45	98.34
482154	Decibel Products	450-512	0.2	300	350.00	267.05
1 EACH	DB4332-B	62	60	N/A	1	262.50
	1 Year	Low Pass	N/M to N/F	Pretuned	0.45	260.75

Harmonic Filters, 800-1000 MHz

Usually used with isolators. Notch type reject 2nd harmonic, low pass attenuates 2nd and 3rd.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Freq. Range (MHz) Bandwidth (MHz) Type	Insertion Loss(dB) Min. Isolation (dB) Connectors	Maximum Power (Watts) Max Reflected Power (Watts) Tuning Method	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
24311	Decibel Products	806-850	0.2	300	150.00	114.45
1 EACH	DB4333-A	64	60	N/A	1	112.50
	1 Year	Low Pass	N/M to N/F	Pretuned	0.45	111.75
11097	Decibel Products	850-900	0.2	300	250.00	190.75
1 EACH	DB4333-B	64	60	N/A	1	187.50
	1 Year	Low Pass	N/M to N/F	Pretuned	0.45	186.25
79382	Decibel Products	900-960	0.2	300	250.00	190.75
1 EACH	DB4333-C	64	60	N/A	1	187.50
	1 Year	Low Pass	N/M to N/F	Pretuned	0.45	186.25

Circulators, Lowband/VHF

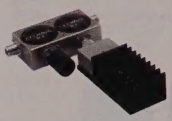


43381

Circulator offers a solution to transmitter produced interm tion. A harmonic filter is also recommended

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Freq. Range (MHz) Bandwidth (MHz) Type	Insertion Loss(dB) Min. Isolation (dB) Connectors	Maximum Power (Watts) Max Reflected Power (Watts) Tuning Method	List ($) Wt. (lbs) Wgt. (kg.)
43381	RFS Celwave	66-88	1.00 dB	100	375.00
1 EACH	CC078-0	1	Load Dependent	No loads incl.	1
	1 Year	Single	N Female	Factory tune	0.45
78027	RFS Celwave	66-88	1.8 dB	100	650.00
1 EACH	CD078-0	1	Load Dependent	No loads incl.	2
	1 Year	Dual	N Female	Factory tune	0.91
15322	EMR Corp.	88-108	0.5 dB	150	930.00
1 EACH	FM7350/4HF	N/A	35	150	2
	1 Year	N/A	N Female	Factory tune	0.91

Circulators, UHF

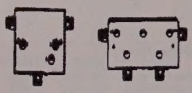


67311

Circulators are used to solve intermod problems. Unlike iso no loads are included.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Freq. Range (MHz) Bandwidth (MHz) Type	Insertion Loss(dB) Min. Isolation (dB) Connectors	Maximum Power (Watts) Max Reflected Power (Watts) Tuning Method	List ($) Wt. (lbs) Wgt. (kg.)
67311	RFS Celwave	406-512	0.5	125	324.45
1 EACH	CC460-0	12	Load Dependent	No loads incl.	0.9
	1 Year	Single	N Female	Factory tune	0.41

Circulators, 800-1000 MHz



21123

Circulators are used to solve intermod problems. Unlik tors, no loads are included.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Freq. Range (MHz) Bandwidth (MHz) Type	Insertion Loss(dB) Min. Isolation (dB) Connectors	Maximum Power (Watts) Max Reflected Power (Watts) Tuning Method	List ($) Wt. (lbs) Wgt. (kg.)
21123	Decibel Products	850-960	0.5	125	395.00
1 EACH	ACJ2802J2	110	50	N/A	1
	1 Year	Dual	N Female	Pretuned	0.45
77315	Decibel Products	928-960	0.3	350	465.00
1 EACH	DB4345C-C	32	30	No loads incl.	10
	1 Year	Single	N Female	Factory tune	4.54

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Matchers, Cross Band Couplers [440-85]

you are buying these, you may need:

ver Meters. . . . . .page 1421

and Couplers

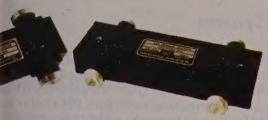
39053

25839

Crossband couplers allow two transceivers to be connected to a single feedline. Another coupler at the top will separate the signals and direct them to the two antennas. Rugged enclosure. 0.3 dB typical insertion loss. SPECIFY 10 MHZ PASSBAND FOR UHF AND 800.

Manufacturer Mfg. P/N Warranty	Low Frequency High Frequency	Maximum Power (Watts) Size	Connector 1 Connector 2	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Telewave, Inc. TS1545 1 Year	132-174 440-520	400 3.75" x 2.14" x 1.14"	N Female N Female	281.00 0.3 0.14	221.99 210.75 207.94
Telewave, Inc. TS1580 1 Year	132-174 806-870	400 3.75" x 2.14" x 1.14"	N Female N Female	281.00 0.3 0.14	221.99 210.75 207.94
Telewave, Inc. TS1590 1 Year	132-174 870-970	400 3.75" x 2.14" x 1.14"	N Female N Female	281.00 0.3 0.14	221.99 210.75 207.94
Decibel Products DB4337 1 Year	150-174 450-512	100W 4.0x2.0x2.0	N Female N Female	330.00 1 0.45	251.79 247.50 245.85
EMR Corp. 6052/CGK-E 1 Year	118-138 406-512	125 Watts 3.75" x 2.14" x 1.14"	N Female N Female	430.00 1 0.45	331.96 328.09 322.50
Telewave, Inc. TS4680 1 Year	455-506 806-870	400 6.5x1.5x1.0	N Female N Female	281.00 1 0.45	221.99 210.75 207.94
Telewave, Inc. TS4680-7/16 1 Year	412-512 806-906	400 6.5x1.5x1.0	N Female N Female	373.00 2 0.91	294.67 279.75 276.02
EMR Corp. 6052/CHS-E 1 Year	138-174 806-960	125 Watts 3.75" x 2.14" x 1.14"	N Female N Female	430.00 1 0.45	331.96 328.09 322.50
EMR Corp. 6052/CKS-E 1 Year	406-512 806-960	125 Watts 3.75" x 2.14" x 1.14"	N Female N Female	430.00 1 0.45	331.96 328.09 322.50
Scala Electronic Corp. KC1009	800-1000MHz 1700-2000MHz	150 Watts 2x5x11	N Female N Female	261.00 5 2.27	305.00 305.00 305.00

brid Coupler



26

58398

Hybrid couplers designed to combine two wireless carriers to a single antenna feed or distribution cable. This requires the termination of one output port in 50 Ohm and results in a 3dB loss in each signal. In situations where two simiar feeds are required, both outputs may be used eliminatating the need for a termination and the 3dB loss.

- t isolation
- led
- Indoor/Outdoor applications
- PIM < -140dBc

Manufacturer Mfg. P/N Warranty	Low Frequency High Frequency	Maximum Power (Watts) Size	Connector 1 Connector 2	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Microlab/FXR CA-44D 1 Year	800 2200	120 5.5 x 4.9 x 1.6	7/16 DIN Female 7/16 DIN Female	320.00 1 0.45	318.40 317.44 316.80
Microlab/FXR CA-44N 1 Year	800 2200	120 5.5 x 3.2 x .9	N Female N Female	225.00 1 0.45	223.88 223.20 222.75

6dB Directional Coupler

58473

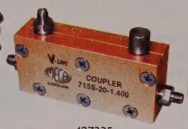
Directional couplers designed to operate in the Cellular and PCS bands. Each unit couples off a defined fraction of a high power cellular signal with minimal loss. The wide frequency range allows use with multiband antennas and leaky cable systems.

- Air Line coupler for low loss
- 6 dB directional coupler or 20%:80% Unequal splitter
- Loss <0.1 dB
- PIM < -140 dBc
- Weather Sealed construction

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Low Frequency High Frequency	Maximum Power (Watts) Size	Connector 1 Connector 2	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
58473 1 EACH	Microlab/FXR CK-46N 1 Year	806-960 1710-2200	200 5.4 x 2.75 x .75	N Female N Female	165.00 0.86 0.39	164.18 163.68 163.35

10dB Directional Coupler

453095



427335

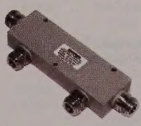
58502

Directional couplers designed to operate in the Cellular and PCS bands. Each unit couples off a defined fraction of a high power cellular signal with minimal loss. The wide frequency range allows use with multiband antennas and leaky cable systems.

- Air Line coupler for low loss
- 10 dB directional coupler or 20%:80% Unequal splitter
- Loss <0.1 dB
- PIM < -140 dBc
- Weather Sealed construction

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Low Frequency High Frequency	Maximum Power (Watts) Size	Connector 1 Connector 2	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
453095 1 EACH	Bird Electronics 50-AC-FFA-10 1 Year	500 - 1000MHz	50 Watts 3.61" x 0.42"	SMA/Female SMA/Female	175.00 10 4.54	175.00 175.00 175.00
NEW **417329** 1 EACH	MECA Electronics Inc. 715-10-1.400	800-2000 MHz 800-2000 MHz	100 4"L x 2.25"W x 0.88"H	N Female N Female	150.00 0.52 0.24	142.50 138.00 135.00
NEW **427335** 1 EACH	MECA Electronics Inc. 715S-10-1.400	800MHz 2000 MHz	100 4"L x 2.25"W x 0.88"H	SMA/Female SMA/Female	150.00 0.52 0.24	142.50 138.00 135.00
58502 1 EACH	Microlab/FXR CK-47N 1 Year	806-960 1710-2200	200 5.4 x 2.75 x .75	N Female N Female	165.00 0.9 0.41	164.18 163.68 163.35

20dB Directional Coupler



435079

446307

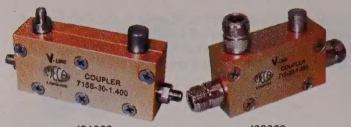
460301

Directional couplers designed to operate in the Cellular and PCS bands. Each unit couples off a defined fraction of a high power cellular signal with minimal loss. The wide frequency range allows use with multiband antennas and leaky cable systems

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Low Frequency High Frequency	Maximum Power (Watts) Size	Connector 1 Connector 2	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
435079 1 EACH	Bird Electronics 100-AC-FFN-20 1 Year	500 - 1000MHz	100 Watts	N Female N Female	195.00 20 9.09	195.00 195.00 195.00
NEW **446307** 1 EACH	MECA Electronics Inc. 715-20-1.400	800-2000 MHz 800-2000 MHz	500 4"L x 2.25"W x 0.88"H	N Female N Female	150.00 0.52 0.24	142.50 138.00 135.00
NEW **460301** 1 EACH	MECA Electronics Inc. 715S-20-1.400	800 MHz 2000 MHz	500 4"L x 2.25"W x 0.88"H	SMA/Female SMA/Female	150.00 0.52 0.24	142.50 138.00 135.00

ights reserved.

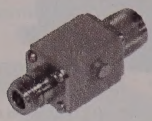
30dB Directional Coupler



421309 422382

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Low Frequency High Frequency	Maximum Power (Watts) Size	Connector 1 Connector 2	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 421309 1 EACH	MECA Electronics Inc. 715S-30-1.400	800 MHz 2000 MHz	500 4"L x 2.25"W x 0.88"H	SMA/Female SMA/Female	150.00 0.52 0.24	142.50 138.00 135.00
NEW 422382 1 EACH	MECA Electronics Inc. 715-30-1.400	800-2000 MHz 800-2000 MHz	500 4"L x 2.25"W x 0.88"H	N Female N Female	150.00 0.52 0.24	142.50 138.00 135.00

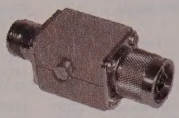
Harmonic Filters, VHF



Usually used with isolators. Notch type reject 2nd harmonic, low pass attenuates 2nd and 3rd order harmonics.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Low Frequency High Frequency	Maximum Power (Watts) Size	Connector 1 Connector 2	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
90859 1 EACH	EMR Corp. FM6350/S 1 Year	88-108 108	150 N/A	N Male In N Female Out	95.00 1 0.45	73.34 72.49 71.25

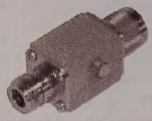
Harmonic Filters, UHF



Usually used with isolators. Notch type reject 2nd harmonic, low pass attenuates 2nd and 3rd order harmonics.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Low Frequency High Frequency	Maximum Power (Watts) Size	Connector 1 Connector 2	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
39252 1 EACH	EMR Corp. FM6550/S 1 Year	450-456 456	250 N/A	N Male In N Female Out	85.00 1 0.45	65.62 64.86 63.75

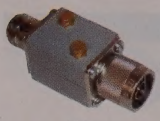
Harmonic Filters, 800-1000



Usually used with isolators. Notch type reject 2nd harmonic, low pass attenuates 2nd and 3rd order harmonics.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Low Frequency High Frequency	Maximum Power (Watts) Size	Connector 1 Connector 2	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
77645 1 EACH	EMR Corp. FM6650/S 1 Year	944-960 960	150 N/A	N Male In N Female Out	85.00 1 0.45	65.62 64.86 63.75

Impedance Matchers

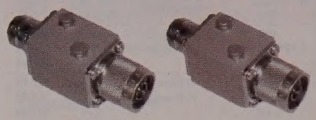


Impedance matchers allow transmitters to operate at maxim ciency. Commonly inserted between a transmitter and load s antenna or filter.

14073

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Low Frequency High Frequency	Maximum Power (Watts) Size	Connector 1 Connector 2	List ($) Wt. (lbs) Wgt. (kg.)
14073 1 EACH	EMR Corp. FM6550/Z 1 Year	450-456 456	250 1.4x2.3x1.2	N Male In N Female Out	90.00 1 0.45

Impedance Matchers



Impedance matchers allow transmi operate at maximum efficiency. Co inserted between a transmitter and such as an antenna or filter.

65680 52466

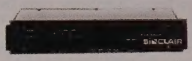
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Low Frequency High Frequency	Maximum Power (Watts) Size	Connector 1 Connector 2	List ($) Wt. (lbs) Wgt. (kg.)
65680 1 EACH	EMR Corp. FM6350/Z 1 Year	88-108 108	150 1.4x2.3x1.2	N Male In N Female Out	95.00 1 0.45
69699 1 EACH	Telewave, Inc. TZM150 1 Year	148-174	400 W N/A	N Male N Female	123.00 0.35 0.16
18092 1 EACH	Telewave, Inc. TZM450 1 Year	408-512	400 N/A	N Male N Female	123.00 0.35 0.16
32134 1 EACH	Telewave, Inc. TZM800 1 Year	806-960	400 N/A	N Male N Female	123.00 0.35 0.16
52466 1 EACH	EMR Corp. FM6650/Z 1 Year	944-960 960	150 1.4x2.3x1.2	N Male In N Female In	90.00 1 0.45

Site Monitors / Accessories [440-94]

If you are buying these, you may need:

Power Meters . . . . . page

Power Sensors for Monitor Systems



The Sinclair "PM" series sensors are designed for use AMV-6A monitor/alarm systems (shown here). PM s are designed for better than 10% accuracy for both f and reflected measurements. Each PM sensor include 10' cables for connector to a AMV-6A.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Connector Output Connector	No. of Channels/Freq./Power Sensor Connectors	List ($) Wt. (lbs) Wgt. (kg.)
34662 1 EACH	Sinclair PM-206 1 Year	N Female N Male	1 ch./ 138-174 MHz BNC Female	252.00 0.7 0.32
73055 1 EACH	Sinclair PM-306 1 Year	N Female N Male	1 ch./ 406-512 MHz BNC Female	252.00 0.7 0.32
21448 1 EACH	Sinclair PM-406 1 Year	N Female N Male	1 ch./ 806-960 MHz BNC Female	252.00 0.7 0.32

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te Monitoring Interface

98234

Reduce site operating costs and subscriber frustration by attending to site RF power problems the moment they emerge. Sinclair's Remote Monitoring Interface provides immediate notification of faults detected by the AMV-6A monitor via telephone, pager or remote computer. The RMI also allows for control pf the AMV-6A monitor from a remote location making it an ideal system for distant or difficult to access sites.

Manufacturer Mfg. P/N Warranty	Input Connector Output Connector	No. of Channels/Freq./Power Sensor Connectors	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Sinclair AMV-RMI 1 Year	DB9, RS232 RJ11 w/modem	48 ch. from 8 AMV-6A's	636.00 8 3.64	521.52 477.00 470.64

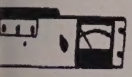
ve Wattmeter/Tx Keying Panel

16119

Panel displays forward or reflected power for up to twelve channels, generally 10 Tx and 2 antennas. Direction, scale and channel selection are chosen using front panel switches. Each transmitter can be keyed from panel. 50 uA display, 19" rack mount. Transmitter keying circuit connects to panel via screw terminals. For power measurements, a separately purchased PM1A/PM2A power monitor must be added to any coax to be monitored. Cables with phono plugs run from panel to each monitor. Field adjustment is required.

Manufacturer Mfg. P/N Warranty	Input Connector Output Connector	No. of Channels/Freq./Power Sensor Connectors	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Telewave, Inc. PM10C2S 1 Year	None None	12 Ch. RCA/f	692.00 5.49 2.5	546.68 519.00 512.08

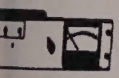
omatic Alarm Panel



Panel senses low power or high VSWR and triggers alarm condition. Also performs wattmeter function. Once sensing alarm situation, one of two latch relays are switched, and lamps lit. High VSWR alarm condition is adjustable within 25% of a 2:1 match. Low power condition can be set from 5W to full scale. Forward and reflected power are shown on W meter. Direction, channel, and reset switch are on front panel. 19" rack mount, Vdc powered. Includes one PM2 power monitor with N/F connectors.

Manufacturer Mfg. P/N Warranty	Input Connector Output Connector	No. of Channels/Freq./Power Sensor Connectors	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Telewave, Inc. PM1C1S-50 5 Years	N Female N Female	1 Ch. at 33-88 MHz RCA/f	963.00 3 1.36	760.77 722.25 712.62
Telewave, Inc. PM1C1S-300 5 Years	N Female N Female	1 Ch. at 118-512 MHz RCA/f	963.00 3 1.36	760.77 722.25 712.62
Telewave, Inc. PM1C1S-900 5 Years	N Female N Female	1 Ch. at 800-960 MHz RCA/f	963.00 3 1.36	760.77 722.25 712.62

matic Alarm Panel w/Wattmeter

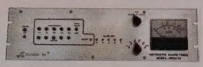


39972

Same as above but with a 250 watt meter for measuring forward and reflected power.

Manufacturer Mfg. P/N Warranty	Input Connector Output Connector	No. of Channels/Freq./Power Sensor Connectors	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Telewave, Inc. PM1C1S-50 5 Years	N Female N Female	1 Ch. at 800-960 MHz RCA/f	963.00 3 1.36	760.77 722.25 712.62
Telewave, Inc. PM1C1S-300 5 Years	N Female N Female	1 Ch. at 118-512 MHz RCA/f	963.00 3 1.36	760.77 722.25 712.62
Telewave, Inc. PM1C1S-900 5 Years	N Female N Female	1 Ch. at 806-960MHZ RCA/f	963.00 3 1.36	760.77 722.25 712.62

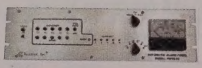
RF Automatic Alarm Panel



Panel senses low power or high VSWR and triggers alarm condition. Also performs wattmeter function. Once sensing alarm situation, one of two latch relays are switched, and lamps lit. High VSWR alarm condition is adjustable within 25% of a 2:1 match. Low power alarm can be set from 5W to full scale. Forward/refl. power shown on 50 uA, 400W meter. Direction, channel and reset switch are on front panel. 19" rack mt. 120Vac/12Vdc powered. Antenna power sensor with N/f conns. included. Purchase 5 Tx monitors separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Connector Output Connector	No. of Channels/Freq./Power Sensor Connectors	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
28978 1 EACH	Telewave, Inc. PM5C1S-50 5 Years	N Female N Female	5 Ch. at 33-88 MHz RCA/f	1,819.00 4.5 2.05	1,437.01 1,364.25 1,346.06
67371 1 EACH	Telewave, Inc. PM5C1S-300 5 Years	N Female N Female	5 Ch. at 118-512 MHz RCA/f	1,819.00 4.5 2.05	1,437.01 1,364.25 1,346.06
15764 1 EACH	Telewave, Inc. PM5C1S-900 5 Years	N Female N Female	5 Ch. at 806-960 MHz RCA/f	1,819.00 4.5 2.05	1,437.01 1,364.25 1,346.06

RF Automatic Alarm Panel w/Wattmeter



Same as above but with a 250 watt meter for measuring forward and reflected power. Purchase 5 Tx. Monitors separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Connector Output Connector	No. of Channels/Freq./Power Sensor Connectors	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
26758 1 EACH	Telewave, Inc. PM5C1S-50 5 Years	N Female N Female	5 Ch. at 33-88 MHz RCA/f	1,819.00 4.5 2.05	1,437.01 1,364.25 1,346.06
65151 1 EACH	Telewave, Inc. PM5C1S-300 5 Years	N Female N Female	5 Ch. at 118-512 MHz RCA/f	1,819.00 4.5 2.05	1,437.01 1,364.25 1,346.06
13544 1 EACH	Telewave, Inc. PM5C1S-900 5 Years	N Female N Female	5 Ch. at 806-960 MHz RCA/f	1,819.00 4.5 2.05	1,437.01 1,364.25 1,346.06

Power Monitors for Alarm Panels

41298

Bidirectional power monitor for use with Telewave panels. Connects to line one wishes to monitor. Detector sends information to panel via separate cables terminated with phono plugs. 0.1 dB insertion loss, 1.1:1 VSWR, 1000W power rated, 50 uA drive. Must be field adjusted when installed. RCA terminated cables not included.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Connector Output Connector	No. of Channels/Freq./Power Sensor Connectors	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
66477 1 EACH	Telewave, Inc. PM-2A-50 1 Year	N Female N Female	30-88 MHz RCA/f	107.00 0.29 0.13	84.53 80.25 79.18
41298 1 EACH	Telewave, Inc. PM-2A-300 1 Year	N Female N Female	118-512 MHz RCA/f	107.00 0.41 0.19	84.53 80.25 79.18
47488 1 EACH	Telewave, Inc. PM2A300NM/NF 1 Year	N Male N Female	118-512 MHz RCA/f	107.00 0.41 0.19	84.53 80.25 79.18
62531 1 EACH	Telewave, Inc. PM-2A-900 1 Year	N Female N Female	806-960 MHz RCA/f	130.00 0.42 0.19	102.70 97.50 96.20
14870 1 EACH	Telewave, Inc. PM-2A-900 1 Year	BNC Female BNC Female	806-960 MHz RCA/f	130.00 0.43 0.2	102.70 97.50 96.20
19045 1 EACH	Telewave, Inc. PM-2A-900 1 Year	N Male N Male	806-960 MHz RCA/f	130.00 0.42 0.19	102.70 97.50 96.20

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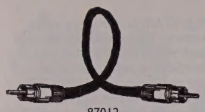
Cables for Telewave Power Monitors

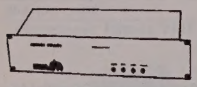


87012

Cables connect Telewave PM series power monitors to their wattmeter and alarm panels. Terminated on both sides with RCA (phono) plugs.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Connector Output Connector	No. of Channels/Freq./Power Sensor Connectors	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
87012	Telewave, Inc.	RCA Male	6' length	9.00	7.11
1 EACH	CBL02	RCA Male	RCA	0.1	6.75
	1 Year			0.05	6.66
73798	Telewave, Inc.	RCA Male	12' length	9.00	7.11
1 EACH	CBL03	RCA Male	RCA	0.22	6.75
	1 Year			0.1	6.66

Sentry Remote Site Monitor

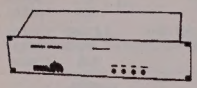


64436

Modular unit for the control and monitoring of site systems. Microprocessor controlled monitor provides one four port analog-to-digital (A/D) card. Each port provides 4 analog inputs, 2 digital inputs, 1 relay driver and output, and a pair of audio pass inputs. Total of 16 analog and 8 digital inputs. Includes power supply. Expandable to 64 analog and 48 digital inputs. 19" rack mount. Use with Decibel RF power sensors.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Connector Output Connector	No. of Channels/Freq./Power Sensor Connectors	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
64436	Decibel Products	None	VDT card for on-site comm.	4,950.00	3,821.40
1 EACH	DB8860-A	None	"D"/RCA	7	3,776.85
	1 Year			3.18	3,712.50

Sentry Remote Site Monitor



60423

Modular unit for the control and monitoring of site systems. Microprocessor controlled monitor provides one four port analog-to-digital inputs, 1 relay driver and output, and a pair of audio pass inputs. Total of 16 analog and 8 digital inputs. Includes power supply. Expandable to 64 analog and 48 digital inputs. 19" rack mount. Use with Decibel RF power sensors.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Connector Output Connector	No. of Channels/Freq./Power Sensor Connectors	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
60423	Decibel Products	None	VDT card, modem	6,385.00	4,929.22
1 EACH	DB8860BV	None	RCA	7	4,871.76
	1 Year			3.18	4,788.75

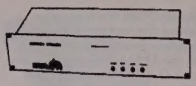
Power Sensors for Decibel Sentry

49973

Bidirectional

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Connector Output Connector	No. of Channels/Freq./Power Sensor Connectors	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
47810	Decibel Products	N Female	100-325 MHz, 350W	225.00	173.70
1 EACH	DB8885A-100	N Male	RCA	2.45	171.68
	1 Year			1.11	168.75
75152	Decibel Products	N Female	100-325 MHz, 350W	225.00	173.70
1 EACH	DB8885-A350	N Male	RCA	1	171.68
	1 Year			0.45	168.75
66700	Decibel Products	N Female	100-325 MHz, 1000W	225.00	173.70
1 EACH	DB8885A-1000	N Male	RCA/f	1.5	171.68
	1 Year			0.68	168.75
21526	Decibel Products	N Female	450-1000 MHz, 350W	195.00	150.54
1 EACH	DB8881A-350	N Male	RCA	2	148.79
	1 Year			0.91	146.25
88366	Decibel Products	N Female	450-1000 MHz, 350W	225.00	173.70
1 EACH	DB8882-A350	N Male	RCA	1	171.68
	1 Year			0.45	168.75
49973	Decibel Products	N Female	450-1000 MHz, 1000W	225.00	173.70
1 EACH	DB8882-A1000	N Male	RCA	1	171.68
	1 Year			0.45	168.75

Accessories to Sentry Site Monitor



12829

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Connector Output Connector	No. of Channels/Freq./Power Sensor Connectors	List ($) Wt. (lbs) Wgt. (kg.)
12829	Decibel Products	N/A	Battery backup for Sentry	450.00
1 EACH	DB8864	N/A	N/A	1
	1 Year			0.45
51222	Decibel Products	N/A	Modem for Sentry	1,100.00
1 EACH	DB8869-MODEM	N/A	N/A	1
	1 Year			0.45
76401	Decibel Products	25 pin	3' shielded cable (25 pin)	130.00
1 EACH	DB8869-SL3	25 pin	N/A	1
	1 Year			0.45
89615	Decibel Products	N/A	Input A/D card- Sentry	900.00
1 EACH	DB8869-AD14	N/A	N/A	0.5
	1 Year			0.23

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Tower Top Amplifiers

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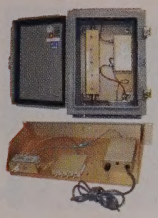
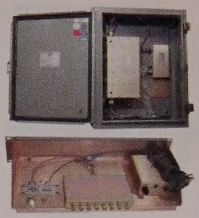
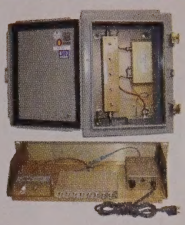
-65]

	EMR Corp. 961041P5CH	EMR Corp. 951081/DP5	RFS Celwave RMC800-12K	EMR Corp. 961081P5CH
				
Narrative	High performance Tower top receiver multicoupler 1/2 amp power supply, preselector, amplifier, DC pickoff with lightning protection aluminum NEMA enclosure and hardware.	Dual Pass Hi Performance TT receiver multicoupler 1/2 amp power supply, preselector, amplifier, DC pickoff with lightning protection aluminum NEMA enclosure and hardware.	Tower top preamplifier w/ rack mount 12-channel multicoupler and power supply. Dual stage, redundant tower design. Multi-stage lightning protection. Weatherproof.	High performance Tower top receiver multicoupler 1/2 amp power supply, preselector, amplifier, DC pickoff with lightning protection aluminum NEMA enclosure and hardware.
n	TT Amp w/Multicoupler 800 Rx Multicoupler	TT Amp w/Multicoupler UHF Rx Multicoupler	TT Amp w/Multicoupler 800 MHz SMR	TT Amp w/Multicoupler 800 Rx Multicoupler
Multicoupler	3-4 Rx chan.	5-8 Rx chan.	12 channel	5-8 Rx chan.
Redundant	Ampl. Bypass	Ampl. Bypass	Ampl. Bypass	Ampl. Bypass
Preselector	Helical	Helical	Helical	Helical
Alarm?	No	No	No	No
eq. (MHz)	806-894	300-512	806-824 MHz	806-894
(MHz)	3-15 MHz	3-4 MHz	18 MHz	3-15 MHz
	30.0 dB	23.0 dB	30.4 dB	30.0 dB
re	4.0db	4.6 dB	4.5 dB	4.0dB
Intercept (dBm)	+37 dBm	+40 dBm	+34 dBm	+37 dBm
mpression Point (dBm)	+19 dBm	+21 dBm	N/A	+19 dBm
Intermodulation	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A
ss	N/A	N/A	N/A	N/A
Power-Tx	N/A	N/A	N/A	N/A
Power-Rx	N/A	N/A	N/A	N/A
50 ohm	1.5:1	1.5:1	1.5:1	1.5:1
Out of Band	> 70 dB	> 70 dB	> 70 dB	> 70 dB
rce -Type	115 VAC	115 VAC	120 VAC	115 VAC
rce -Feed	1/2 amp P.S.	1/2 amp P.S.	On coax	1/2 amp P.S.
rce -Connector	N/A	N/A	N/A	N/A
rot. -RF Path	Multistage	Multistage	Gas tube	Multistage
rot. -DC Path	Multistage	Multistage	MOV/filter	Multistage
	3.5"x19"x10"	3.5"x19"x10"	10"x12"x5"	3.5"x19"x10"
	N/A	N/A	19"x3.5"x10"	N/A
ge deg-C	-30 to +60	-30 to +60	-40 to +70	-30 to +60
(In)	N Female	N Female	N Female	N Female
(Out)	BNC Female	BNC Female	BNC Female	BNC Female
	Round leg	Round leg	Round leg	Round leg
	1 Year	1 Year	1 Year	1 Year
Part No.	**16571** *Specify Frequency	**29785** *Specify Frequency	**51074**	**68178** *Specify Frequency
T-1 Price:	$3,010.00 $2,323.72	$4,005.00 $3,091.86	$4,990.00 $3,807.37	$3,180.00 $2,454.96
T-2 Price:	30 lb. $2,296.63	30 lb. $3,055.82	30 lb. $3,742.50	30 lb. $2,426.34
T-3 Price:	13.64 kg. $2,257.50	13.64 kg. $3,003.75	13.64 kg. $3,642.70	13.64 kg. $2,385.00

Amplifiers and Filters

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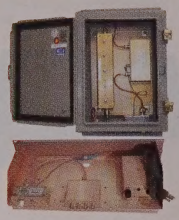
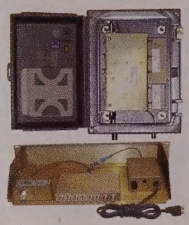
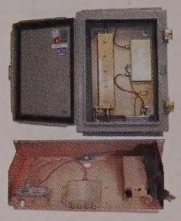
Tower-Top Amplifiers [441-65]

Manufacturer Table	EMR Corp. 961041/P5C	EMR Corp. 951081/P5	EMR Corp. 95104-1/P-5	RFS Celwave RMC800-24K
				
Product Narrative	High performance Tower top receiver multicoupler 1/2 amp power supply, preselector, amplifier, DC pickoff with lightning protection aluminum NEMA enclosure and hardware.	High performance Tower top receiver multicoupler 1/2 amp power supply, preselector, amplifier, DC pickoff with lightning protection aluminum NEMA enclosure and hardware.	High performance Tower top receiver multicoupler 1/2 amp power supply, preselector, amplifier, DC pickoff with lightning protection aluminum NEMA enclosure and hardware.	Tower top preamplifier w/ mount 24-channel multico power supply. Dual stage. dant tower design. Multi-s ning protection. Weatherp
Type Application	TT Amp w/Multicoupler 800 Rx Multicoupler	TT Amp w/Multicoupler UHF Rx Multicoupler	TT Amp w/Multicoupler UHF Rx Multicoupler	TT Amp w/Multicoupler 800 MHz SMR
Features -Multicoupler Features -Redundant Features -Preselector Features -Alarm?	3-4 Rx chan. Ampl. Bypass Helical No	5-8 Rx chan. Ampl. Bypass Helical No	3-4 Rx channe Ampl. Bypass Helical No	24 channel Ampl. Bypass Helical No
Specific Freq. (MHz) Bandwidth (MHz) Gain (Rx) Noise Figure 3rd Order Intercept (dBm) 1 dBm Compression Point (dBm) 3rd Order Intermodulation	806-894 3-15 MHz 19.0 dB N/A +38 dBm +20 dBm N/A	300-512 3-10 MHz 23.0 dB N/A +40 dBm +21 dBm N/A	300-512 3-10 MHz 23.0 dB N/A N/A N/A N/A	806-824 18 MHz 26.7 dB 4.5 dB +34 dBm N/A N/A
Loss-Tx Loss-Bypass Maximum Power-Tx Maximum Power-Rx VSWR @ 50 ohm Rejection -Out of Band	N/A N/A N/A N/A 1.5:1 > 70 dB	N/A N/A N/A N/A 1.5:1 > 70 dB	N/A N/A N/A N/A 1.5:1 > 70 dB	N/A N/A N/A N/A N/A > 70 dB
Power Source -Type Power Source -Feed Power Source -Connector Lightning Prot. -RF Path Lightning Prot. -DC Path	115 VAC 1/2 amp P.S. N/A Multistage Multistage	115 VAC 1/2 amp P.S. N/A Multistage Multistage	115 VAC 1/2 amp P.S. N/A Gas tube DC pick-off	120 VAC On coax N/A Gas tube MOV/filter
Size (Top) Size (Base) temp. Range deg-C Connector (In) Connector (Out) Mounting Warranty	3.5"x19"x10" N/A -30 to +60 N Female BNC Female Round leg 1 Year	3.5"x19"x10" N/A -30 to +60 N Female BNC Female Round leg 1 Year	3.5"x19"x10" N/A -40 to +70 N Female BNC Female Round leg 1 Year	10"x12"x5" 19"x3.5"x10" -40 to +70 N Female BNC Female Round leg 1 Year
TESSCO Part No.	**81392** *Specify Frequency	**94606** *Specify Frequency	**69427** *Specify Frequency	**62955**
List Price: T-1 Price:	$2,870.00 $2,215.64	$2,995.00 $2,312.14	$2,825.00 $2,180.90	$5,530.00 $4,2
Ship lb.: T-2 Price:	30 lb. $2,189.81	30 lb. $2,285.19	30 lb. $2,155.48	35 lb. $4,1
Ship kg.: T-3 Price:	13.64 kg. $2,152.50	13.64 kg. $2,246.25	13.64 kg. $2,118.75	15.91 kg. $4,0

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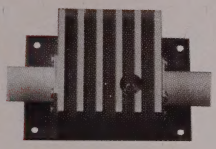
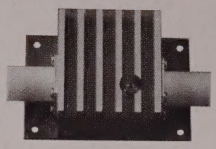
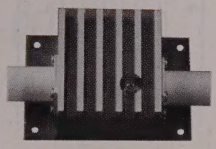
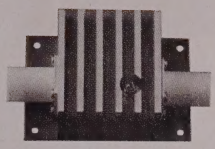
Tower Top Amplifiers

amplifiers
1-67]

turer	Telewave, Inc. TLA860-12	Telewave, Inc. TLA860-12	Telewave, Inc. TLA150-12	Telewave, Inc. TLA150-12
				
Narrative	Compact preamplifier. Bipolar design. Housed in shielded aluminum enclosure. Can be special ordered with any gain from 8-20 dB, and frequency from 806-960 (Use sku number 32725).	Compact preamplifier. Bipolar design. Housed in shielded aluminum enclosure. Can be special ordered with any gain from 8-20 dB, and frequency from 806-960 (Use sku number 32725).	Compact preamplifier. Bipolar design. Housed in shielded aluminum enclosure. Can be special ordered with any gain from 8-25 dB (use sku number 84332).	Compact preamplifier. Bipolar design. Housed in shielded aluminum enclosure. Can be special ordered with any gain from 8-25 dB (use sku number 84332).
	Preamplifier, In-Line	Preamplifier, In-Line	Preamplifier, In-Line	Preamplifier, In-Line
Freq. (MHz)	806-960	806-960	132-174	132-174
Freq. (MHz)	851-869	806-825	132-174	132-174
th (MHz)	50	50	50	50
)	15	15	15	25
tor Type	None	None	None	None
gure	2.5	2.5	2.5	2.5
er Intercept	35	35	35	35
ource	12-18 Vdc	12-18 Vdc	12-18 Vdc	12-18 Vdc
)	None	None	None	None
e)	3.5 x 1.2 x 2.8	3.5 x 1.2 x 2.8	3.5 x 1.2 x 2.8	3.5 x 1.2 x 2.8
nge deg-C	-30 to +40	-30 to +40	-30 to +40	-30 to +40
ors (Input)	N Female	N Female	N Female	N Female
ors (Output)	N Female	N Female	N Female	N Female
	1 Year	1 Year	1 Year	1 Year
) Part No.	**63633** *Specify Frequency	**64329** *Specify Frequency	**40952**	**88878**
T-1 Price:	$439.00 $346.81	$439.00 $346.81	$439.00 $346.81	$439.00 $346.81
T-2 Price:	0.38 lb. $329.25	0.38 lb. $329.25	0.38 lb. $329.25	0.38 lb. $329.25
T-3 Price:	0.17 kg. $324.86	0.17 kg. $324.86	0.17 kg. $324.86	0.17 kg. $324.86

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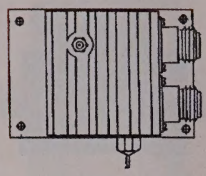
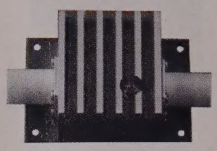
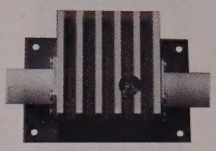
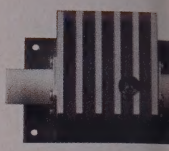
Preamplifiers [441-67]

Manufacturer Table	Telewave, Inc. TGA450-12	Telewave, Inc. TLA450-12	Telewave, Inc. TLA450-12	Telewave, Inc. TLA860-12
				
Product Narrative	Compact preamplifier. GaAsFET design. Housed in shielded aluminum enclosure.	Compact preamplifier. Bipolar design. Housed in shielded aluminum enclosure. Can be special ordered with any gain from 8 to20 dB, and frequency from 400-512 MHz (Use sku number 48267).	Compact preamplifier. Bipolar design. Housed in shielded aluminum enclosure. Can be special ordered with any gain from 8 to20 dB, and frequency from 400-512 MHz (Use sku number 48267).	Compact preamplifier. Bipol design. Housed in shielded a num enclosure. Can be spec ordered with any gain from dB, and frequency from 806- (Use sku number 32725).
Type	Preamplifier, In-Line	Preamplifier, In-Line	Preamplifier, In-Line	Preamplifier, In-Line
General Freq. (MHz)	400-512	400-512	400-512	806-960
Specific Freq. (MHz)	400-512	450-470	450-470	806-825
Bandwidth (MHz)	50	50	50	50
Gain (dB)	14	25	15	20
Preselector Type	None	None	None	None
Noise Figure	2.5	2.5	2.5	2.5
3rd Order Intercept	35	35	35	35
Power Source	12-18 Vdc	12-24 Vdc	12-18 Vdc	12-18 Vdc
Size (Top)	None	None	None	None
Size (Base)	3.5 x 1.2 x 2.8	3.5 x 1.2 x 2.8	3.5 x 1.2 x 2.8	3.5 x 1.2 x 2.8
temp. Range deg-C	-30 to +40	-30 to +40	-30 to +40	-30 to +40
Connectors (Input)	N Female	N Female	N Female	N Female
Connectors (Output)	N Female	N Female	N Female	N Female
Warranty	1 Year	1 Year	1 Year	1 Year
TESSCO Part No.	**19511** *Specify Frequency	**37271**	**51668**	**98146**
List Price: T-1 Price:	$529.00 $417.91	$439.00 $346.81	$439.00 $346.81	$439.00 $346.8
Ship lb.: T-2 Price:	0.38 lb. $396.75	0.42 lb. $329.25	0.42 lb. $329.25	0.38 lb. $329.2
Ship kg.: T-3 Price:	0.17 kg. $391.46	0.19 kg. $324.86	0.19 kg. $324.86	0.17 kg. $324.8

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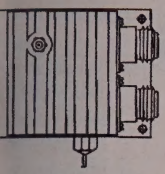	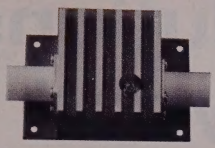
ct preamplifier. GaAsFET Housed in shielded alumi- closure.	Compact preamplifier. Bipolar design. Housed in shielded aluminum enclosure. Can be special ordered with any gain from 6-20 dB, and frequency from 806-960 (Use sku number 32725).
lifier, In-Line	Preamplifier, In-Line
))	806-960 851-869 50 20
	None 2.5 35
dc 2 x 2.8 40 e e	12-18 Vdc None 3.5 x 1.2 x 2.8 -30 to +40 N Female N Female 1 Year
*Specify Frequency $417.91 $396.75 $391.46	**75664** *Specify Frequency $439.00 $346.81 1 lb. $329.25 0.45 kg. $324.86

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System Planning Guide

EM	PART NO.	QTY.
ntenna System	see pages 000-000	
enna		
enna Mount (Tower, Rooftop, Water Tower & Wall)		
e Mount Kits		
unting Frames		
ber Mats		
ocation Platforms		
nper Assembly (Top)		
ain Feeder	see pages 000-000	
xial Cable		
nector (Top)		
atherproofing Kit		
sting Grips		
unding Kits (Top)		
ger Kits / Hanger Blocks		
dware Kits		
le Adapter / Beam Clamp		
le Ladder		
unding Kits (Bottom)		
nector (Bottom)		
ge Suppression / Lightning Protection		
per Assembly (Bottom)		
ounding System	see pages 000-000	
und Bus Bar Kit (Tower)		
und Rods		
und Wire		
thermic Grounding		
cellaneous Ground Hardware (Lugs)		
veguide Bridge System	see pages 000-000	
eguide Bridge Kit		
x Bridge Kit (Rooftop)		
ger Kits / Hanger Blocks		
eze Kit		
elter	see pages 000-000	
y Port		
ion Insert		
Assembly		
nd Kits (Shelter)		
nd Bus Bar Kits (Shelter)		
e Suppression / Lightning Protection		
nd Wire		
nd Lugs		
e Runway		
s / Enclosures		
urge Suppression		
ower Systems		
up Power Systems		
s & Dehydrators		
wer Systems	see pages 000-000	
pole		
d Towers		
Supporting Tower		
	TOTAL	

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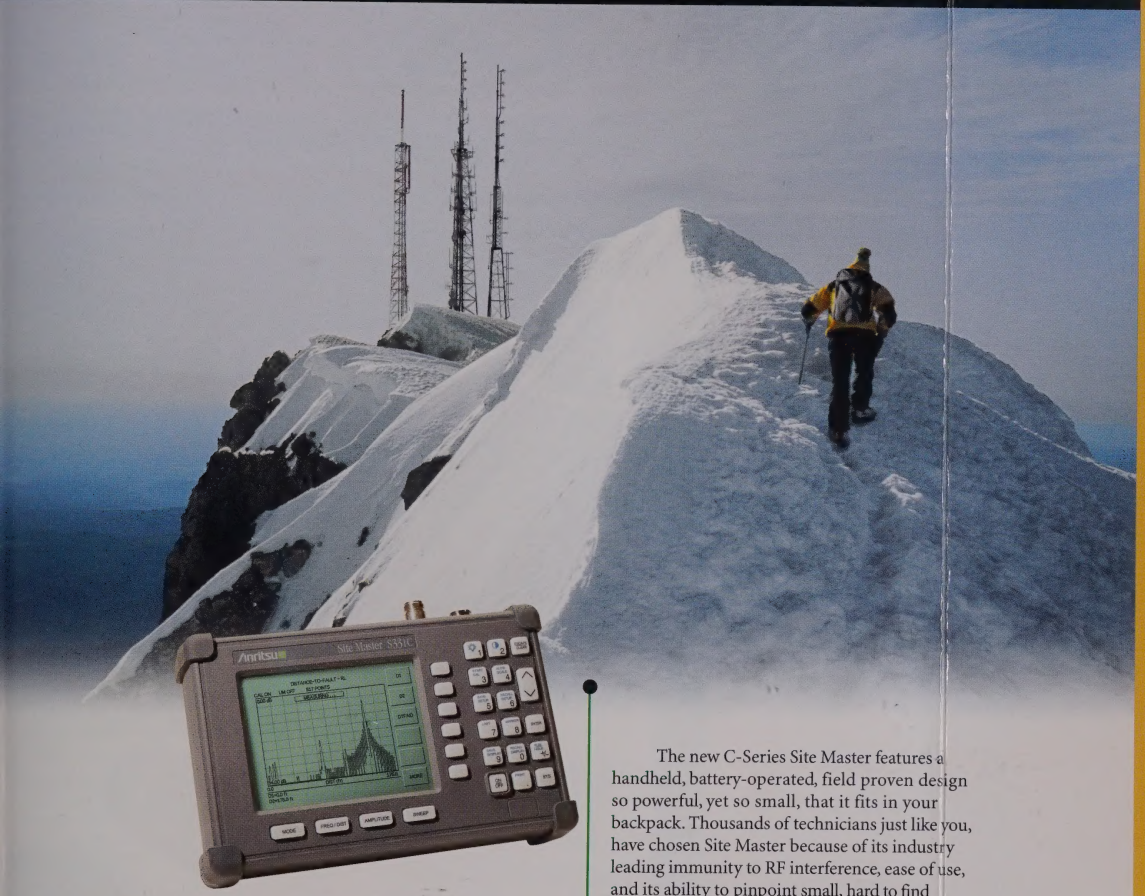

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- Waveguide Connectors & Accessories
- Braided Coaxial Cables
- Connectors for Transmission Line
- Connectors & Adapters for Braided Coax
- Jumper Assemblies
- Coax Cable & Transmission Line Accessories
- Dehydrator Systems

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- Site Hardware
- Shelter Cable Support Systems
- Equipment Racks
- Enclosures, Indoor/Outdoor
- Lightning Protectors & Air Terminals
- Grounding Systems
- Exothermic Ground Connections
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- Power Supplies, Tabletop
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- Mesh Networks
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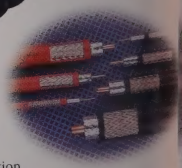

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- **Andrew Accessories Quick Pick 348**
- **Commscope Accessories Quick Pick 355**
- **Eupen Accessories Quick Pick 357**
- **RFS Accessories Quick Pick 359**
- **Times Accessories Quick Pick 367**
- **Braided Coaxial Cables 394**
  - RG58 394
  - RG59 395
  - Low-Loss 396
  - RG8 396
  - RG6 399
  - RG11 400
  - RG142, RG174, & RG214 400
- **Coaxial Cable & Transmission Line 368**
  - Air Dielectric Cable 384
  - Radiating Cable 386
  - Superflexible Cable, 1/4" 368
  - Superflexible Cables, 3/8", 1/2" & 7/8" .. 370
  - Transmission Line, 1/4",3/8", &1/2" 373
  - Transmission Line, 5/8" & 7/8" 376
  - Transmission Line, 1-1/4" 379
  - Transmission Line, 1-5/8" & 2-1/4" 381
  - Transmission Line, 75 Ohm 383
- **Coax Cable & Trans. Line Accessories ... 454**
  - Grounding Kits 457
  - Hanger Kits 454
  - Hoisting Grips 460
- **Connectors, Transmission Line 403**
  - 1/4" Superflexible 403
  - 3/8" Superflexible 404
  - 1/2" Superflexible 405
  - 7/8" Superflexible 417
  - 1/4" & 3/8" Foam 408
  - 1/2" Foam 409
  - 5/8" Foam 413
  - 7/8" Foam 414
  - 1-1/4" Foam 418
  - 1-5/8" Foam 420
  - Adapters, Transmission Line 425
  - Air Cable 423
  - Installation, Connector 426
  - Pins and Parts 425
  - Splices, Inter-Cable 423
- **Connectors & Adapters, Braided Coax ... 428**
  - Adapter Kits 435
  - Adapters, Interseries 428
  - Connectors, 7/16 DIN 443
  - Connectors, BNC 441
  - Connectors, D SUB 448
  - Connectors, F 446
  - Connectors & Adapters, FME 445
  - Connectors, Mini UHF 442
  - Connectors, MMCX 447
  - Connectors, N 436
  - Connectors, Reverse Gender 444
  - Connectors, SPL 447
  - Connectors, SMA 443
  - Connectors, SMB 447
  - Connectors, TNC 439
  - Connectors, UHF 438
  - Ferrules 447
  - Strain Reliefs 448
- **Dehydrator Systems 461**
  - Accessories, Dehydrator 462
  - Dehydrators 461
  - Fittings, Dehydrator 463
  - Manifolds, Dehydrator 462
- **Interseries Adapter Part Number Chart .. 427**
- **Jumper Assemblies 448**
  - Jumper Assemblies, Braided Coax 448
  - Jumper Assemblies, Foam Cables 451
  - Jumper Assemblies, Superflexible Cables . 449
- **Waveguide, Connectors & Accessories .. 387**
  - Accessories, Elliptical Waveguide 392
  - Connectors, Elliptical Waveguide 391
  - Elliptical Waveguide 388
  - Flange Adapters, Elliptical Waveguide 392
  - Jumpers, Twist-Flex 391

About Cables

Low VSWR Versus Standard

The terms generally used in the industry to describe hardline coaxial cables historically have been standard or premium cables. More recently, manufacturers are beginning to categorize them as low VSWR or standard.*

Standard cables are those off the standard production runs having characteristics which meet broad specifications for VSWR. A cable of this nature may, for example, have a maximum VSWR of 1.20:1 at frequencies to 2MHz.

Low VSWR cables also come off the standard production lines but are frequency swept (sorted) for specific frequencies to find low VSWR cable over a smaller frequency range.

For example, the same standard cable that has a maximum VSWR of 1.20:1 from 100 MHz to 2 Ghz could result in being classified as a premium cable for 800-900 MHz if the max VSWR between these frequencies was 1.10:1 or better. VSWR values for premium cables may also vary with the type connectors used, i.e., DIN, N, EIA flange, etc., as well as with the length of the cable.

Selecting Cable

Cable manufacturers list low VSWR cables by frequency ranges and the VSWR maximum values over these frequency ranges vary from one manufacturer to another. One may show a VSWR of 1.15:1 max as their low VSWR cable while another uses a VSWR of 1.10:1 max as their criteria. Use the cable most appropriate for your application. If you need low VSWR cable, then choose the one having the desired VSWR rating for your frequencies, connector types, and cable lengths required. Always specify your requirements by maximum VSWR and frequency rate.

Types of Cables

Corrugated Cables

Corrugated cables are constructed with corrugated outer conductors and either corrugated, smooth wall, or solid inner conductors depending upon size. Sandwiched between the inner and outer conductor is a foam polyethylene dielectric material.** The purpose of the corrugations is to provide an element of flexibility to the cable while maintaining structural integrity and 100% shielding of the inner conductor. The outer conductor is considered seamless because it is welded as a homogeneous mass.

Smooth Wall Cables

Smooth wall cables use smooth wall tubing (or tape) for the outer conductor and either solid or smooth wall tubing for the inner conductors, depending upon size. They are separated by a foam polyethylene dielectric material.** When seamless, they exhibit less attenuation (lower loss) and equal minimum bend radius but are less flexible than corrugated cables in application.

Braided Cables

Braided cables are constructed with a braided outer conductor and generally stranded wire or solid wire inner conductor. Some braided cables use a metallic sheath which encases the cable and serves as the outer conductor, while the braid adds flexibility and strength. These are separated from the center conductor by the foam polyethylene dielectric material.**

Handling Corrugated Coaxial Cables

Inspection

Corrugated coaxial cables are rugged and will provide many years of high performance operation provided that they are handled properly during the process of de-reeling, hoisting and securing to the tower, building or other structure.

It is imperative that the cable be closely inspected. Visual inspection will not, by itself, disclose hidden flat spots or dents. A combination of visual inspection and a hands-on process will provide the best method of finding defects before the installation is completed. Have someone place a hand around the circumference of the cable and using light pressure feel the cable as it glides through the hand during the cable de-reeling process. Any irregularities, such as flat spots, are easily detected in this manner.

A good practice would be to sweep the cable before and after installation to detect shipping damage, as well as any damage that may have occurred during installation. In addition, the use of fault location devices is helpful when the cable is not performing to specifications due to a mechanical defect.

It should be noted that VSWR values resulting in pass or fail result from periodicities and/or amplitude of the spike. Even low VSWR cable has spikes, but the amplitude is below the specific value required.

Hoisting

When hoisting cable, have the payout reel of cable an adequate distance from the base of the tower or other type structure and maintain tension on the cable to keep it from slapping against the tower or other structure. This is one of the main causes of dents and flat spots during installation.

Always observe the minimum bend radius rating for each cable size. If this radius is exceeded (made smaller) than the rating, the corrugated copper outer conductor and inner conductor will be damaged, thus changing the characteristics of the cable. At this point, it will be necessary to cut out the damaged section and add a cable splice or replace the entire cable.

Due to the periodicity phenomenon, distance to fault measurements must be correlated against the VSWR trace. More often than not, a single fault (physical) does not generate a VSWR failure.

Hoist Grips

When hoisting cable, always use hoist grips. The hoist grip should be located below the top connector and held firmly in place by the lacing or by the self-gripping action of closed woven grips. Never attach any hoisting grip to the connector or to grounding strap terminations.

Hoist grips should be used every 200 feet. For cables whose length exceeds 200 feet, the hoist grip should be left on the cable and tied off to the tower or other support structure so that the weight of the cable is supported by the grips and not by the cable hangers or cable ties.

Cable Hangers

When attaching cable hangers or their clamping mechanisms to the cable, do not overtighten. Cable hangers are not meant to provide full support of the weight of the cable. That is the job of the hoist grips. Hangers are designed to keep the cable in a fixed position on the tower or the structure. Tighten only enough to prevent movement of the cable within the hanger.

* This change reflects the understanding that there has been some confusion over premium connectors (silver plated), which may be installed on low VSWR or standard cable.

** Or solid polyethylene tubing and spacers creating an air dielectric.

Cables

Reels for Corrugated, Smooth Wall or Braided Cables

SKU	DESCRIPTION	SHIP METHOD	1/4"	5/16"	3/8"	1/2"	5/8"	7/8"	1-1/4"	1-5/8"
499045	Small Box	Parcelable	475'	450'	400'	350'	250'	180'	—	—
472063	Large Box	Common Carrier	—	—	—	—	—	300'	140'	75'
74647	Reel 33x16	Parcelable	3000'	2600'	2000'	600'	450'	200'	—	—
74630	Reel 45x30	Common Carrier	—	—	—	4500'	3000'	1200'	—	—
74649	Int'l Reel 52x30	Common Carrier	—	—	—	—	—	1700'	700'	350'
74644	Reel 60x30	Common Carrier	—	—	—	—	—	3200'	1200'	800
91698	Lg Hub Reel 60x30	Common Carrier	—	—	—	—	—	1500'	600'	350
74621	Reel 70x24	Common Carrier	—	—	—	—	—	2500'	1300'	950
74620	Reel 78x28	Common Carrier	—	—	—	—	—	2500'	1700'	1400

Andrew Accessories Quick Pick

Andrew 1/4" Superflexible Foam

N Male for 1/4" Superflex High Frequency
Andrew Corporation
FIPNM-HF
SKU 480194

N Male for 1/4" Superflex
Andrew Corporation
FIPNMV2-H
SKU 490150

N-male right angle 1/4"
Andrew Corporation
FIPNR-HC
SKU 417130

N Female for 1/4" Superflexible
Andrew Corporation
FIPNF
SKU 483185

N Female for 1/4" Superflexible
Andrew Corporation
FIPNF-BH
SKU 485149

MiniUHF Male (F1MU) FSJ150A
Andrew Corporation
F1MU
SKU 463184

UHF Male for 1/4" Superflexible
Andrew Corporation
41SP
SKU 426122

BNC Male for 1/4" Superflexible
Andrew Corporation
FIPBM
SKU 461194

TNC male fo 1/4" Superfle
Andrew Corpora
FIPTM
SKU 4891C

TNC male for 1/4" Superflex
Andrew Corporation
FIPTM-HF
SKU 498153

SMA male 1/4" Superflex
Andrew Corporation
FIPSM
SKU 434176

SMA male R/angle 1/4"
Andrew Corporation
FIPSR
SKU 463135

ANDREW Grounding Kit 1/4" and 3/8"
Andrew Corporation
223158
SKU 481194

Easiax 1/4" & 1/2" Superflex Cable Prep Tool
Andrew Corporation
MCPT-1412
SKU 470164

ANDREW Connector/Splice Weatherproofing Kit
Andrew Corporation
221213
SKU 488136

Andrew 3/8" Foam Cable

N Male Conn 3/8" LDF2-50
Andrew Corporation
L2PNM-H
SKU 411144

N Male Conn 3/8" LDF2-50
Andrew Corporation
L2PNM-HC
SKU 449125

N Female for 3/8 Foam Cable
Andrew Corporation
L2PNF
SKU 438177

7/16 Din Male 3/8" LDF2-50
Andrew Corporation
L2PDM-C
SKU 460159

7/16 Din Female 3/8" LDF2-50
Andrew Corporation
L2PDF-C
SKU 415107

SMA Male Conn 3/8" LDF2-50
Andrew Corporation
L42WS
SKU 439150

TNC Male Conn 3/8" LDF2-50
Andrew Corporation
L42EWT
SKU 489194

Reattachment kit 3/8" Cable
Andrew Corporation
34767A-38
SKU 456173

ANDREW Grounding 1/4" and 3/
Andrew Corpo
223158
SKU 4811

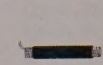
Automated Tool 3/8" Din
Andrew Corporation
CPT-E2L2DIN
SKU 476169

Automated Tool 3/8 N Connectors Only
Andrew Corporation
CPT-E2L2N
SKU 498138

Andrew 1-1/4" Torque Wrench Coupling Din
Andrew Corporation
244377
SKU 469123

Andrew 13/16" Torque Wrench Coupling N Connecotrs
Andrew Corporation
244379
SKU 468172

7/8" to 1/2" Jumper Cold Shrink
Andrew Corporation
241475-9
SKU 426158



2 1/4" to 1/2" or 3/8" Jumper Cold Shrink
Andrew Corporation
241475-8
SKU 411145

Andrew 3/8" Superflexible Cable

7/16 Din Male 3/8 flex
Andrew Corporation
F2PDM-C
SKU 474195

7/16 Din Male right angle 3/8 flex
Andrew Corporation
F2PDR-C
SKU 445123

N-female 3/8 Superflex
Andrew Corporation
F2PNF-C
SKU 452115

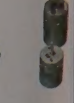
N-Male 3/8 Superflex
Andrew Corporation
F2PNM-H
SKU 451105

N-Male 3/8 Superflex
Andrew Corporation
F2PNM-HC
SKU 484126

Stan Ground Kit for 3/8"
Wireless Solutions
GK-S38
SKU 67985

ANDREW Grounding Kit 1/4" and 3/8"
Andrew Corporation
223158
SKU 481194

3/8" Coax Ground Kit
Harger
CGKBB3/8-5
SKU 487122



Automated 3/8" Di
Andrew Corp
CPT-E2L2I
SKU 476

3/8" & 1/2" Superflex/LDF1-50 Cable Prep Tool
Andrew Corporation
241372
SKU 418107

Andrew 1-1/4" Torque Wrench Coupling Din
Andrew Corporation
244377
SKU 469123

Andrew 13/16" Torque Wrench Coupling N Connecotrs
Andrew Corporation
244379
SKU 468172

7/8" to 1/2" Jumper Cold Shrink
Andrew Corporation
241475-9
SKU 426158

2 1/4" to 1/2" or 3/8" Jumper Cold Shrink
Andrew Corporation
241475-8
SKU 411145

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NORTH AMERICA 800-472-7373
REST OF WORLD +1 410-229-1200
FAX 410-527-0005
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Andrew Accessories Quick Pick

drew 3/8" flexible Cable

ew 1/2" Foam Cable

N-male for EFX2-50
Andrew Corporation
E2PNM-HC
SKU 417105

N-female for EFX2-50
Andrew Corporation
E2PNF-C
SKU 494100

7/16 Din Male for EFX2-50
Andrew Corporation
E2PDM-C
SKU 479121

UHF-male for EFX2-50
Andrew Corporation
E2UM
SKU 471117

SMA-male for EFX2-50
Andrew Corporation
E2SM
SKU 496120

ANDREW Grounding Kit 1/4" and 3/8"
Andrew Corporation
223158
SKU 481194

Automated Tool 3/8" Din
Andrew Corporation
CPT-E2L2DIN
SKU 476169

Automated Tool 3/8 N Connectors Only
Andrew Corporation
CPT-E2L2N
SKU 498138

Andrew 1-1/4" Torque Wrench Coupling Din
Andrew Corporation
244377
SKU 469123

Andrew 13/16" Torque Wrench Coupling N Connecotrs
Andrew Corporation
244379
SKU 468172

7/8" to 1/2" Jumper Cold Shrink
Andrew Corporation
241475-9
SKU 426158

2 1/4" to 1/2" or 3/8" Jumper Cold Shrink
Andrew Corporation
241475-8
SKU 411145

N Male for 1/2" LDF4-50A
Andrew Corporation
L4PNM-H
SKU 420152

N/M for 1/2" Captivated
Andrew Corporation
L4PNM-RC
SKU 483183

N Male 1/2" LDF4-50A
Andrew Corporation
L4PNM
SKU 475164

N-M Right Angle 1/2" Foam
Andrew Corporation
L4PNR-HC
SKU 498148

N Female 1/2" LDF4-50A
Andrew Corporation
L4PNF-RC
SKU 429193

N Female 1/2" LDF4-50A
Andrew Corporation
L4PNF
SKU 476126

Bulkhead N Female 1/2" LDF4-50A
Andrew Corporation
L4PNF-BH
SKU 414194

7/16 Din male Right Angle 1/2" Foam
Andrew Corporation
L4PDR-C
SKU 428133

Din Male 1/2" LDF4-50A
Andrew Corporation
L4PDM-C
SKU 452156

Din Male 1/2" LDF4-50A
Andrew Corporation
L4PDM-RC
SKU 479166

Din Male 1/2" LDF4-50A
Andrew Corporation
L4PDM
SKU 499170

Din Female 1/2" LDF4-50A
Andrew Corporation
L4PDF-RC
SKU 437155

Din Female 1/2" LDF4-50A
Andrew Corporation
L4PDF
SKU 438183

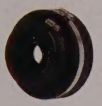
UHF Male for 1/2" LDF4-50A
Andrew Corporation
L44P
SKU 438186

UHF Female for 1/2" LDF4-50A
Andrew Corporation
L44U
SKU 445159

L44Z Splice for LDF4-50
Andrew Corporation
L44Z
SKU 411133

7/8" EIA Flange LDF4-50A
Andrew Corporation
L44R
SKU 414132

Click On Hangers LDF4-50A, 10 pack
Andrew Corporation
L4CLICK
SKU 418162

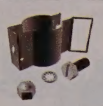


4" Cable Entry Boot
Andrew Corporation
204679A-7
SKU 416192

Standard Hanger Kit, 1/2" Cable
Andrew Corporation
43211A
SKU 482185

Hanger Kit, 1/2"
Wireless Solutions
BH-12
SKU 14347

Hanger Kit, 1/2" NO HRDWR
Wireless Solutions
BH-12-NH
SKU 87381



Clip Hanger Kit, 1/2"
Wireless Solutions
CH-12
SKU 84584

Snap-In Hanger Kit, 1/2"
Wireless Solutions
SH-U12
SKU 43185

Snap-in Hangers for 1/2" corrugated cable
Andrew Corporation
SSH-12
SKU 484188

Cushion Hangers 1H,1/2"
Wireless Solutions
CH-A12-1
SKU 48194

Cushion Hangers 2H,1/2"
Wireless Solutions
CH-A12-2
SKU 33731

Cushion Hangers 3H,1/2" (5 Pack)
Wireless Solutions
CH-A12-3
SKU 20517

Cushion Hangers 4H,1/2"
Wireless Solutions
CH-A12-4
SKU 58910

Stan Ground Kit for 1/2"
Wireless Solutions
GK-S12
SKU 41669

1/2" Coax Ground Kit
Harger
CGKB8I/2-5
SKU 456164

SureGround-1/2", 1 Hole Lug
Andrew Corporation
SGL4-06B1
SKU 444140

SureGround 1/2", 2 Hole Lug
Andrew Corporation
SGL4-06B2
SKU 488148

Pre-Laced Hoisting Grip, 1/2"
Wireless Solutions
HG-12L
SKU 57096

Support/Hoist Grip 1/2 superflex
Andrew Corporation
L45GRIP
SKU 417125

Hoisting Grip, 1/2"
Wireless Solutions
HG-12
SKU 52157

Hoisting Grip 1/2" Cable
Andrew Corporation
43094
SKU 440126

Automated tool for 1/2" Cables
Andrew Corporation
CPT-L4ARC1
SKU 478126

1/2" Easiax Prep Tool
Andrew Corporation
MCPT-L4
SKU 481156

Grounding kit Prep tool 1/2"
Andrew Corporation
GKT-L4
SKU 414190

Cable Flare Tool for LDF4
Andrew Corporation
224363
SKU 93058

Andrew 1-1/4" Torque Wrench Coupling Din
Andrew Corporation
244377
SKU 469123

Andrew 13/16" Torque Wrench Coupling N Connecotrs
Andrew Corporation
244379
SKU 468172

1/2"-1/2" Cold Shrink Kit
Andrew Corporation
241474-4
SKU 462122

7/8" to 1/2" Jumper Cold Shrink
Andrew Corporation
241475-9
SKU 426158

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Andrew Accessories Quick Pick

2 1/4" to 1/2" or 3/8" Jumper Cold Shrink
Andrew Corporation
241475-8
SKU 411145

Weatherproofing Kit
Wireless Solutions
WK-2
SKU 97641

ANDREW Connector/Splice Weatherproofing Kit
Andrew Corporation
221213
SKU 488136

Andrew 1/2" Superflexible Cable

N-Male 1/2" Superflex Cable Captivated
Andrew Corporation
F4PNMV2-HC
SKU 441175

N-male 1/2" superflex
Andrew Corporation
F4PNMV2-H
SKU 469180

N-male 1/2" superflex
Andrew Corporation
F4PNMV2-C
SKU 415171

N-male right angle 1/2" superflex
Andrew Corporation
F4PNR-HC
SKU 496107

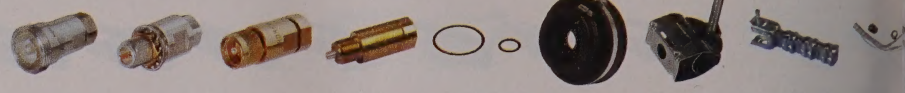
N-female Captivated 1/2" superflex
Andrew Corporation
F4PNF-C
SKU 434106

N-female Bulkhead 1/2" superflex
Andrew Corporation
F4PNF-BH
SKU 443102

7/16" D/M 1/2" Superflex Cable Captivated
Andrew Corporation
F4PDMV2-C
SKU 452194

7/16" D/M 1/2" Superflex Cable
Andrew Corporation
F4PDMV2
SKU 490134

7/16" D/ right angle superfle
Andrew Corp
F4PDR-
SKU 454



7/16" D/F 1/2" Superflex Cable Captivated
Andrew Corporation
F4PDF-C
SKU 472102

7/16" D/F Panel Mount 1/2" Superflex Cable
Andrew Corporation
F4PDF-PM
SKU 444192

UHF-Male 1/2" superflex
Andrew Corporation
44ASP
SKU 477147

UHF-Female 1/2" superflex
Andrew Corporation
44ASU
SKU 421110

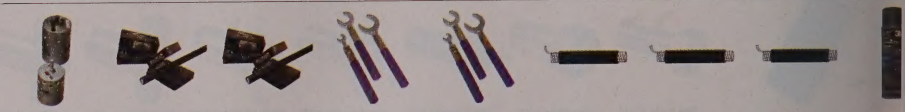
Reattachment kit 1/2" Superflex Cable
Andrew Corporation
34767A-39
SKU 440176

ANDREW 4" Cable Entry Boot
Andrew Corporation
204679A-7
SKU 416192

ANDREW Standard Hanger Kit, 1/2" Cable
Andrew Corporation
43211A
SKU 482185

Snap-in Hangers for 1/2" corrugated cable
Andrew Corporation
SSH-12
SKU 484188

ANDREW H Grip 1/2"
Andrew Corp
4309
SKU 440



Automated tool FSJ4 ver 2
Andrew Corporation
CPT-F4
SKU 453135

Easiax 1/4" & 1/2" Superflex Cable Prep Tool
Andrew Corporation
MCPT-1412
SKU 470164

3/8" & 1/2" Superflex/LDF1-50 Cable Prep Tool
Andrew Corporation
241372
SKU 418107

Andrew 1-1/4" Torque Wrench Coupling Din
Andrew Corporation
244377
SKU 469123

Andrew 13/16" Torque Wrench Coupling N Connecotrs
Andrew Corporation
244379
SKU 468172

1/2"-1/2" Cold Shrink Kit
Andrew Corporation
241474-4
SKU 462122

7/8" to 1/2" Jumper Cold Shrink
Andrew Corporation
241475-9
SKU 426158

2 1/4" to 1/2" or 3/8" Jumper Cold Shrink
Andrew Corporation
241475-8
SKU 411145

3M Spray
Wireless Sc
MT-4
SKU 62

Weatherproofing Kit
Wireless Solutions
WK-2
SKU 97641

ANDREW Connector/Splice Weatherproofing Kit
Andrew Corporation
221213
SKU 488136

WLS SOL Tie Wrap Kit
Wireless Solutions
TW-50
SKU 416178

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FAX 410-527-0005
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Andrew Accessories Quick Pick

w 5/8" Foam Cable

drew 7/8" m Cable

N Male for 5/8" LDF4.5-50
Andrew Corporation
L4.5PNM-RC
SKU 451136

N Female 5/8" LDF4.5-50
Andrew Corporation
L4.5PNF-RC
SKU 438107

Din-Male 5/8" LDF4.5-50
Andrew Corporation
L4.5PDM-RC
SKU 422130

Din-Female 5/8" LDF4.5-50
Andrew Corporation
L4.5PDF-RC
SKU 474114

ANDREW Click On Hangers LDF4.5-50A, 10 pack
Andrew Corporation
L45CLICK
SKU 458151

Hanger Kit, 5/8" NO HRDWR
Wireless Solutions
BH-58-NH
SKU 35774

Snap-In Hanger Kit, 5/8"
Wireless Solutions
SH-U58
SKU 37478

5/8" Coax Ground Kit
Harger
CGKBBS/8-5
SKU 494188

SureGround-5/8", 1 Hole Lug
Andrew Corporation
SGL45-06B1
SKU 480197

SureGround 5/8", 2 Hole Lug
Andrew Corporation
SGL45-06B2
SKU 474142

Hoisting Grip, 5/8",Cable
Wireless Solutions
HG-58
SKU 496013

ANDREW Hoisting Grip 5/8" Cable
Andrew Corporation
29958
SKU 470175

ANDREW Automated tool for 5/8" Cables
Andrew Corporation
CPT-L45RC
SKU 417183

Andrew 21mm Torque Wrench LDF4.5
Andrew Corporation
244376
SKU 451167

Andrew 1-1/4" Torque Wrench Coupling Din
Andrew Corporation
244377
SKU 469123

Andrew 13/16" Torque Wrench Coupling N Connecotrs
Andrew Corporation
244379
SKU 468172

ANDREW Connector/Splice Weatherproofing Kit
Andrew Corporation
221213
SKU 488136

N Male for 7/8" Foam Cbl.
Andrew Corporation
L5PNM-RPC
SKU 416103

N/F One Piece 7/8" Foam Cable
Andrew Corporation
L5PNF-RPC
SKU 471110

D/M One Piece 7/8" Foam
Andrew Corporation
L5PDM-RPC
SKU 451142

7/16" D/F for 7/8" Foam
Andrew Corporation
L5PDF-RPC
SKU 480119

N-Male Ring Flare 7/8" Foam Cbl.
Andrew Corporation
L5PNM-RC
SKU 493100

N-Female Ring Flare 7/8" Foam Cbl.
Andrew Corporation
L5PNF-RC
SKU 498120

Din Male Ring Flare 7/8" Foam Cbl.
Andrew Corporation
L5PDM-RC
SKU 438115

Din Female Ring Flare 7/8" Foam Cbl.
Andrew Corporation
L5PDF-RC
SKU 427115

7/8" EIA Flange for 7/8" Foam Cbl.
Andrew Corporation
L45R
SKU 433117

ANDREW F Flange Male for 7/8" Foam Cbl.
Andrew Corporation
L45F
SKU 435113

L45Z Splice for LDF5-50A
Andrew Corporation
L45Z
SKU 485179

ANDREW Click On Hangers LDF5-50A, 10 pack
Andrew Corporation
L5CLICK
SKU 427164

7/8" Rectangular Cushion
Wireless Solutions
RC-78
SKU 18166

4" Boot Assy, (2) 7/8"
Wireless Solutions
BA-78-2A
SKU 96196

4" Boot Assy, (3) 7/8"
Wireless Solutions
BA-78-3A
SKU 44589

4" Boot Assy, (4) 7/8"
Wireless Solutions
BA-78-4A
SKU 82982

4" Boot for 7/8" Foam/Air
Microflect/Valmont
B537A
SKU 23444

4" Boot for 7/8" & 4/0 GW
Microflect/Valmont
B1446A
SKU 30975

4" Boot 2 Runs 7/8" Cable
Microflect/Valmont
B1193A
SKU 10230

4" Boot for 7/8" Cable
Microflect/Valmont
B1151A
SKU 35409

ANDREW 4" Cable Entry Boot
Andrew Corporation
204679A-2
SKU 495151

5" Boot Assy, (1) 7/8"
Wireless Solutions
BA-78-1B
SKU 68519

5" Boot Assy, (2) 7/8"
Wireless Solutions
BA-78-2B
SKU 55305

5" Boot Assy, (3) 7/8"
Wireless Solutions
CP-78
SKU 93698

5" Boot Assy, (4) 7/8"
Wireless Solutions
BA-78-4B
SKU 80484

5" Boot for 7/8" Foam/Air
Microflect/Valmont
B537B
SKU 61837

4" Boot Assembly no cushn
Wireless Solutions
BA-400
SKU 39277

5" Boot Assembly no cushn
Wireless Solutions
BA-500
SKU 79588

7/8" Round Cushion 1 hole
Wireless Solutions
SC-78-1
SKU 95880

7/8" Round Cushion 2 hole
Wireless Solutions
SC-78-2
SKU 44273

7/8" Round Cushion 3 Hole
Wireless Solutions
SC-78-3
SKU 32629

7/8" Round Cushion 4 hole
Wireless Solutions
SC-78-4
SKU 82666

7/8" plug for cushn holes
Wireless Solutions
CP-78
SKU 83809

7/8" Hanger Kit
Andrew Corporation
42396A-5
SKU 499150

Hanger Kit, 7/8"
Wireless Solutions
BH-78
SKU 39526

Snap-In Hanger Kit, 7/8"
Wireless Solutions
SH-U78
SKU 81578

Snap-in Hangers for 7/8" corrugated cable
Andrew Corporation
SSH-78
SKU 424133

Cushion Hangers 1H,7/8"
Wireless Solutions
CH-A78-1
SKU 84089

Cushion Hangers 2H,7/8"
Wireless Solutions
CH-A78-2
SKU 19268

Cushion Hangers 3H,7/8"
Wireless Solutions
CH-A78-3
SKU 57661

Cushion Hangers 4H,7/8"
Wireless Solutions
CH-A78-4
SKU 96054

Stan Ground Kit for 7/8"
Wireless Solutions
GK-S78
SKU 46140

Stan Grnd Kit for 7/8" CellReach Cable
Wireless Solutions
GK-S78CR
SKU 63420

7/8" Coax Ground Kit
Harger
CGKBB7/8-5
SKU 443140

SureGround-7/8", 1 Hole Lug
Andrew Corporation
SGL5-06B1
SKU 474166

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Andrew Accessories Quick Pick

2' Clip Ground Kit 7/8"
Wireless Solutions
GK-C78-2H2
SKU 53008

5' Clip Ground Kit 7/8"
Wireless Solutions
GK-C78
SKU 14615

5' Clip Ground Kit 7/8"
Wireless Solutions
GK-C78S
SKU 91401

SureGround-7/8", 2 Hole Lug
Andrew Corporation
SGL5-15B4
SKU 451150

ANDREW SureGround Grounding Kit, 7/8", 2 Hole Lug
Andrew Corporation
SGL5-06B2
SKU 487116

WLS SOL Pre-Laced Hoisting Grip, 7/8"
Wireless Solutions
HG-78L
SKU 43882

Hoisting Grip, 7/8"
Wireless Solutions
HG-78
SKU 90550

ANDREW Hoisting Grip 7/8" Cable
Andrew Corporation
19256B
SKU 488105

Automated for LDF
Andrew Corpo
CPTL5A
SKU 426

7/8" Easiax Prep Tool
Andrew Corporation
MCPT-78
SKU 410199

ANDREW Grounding kit Prep tool 7/8"
Andrew Corporation
GKT-78
SKU 414186

Cable flare tool for LDF5
Andrew Corporation
224368
SKU 17466

Andrew 1-1/4" Torque Wrench LDF5
Andrew Corporation
244378
SKU 467121

7/8" to 1/2" Jumper Cold Shrink
Andrew Corporation
241475-9
SKU 426158

Weatherproofing Kit
Wireless Solutions
WK-2
SKU 97641

ANDREW Connector/Splice Weatherproofing Kit
Andrew Corporation
221213
SKU 488136

Andrew 7/8" Flexible Feeder Cable

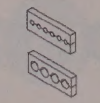
D/M One Piece 7/8" Flex
Andrew Corporation
V5PDM-RPC
SKU 423134

D/F One Piece 7/8" Flex
Andrew Corporation
V5PDF-RPC
SKU 418164

N/M One Piece 7/8" Flex
Andrew Corporation
V5PNM-RPC
SKU 416125

N/F One Piece 7/8" Flex
Andrew Corporation
V5PNF-RPC
SKU 431118

ANDREW Click On Hangers LDF5-50A, 10 pack
Andrew Corporation
L5CLICK
SKU 427164



7/8" Rectangular Cushion
Wireless Solutions
RC-78
SKU 18166

4" Boot Assy, (2) 7/8"
Wireless Solutions
BA-78-2A
SKU 96196

4" Boot Assy, (3) 7/8"
Wireless Solutions
BA-78-3A
SKU 44589

4" Boot Ass 7/8"
Wireless Solu
BA-78-4A
SKU 829

4" Boot for 7/8" Foam/Air
Microflect/Valmont
B537A
SKU 23444

4" Boot for 7/8" & 4/0 GW
Microflect/Valmont
B1446A
SKU 30975

4" Boot 2 Runs 7/8" Cable
Microflect/Valmont
B1193A
SKU 10230

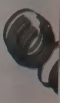
4" Boot for 7/8" Cable
Microflect/Valmont
B1151A
SKU 35409

ANDREW 4" Cable Entry Boot
Andrew Corporation
204679A-2
SKU 495151

5" Boot Assy, (1) 7/8"
Wireless Solutions
BA-78-1B
SKU 68519

5" Boot Assy, (2) 7/8"
Wireless Solutions
BA-78-2B
SKU 55305

5" Boot Assy, (3) 7/8"
Wireless Solutions
BA-78-3B
SKU 93698



5" Boot Ass 7/8"
Wireless Solu
BA-78-4
SKU 804

5" Boot for 7/8" Foam/Air
Microflect/Valmont
B537B
SKU 61837

4" Boot Assembly no cushn
Wireless Solutions
BA-400
SKU 39277

5" Boot Assembly no cushn
Wireless Solutions
BA-500
SKU 79588

7/8" Round Cushion 1 hole
Wireless Solutions
SC-78-1
SKU 95880

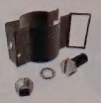
7/8" Round Cushion 2 hole
Wireless Solutions
SC-78-2
SKU 44273

7/8" Round Cushion 3 Hole
Wireless Solutions
SC-78-3
SKU 32629

7/8" Round Cushion 4 hole
Wireless Solutions
SC-78-4
SKU 82666

7/8" plug for cushn holes
Wireless Solutions
CP-78
SKU 83809

Hanger Kit,
Wireless Sol
BH-78
SKU 395



Clip Hanger Kit, 7/8"
Wireless Solutions
CH-78
SKU 71370

Snap-In Hanger Kit, 7/8"
Wireless Solutions
SH-U78
SKU 81578

Snap-in Hangers for 7/8" corrugated cable
Andrew Corporation
SSH-78
SKU 424133

Cushion Hangers 1H,7/8"
Wireless Solutions
CH-A78-1
SKU 84089

Cushion Hangers 2H,7/8"
Wireless Solutions
CH-A78-2
SKU 19268

Cushion Hangers 3H,7/8"
Wireless Solutions
CH-A78-3
SKU 57661

Cushion Hangers 4H,7/8"
Wireless Solutions
CH-A78-4
SKU 96054

Stan Ground Kit for 7/8"
Wireless Solutions
GK-S78
SKU 46140

7/8" Coax G Kit
Harger
CGKB87
SKU 443

SureGround-7/8", 1 Hole Lug
Andrew Corporation
SGL5-06B1
SKU 474166

2' Clip Ground Kit 7/8"
Wireless Solutions
GK-C78-2H2
SKU 53008

5' Clip Ground Kit 7/8"
Wireless Solutions
GK-C78
SKU 14615

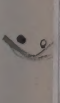
5' Clip Ground Kit 7/8"
Wireless Solutions
GK-C78S
SKU 91401

SureGround-7/8", 2 Hole Lug
Andrew Corporation
SGL5-15B4
SKU 451150

ANDREW SureGround Grounding Kit, 7/8", 2 Hole Lug
Andrew Corporation
SGL5-06B2
SKU 487116

7/8" HardShell Ground Kit
Wireless Solutions
GK-78
SKU 62804

WLS SOL Pre-Laced Hoisting Grip, 7/8"
Wireless Solutions
HG-78L
SKU 43882



Hoisting Gr
Wireless Sol
HG-7
SKU 90

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Andrew Accessories Quick Pick

ANDREW Hoisting Grip 7/8" Cable
Andrew Corporation
19256B
SKU 488105

7/8" Easiax Prep Tool
Andrew Corporation
MCPT-78
SKU 410199

ANDREW Grounding kit Prep tool 7/8"
Andrew Corporation
GKT-78
SKU 414186

Cable flare tool for LDF5
Andrew Corporation
224368
SKU 17466

Andrew 1-1/4" Torque Wrench Coupling Din
Andrew Corporation
244377
SKU 469123

Andrew 1-1/4" Torque Wrench LDF5
Andrew Corporation
244378
SKU 467121

Andrew 13/16" Torque Wrench Coupling N Connecotrs
Andrew Corporation
244379
SKU 468172

7/8" to 1/2" Jumper Cold Shrink
Andrew Corporation
241475-9
SKU 426158

N/Female for 1-1/4"
Andrew Corporation
L6PNF
SKU 454149

N/Male for 1-1/4"
Andrew Corporation
L6PNM
SKU 485127

D/M for 1-1/4"Cable
Andrew Corporation
L6PDM
SKU 418147

D/F for 1-1/4"Cable
Andrew Corporation
L6PDF
SKU 468145

D/F Ring Flare for 1-1/4"
Andrew Corporation
L6PDF-RC
SKU 424110

N/F Ring Flare for 1-1/4"
Andrew Corporation
L6PNF-RC
SKU 440107

7/8" EIA Flange for 1-1/4
Andrew Corporation
L46S
SKU 497137

N/M One Piece for 1-1/4"
Andrew Corporation
L6PNM-RPC
SKU 491141

N/F One Piece for 1-1/4"
Andrew Corporation
L6PNF-RPC
SKU 486155

D/M One Piece for 1-1/4"
Andrew Corporation
L6PDM-RPC
SKU 412155

ANDREW Click On Hangers LDF6-50, 10 pack
Andrew Corporation
L6CLICK
SKU 464161

ANDREW 4" Cable Entry Boot
Andrew Corporation
204679A-3
SKU 449128

Hanger Kit, 1-1/4"
Wireless Solutions
BH-114
SKU 77919

Clip Hanger Kit, 1 1/4"
Wireless Solutions
CH-114
SKU 19763

Snap-In Hanger Kit, 1 1/4
Wireless Solutions
SH-U114
SKU 29971

Snap-in Hangers for 1-1/4" corrugated cable
Andrew Corporation
SSH-114
SKU 487158

Cushion Hangers 1H,1-1/4"
Wireless Solutions
CH-A114-1
SKU 82840

Stan Grnd Kit for 1-1/4"
Wireless Solutions
GK-S114
SKU 32926

ANDREW Grounding Kit 1-1/4", 2 Hole
Andrew Corporation
241088-3
SKU 458118

1-1/4" Coax Ground Kit
Harger
CGKBB1-1/4-5
SKU 451133

2' Clip Ground Kit 1-1/4"
Wireless Solutions
GK-C114-2H2
SKU 78187

5' Clip Ground Kit 1-1/4"
Wireless Solutions
GK-C114
SKU 39794

ANDREW SureGround Grounding Kit, 1-1/4", 2 Hole Lug
Andrew Corporation
SGL6-06B2
SKU 475100

1-1/4" HardShell Gnd Kit
Wireless Solutions
GK-114
SKU 11197

Hoisting Grip, 1-1/4"
Wireless Solutions
HG-114
SKU 77336

ANDREW Hoisting Grip 1-1/4" Cable
Andrew Corporation
29961
SKU 454129

Automated tool for LDF6
Andrew Corporation
CPTL6
SKU 462131

ANDREW Grounding kit Prep tool 1-1/4"
Andrew Corporation
GKT-114
SKU 453108

Andrew 1-7/8 Torque Wrench LDF6
Andrew Corporation
244375
SKU 448119

Andrew 1-1/4" Torque Wrench Coupling Din
Andrew Corporation
244377
SKU 469123

Andrew 13/16" Torque Wrench Coupling N Connecotrs
Andrew Corporation
244379
SKU 468172

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Andrew Accessories Quick Pick

Andrew 1-5/8" Foam Cable

7/8" EIA Flange 1 5/8"
Andrew Corporation
L47S
SKU 446188

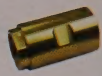
1-5/8" EIA Flange 1 5/8"
Andrew Corporation
L47R
SKU 491134

F Flange Male 1 5/8"
Andrew Corporation
L47F
SKU 493194

N-female for 1 5/8"
Andrew Corporation
L7PNF
SKU 436158

7/16 D/M for 1 5/8"
Andrew Corporation
L7PDM
SKU 454155

N/F Ring Flare for 1 5/8"
Andrew Corporation
L7PNF-RC
SKU 466128



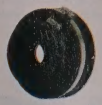
L47Z Splice for LDF7-50A
Andrew Corporation
L47Z
SKU 466120

N-Male One Piece 1 5/8"
Andrew Corporation
L7PNM-RPC
SKU 491148

N/F On 1-5/8"
Andrew C
L7PN
SKU 4

7/16 D/M One Piece 1 5/8"
Andrew Corporation
L7PDM-RPC
SKU 415160

ANDREW Click On Hangers LDF7-50A, 10 pack
Andrew Corporation
L7CLICK
SKU 439114



ANDREW 4" Cable Entry Boot
Andrew Corporation
204679A-4
SKU 455190

ANDREW Standard Hanger Kit, 1-5/8" Cable
Andrew Corporation
42396A-2
SKU 445112

Hanger Kit, 1-5/8"
Wireless Solutions
BH-158
SKU 26312

Clip Hanger Kit, 1 5/8"
Wireless Solutions
CH-158
SKU 58156

Snap-In Hanger Kit, 1 5/8
Wireless Solutions
SH-U158
SKU 68364

ANDREW Hardware Kit, 3/8" x 3/4"
Andrew Corporation
31769-5
SKU 486112

Snap-In Ha 1-5/8" co cab
Andrew C
SSH-
SKU 4

Cushion Hangers 1H,1-5/8"
Wireless Solutions
CH-A158-1
SKU 69626

Stan Grnd Kit for 1-5/8"
Wireless Solutions
GK-S158
SKU 19712

ANDREW Grounding Kit 1-5/8", 1 Hole
Andrew Corporation
204989-4
SKU 411120

1-5/8" Coax Ground Kit
Harger
CGKBB1-5/8-5
SKU 416102

2' Clip Ground Kit 1-5/8"
Wireless Solutions
GK-C158-2H2
SKU 76938

5' Clip Ground Kit 1-5/8"
Wireless Solutions
GK-C158
SKU 38545

5' Clip Ground Kit 1-5/8"
Wireless Solutions
GK-C158S
SKU 25331

SureGround 1-5/8", 2 Hole Lug
Andrew Corporation
SGL7-06B2
SKU 462100

WLS SG Laced H Grip,
Wireless
HG-
SKU 9

ANDREW Support/ Hoist Grip 1 5/8" LDF7-50 Heliax Ca
Andrew Corporation
L7SGRIP
SKU 430146

ANDREW Grounding kit Prep tool 1-5/8"
Andrew Corporation
GKT-158
SKU 448151

Andrew 2-1/4 Torque Wrench LDF7
Andrew Corporation
244374
SKU 479129

Andrew 1-1/4" Torque Wrench Coupling Din
Andrew Corporation
244377
SKU 469123

Andrew 13/16" Torque Wrench Coupling N Connecotrs
Andrew Corporation
244379
SKU 468172

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Commscope Accessories Quick Pick

mmscope 1/2"
l Reach Foam

N/m for 1/2" Cell Reach
CommScope, Inc.
CR540NM
SKU 87208

N/f for 1/2" Cell Reach
CommScope, Inc.
CR540NF
SKU 35601

D/M Rt Angle/ 1/2" CellRe
CommScope, Inc.
CR540DM-R
SKU 89392

DIN/f for 1/2" Cell Reach
CommScope, Inc.
CR540DF
SKU 99173

WLS SOL 1/2" Standard Hanger
Wireless Solutions
BH-S12
SKU 463128

WLS 1/2" Standard Hanger
Wireless Solutions
BH-S12-NH
SKU 447315

Hanger Kit, 1/2"
Wireless Solutions
BH-12
SKU 14347

Hanger Kit, 1/2" NO HRDWR
Wireless Solutions
BH-12-NH
SKU 87381

Snap-In Hanger Kit, 1/2"
Wireless Solutions
SH-U12
SKU 43185

1/2" Snap-In Hanger/Comsc
CommScope, Inc.
540EZC
SKU 86496

Stan Ground Kit for 1/2"
CommScope, Inc.
540SGK
SKU 97212

WLS SOL Pre-Laced Hoisting Grip, 1/2"
Wireless Solutions
HG-12L
SKU 57096

Hoisting Grip, 1/2"
Wireless Solutions
HG-12
SKU 52157

1/2" Coring Tool
CommScope, Inc.
540AUCT
SKU 416347

1/2" Coring Tool
CommScope, Inc.
540UCT
SKU 476369

N Male Solder-LMR600
RF Industries
RFN-1002-2L2
SKU 81900

N Male Crimp - LMR600
RF Industries
RFN-1006-2L2
SKU 83385

N Male Crimp - LMR600
RF Industries
RFN-1006-2L2
SKU 93865

N Female Crimp - LMR600
RF Industries
RFN-1028-2L2
SKU 54223

N Female Crimp - LMR600
RF Industries
RFN-1028-2L2
SKU 78080

7/16 DIN Male - LMR600
RF Industries
RFD-1604-2L2
SKU 416023

7/16 DIN Female - LMR600
RF Industries
RFD-1631-2L2
SKU 496025

Hanger Kit, 1/2" NO HRDWR
Wireless Solutions
BH-12-NH
SKU 87381

ommscope
C600 Coaxial

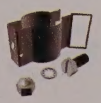
N/m for 7/8" Cell Reach
CommScope, Inc.
CR1070NM
SKU 90011

N/f for 7/8" Cell Reach
CommScope, Inc.
CR1070NF
SKU 38404

DIN/m for 7/8" Cell Reach
CommScope, Inc.
CR1070DM
SKU 76797

Hanger Kit, 7/8"
Wireless Solutions
BH-78
SKU 39526

Hanger Kit, 7/8" NO HRDWR
Wireless Solutions
BH-78-NH
SKU 74167



Clip Hanger Kit, 7/8"
Wireless Solutions
CH-78
SKU 71370

Snap-In Hanger Kit, 7/8"
Wireless Solutions
SH-U78
SKU 81578

7/8" Snap-in hanger kit
CommScope, Inc.
1070EZC
SKU 82531

Stan Grnd Kit for 7/8" CellReach Cable
Wireless Solutions
GK-578CR
SKU 63420

mmscope 7/8"
Reach Foam

Stan Ground Kit for 7/8"
CommScope, Inc.
1070SGK
SKU 24571

WLS SOL Pre-Laced Hoisting Grip, 7/8"
Wireless Solutions
HG-78L
SKU 43882

Hoisting Grip, 7/8"
Wireless Solutions
HG-78
SKU 90550

7/8" Coring Tool
CommScope, Inc.
1070CT
SKU 11976

7/8" Stripping Tool
CommScope, Inc.
1070MSS
SKU 66048

7/8"-7/8" Cold Shrink Kit
CommScope, Inc.
1070-CS
SKU 39758

7/8"-7/8", 1/2" Cold Shrnk
CommScope, Inc.
1070-540CS
SKU 45605

7/8" Coax cable End Cap
StockCap
1.0-1-1/2"IL STK
SKU 49387

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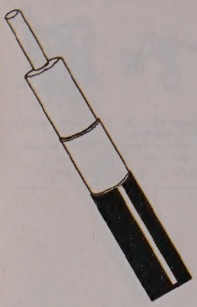
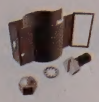
Commscope Accessories Quick Pick



Commscope
1 5/8" Cell Reach
Foam

N Fem for 1 5/8" CellReac
CommScope, Inc.
CR1873NF
SKU 79190

Hanger Kit, 1-5/8"
Wireless Solutions
BH-158
SKU 26312



Clip Hanger Kit, 1 5/8"
Wireless Solutions
CH-158
SKU 58156

Snap-In Hanger Kit, 1 5/8
Wireless Solutions
SH-U158
SKU 68364

1 5/8" Snap-in hanger kit
CommScope, Inc.
1873EZC
SKU 82298

Cushion Hangers 1H,1-5/8"
Wireless Solutions
CH-A158-1
SKU 69626

Stan Grnd Kit for 1-5/8"
Wireless Solutions
GK-S158
SKU 19712

Stan Grnd Kit for 1-5/8" CellReach Cable
Wireless Solutions
GK-S158CR
SKU 63407

Stan Ground 1 5/8
CommScope
1873SG
SKU 86

1-5/8" Coax Ground Kit
Harger
CGK8B1-5/8-5
SKU 416102

2' Clip Ground Kit 1-5/8"
Wireless Solutions
GK-C158-2H2
SKU 76938

5' Clip Ground Kit 1-5/8"
Wireless Solutions
GK-C158S
SKU 25331

1-5/8" HardShell Gnd Kit
Wireless Solutions
GK-158
SKU 49590

WLS SOL Pre-Laced Hoisting Grip, 1-5/8"
Wireless Solutions
HG-158L
SKU 95489

Hoisting Grip, 1 5/8" Cell Reach
Wireless Solutions
HG-158CR
SKU 63380

1 5/8" Stripper Mid-span
CommScope, Inc.
1873MSS
SKU 43905

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Eupen Accessories Quick Pick

Eupen 3/8" EC3 Foam Cable

Prem N Male for 3/8" Cabl
Eupen Cable USA
NM50A-3/8
SKU 95101

Prem N Female - 3/8" Cabl
Eupen Cable USA
NF50A-3/8
SKU 43494

Prem DIN/M for 3/8" Cabl
Eupen Cable USA
7/16M50A-3/8
SKU 81887

Stan Ground Kit for 3/8"
Wireless Solutions
GK-S38
SKU 67985

Eupen 1/2" EC3 Foam Cable

N Male for 1/2" Cable
Eupen Cable USA
NM50V-1/2
SKU 53744

N Female for 1/2" Cable
Eupen Cable USA
NF50V-1/2
SKU 14102

7/16 DIN/m for 1/2" Cable
Eupen Cable USA
7/16M50V-1/2
SKU 52495

7/16 DIN/f for 1/2" Cable
Eupen Cable USA
7/16F50V-1/2
SKU 90888

N Female for 1/2" Cable
Eupen Cable USA
NF50A-1/2
SKU 66849

7/16 DIN/m for 1/2" Cable
Eupen Cable USA
7/16M50A-1/2
SKU 28456

7/16 DIN/f for 1/2" Cable
Eupen Cable USA
7/16F50A-1/2
SKU 62813

Hanger Kit, 1/2"
Wireless Solutions
BH-12
SKU 14347

Hanger Kit, 1/2" NO HRDWR
Wireless Solutions
BH-12-NH
SKU 87381

Clip Hanger Kit, 1/2"
Wireless Solutions
CH-12
SKU 84584

Snap-In Hanger Kit, 1/2"
Wireless Solutions
SH-U12
SKU 43185

Stan Ground Kit for 1/2"
Wireless Solutions
GK-S12
SKU 41669

WLS SOL Pre-Laced Hoisting Grip, 1/2"
Wireless Solutions
HG-12L
SKU 57096

Hoisting Grip, 1/2"
Wireless Solutions
HG-12
SKU 52157

Eupen 7/8" EC3 Foam Cable

N Male for 7/8" Cable
Eupen Cable USA
NM50V-7/8
SKU 39281

N Female for 7/8" Cable
Eupen Cable USA
NF50V-7/8
SKU 77674

7/16 DIN/m for 7/8" Cable
Eupen Cable USA
7/16M50V-7/8
SKU 26067

7/16 DIN/f for 7/8" Cable
Eupen Cable USA
7/16F50V-7/8
SKU 64460

N Male for 7/8" Cable
Eupen Cable USA
NM50A-7/8
SKU 92028

N Female for 7/8" Cable
Eupen Cable USA
NF50A-7/8
SKU 40421

7/16 DIN/f for 7/8" Cable
Eupen Cable USA
7/16F50A-7/8
SKU 53635

Hanger Kit, 7/8"
Wireless Solutions
BH-78
SKU 39526

Hanger Kit, 7/8" NO HRDWR
Wireless Solutions
BH-78-NH
SKU 74167

Clip Hanger Kit, 7/8"
Wireless Solutions
CH-78
SKU 71370

Snap-In Hanger Kit, 7/8"
Wireless Solutions
SH-U78
SKU 81578

Stan Ground Kit for 7/8"
Wireless Solutions
GK-S78
SKU 46140

2' Clip Ground Kit 7/8"
Wireless Solutions
GK-C78-2H2
SKU 53008

5' Clip Ground Kit 7/8"
Wireless Solutions
GK-C78
SKU 14615

5' Clip Ground Kit 7/8"
Wireless Solutions
GK-C78S
SKU 91401

7/8" HardShell Ground Kit
Wireless Solutions
GK-78
SKU 62804

WLS SOL Pre-Laced Hoisting Grip, 7/8"
Wireless Solutions
HG-78L
SKU 43882

Hoisting Grip, 7/8"
Wireless Solutions
HG-78
SKU 90550

7/8" Cutoff Ring Tool
Eupen Cable USA
SG 5228
SKU 44862

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Eupen Accessories Quick Pick

Eupen 1-1/4" EC3 Foam Cable

7/16 DIN/m for 1-1/4" SC
Eupen Cable USA
7/16M50B-114
SKU 28565

7/8 EIA Flange for 1 1/4"
Eupen Cable USA
EIA 7/8 A 1 1/4"
SKU 65980

N Female for 1-1/4" Cable
Eupen Cable USA
NF50V-114
SKU 51246

7/16 DIN/F for 1-1/4" Cab
Eupen Cable USA
7/16F50V-114
SKU 38032

7/16 DIN/M for 1-1/4"
Eupen Cable USA
7/16M50V-114
SKU 89639

1-1/4" Spiral Contact
Eupen Cable USA
W1250PIN-SP
SKU 36571

1-1/4" Smooth Contact
Eupen Cable USA
W1250PIN-SM
SKU 11392

Hanger Kit, 1-1/4"
Wireless Solutions
BH-114
SKU 77919

Clip Hanger 1 1/4"
Wireless Solu
CH-114
SKU 197

Snap-In Hanger Kit, 1 1/4
Wireless Solutions
SH-U114
SKU 29971

Stan Grnd Kit for 1-1/4"
Wireless Solutions
GK-S114
SKU 32926

2' Clip Ground Kit 1-1/4"
Wireless Solutions
GK-C114-2H2
SKU 78187

5' Clip Ground Kit 1-1/4"
Wireless Solutions
GK-C114
SKU 39794

5' Clip Ground Kit 1-1/4"
Wireless Solutions
GK-C114S
SKU 51759

1-1/4" HardShell Gnd Kit
Wireless Solutions
GK-114
SKU 11197

WLS SOL Pre-Laced Hoisting Grip, 1-1/4"
Wireless Solutions
HG-114L
SKU 475196

Hoisting Grip, 1-1/4"
Wireless Solutions
HG-114
SKU 77336

1 1/4" Cutoff Tool
Eupen Cable
SG 5328
SKU 415

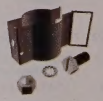
Eupen 1-5/8" EC3 Foam Cable

N Female for 1-5/8" Cable
Eupen Cable USA
NF50V-158
SKU 24818

7/16 DIN/f for 1-5/8" Cbl
Eupen Cable USA
7/16F50V-158
SKU 11604

1-5/8" Center Contact Pin
Eupen Cable USA
W1625-PIN
SKU 62999

Hanger Kit, 1-5/8"
Wireless Solutions
BH-158
SKU 26312



Clip Hanger Kit, 1 5/8"
Wireless Solutions
CH-158
SKU 58156

Snap-In Hanger Kit, 1 5/8
Wireless Solutions
SH-U158
SKU 68364

Stan Grnd Kit for 1-5/8"
Wireless Solutions
GK-S158
SKU 19712

2' Clip Ground Kit 1-5/8"
Wireless Solutions
GK-C158-2H2
SKU 76938

5' Clip Grou 1-5/8"
Wireless Solu
GK-C158
SKU 385

5' Clip Ground Kit 1-5/8"
Wireless Solutions
GK-C158S
SKU 25331

1-5/8" HardShell Gnd Kit
Wireless Solutions
GK-158
SKU 49590

WLS SOL Pre-Laced Hoisting Grip, 1-5/8"
Wireless Solutions
HG-158L
SKU 95489

1 5/8" Cutoff Ring Tool
Eupen Cable USA
SG 5438
SKU 28379

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FAX 410-527-0005
WWW.TESSCO.COM
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RFS Accessories Quick Pick

S CELLFLEX
Superflexible
Foam

S CELLFLEX
3/8" Foam

S CELLFLEX
1/2" Foam

N Male for SCF14-50J
RFS Cablewave
734769
SKU 59867

N Male for SCF14-50J
RFS Cablewave
734779
SKU 63604

N/m Elbow for SCF14-50J
RFS Cablewave
734874
SKU 11997

N Female Bulkhead for 1/4
RFS Cablewave
734817-B
SKU 80519

N Female for SCF14-50J
RFS Cablewave
734780
SKU 50390

SMA Male for SCF14-50J
RFS Cablewave
734771
SKU 46653

SMA Female for SCF14-50
RFS Cablewave
734772
SKU 85046

BNC Male for SCF14-50J
RFS Cablewave
734778
SKU 59476

UHF Male for SCF14-50J
RFS Cablewave
734924
SKU 73194

TNC Male for SCF14-50J
RFS Cablewave
734793
SKU 21587

RFS Conn Tool Kit
RFS Cablewave
916147
SKU 14238

Weatherproofing kit
RFS Cablewave
916132
SKU 19333

N Male for LCF38-50J
RFS Cablewave
734882
SKU 499062

N Male for LCF38-50J
RFS Cablewave
734761
SKU 84936

N Female for LCF38-50J
RFS Cablewave
734762
SKU 46543

UHF Male for LCF38-50J
RFS Cablewave
734773
SKU 71722

UHF Female for LCF38-50J
RFS Cablewave
734774
SKU 33329

TNC Male for LCF38-50J
RFS Cablewave
734835
SKU 76437

RFS Conn Tool Kit
RFS Cablewave
916147
SKU 14238

Weatherproofing kit
RFS Cablewave
916132
SKU 19333

N Male for 1/2",Rapid Fit
RFS Cablewave
15566070
SKU 486060

N Male for LCF12-50J
RFS Cablewave
738802-A
SKU 57179

N/male Solder for LCF12
RFS Cablewave
734736
SKU 26608

N/M Elbow for LCF12-50J
RFS Cablewave
734921
SKU 96863

Premium N/M for 1/2"
RFS Cablewave
734803-A
SKU 30143

Premium N/M for 1/2"
RFS Cablewave
734868-A
SKU 68536

N Female for LCF12-50J
RFS Cablewave
738801-A
SKU 18786

N/female Solder-LCF12
RFS Cablewave
734747
SKU 78215

Premium N/F- 1/2"
RFS Cablewave
734806-A
SKU 55322

7/16-Male for 1/2",Rapid Fit
RFS Cablewave
15565470
SKU 480077

DIN Male for LCF12-50J
RFS Cablewave
734750
SKU 49981

DIN/m Elbow for LCF12-50J
RFS Cablewave
734916
SKU 51639

DIN Female for FLC12-50J
RFS Cablewave
734751
SKU 88374

UHF Male for LCF12-50J
RFS Cablewave
738804
SKU 82358

UHF Female for LCF12-50J
RFS Cablewave
738803
SKU 43965

7/8" EIA for LCF12-50J
RFS Cablewave
738807
SKU 76113

LC male for LCF12-50J
RFS Cablewave
738813
SKU 38044

Splice for LCF12-50J
RFS Cablewave
738806
SKU 95572

Reinstall Kit, 1/2"
RFS Cablewave
914778
SKU 74339

N/F pin, 1/2"
RFS Cablewave
614241
SKU 480064

1/2" Rectangular Cushion
Wireless Solutions
RC-12
SKU 69773

4" Boot Assy, (1) 1/2"
Wireless Solutions
BA-12-1A
SKU 84231

4" Boot Assy, (2) 1/2"
Wireless Solutions
BA-12-2A
SKU 32624

4" Boot Assy, (3) 1/2"
Wireless Solutions
BA-12-3A
SKU 71017

4" Boot Assy, (4) 1/2"
Wireless Solutions
BA-12-4A
SKU 19410

4" Boot for 1/2" Foam
Microflect/Valmont
B1126A
SKU 37907

4" Boot for 1/2" Foam
Microflect/Valmont
B1189A
SKU 49872

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RFS Accessories Quick Pick

4" Boot (2) 1/2" (1) 7/8"
Microflect/Valmont
B1251A
SKU 48602

4" Boot for 1/2"- 3 Runs
Microflect/Valmont
B1112A
SKU 63086

4" Boot for 1/2"- 4 Runs
Microflect/Valmont
B1402A
SKU 67625

5" Boot Assy, (1) 1/2"
Wireless Solutions
BA-12-1B
SKU 56554

5" Boot Assy, (2) 1/2"
Wireless Solutions
BA-12-2B
SKU 94947

5" Boot Assy, (3) 1/2"
Wireless Solutions
BA-12-3B
SKU 43340

5" Boot Assy, (4) 1/2"
Wireless Solutions
BA-12-4B
SKU 30126

5" Boot for 1/2" Foam
Microflect/Valmont
B11898
SKU 88265

5" Boot (
(1) 7
Microflect/
B115
SKU 2

5" Boot for 4 Runs 1/2"
Microflect/Valmont
B1402B
SKU 16018

5" Boot (1) 1/2" (2) 7/8"
Microflect/Valmont
B1341B
SKU 41197

1/2" Round Cushion 1 Hole
Wireless Solutions
SC-12-1
SKU 75018

1/2" Round Cushion 2 Hole
Wireless Solutions
SC-12-2
SKU 61804

1/2" Round Cushion 3 Hole
Wireless Solutions
SC-12-3
SKU 84236

1/2" Round Cushion 4 hole
Wireless Solutions
SC-12-4
SKU 19094

1/2" plug for cshn holes
Wireless Solutions
CP-12
SKU 82560

Cushion-1/2" Cable/ 5 Pk.
Microflect/Valmont
B1126
SKU 83595

2 Hole C
1/2" C
Microflect/
B11
SKU 1

3 Hole Cushion/ 1/2" Cable
Microflect/Valmont
B1112
SKU 57167

4 Hole Cushion/ 1/2" Cable
Microflect/Valmont
B1402
SKU 29232

3 Hole Cush/ 2-7/8" 1-1/2"
Microflect/Valmont
B1341
SKU 30186

3 Hole Cush/ 2-1/2" 1-7/8"
Microflect/Valmont
B1251
SKU 86995

1/2" hole plugs for boots
Microflect/Valmont
B1604
SKU 34297

Hanger Kit, 1/2"
Wireless Solutions
BH-12
SKU 14347

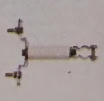
Hanger Kit, 1/2" NO HRDWR
Wireless Solutions
BH-12-NH
SKU 87381

1/2" Non-insulated Hanger
RFS Cablewave
920981-010
SKU 13790

Clip Hang
1/2
Wireless S
CH-
SKU 8

Snap-In Hanger Kit, 1/2" 1/2"
Wireless Solutions
SH-U12
SKU 43185

1/2" Snap-in Hanger Kit
RFS Cablewave
915659
SKU 75431



1/2" Insulated Hanger
RFS Cablewave
920150-001
SKU 79525

Cushion Hangers 1H,1/2"
Wireless Solutions
CH-A12-1
SKU 48194

Cushion Hangers 2H,1/2"
Wireless Solutions
CH-A12-2
SKU 33731

Cushion Hangers 3H,1/2" (5 PER PACKAGE)
Wireless Solutions
CH-A12-3
SKU 20517

Cushion Hangers 4H,1/2"
Wireless Solutions
CH-A12-4
SKU 58910

Stan Ground Kit for 1/2"
Wireless Solutions
GK-S12
SKU 41669

Groundi
1/2",2
RFS Cabl
921231
SKU 4

Grounding Kit- 1/2",2H,Cmp
RFS Cablewave
921232-012
SKU 445057

2' Clip Ground Kit 1/2"
RFS Cablewave
916383
SKU 95108

5' Clip Ground Kit 1/2"
RFS Cablewave
916382
SKU 69929

Cable Grounding Clamp
RFS Celwave
PD477
SKU 46531

WLS SOL Pre-Laced Hoisting Grip, 1/2"
Wireless Solutions
HG-12L
SKU 57096

Hoisting Grip, 1/2"
Wireless Solutions
HG-12
SKU 52157

Hoisting Grip, 3/8", 1/2"
RFS Cablewave
916534-012
SKU 444044

Rapid Fit Prep Tool-1/2" Cable Connectors
RFS Cablewave
15568106
SKU 490025

Prep To
LCF1/
RFS Cabl
9212
SKU 3

RFS Conn Tool Kit
RFS Cablewave
916147
SKU 14238

Weatherproofing kit
RFS Cablewave
916132
SKU 19333

1/2" (N) Cold Shrink
RFS Cablewave
915932
SKU 18712

1/2"-Ant.(N) Cold Shrink
RFS Cablewave
915934
SKU 95498

1/2"-Ant.DIN Cold Shrink
RFS Cablewave
915949
SKU 82284

7/8"-1/2"(N) Cold Shrink
RFS Cablewave
915933
SKU 55856

7/8"-1/2" DIN Cold Shrink
RFS Cablewave
915943
SKU 94249

Large-1/2"(N) Cold Shrink
RFS Cablewave
915935
SKU 16214

Large-1/
Cold S
RFS Cab
9159
SKU 5

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RFS Accessories Quick Pick

S CELLFLEX
Superflexible
Foam

N Male for SCF12-50J
RFS Cablewave
734904
SKU 28452

Premium N/m for SCF12
RFS Cablewave
734864
SKU 75569

Premium N/m for SCF12
RFS Cablewave
734807
SKU 24349

N/m Elbow for SCF12-50J
RFS Cablewave
734897
SKU 46505

N Female for SCF12-50J
RFS Cablewave
734710
SKU 81125

N Female for SCF12-50J
RFS Cablewave
734932
SKU 14541

UHF Male for SCF12-50J
RFS Cablewave
734745
SKU 51258

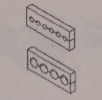
UHF Female for SCF12-50
RFS Cablewave
734923
SKU 93733

DIN Male for SCF12-50J
RFS Cablewave
734832
SKU 84898

DIN/m Elbow for SCF12
RFS Cablewave
734931
SKU 62355

DIN Female for SCF12-50
RFS Cablewave
734833
SKU 33291

7/8" EIA for SCF12-50J
RFS Cablewave
734898
SKU 72690



1/2" Rectangular Cushion
Wireless Solutions
RC-12
SKU 69773

4" Boot Assy, (1) 1/2"
Wireless Solutions
BA-12-1A
SKU 84231

4" Boot Assy, (2) 1/2"
Wireless Solutions
BA-12-2A
SKU 32624

4" Boot Assy, (3) 1/2"
Wireless Solutions
BA-12-3A
SKU 71017

4" Boot Assy, (4) 1/2"
Wireless Solutions
BA-12-4A
SKU 19410

5" Boot Assy, (1) 1/2"
Wireless Solutions
BA-12-1B
SKU 56554

5" Boot Assy, (2) 1/2"
Wireless Solutions
BA-12-2B
SKU 94947

5" Boot Assy, (3) 1/2"
Wireless Solutions
BA-12-3B
SKU 43340

5" Boot Assy, (4) 1/2"
Wireless Solutions
BA-12-4B
SKU 30126

1/2" Round Cushion 1 Hole
Wireless Solutions
SC-12-1
SKU 75018

1/2" Round Cushion 2 Hole
Wireless Solutions
SC-12-2
SKU 61804

1/2" Round Cushion 3 Hole
Wireless Solutions
SC-12-3
SKU 84236

1/2" Round Cushion 4 hole
Wireless Solutions
SC-12-4
SKU 19094

1/2" plug for cshn holes
Wireless Solutions
CP-12
SKU 82560

Hanger Kit, 1/2"
Wireless Solutions
BH-12
SKU 14347

Hanger Kit, 1/2" NO HRDWR
Wireless Solutions
BH-12-NH
SKU 87381

1/2" Non-insulated Hanger
RFS Cablewave
920981-010
SKU 13790

Clip Hanger Kit, 1/2"
Wireless Solutions
CH-12
SKU 84584

Snap-In Hanger Kit, 1/2"
Wireless Solutions
SH-U12
SKU 43185

1/2" Snap-in Hanger Kit
RFS Cablewave
915659
SKU 75431

1/2" Insulated Hanger
RFS Cablewave
920150-001
SKU 79525

Cushion Hangers 1H,1/2"
Wireless Solutions
CH-A12-1
SKU 48194

Cushion Hangers 2H,1/2"
Wireless Solutions
CH-A12-2
SKU 33731

Cushion Hangers 3H,1/2" (5 PER PACKAGE)
Wireless Solutions
CH-A12-3
SKU 20517

Cushion Hangers 4H,1/2"
Wireless Solutions
CH-A12-4
SKU 58910

Stan Ground Kit for 1/2"
Wireless Solutions
GK-S12
SKU 41669

Grounding Kit-1/2",2 Hole
RFS Cablewave
921231-012
SKU 411076

Grounding Kit-1/2",2H,Cmp
RFS Cablewave
921232-012
SKU 445057

2' Clip Ground Kit 1/2"
RFS Cablewave
916383
SKU 95108

5' Clip Ground Kit 1/2"
RFS Cablewave
916382
SKU 69929

Cable Grounding Clamp
RFS Celwave
PD477
SKU 46531

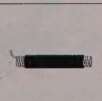
WLS SOL Pre-Laced Hoisting Grip, 1/2"
Wireless Solutions
HG-12L
SKU 57096

Hoisting Grip, 1/2"
Wireless Solutions
HG-12
SKU 52157

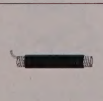
Hoisting Grip, 3/8", 1/2"
RFS Cablewave
916534-012
SKU 444044

Prep Tool for SCF12
RFS Cablewave
921201
SKU 89870

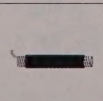
RFS Conn Tool Kit
RFS Cablewave
916147
SKU 14238



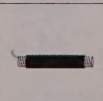
1/2" (N) Cold Shrink
RFS Cablewave
915932
SKU 18712



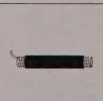
1/2"-Ant.(N) Cold Shrink
RFS Cablewave
915934
SKU 95498



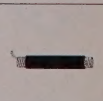
1/2"S-Ant.DIN Cold Shrink
RFS Cablewave
915950
SKU 30677



7/8"-1/2"(N) Cold Shrink
RFS Cablewave
915933
SKU 55856



7/8"-1/2"S DIN ColdShrink
RFS Cablewave
915945
SKU 42642



Large-1/2"S DIN CldShrink
RFS Cablewave
915946
SKU 79786

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RFS Accessories Quick Pick

RFS HELIFLEX
1/2" Air Plenum

N Male for LCF12-50J
RFS Cablewave
738802-A
SKU 57179

N/M Elbow for LCF12-50J
RFS Cablewave
734921
SKU 96863

Premium N/M for 1/2"
RFS Cablewave
734803-A
SKU 30143

Premium N/M for 1/2"
RFS Cablewave
734868-A
SKU 68536

N Female for LCF12-50J
RFS Cablewave
738801-A
SKU 18786

Premium N/F-1/2"
RFS Cablewave
734806-A
SKU 55322

DIN Male for LCF12-50J
RFS Cablewave
734750
SKU 49981

DIN/m Elbow for LCF12-50J
RFS Cablewave
734916
SKU 51639

DIN Fem FLCI12
RFS Cab
734
SKU 8

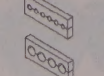
UHF Male for LCF12-50J
RFS Cablewave
738804
SKU 82358

UHF Female for LCF12-50J
RFS Cablewave
738803
SKU 43965

7/8" EIA for LCF12-50J
RFS Cablewave
738807
SKU 76113

LC male for LCF12-50J
RFS Cablewave
738813
SKU 38044

Splice for LCF12-50J
RFS Cablewave
738806
SKU 95572



1/2" Rectangular Cushion
Wireless Solutions
RC-12
SKU 69773

4" Boot Assy, (1) 1/2"
Wireless Solutions
BA-12-1A
SKU 84231

4" Boot Assy, (2) 1/2"
Wireless Solutions
BA-12-2A
SKU 32624

4" Boot Assy, (3) 1/
Wireless So
BA-12-
SKU 7

4" Boot Assy, (4) 1/2"
Wireless Solutions
BA-12-4A
SKU 19410

5" Boot Assy, (1) 1/2"
Wireless Solutions
BA-12-1B
SKU 56554

5" Boot Assy, (2) 1/2"
Wireless Solutions
BA-12-2B
SKU 94947

5" Boot Assy, (3) 1/2"
Wireless Solutions
BA-12-3B
SKU 43340

5" Boot Assy, (4) 1/2"
Wireless Solutions
BA-12-4B
SKU 30126

1/2" Round Cushion 1 Hole
Wireless Solutions
SC-12-1
SKU 75018

1/2" Round Cushion 2 Hole
Wireless Solutions
SC-12-2
SKU 61804

1/2" Round Cushion 3 Hole
Wireless Solutions
SC-12-3
SKU 84236

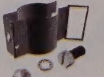
1/2" Round C 4 hol
Wireless So
SC-12-
SKU 19

1/2" plug for cshn holes
Wireless Solutions
CP-12
SKU 82560

Hanger Kit, 1/2"
Wireless Solutions
BH-12
SKU 14347

Hanger Kit, 1/2" NO HRDWR
Wireless Solutions
BH-12-NH
SKU 87381

1/2" Non-insulated Hanger
RFS Cablewave
920981-010
SKU 13790



Clip Hanger Kit, 1/2"
Wireless Solutions
CH-12
SKU 84584

Snap-In Hanger Kit, 1/2"
Wireless Solutions
SH-U12
SKU 43185

1/2" Snap-in Hanger Kit
RFS Cablewave
915659
SKU 75431

1/2" Insulated Hanger
RFS Cablewave
920150-001
SKU 79525

Cushion Ha 1H,1/2
Wireless Sol
CH-A12
SKU 48

Cushion Hangers 2H,1/2"
Wireless Solutions
CH-A12-2
SKU 33731

Cushion Hangers 3H,1/2" (5 PER PACKAGE)
Wireless Solutions
CH-A12-3
SKU 20517

Cushion Hangers 4H,1/2"
Wireless Solutions
CH-A12-4
SKU 58910

Stan Ground Kit for 1/2"
Wireless Solutions
GK-S12
SKU 41669

Grounding Kit-1/2",2 Hole
RFS Cablewave
921231-012
SKU 411076

Grounding Kit-1/2",2H,Cmp
RFS Cablewave
921232-012
SKU 445057

2' Clip Ground Kit 1/2"
RFS Cablewave
916383
SKU 95108

5' Clip Ground Kit - 1/2"
RFS Cablewave
916382
SKU 69929

Cable Grou Clamp
RFS Cabl
PD477
SKU 46

WLS SOL Pre-Laced Hoisting Grip, 1/2"
Wireless Solutions
HG-12L
SKU 57096

Hoisting Grip, 1/2"
Wireless Solutions
HG-12
SKU 52157

Hoisting Grip, 3/8", 1/2"
RFS Cablewave
916534-012
SKU 444044

RFS Conn Tool Kit
RFS Cablewave
916147
SKU 14238

1/2" (N) Cold Shrink
RFS Cablewave
915932
SKU 18712

1/2"-Ant.(N) Cold Shrink
RFS Cablewave
915934
SKU 95498

1/2"-Ant.DIN Cold Shrink
RFS Cablewave
915949
SKU 82284

7/8"-1/2"(N) Cold Shrink
RFS Cablewave
915933
SKU 55856

7/8"-1/2" Cold Shr
RFS Cables
915943
SKU 94

Large-1/2"(N) Cold Shrink
RFS Cablewave
915935
SKU 16214

Large-1/2"DIN Cold Shrink
RFS Cablewave
915944
SKU 54607

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See TESSCO.com for latest pricing and pr
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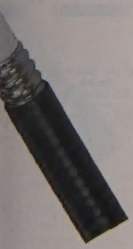
RFS Accessories Quick Pick



S CELLFLEX
5/8" Foam

S CELLFLEX
7/8" Foam

N Male for 5/8",Rapid Fit RFS Cablewave 15591070 SKU 456320

Hanger Kit, 5/8" NO HRDWR Wireless Solutions BH-58-NH SKU 35774

5/8" Hanger Kit RFS Cablewave 920981-019 SKU 472177

Snap-In Hanger Kit, 5/8" 5/8" Wireless Solutions SH-U58 SKU 37478

Snap-in Hanger Kit RFS Cablewave 916687 SKU 490165

Grounding Kit-5/8",2H,Cmp RFS Cablewave 921232-058 SKU 478181

5/8" Coax Ground Kit Harger CGKBB5/8-5 SKU 494188

Hoisting Grip, 5/8",Cable Wireless Solutions HG-58 SKU 496013

Hoisting Grip, 5/8" RFS Cablewave 916534-058 SKU 478123

N/male for LCF78-50J RFS Cablewave 738841 SKU 54681

N/female for LCF78-50J RFS Cablewave 738842 SKU 29502

UHF/male for LCF78-50J RFS Cablewave 738843 SKU 15039

7/8" EIA for LCF78-50J RFS Cablewave 738845 SKU 94323

Splice for LCF78-50J RFS Cablewave 738846 SKU 41467

Premium N/m for LCF78-50J RFS Cablewave 734804 SKU 17922

Rapid Fit N/F / LCF78-50J RFS Cablewave 15571170 SKU 479094

Premium N/f for LCF78-50J RFS Cablewave 734837 SKU 46522

7/16 DIN/m for LCF78-50J RFS Cablewave 734737-A SKU 36767

Rapid Fit Din/F LCF78-50J RFS Cablewave 15570570 SKU 410019

DIN/m Elbow for LCF78-50J RFS Cablewave 734919 SKU 38425

DIN/f Bulkhead for LCF78 RFS Cablewave 734752-B SKU 25211

7/16 DIN/f for FLC78-50J RFS Cablewave 734752-A SKU 75160

Reinstall Kit, 7/8" RFS Cablewave 915084 SKU 29167

N/f pin, 7/8" RFS Cablewave 624141 SKU 60608

Hanger Kit, 7/8" Wireless Solutions BH-78 SKU 39526

Hanger Kit, 7/8" NO HRDWR Wireless Solutions BH-78-NH SKU 74167

7/8" Hanger Kit RFS Cablewave 920981-007 SKU 88078

Clip Hanger Kit, 7/8" Wireless Solutions CH-78 SKU 71370

7/8" Snap-in Hanger Kit RFS Cablewave 915660 SKU 23824

Snap-In Hanger Kit, 7/8" Wireless Solutions SH-U78 SKU 81578

7/8" Insulated Hanger RFS Cablewave 920150-002 SKU 36471

Cushion Hangers 1H,7/8" Wireless Solutions CH-A78-1 SKU 84089

Cushion Hangers 2H,7/8" Wireless Solutions CH-A78-2 SKU 19268

Cushion Hangers 3H,7/8" Wireless Solutions CH-A78-3 SKU 57661

Cushion Hangers 4H,7/8" Wireless Solutions CH-A78-4 SKU 96054

Stan Ground Kit for 7/8" Wireless Solutions GK-S78 SKU 46140

Grounding Kit-7/8",2H,Cmp RFS Cablewave 921232-078 SKU 457003

2' Clip Ground Kit 7/8" Wireless Solutions GK-C78-2H2 SKU 53008

5' Clip Ground Kit 7/8" Wireless Solutions GK-C78 SKU 14615

5' Clip Ground Kit 7/8" Wireless Solutions GK-C78S SKU 91401

2' Clip Ground Kit 7/8" RFS Cablewave 916386 SKU 17073

5' Clip Ground Kit 7/8" RFS Cablewave 916385 SKU 43501

7/8" HardShell Ground Kit Wireless Solutions GK-78 SKU 62804

WLS SOL Pre-Laced Hoisting Grip, 7/8" Wireless Solutions HG-78L SKU 43882

Hoisting Grip, 7/8" RFS Cablewave 916535-078 SKU 484108

Hoisting Grip, 7/8" Wireless Solutions HG-78 SKU 90550

Hoisting Grip, 7/8" RFS Cablewave 916534-078 SKU 455042

Rapid Fit Cable Prep Tool for 7/8" Cable RFS Cablewave 15573602 SKU 423014

RFS Auto Prep tool-7/8" RFS Cablewave 921218 SKU 431002

Prep Tool for LCF78-50 RFS Cablewave 921199 SKU 76656

RFS Auto Prep tool-7/8" RFS Cablewave 921273 SKU 435093

7/8" Manual Stripping Tool RFS Cablewave 916476 SKU 499065

7/8" Cable Repair Kit RFS Cablewave 913782 SKU 61190

RFS Conn Tool Kit RFS Cablewave 916147 SKU 14238

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RFS Accessories Quick Pick

Blue HS Tubing 1/2 & 7/8"
Wireless Solutions
CM-78B
SKU 71213

Green HS Tubing 1/2 & 7/8
Wireless Solutions
CM-78G
SKU 84427

Red HS Tubing 1/2 & 7/8"
Wireless Solutions
CM-78R
SKU 19606

White HS Tubing 1/2 & 7/8
Wireless Solutions
CM-78W
SKU 57999

Yellow HS Tubing 1/2 & 7/8
Wireless Solutions
CM-78Y
SKU 44785

Weatherproofing kit
RFS Cablewave
916132
SKU 19333

7/8"-1/2"(N) Cold Shrink
RFS Cablewave
915933
SKU 55856

7/8"-1/2" DIN Cold Shrink
RFS Cablewave
915943
SKU 94249

7/8"-1/2"S ColdShr
RFS Cable
91594
SKU 42

7/8"-7/8" Cold Shrink
RFS Cablewave
915937
SKU 81035

7/8"-Ant.(N) Cold Shrink
RFS Cablewave
915948
SKU 29428

7/8"-Arr.(N) Cold Shrink
RFS Cablewave
915951
SKU 67821

Large-7/8" Cold Shrink
RFS Cablewave
915947
SKU 28179

RFS Ultraflexible 7/8" Foam

7/16 Din Male for UCF78-50J
RFS Cablewave
736009
SKU 63598

7/16 Din Female for UCF78-50J
RFS Cablewave
736010
SKU 63602

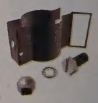
N/Female for UCF78-50J
RFS Cablewave
736008
SKU 63591

N/male for UCF78-50J
RFS Cablewave
736007
SKU 63551

RFS 7/8" Wall/Roof Feed Through
RFS Cablewave
921248-078
SKU 439158

Hanger Kit, 7/8" NO HRDWR
Wireless Solutions
BH-78-NH
SKU 74167

7/8" Hanger Kit
RFS Cablewave
920981-007
SKU 88078



Clip Hanger Kit, 7/8"
Wireless Solutions
CH-78
SKU 71370

7/8" Snap-in Kit
RFS Cable
91566
SKU 23

Snap-In Hanger Kit, 7/8"
Wireless Solutions
SH-U78
SKU 81578

7/8" Insulated Hanger
RFS Cablewave
920150-002
SKU 36471

Cushion Hangers 1H,7/8"
Wireless Solutions
CH-A78-1
SKU 84089

Cushion Hangers 2H,7/8"
Wireless Solutions
CH-A78-2
SKU 19268

Cushion Hangers 3H,7/8"
Wireless Solutions
CH-A78-3
SKU 57661

Cushion Hangers 4H,7/8"
Wireless Solutions
CH-A78-4
SKU 96054

Stan Ground Kit for 7/8"
Wireless Solutions
GK-S78
SKU 46140

Grounding Kit -7/8",2H,Cmp
RFS Cablewave
921232-078
SKU 457003

2' Clip Grou 7/8"
Wireless Sol
GK-C78-2
SKU 53

5' Clip Ground Kit 7/8"
Wireless Solutions
GK-C78
SKU 14615

5' Clip Ground Kit 7/8"
Wireless Solutions
GK-C78S
SKU 91401

2' Clip Ground Kit 7/8"
RFS Cablewave
916386
SKU 17073

5' Clip Ground Kit 7/8"
RFS Cablewave
916385
SKU 43501

7/8" HardShell Ground Kit
Wireless Solutions
GK-78
SKU 62804

Cable Grounding Clamp
RFS Celwave
PD477
SKU 46531

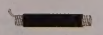
WLS SOL Pre-Laced Hoisting Grip, 7/8"
Wireless Solutions
HG-78L
SKU 43882

Hoisting Grip, 7/8"
Wireless Solutions
HG-78
SKU 90550

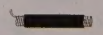
Hoisting Gri
RFS Cable
916534-0
SKU 455

Prep Tool for LCF78-50
RFS Cablewave
921199
SKU 76656

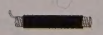
7/8" Cable Repair Kit
RFS Cablewave
913782
SKU 61190



7/8"-1/2"(N) Cold Shrink
RFS Cablewave
915933
SKU 55856



7/8"-1/2"S DIN ColdShrink
RFS Cablewave
915945
SKU 42642



7/8"-7/8" Cold Shrink
RFS Cablewave
915937
SKU 81035

7/8"-Ant.(N) Cold Shrink
RFS Cablewave
915948
SKU 29428

7/8"-Arr.(N) Cold Shrink
RFS Cablewave
915951
SKU 67821

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FAX 410-527-0005
WWW.TESSCO.COM
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RFS Accessories Quick Pick

S CELLFLEX
-1/4" Foam

N Male for LCF114-50J
RFS Cablewave
738882
SKU 91825

N Female for LCF114-50J
RFS Cablewave
738883
SKU 53432

7/8" EIA for LCF114-50J
RFS Cablewave
738880
SKU 24506

1-5/8" EIA for LCF114-50J
RFS Cablewave
738881
SKU 77362

Splice for LCF114-50J
RFS Cablewave
738885
SKU 40218

Premium N/m for LCF114-50
RFS Cablewave
734838
SKU 58487

Premium N/f for LCF114-50
RFS Cablewave
734839
SKU 96880

7/16 DIN/f for LCF114-50J
RFS Cablewave
734754
SKU 10339

7/16 DIN/m for LCF114-50J
RFS Cablewave
734753
SKU 61946

Hanger Kit, 1-1/4"
Wireless Solutions
BH-114
SKU 77919

1-1/4" Hanger Kit
RFS Cablewave
920981-004
SKU 86829

Clip Hanger Kit, 1 1/4"
Wireless Solutions
CH-114
SKU 19763

Snap-In Hanger Kit, 1 1/4
Wireless Solutions
SH-U114
SKU 29971

1-1/4" Snap-in Hanger Kit
RFS Cablewave
915594
SKU 62217

1-1/4" Insulated Hanger
RFS Cablewave
920161-009
SKU 14704

Cushion Hangers 1H,1-1/4"
Wireless Solutions
CH-A114-1
SKU 82840

Stan Grnd Kit for 1-1/4"
Wireless Solutions
GK-S114
SKU 32926

2' Clip Ground Kit 1-1/4"
Wireless Solutions
GK-C114-2H2
SKU 78187

5' Clip Ground Kit 1-1/4"
Wireless Solutions
GK-C114
SKU 39794

5' Clip Ground Kit 1-1/4"
Wireless Solutions
GK-C114S
SKU 51759

2' Clip Ground Kit 1 1/4"
RFS Cablewave
916389
SKU 55466

5' Clip Ground Kit 1 1/4"
RFS Cablewave
916388
SKU 81894

1-1/4" HardShell Gnd Kit
Wireless Solutions
GK-114
SKU 11197

Hoisting Grip, 1-1/4"
Wireless Solutions
HG-114
SKU 77336

Hoisting Grip, 1-1/4"
RFS Cablewave
916534-114
SKU 436066

RFS Auto Prep tool-1-1/4"
RFS Cablewave
921216
SKU 11391

1 1/4" Manual Stripping Tool
RFS Cablewave
916477
SKU 424063

1-1/4" Or 1-5/8" Cable Repair Kit
RFS Cablewave
913783
SKU 75588

RFS Conn Tool Kit
RFS Cablewave
916147
SKU 14238

Weatherproofing kit
RFS Cablewave
916132
SKU 19333

Large-1/2"(N) Cold Shrink
RFS Cablewave
915935
SKU 16214

Large-1/2"DIN Cold Shrink
RFS Cablewave
915944
SKU 54607

Large-7/8" Cold Shrink
RFS Cablewave
915947
SKU 28179

Large-Large Cold Shrink
RFS Cablewave
915936
SKU 66572

S CELLFLEX
-5/8" Foam

N Male for LCF158-50J
RFS Cablewave
738850
SKU 45938

N Female for LCF158-50J
RFS Cablewave
738851
SKU 97545

7/8" EIA for LCF158-50J
RFS Cablewave
738854
SKU 90051

1-5/8" EIA for LCF158-50J
RFS Cablewave
738853
SKU 51658

Splice for LCF158-50J
RFS Cablewave
738855
SKU 38444

Premium N/m for LCF158-50
RFS Cablewave
734840
SKU 32059

Rapid Fit N/F LCF158-07
RFS Cablewave
15576170
SKU 415099

Premium N/f for LCF158-50
RFS Cablewave
738863
SKU 70452

7/16 DIN/m for LCF158-50J
RFS Cablewave
734755
SKU 48732

7/16 DIN/f for FLC158-50J
RFS Cablewave
734756
SKU 87125

Rapid Fit 7/16 F LCF158
RFS Cablewave
15575570
SKU 446058

1-5/8" EIA to N/f Adapter
RFS Cablewave
920242
SKU 33448

3-1/8" EIA to N/f Adapter
RFS Cablewave
920243
SKU 31475

1-5/8"-7/8" Taper Reducer
RFS Cablewave
920249
SKU 54817

1-5/8"-7/8" Plate Reducer
RFS Cablewave
920247
SKU 71841

3-1/8" to 1-5/8" Reducer
RFS Cablewave
920248
SKU 10233

4"CABLE BOOT FOR 1-5/8"
RFS Cablewave
915662
SKU 42244

Hanger Kit, 1-5/8"
Wireless Solutions
BH-158
SKU 26312

1-5/8" Hanger Kit
RFS Cablewave
920159-003
SKU 59152

Clip Hanger Kit, 1 5/8"
Wireless Solutions
CH-158
SKU 58156

Snap-In Hanger Kit, 1 5/8
Wireless Solutions
SH-U158
SKU 68364

1-5/8" Snap-in Hanger Kit
RFS Cablewave
915661B
SKU 49003

1-5/8" Insulated Hanger
RFS Cablewave
920161-003
SKU 47911

Cushion Hangers 1H,1-5/8"
Wireless Solutions
CH-A158-1
SKU 69626

Stan Grnd Kit for 1-5/8"
Wireless Solutions
GK-S158
SKU 19712

Grounding Kit-1-5/8",2H
RFS Cablewave
921231-158
SKU 420076

Grounding Kit-1-5/8"
RFS Cablewave
921232-158
SKU 90017

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RFS Accessories Quick Pick

2' Clip Ground Kit 1-5/8"
Wireless Solutions
GK-C158-2H2
SKU 76938

5' Clip Ground Kit 1-5/8"
Wireless Solutions
GK-C158
SKU 38545

5' Clip Ground Kit 1-5/8"
Wireless Solutions
GK-C158S
SKU 25331

2' Clip Ground Kit 1 5/8"
RFS Cablewave
916392
SKU 93859

5' Clip Ground Kit 1 5/8"
RFS Cablewave
916391
SKU 30287

1-5/8" HardShell Gnd Kit
Wireless Solutions
GK-158
SKU 49590

WLS SOL Pre-Laced Hoisting Grip, 1-5/8"
Wireless Solutions
HG-158L
SKU 95489

Hoisting Grip, 1-5/8"
RFS Cablewave
916534-158
SKU 470092

Rapid Fit C Prep Tu 1 5/8" Ca
RFS Cablew
1557832
SKU 439

RFS Auto Prep tool-1-5/8"
RFS Cablewave
921217
SKU 49784

1 5/8" Manual Stripping Tool
RFS Cablewave
916423
SKU 36570

1-1/4" Or 1-5/8" Cable Repair Kit
RFS Cablewave
913783
SKU 75588

RFS Conn Tool Kit
RFS Cablewave
916147
SKU 14238

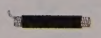
Weatherproofing kit
RFS Cablewave
916132
SKU 19333

Large-1/2"(N) Cold Shrink
RFS Cablewave
915935
SKU 16214

Large-1/2"DIN Cold Shrink
RFS Cablewave
915944
SKU 54607

Large-1/2"S DIN CldShrink
RFS Cablewave
915946
SKU 79786

Large-7/ Cold Shr
RFS Cablew
915947
SKU 281



Large-Large Cold Shrink
RFS Cablewave
915936
SKU 66572

RFS CELLFLEX
2-1/4" Foam

7/16 DIN/M for FLC/LCF214-50J
RFS Cablewave
734948
SKU 64926

Hanger Kit, 2-1/4"
Wireless Solutions
BH-214
SKU 76214

Hanger Kit,2 1/ 4"NO HRDWR
Wireless Solutions
BH-214-NH
SKU 99346

2-1/4" Hanger Kit
RFS Cablewave
920981-001
SKU 89579

Snap-In Hanger Kit, 2 1/4
Wireless Solutions
SH-U214
SKU 66679

2-1/4" Snap-in Hanger Kit
RFS Cablewave
916072
SKU 34120

Cushion Hangers 1H,2-1/4"
Wireless Solutions
CH-A214-1
SKU 18019

Stan Grnd Kit for 2-1/4"
Wireless Solutions
GK-S214
SKU 14471

2' Clip Groun 2-1/4"
Wireless Solut
GK-C214-2
SKU 121

5' Clip Ground Kit 2-1/4"
Wireless Solutions
GK-C214
SKU 63724

5' Clip Ground Kit 2-1/4"
Wireless Solutions
GK-C214S
SKU 50510

5' Clip Ground Kit 2 1/4"
RFS Cablewave
916394
SKU 68680

Hoisting Grip, 2-1/4"
RFS Cablewave
916534-214
SKU 473066

RFS Conn Tool Kit
RFS Cablewave
916147
SKU 14238

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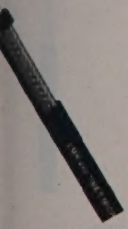
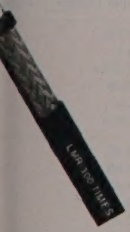
Times Accessories Quick Pick



es Microwave
Braided Foam



es Microwave
16" Braided
Foam

N Male for 1/4" LMR-240
Times Microwave
TC-240-NMC
SKU 24548

N Male for 1/4" LMR-240
Times Microwave
TC-240-NMH
SKU 59658

N Female for 1/4" LMR-240
Times Microwave
TC-240-NF-BH(A)
SKU 71490

N M-Rt Angle 1/4" LMR-240
Times Microwave
TC-240-NMH-RA (A)
SKU 71501

SMA/F Bulkhead for 1/4" LMR-240
Times Microwave
TC-240-SF-BH
SKU 62052

Rt Angle SMA-Male/LMR-240
Times Microwave
TC-240-SM-RA
SKU 65920

SMA/M for 1/4" LMR-240
Times Microwave
TC-240-SM
SKU 74906

TNC/M for 1/4" LMR-240
Times Microwave
TC-240-TM
SKU 62842

BNC/M for 1/4" LMR-240
Times Microwave
TC-240-BMC
SKU 62941

BNC Male for 1/4" LMR-240
Times Microwave
TC-240-BM(A)
SKU 71499

N-male right angle crimp
Times Microwave
TC-300-NM-RA
SKU 44277

N-male crimp connector
Times Microwave
TC-300-NM
SKU 82670

SMA/F BulkHeadd 5/16 LMR-300
Times Microwave
TC-300-SF-BH
SKU 71511

SMA/M for 5/16" LMR-300
Times Microwave
TC-300-SM
SKU 74795

TNC/M for 5/16" LMR-300
Times Microwave
TC-300-TM-O
SKU 34201

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1/4" Superflexible Cable [400-35]

Manufacturer Table	RFS Cablewave SCF14-50J	RFS Cablewave SCF14-50JFN	Andrew Corporation FSJ1-50A	Times Microwave LMR-240
Cable Type	1/4" Superflexible	1/4" Superflexible	1/4" Superflex	1/4" Foam
Impedance (Ohms)	50 Ohm	50 Ohm	50 Ohms	50 Ohm
Maximum Frequency	20.4 GHz	20.4 GHz	20.4 Ghz	31 GHz
VOP.	82%	82%	84%	84%
Peak Power (W)	6.4 kW	6.4 kW	6.4kW	4 kW
DC Breakdown Voltage	1.6 kV	1.6 kV	1600	N/A
DC Resistance (ctr/shld) Ohms	3.17/2.01	3.17/2.01	3.0/2.0	4.00/3.89
Capacitance	25.0 pF/ft.	25.0 pF/ft.	24.2 pF/ft	24.2 pF/Ft
Inductance	.061 uH/ft.	.061 uH/ft.	0.061 uH/ft	0.060 uH/Ft
Outer Conductor	Copper (Spiral)	Copper (Spiral)	Copper	Copper Braid
Inner Conductor	Copper Clad Aluminum (Solid)	Copper Clad Aluminum (Solid)	Cu-Clad Aluminum	Copper (Solid)
Diameter Over Jacket	0.31 in.	0.31 in.	0.29 in.	0.240 in.
Min. Bending Radius	1 in.	1 in.	1 in.	0.75 in.
Bending Moment (ft lbs)	0.8 ft. lbs.	0.8 ft. lbs.	0.8 ft. lbs.	0.25 ft.lbs.
Weight Per Foot	0.05 lb/ft.	0.05 lb/ft.	0.045 lb/ft	.04 lb/ft
Tensile Strength	135 lbs.	135 lbs.	150 lbs.	80 Lbs.
Flat Plate Crush Strength	100 lb/in.	100 lb/in.	100 lb/in.	20 lbs/in.
Atten/100 @ 30 MHz	0.960 dB	0.960 dB	0.973 db	1.30 dB
Atten/100 @ 50 MHz	1.24 dB	1.24 dB	1.26 db	1.70 dB
Atten/100 @ 150 MHz	2.19 dB	2.19 dB	2.21 db	3.00 dB
Atten/100 @ 450 MHz	3.88 dB	3.88 dB	3.91 db	5.30 dB
Atten/100 @ 824 MHz	5.35 dB	5.35 dB	5.38 db	7.22 dB
Atten/100 @ 894 MHz	5.60 dB	5.60 dB	5.61 db	7.53 dB
Atten/100 @ 960 MHz	5.81 dB	5.81 dB	5.83 db	7.82 dB
Atten/100 @ 1700 MHz	7.94 dB	7.94 dB	7.99 db	10.56 dB
Atten/100 @ 1920 MHz	8.50 dB	8.50 dB		11.26 dB
Atten/100 @ 2000 MHz	8.69 dB	8.69 dB	8.73 db	11.50 dB
Avg Power @ 30 MHz	2.09 kW	2.09 kW	2.28 kW	0.98 kW
Avg Power @ 50 MHz	1.62 kW	1.62 kW	1.76 kW	0.75 kW
Avg Power @ 450 MHz	0.52 kW	0.52 kW	0.567 kW	0.24 kW
Avg Power @ 800 MHz	0.382 kW	0.382 kW	0.419 kW	0.14 kW
Avg Power @ 894 MHz	0.359 kW	0.359 kW	0.395 kW	0.135 kW
Avg Power @ 960 MHz	0.345 kW	0.345 kW	0.380 kW	0.13 kW
Warranty	5 Years	5 Years	10 Years	5 Years
TESSCO Part No.	**30426** Standard	**36914** Fire Retardant	**441181** Standard	**35065** Standard
List Price: T-1 Price:	$1.75 $1.13	$1.90 $1.24	$1.75 $1.24	$0.50 $0.35
Ship lb.: T-2 Price:	0.05 lb. $1.04	0.08 lb. $1.14	0.05 lb. $1.15	0.04 lb. $0.34
Ship kg.: T-3 Price:	0.02 kg. $0.96	0.04 kg. $1.05	0.02 kg. $1.05	0.02 kg. $0.33
	453306 NEW PCS Swept			**77744** 150' spool
	90419 Cellular Swept			$58.75 $42.89
	$1.90 $1.24			5.5 lb. $41.72
	0.08 lb. $1.14			2.50 kg. $41.67
	0.04 kg. $1.05			**44129** 500' spool
				$235.00 $171.55
				22 lb. $166.85
				10.00 kg. $162.15
				82522 1000' spool
				$470.00 $343.10
				45 lb. $333.70
				20.45 kg. $324.30

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Coaxial Cable and Transmission Line

icrowave	Times Microwave LMR-240UF	Belden RF240	Times Microwave LMR-300	Belden RF300
n	1/4" UltraFlex	1/4" Foam	5/16" Superflexible	5/16" Superflexible
	50 Ohm 31 GHz 84% 4 kW N/A	50 Ohm 31 GHz 84% 4 kW N/A	50 Ohm 22.1 GHz 85% 10 kW N/A	50 Ohm 22.1 GHz 85% 10 kW N/A
t /Ft Braid Solid)	4.00/3.89 24.2 pF/Ft 0.060 uH/Ft Copper Braid Base Copper (Solid)	3.31/2.42 24.4 pF/Ft 0.060 uH/Ft Tape & TC Braid Copper (Solid)	2.12/2.21 23.9 pF/Ft 0.060 uH/Ft Tape & TC Braid Copper (Solid)	2.12/3.20 23 pF/Ft 0.060 uH/Ft Tape & TC Braid Copper (Solid)
.	0.240 in. 0.50 in. 0.25 ft.lbs. .04 lb/ft 80 Lbs. 20 lbs/in.	0.240 in. 0.75 in. 0.25 ft.lbs. .04 lb/ft 80 Lbs. 20 lbs/in.	0.300 in. 0.88 in. 0.38 ft.lbs. .055 lb/ft 120 Lbs. 30 lbs/in.	0.300 in. 0.88 in. 0.70 ft.lbs. .055 lb/ft 135 Lbs. 46 lbs/in.
	1.50 dB 1.90 dB 3.50 dB 6.10 dB 8.31 dB 8.67 dB 8.99 dB 10.56 dB 11.26 dB 11.50 db	1.30 dB 1.70 dB 3.00 dB 5.30 dB 7.22 dB 7.53 dB 7.82 dB 11.5 dB	1.10 dB 1.40 dB 2.40 dB 4.20 dB 5.80 dB 6.00 dB 6.30 dB 8.43 dB 9.0 dB 9.20 dB	1.00 dB 1.30 dB 2.20 dB 3.90 dB 5.40 dB 5.80 dB 6.20 dB 7.9 dB 8.4 dB 8.6 dB
	0.98 kW 0.75 kW 0.24 kW 0.14 kW 0.135 kW 0.13 kW	1.49 kW 1.15 kW 0.38 kW 0.28 kW 0.263 kW 0.26 kW	2.10 kW 1.60 kW 0.90 kW 0.50 kW 0.37 kW 0.36 kW	2.16 kW 1.65 kW 0.52 kW 0.40 kW 0.37 kW 0.35 kW
	5 Years	5 Years	5 Years	5 Years
Extra flexible $0.35 $0.34 $0.33 Fire Retardant $0.55 $0.54 $0.52	**40260** Standard $0.60 $0.44 0.04 lb. $0.43 0.02 kg. $0.42	**86386** Standard $0.45 $0.36 0.04 lb. $0.34 0.02 kg. $0.32 **73172** 500' spool $239.20 $191.36 21 lb. $179.40 9.54 kg. $167.44 **21565** 1000' spool $478.40 $334.88 42 lb. $299.00 19.09 kg. $282.26	**40297** Standard $0.55 $0.39 0.07 lb. $0.38 0.03 kg. $0.37 **41182** Fire Retardant $0.80 $0.59 0.07 lb. $0.57 0.03 kg. $0.56 **17725** NEW Flooded $0.65 $0.45 0.07 lb. $0.44 0.03 kg. $0.43	**46744** Standard $0.50 $0.40 0.06 lb. $0.38 0.03 kg. $0.35 **33530** 500' spool $269.90 $215.92 29 lb. $202.43 13.18 kg. $188.93 **71923** 1000' spool $539.80 $377.86 60 lb. $337.38 27.27 kg. $318.49

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Coaxial Cable and Transmission Line 3/8", 1/2" & 7/8" Superflexible Cables

3/8", 1/2" & 7/8" Superflexible Cables [400-45]

Manufacturer Table	Andrew Corporation FSJ2-50	Andrew Corporation EFX2-50	RFS Cablewave SCF12-50J	RFS Cablewave SCF12-50JFN
Cable Type	3/8" Superflex Cable	3/8" Extraflexible Cable	1/2" Superflexible	1/2" Superflexible
Impedance (Ohms)	50 Ohms	50 Ohms	50 Ohms	50 Ohms
Maximum Frequency	13.4 Ghz	13.4 Ghz	11.7 GHz	11.7 GHz
VOP.	83%	85%	82%	82%
Peak Power (W)	13.2kW	15.6kW	20.5 kW	20.5 kW
DC Breakdown Voltage	2300	2500	2.5 kV	2.5 kV
DC Resistance (ctr/shld) Ohms	1.29/1.52	1.10/0.92	0.88/1.04	0.88/1.04
Capacitance	24.3 pF/ft	24.1 pF/ft	25.2 pF/ft	25.2 pF/ft
Inductance	0.061 uH/ft	0.060 uH/ft	0.063 uF/ft	0.063 uF/ft
Outer Conductor	Copper	Copper	Copper (Spiral)	Copper (Spiral)
Inner Conductor	Copper-Clad Aluminum	Copper-Clad Aluminum	Copper Clad Aluminum (Solid)	Copper Clad Aluminum (Sc
Diameter Over Jacket	0.415 in.	0.45 in.	0.54 in.	0.54 in.
Min. Bending Radius	1.00 in.	1.75 in.	1.25 in.	1.25 in.
Bending Moment (ft lbs)	1.7 ft/lbs.	1.7 ft/lbs.	1.3 ft. lbs.	1.3 ft. lbs.
Weight Per Foot	0.078 lb/ft	0.078 lb/ft	0.14 lb/ft.	0.14 lb/ft.
Tensile Strength	210 Lbs.	175 Lbs.	146 lbs.	146 lbs.
Flat Plate Crush Strength	100 lbs/in.	100 lbs/in.	110 Lbs.	110 Lbs.
Atten/100 @ 30 MHz	0.649 db	0.584 db	0.548 dB	0.548 dB
Atten/100 @ 50 MHz	0.842 db	0.759 db	0.710 dB	0.710 dB
Atten/100 @ 150 MHz	1.48 db	1.34 db	1.25 dB	1.25 dB
Atten/100 @ 450 MHz	2.64 db	2.39 db	2.22 dB	2.22 dB
Atten/100 @ 824 MHz	3.66 db	3.31 db	3.07 dB	3.07 dB
Atten/100 @ 894 MHz	3.82 db	3.82 db	3.21 dB	3.21 dB
Atten/100 @ 960 MHz	3.97 db	3.59 db	3.34 dB	3.34 dB
Attenuation @ 1700 MHz	5.45 db	4.94 db	4.57 dB	4.57 dB
Atten/100 @ 1920 MHz	5.84 db	5.84 db	4.89 dB	4.89 dB
Attenuation @ 2000 MHz	5.97 db	5.41 db	5.01 dB	5.01 dB
Avg Power @ 30 MHz	3.97 kW	3.99 kW	4.80 kW	4.80 kW
Avg Power @ 50 MHz	3.06 kW	3.07 kW	3.70 kW	3.70 kW
Avg Power @ 450 MHz	0.975 kW	0.978 kW	1.18 kW	1.18 kW
Avg Power @ 800 MHz	0.715 kW	0.717 kW	0.869 kW	0.869 kW
Avg Power @ 894 MHz	0.673 kW	0.675 kW	0.818 kW	0.818 kW
Avg Power @ 960 MHz	0.648 kW	0.649 kW	0.787 kW	0.787 kW
Cable Accessories	Accessories on page 348	Accessories on page 349	Accessories on page 361	Accessories on page 361
Warranty	10 Years	10 Years	5 Years	5 Years
TESSCO Part No.	**497146** Standard	**478154** Standard	**41666** Standard	**441073** Fire Retard
List Price: T-1 Price:	$2.75 $1.97	$2.45 $1.75	$3.90 $2.53	$4.30 $2.78
Ship lb.: T-2 Price:	0.09 lb. $1.82	0.09 lb. $1.61	0.15 lb. $2.33	0.15 lb. $2.57
Ship kg.: T-3 Price:	0.04 kg. $1.67	0.04 kg. $1.48	0.07 kg. $2.14	0.07 kg. $2.35
			77205 Cellular Swept	**481092** Fire Retard
			$4.30 $2.78	VSWR
			0.15 lb. $2.57	$5.00 $3.25
			0.07 kg. $2.35	0.15 lb. $3.00
			71163 NEW PCS & Cellular Swept	0.07 kg. $2.75
			$4.30 $2.78	
			0.14 lb. $2.57	
			0.06 kg. $2.35	

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Coaxial Cable and Transmission Line

Corporation	Andrew Corporation FSJ4RN-50B	Eupen Cable USA EC4-50-HF	Andrew Corporation CNT-500	Times Microwave LMR-500
flex	1/2"Fire-Retardant Superflex	1/2" Hi-Flex	1/2" Superflexible	1/2" Superflexible
	50 Ohms 10.2 Ghz 81% 15.6 kW 2500	50 Ohms 13.20 GHz 82% 17 kW 25 kV	50 12.6 GHz 86% 22kW	50 Ohms 11.3 GHz 86% 22 kW N/A
/ft Clad Aluminum	0.82/1.00 25.2 pF/ft 0.0625 uH/ft Copper Copper-Clad Aluminum	0.61/0.95 25.00 pF/ft. 0.0616 uH/ft. Copper (Spiral) Copper-Clad	0.82/ 1.27 23.6 pF/ft 0.059 uH/ft Tape & TC Braid Copper Clad Aluminum (Solid)	0.82/1.27 23.6 pF/Ft .059 uH/Ft Tape & TC Braid Copper Clad Aluminum (Solid)
	0.52 in. 1.25 in. 2.0 ft.lbs 0.14 lb/ft 175 lbs 110 lb/in	0.535 in. 1.25 in. 2 ft. lbs. 0.16 lbs/ft. 175 lbs. 140 lb/in.	0.500 in. 1.3 in. 1.75 ft. lbs. 0.097 lb/ft. 260 Lbs 50 lbs/in.	0.500 in. 1.25 in. 1.75 ft. lbs. .10 lb/ft 260 lbs. 50 lbs/in.
	0.557 db 0.724 db 1.28 db 2.31 db 3.23 db 3.38 db 3.52 db 4.88 db 5.24 db 5.37 db	0.512 dB 0.668 dB 1.18 dB 2.12 dB 2.96 dB 3.10 dB 3.23 dB 4.46 dB 4.78 dB 4.90 dB	0.53 dB 0.69 dB 1.20 dB 2.20 dB 2.99 dB 3.12 dB 3.24 dB 4.42 dB 4.71 dB 4.84 dB	0.54 dB 0.70 dB 1.22 dB 2.17 dB 2.99 dB 3.12 dB 3.24 dB 4.43 dB 4.72 dB 4.80 dB
	5.75 kW 4.42 kW 1.38 kW 1.01 kW 0.947kW 0.909kW	5.10 kW 3.91 kW 2.21 kW 0.952 kW 0.840 kW 0.810 kW	4.41 kW 3.40 kW 1.94 kW 0.80 kW 0.76 kW 0.73 kW	4.40 kW 3.40 kW 1.10 kW 0.80 kW 0.75 kW 0.73 kW
es on page 350	Accessories on page 350	Accessories on page 357		
	10 Years	10 Years	5 Years	5 Years
Standard $2.78 $2.57 $2.35	**437129** NEW Standard $4.30 $3.06 0.14 lb. $2.82 0.06 kg. $2.59	**56133** Standard $3.90 $2.53 0.16 lb. $2.33 0.07 kg. $2.14 **73410** Cell-Swept $3.65 $2.36 0.16 lb. $2.18 0.07 kg. $2.00	**410362** NEW Standard $1.20 $0.70 0.1 lb. $0.67 0.05 kg. $0.65 **494354** NEW 1000' spool $1,160.00 $696.00 100 lb. $663.52 45.45 kg. $647.28 **429327** NEW Fire Retardant $1.90 $1.29 0.97 lb. $1.29 0.44 kg. $1.29 **487394** NEW Flooded Braid $1.35 $0.92 0.97 lb. $0.92 0.44 kg. $0.92	**48279** Standard $1.05 $0.77 0.1 lb. $0.75 0.05 kg. $0.73 **64315** Fire Retardant $1.70 $1.25 0.1 lb. $1.21 0.05 kg. $1.18 **457143** NEW 500' spool $525.00 $383.25 50 lb. $372.75 22.72 kg. $362.25 **479140** NEW 1000' spool $1,050.00 $766.50 100 lb. $745.50 45.45 kg. $724.50

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Coaxial Cable and Transmission Line 3/8", 1/2" & 7/8" Superflexible Cables

3/8", 1/2" & 7/8" Superflexible Cables [400-45]

Manufacturer Table	Times Microwave LMR-500 Ultraflex	Times Microwave LMR-500LL-PL	RFS Cablewave UCF 78-50J	Andrew Corporation VXL5-50 7/8 SUPERFLEX
Cable Type	1/2" Superflexible	1/2" Superflexible	7/8" Ultraflexible	7/8" Superflex
Impedance (Ohms)	50 Ohms	50 Ohms	50 Ohms	50 Ohms
Maximum Frequency	11.3 GHz	11.3 GHz	4.9 GHz	4.9 Ghz
VOP.	86%	86%	88%	88%
Peak Power (W)	22 kW	22 kW	81 kW	90 kW
DC Breakdown Voltage	N/A	N/A	6.0 kV	6000
DC Resistance (ctr/shld) Ohms	0.86/1.27		.82/.36	0.82/0.36
Capacitance	23.6 pF/Ft	26.7 pF/Ft	23.2 pF/ft	22.6 pF/ft
Inductance	.059 uH/Ft	.059 uH/Ft	0.058 uF/ft	0.06 uH/ft
Outer Conductor	Tape & TC Braid	Tape & TC Braid	Corrugated Copper	Copper
Inner Conductor	Stranded Copper	Copper Clad Aluminum (Solid)	Corrugated Copper	Copper Tube
Diameter Over Jacket	0.500 in.	0.500 in.	1.082 in.	1.08 in.
Min. Bending Radius	1.25 in.	1.50 in.	5 in.	5 in.
Bending Moment (ft lbs)	1.75 ft. lbs.	1.75 ft. lbs.	9.6	12 ft lbs.
Weight Per Foot	.10 lb/ft	.10 lb/ft	0.29 lb/ft.	0.29 lb/ft
Tensile Strength	260 lbs.	260 lbs.		225 lbs.
Flat Plate Crush Strength	40 lbs/in.	50 lbs/in.	80 lb/in.	80 lbs.
Atten/100 @ 30 MHz	0.64 dB	0.54 dB	.216 dB	0.214 db
Atten/100 @ 50 MHz	0.84 dB	0.70 dB	.280 dB	0.278 db
Atten/100 @ 150 MHz	1.47 dB	1.22 dB	.495 dB	0.491 db
Atten/100 @ 450 MHz	2.60 dB	2.17 dB	.870 dB	0.878 db
Atten/100 @ 824 MHz	3.58 dB	2.99 dB	1.21 dB	1.22 db
Atten/100 @ 894 MHz	3.74 dB	3.12 dB	1.27 dB	1.28 db
Atten/100 @ 960 MHz	3.89 dB	3.24 dB	1.32 dB	1.33 db
Attenuation @ 1700 MHz	4.43 dB	4.43 dB	1.81 kW	
Atten/100 @ 1920 MHz	4.72 dB	4.72 dB	1.94 dB	1.94 db
Attenuation @ 2000 MHz	4.80 dB	4.80 dB	1.99 kW	
Avg Power @ 30 MHz	3.70 kW	4.40 kW	12.3 kW	12.3 kW
Avg Power @ 50 MHz	2.80 kW	3.40 kW	9.46 kW	9.47 kW
Avg Power @ 450 MHz	0.90 kW	1.90 kW	2.99 kW	2.99 kW
Avg Power @ 800 MHz	0.70 kW	1.10 kW	2.19 kW	2.19 kW
Avg Power @ 894 MHz	0.63 kW	0.80 kW	2.06 kW	2.06 kW
Avg Power @ 960 MHz	0.60 kW	0.75 kW	1.98 kW	1.98 kW
Cable Accessories			Accessories on page 364	Accessories on page 352
Warranty	5 Years	5 Years	5 Years	10 Years
TESSCO Part No.	**55137** Ultra-Flex	**68948** Plenum Rated	**63525** Standard	**458116** Standard
List Price: T-1 Price:	$1.65 $1.21	$8.00 $5.56	$5.55 $3.59	$5.55 $3.94
Ship lb.: T-2 Price:	0.1 lb. $1.18	0.23 lb. $5.37	0.29 lb. $3.31	0.33 lb. $3.64
Ship kg.: T-3 Price:	0.05 kg. $1.14	0.10 kg. $5.28	0.13 kg. $3.04	0.15 kg. $3.34

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rer	Andrew Corporation LDF1-50	Eupen Cable USA W0250	RFS Cablewave LCF38-50J	Andrew Corporation LDF2-50
3/8", and 1/2" smission Line -55]				
e	1/4" Foam	1/4" Foam	3/8" Foam	3/8" Foam
e (Ohms)	50 Ohms	50 Ohm	50 Ohm	50 Ohms
Frequency	15.8 Ghz	18.6 GHz	13.5 GHz	13.5 Ghz
	86%	79%	88%	88%
er (W)	12.1 kW	7 kW	15.4 kW	15.6 kW
down Voltage		10 kV	2.5 kV	2500
ance (ctr/shld) Ohms	1.57/1.02	1.158/1.006	1.16/0.88	1.06/0.87
ce	23.4 pF/ft	24.99 pF/ft.	23.2 pF/ft.	23.0 pF/ft
e	0.059 uH/ft	0.0590 uH/ft.	0.058 uH/ft.	0.058 uH/ft
nductor	Copper	Copper (Annular)	Copper (Annular)	Copper
ductor	Copper-Clad Aluminum	Copper-Clad	Copper Clad Aluminum (Solid)	Copper-Clad Aluminum
Over Jacket	0.345 in.	0.382 in.	0.44 in.	0.44 in.
ing Radius	3.0 in.	2.00 in.	4.00 in.	3.75 in.
loment (ft lbs)	0.98 ft.lbs	.98 ft. lbs.	1.4 ft./lb.	1.4 ft lbs.
er Foot	0.06 lb/ft	0.09 lbs.	0.08 Lbs.	0.08 lb/ft
rength	200 Lbs.	110 lbs.	119 Lbs.	250 lbs.
Crush Strength	80 lbs/in.	89.5 lb/in	110 lb/in.	110 lb/in.
@ 30 MHz	0.667 db	0.72 dB	0.566 dB	0.563 db
@ 50 MHz	0.865 db	0.93 dB	0.734 dB	0.730 db
@ 150 MHz	1.52 db	1.17 dB	1.280 dB	1.29 db
@ 450 MHz	2.71 db	2.88 dB	2.27 dB	2.29 db
@ 824 MHz	3.74 db	4.30 dB	3.12 dB	3.17 db
@ 894 MHz	3.91 db	4.20 dB	3.25 dB	3.31 db
@ 960 MHz	4.07 db	4.25 dB	3.38 dB	3.44 db
on @ 1700 MHz	5.57 db	5.85 dB	4.59 dB	4.72 db
@ 1920 MHz	5.85 db	6.27 dB	4.90 dB	4.92 db
on @ 2000 MHz	6.10 db	6.39 dB	5.01 dB	5.17 db
r @ 30 MHz	3.32 kW	3.00 kW	3.90 kW	4.14 kW
r @ 50 MHz	2.56 kW	2.30 kW	3.01 kW	3.19 kW
r @ 450 MHz	0.818 kW	0.80 kW	0.975 kW	1.02 kW
r @ 800 MHz	0.601 kW	0.55 kW	0.720 kW	0.748 kW
r @ 894 MHz	0.566 kW	0.52 kW	0.679 kW	0.704 kW
r @ 960 MHz	0.545 kW	0.50 kW	0.654 kW	0.678 kW
essories			Accessories on page 359	Accessories on page 348
	10 Years	10 Years	5 Years	10 Years
Part No.	**469162** Standard	**16342** Standard	**66112** Standard	**458139** Standard
T-1 Price:	$1.40 $0.98	$1.40 $0.90	$2.00 $1.29	$2.00 $1.42
T-2 Price:	0.07 lb. $0.91	0.05 lb. $0.83	0.08 lb. $1.19	0.2 lb. $1.31
T-3 Price:	0.03 kg. $0.83	0.02 kg. $0.76	0.04 kg. $1.09	0.09 kg. $1.20

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Coaxial Cable and Transmission Line 1/4",3/8", and 1/2" Transmission Line

1/4",3/8", and 1/2" Transmission Line [400-55]

Manufacturer Table	Eupen Cable USA W0375	RFS Cablewave LCF12-50J	Andrew Corporation LDF4-50A	CommScope, Inc. CR50-540PE
Cable Type	3/8" Foam	1/2" Foam	1/2" Foam	1/2" Cell Reach
Impedance (Ohms)	50 Ohm	50 Ohm	50 Ohms	50 Ohm
Maximum Frequency	14.2 GHz	8.8 GHz	8.8 Ghz	8.8 GHz
VOP.	88%	88%	88%	88%
Peak Power (W)	11 kW	38 kW	40 kW	41.8 kW
DC Breakdown Voltage	20 kV	4 kV	4000	4 kV
DC Resistance (ctr/shld) Ohms	0.640/0.808	0.48 / 0.59	1.45/0.58	0.42/0.58
Capacitance	23.16 pF/ft.	23.2 pF/ft.	23.1 pF/ft	23.1 pF/ft.
Inductance	0.0580 uH/ft.	0.058 uH/ft.	0.058 uH/ft	0.058 uH/ft.
Outer Conductor	Copper (Annular)	Copper (Annular)	Copper	Copper (Smooth)
Inner Conductor	Copper Clad	Copper Clad Aluminum (Solid)	Copper-Clad Aluminum	Copper Clad Aluminum
Diameter Over Jacket	0.465 in.	0.64 in.	0.63 in.	0.61 in.
Min. Bending Radius	2.00 in.	5 in.	5 in.	4 in.
Bending Moment (ft lbs)	1.4 ft. lbs.	3.7 ft. lbs.	2.8 ft lbs.	7.8 ft. lbs.
Weight Per Foot	0.13 lbs.	0.15 lb/ft.	0.15 lb/ft	0.15 lb/ft.
Tensile Strength	154 lbs.	247 lbs.	250 lbs.	600 lbs.
Flat Plate Crush Strength	112 lb/in	110 lb/in.	110 lb/in.	110 lb/in.
Atten/100 @ 30 MHz	0.52 dB	0.356 dB	0.357 dB	0.350 dB
Atten/100 @ 50 MHz	0.70 dB	0.462 dB	0.463 dB	0.448 dB
Atten/100 @ 150 MHz	1.20 dB	0.810 dB	0.815 dB	0.780 dB
Atten/100 @ 450 MHz	2.09 dB	1.44 dB	1.45 dB	1.38 dB
Atten/100 @ 824 MHz	2.90 dB	1.98 dB	2.00 dB	1.92 dB
Atten/100 @ 894 MHz	3.00 dB	2.07 dB	2.09 dB	2.01 dB
Atten/100 @ 960 MHz	3.15 dB	2.15 dB	2.17 dB	2.09 dB
Attenuation @ 1700 MHz	4.21 dB	2.93 dB	2.97 db	2.87 dB
Atten/100 @ 1920 MHz	4.49 dB	3.13 dB	3.13 db	3.06 dB
Attenuation @ 2000 MHz	4.60dB	3.20 dB	3.25 db	3.13 dB
Avg Power @ 30 MHz	4.10 kW	7.27 kW	6.46 kW	6.65 kW
Avg Power @ 50 MHz	3.10 kW	5.61 kW	4.98 kW	5.05 kW
Avg Power @ 450 MHz	1.02 kW	1.80 kW	1.59 kW	1.560 kW
Avg Power @ 800 MHz	0.70 kW	1.33 kW	1.17 kW	1.160 kW
Avg Power @ 894 MHz	0.67 kW	1.25 kW	1.10 kW	1.100 kW
Avg Power @ 960 MHz	0.64 kW	1.21 kW	1.06 kW	1.050 kW
Cable Accessories	Accessories on page 357	Accessories on page 359	Accessories on page 349	Accessories on page 355
Warranty	10 Years	5 Years	10 Years	10 Years
TESSCO Part No.	**15093** Standard	**70393** Standard	**429150** Standard	**36850** Standard
List Price: T-1 Price:	$2.00 $1.29	$2.65 $1.73	$2.65 $1.90	$2.65 $1.73
Ship lb.: T-2 Price:	0.13 lb. $1.19	0.2 lb. $1.59	0.16 lb. $1.75	0.16 lb. $1.59
Ship kg.: T-3 Price:	0.06 kg. $1.09	0.09 kg. $1.46	0.07 kg. $1.61	0.07 kg. $1.46
		33837 Cellular Swept	**447176** Fire Retardant	
		$2.95 $1.90	$3.20 $2.28	
		0.2 lb. $1.76	0.16 lb. $2.10	
		0.09 kg. $1.61	0.07 kg. $1.93	
		476098 Fire Retardant		
		$3.20 $2.07		
		0.2 lb. $1.91		
		0.09 kg. $1.75		
		499036 Fire Retardant, Low VSWR		
		$3.55 $2.30		
		0.2 lb. $2.12		
		0.09 kg. $1.95		
		10097 NEW PCS, Cell Swept		
		$2.95 $1.90		
		0.2 lb. $1.76		
		0.09 kg. $1.61		

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Coaxial Cable and Transmission Line

ble USA	Andrew Corporation CNT-600	CommScope, Inc. WBC 600	Times Microwave LMR-600	Times Microwave LMR-600
	CNT-600 Watertight	1/2" Braided	1/2" Foam	1/2" Ultraflex
	50 2.5 GHz 87% 40kW 4000 volts	50 Ohms 16 GHz 87% 10.3 kW	50 Ohm 9.3 GHz 87% 40 kW N/A	50 Ohm 9.3 GHz 87% 40 kW N/A
t. l/ft. Annular) Clad	0.53/1.20 23.4 pF/ft 0.058 uH/ft Tape & TC Braid) Copper Clad Aluminum (Solid)	0.55/1.30 23.4 pF/Ft Tape & TC Braid Copper/Aluminum	0.53/1.20 23.4 pF/Ft .058 uH/Ft Tape & TC Braid Copper Clad Aluminum (Solid)	0.56/1.20 23.4 pF/Ft .058 uH/Ft Tape & TC Braid Copper Clad Alum (Stranded)
	0.590 in. 1.50 in. 2.75 0.13 lb/ft 350 Lbs. 60 lb/in	0.590 in. 3.00 in. 0.131 lbs. 350 lbs.	0.590 in. 1.50 in. 2.75 ft. lbs. .13 lb/ft 350 lbs. 60 lbs/in.	0.590 in. 1.50 in. 2.75 ft. lbs. .16 lb/ft 350 lbs. 45 lbs/in.
	0.420 dB 0.545 dB 0.960 dB 1.711 dB 2.39 dB 2.50 dB 2.59 dB 3.56 dB 3.01 dB 3.90 dB	.42 dB .55 dB 1.00 dB 1.70 dB 2.39 dB 2.5 dB 2.7 dB	0.422 dB 0.547 dB 0.964 dB 1.720 dB 2.380 dB 2.490 dB 2.590 dB 3.57 dB 3.82 dB 3.90 dB	0.51 dB 0.66 dB 1.16 dB 2.06 dB 2.86 dB 2.99 dB 3.11 dB 3.57 dB 3.82 dB 3.90 dB
	5.45 kW 4.20 kW 1.34 kW 0.99 kW .93 kW .89 kW	5.50 kW 4.30 kW 1.30 kW 0.93 kW	5.50 kW 4.20 kW 1.30 kW 1.00 kW 0.93 kW 0.89 kW	4.60 kW 3.50 kW 1.10 kW 0.80 kW 0.77 kW 0.74 kW
es on page 357		Accessories on page 355		
	5 Years	10 Years	5 Years	5 Years
Standard $1.73 $1.59 $1.46 Fire Retardant $2.07 $1.91 $1.75 Cell-Swept $1.73 $1.60 $1.47	**438362** NEW Standard $1.45 $0.99 0.13 lb. $0.99 0.06 kg. $0.99 **461373** NEW 1000' spool $1,430.00 $858.00 150 lb. $817.96 68.18 kg. $797.94	**84226** Standard $1.30 $0.93 0.49 lb. $0.90 0.22 kg. $0.88	**86672** Standard $1.30 $0.95 0.13 lb. $0.93 0.06 kg. $0.90 **56313** Fire Retardant $2.00 $1.46 0.15 lb. $1.42 0.07 kg. $1.38 **77733** 250' Reel $325.00 $237.25 40 lb. $230.75 18.18 kg. $224.25 **53198** 500' reel $650.00 $474.50 80 lb. $461.50 36.36 kg. $448.50 **419163** 1000' reel $1,300.00 $949.00 130 lb. $923.00 59.08 kg. $897.00	**39425** Ultraflex $2.15 $1.57 0.17 lb. $1.53 0.08 kg. $1.49

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Coaxial Cable and Transmission Line 1/4",3/8", and 1/2" Transmission Line

1/4",3/8", and 1/2" Transmission Line [400-55]

	Times Microwave LMR-600 Watertight	Times Microwave LMR-600LL-PL
Manufacturer Table		
Cable Type	1/2" Watertight	1/2" Plenum
Impedance (Ohms)	50 Ohm	50 Ohm
Maximum Frequency	9.3 GHz	9.3 GHz
VOP.	87%	76%
Peak Power (W)	40 kW	40 kW
DC Breakdown Voltage	N/A	N/A
DC Resistance (ctr/shld) Ohms	0.53/1.20	0.73/1.20
Capacitance	23.4 pF/Ft	26.4 pF/Ft
Inductance	.058 uH/Ft	.067 uH/Ft
Outer Conductor	Tape & TC Braid	Tape & TC Braid
Inner Conductor	Copper Clad Aluminum (Solid)	Copper Clad Aluminum (Solid)
Diameter Over Jacket	0.590 in.	0.590 in.
Min. Bending Radius	1.50 in.	3.00 in.
Bending Moment (ft lbs)	2.75 ft. lbs.	2.75 ft. lbs.
Weight Per Foot	.13 lb/ft	.23 lb/ft
Tensile Strength	350 lbs.	325 lbs.
Flat Plate Crush Strength	60 lbs/lni	45 lbs/in.
Atten/100 @ 30 MHz	0.422 dB	0.420 dB
Atten/100 @ 50 MHz	0.547 dB	0.550 dB
Atten/100 @ 150 MHz	0.964 dB	0.960 dB
Atten/100 @ 450 MHz	1.72 dB	1.720 dB
Atten/100 @ 824 MHz	2.38 dB	2.380 dB
Atten/100 @ 894 MHz	2.49 dB	2.490 dB
Atten/100 @ 960 MHz	2.59 dB	2.590 dB
Attenuation @ 1700 MHz	3.57 dB	3.57 dB
Atten/100 @ 1920 MHz	3.82 dB	3.82 dB
Attenuation @ 2000 MHz	3.90 dB	3.90 dB.
Avg Power @ 30 MHz	5.50 kW	5.50 kW
Avg Power @ 50 MHz	4.20 kW	4.20 kW
Avg Power @ 450 MHz	1.30 kW	1.30 kW
Avg Power @ 800 MHz	1.00 kW	1.00 kW
Avg Power @ 894 MHz	0.93 kW	0.93 kW
Avg Power @ 960 MHz	0.89 kW	0.89 kW
Cable Accessories		
Warranty	10 Years	5 Years
TESSCO Part No.	**15605** Flooded Braid	**50505** CATV-P Orange
List Price: T-1 Price:	$1.50 $1.10	$10.00 $6.94
Ship lb.: T-2 Price:	0.13 lb. $1.07	0.23 lb. $6.71
Ship kg.: T-3 Price:	0.06 kg. $1.04	0.10 kg. $6.59

5/8" & 7/8" Transmission Line [400-65]

	RFS Cablewave LCF58-50J
Manufacturer Table	
Cable Type	5/8" Foam
Impedance (Ohms)	50 Ohms
Maximum Frequency	6.2 GHz
VOP.	88%
Peak Power (W)	45 kW
DC Breakdown Voltage	5 kV
DC Resistance (ctr/shld) Ohms	0.40/0.44
Capacitance	23.2 pF/ft.
Inductance	0.058 uH/ft.
Outer Conductor	Corrugated Copper Tube
Inner Conductor	Copper (Tube)
Diameter Over Jacket	.84 in.
Min. Bending Radius	7 in.
Bending Moment (ft lbs)	7.4 ft. lbs.
Weight Per Foot	0.25 Lbs.
Tensile Strength	259 Lbs/in.
Flat Plate Crush Strength	70 Lbs/in
Atten/100 @ 30 MHz	0.268 dB
Atten/100 @ 50 MHz	0.349 dB
Atten/100 @ 150 MHz	0.616 dB
Atten/100 @ 450 MHz	1.10 dB
Atten/100 @ 824 MHz	1.53 dB
Atten/100 @ 894 MHz	1.60 dB
Atten/100 @ 960 MHz	1.66 dB
Attenuation @ 1700 MHz	2.30 dB
Atten/100 @ 1920 MHz	2.46 dB
Attenuation @ 2000 MHz	2.52 dB
Avg Power @ 30 MHz	10.6 kW
Avg Power @ 50 MHz	8.16 kW
Avg Power @ 450 MHz	2.58 kW
Avg Power @ 800 MHz	1.89 kW
Avg Power @ 894 MHz	1.78 kW
Avg Power @ 960 MHz	1.71 kW
Cable Accessories	Accessories on page 363
Warranty	5 Years
TESSCO Part No.	**451138** Standard
List Price: T-1 Price:	$4.60 $2.99
Ship lb.: T-2 Price:	0.25 lb. $2.76
Ship kg.: T-3 Price:	0.11 kg. $2.53

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Coaxial Cable and Transmission Line

orporation	Times Microwave LMR-900 Watertight	Times Microwave LMR-900	Times Microwave LMR-900 Plenum	RFS Cablewave LCF78-50J
	5/8" Watertight	5/8" Foam	5/8" Foam	7/8" Foam
	50 Ohms 6.2 GHz 87% 62 kW N/A	50 Ohms 6.2 GHz 87% 62 kW N/A	50 Ohms 6.2 GHz 87% 62 kW N/A	50 Ohms 5.0 GHz 88% 85 kW 6 kV
: ad Aluminum	0.54/0.55 23.4 pF/Ft .058 uH/Ft Tape & TC Braid Copper (Tube)	0.54/0.55 23.4 pF/Ft .058 uH/Ft Tape & TC Braid Copper (Tube)	0.54/0.55 23.4 pF/Ft .058 uH/Ft Tape & TC Braid Copper (Tube)	.32/.32 23.2 pF/ft. 0.057 uH/ft. Copper (Annular) Copper (Tube)
	0.870 in. 3.00 in. 9.0 ft. lbs. .27 lb/ft 750 lbs. 100 lb/in.	0.870 in. 3.00 in. 9.0 ft. lbs. .27 lb/ft 750 lbs. 100 lb/in.	0.870 in. 3.00 in. 9.0 ft. lbs. .27 lb/ft 750 lbs. 100 lb/in.	1.09 in. 10 in. 9.6 ft lbs 0.36 Lbs. 324 Lbs/in. 80 Lbs/in
	0.271 dB 0.351 dB 0.619 dB 1.10 dB 1.53 dB 1.59 dB 1.66 dB 2.40 dB 2.57 dB 2.63 dB	0.271 dB 0.351 dB 0.619 dB 1.102 dB 1.530 dB 1.590 dB 1.660 dB 2.40 dB 2.57 dB 2.63 dB	0.271 dB 0.351 dB 0.619 dB 1.102 dB 1.530 dB 1.590 dB 1.660 dB 2.40 dB 2.57 dB 2.63 dB	0.195 dB 0.253 dB 0.448 dB 0.805 dB 1.12 dB 1.17 dB 1.22 dB 1.69 dB 1.81 dB 1.86 dB
	9.50 kW 7.30 kW 2.30 kW 1.70 kW 1.60 kW 1.50 kW	9.50 kW 7.30 kW 2.30 kW 1.70 kW 1.60 kW 1.50 kW	9.50 kW 7.30 kW 2.30 kW 1.70 kW 1.60 kW 1.50 kW	16.1 kW 12.4 kW 3.88 kW 2.83 kW 2.66 kW 2.56 kW
s on page 351				Accessories on page 363
	10 Years	5 Years	5 Years	5 Years
Standard $3.30 $3.05 $2.79	**19242** Flooded Braid $3.70 $2.71 0.27 lb. $2.63 0.12 kg. $2.56	**32794** Fire Retardant $5.25 $3.84 0.34 lb. $3.73 0.15 kg. $3.63	**410060** Plenum $25.00 $18.25 0.34 lb. $17.75 0.15 kg. $17.25	**16264** PCS Swept **24317** PCS & CELL Swept **59016** Cellular Swept $6.70 $4.35 0.4 lb. $4.02 0.18 kg. $3.68 **79860** Standard $6.10 $3.96 0.36 lb. $3.65 0.16 kg. $3.35

BIRD Electronic Corporation

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5/8" & 7/8" Transmission Line [400-65]

Manufacturer Table	RFS Cablewave LCF78-50JFN	Andrew Corporation LDF5-50A	Andrew Corporation LDF5-50B	Andrew Corporation LDF5RN-50A
Cable Type	7/8" Foam	7/8" Foam Heliax Cable	7/8" Foam Heliax Cable	7/8" Fire Retardant Cable
Impedance (Ohms)	50 Ohms	50 Ohm	50 Ohm	50 Ohm
Maximum Frequency	5.0 GHz	5.0 Ghz	4.9 Ghz	5.0 Ghz
VOP.	88%	89%	91%	89%
Peak Power (W)	85 kW	91kW	91kW	91kW
DC Breakdown Voltage	6 kV	6000	6000	6000
DC Resistance (ctr/shld) Ohms	.32/.32	0.32/0.36	0.41/0.34	0.32/0.36
Capacitance	23.2 pF/ft.	22.8 pF/ft	22.3 pF/ft	22.8 pF/ft
Inductance	0.057 uH/ft.	0.057 uH/ft	0.05 uH/ft	0.057 uH/ft
Outer Conductor	Copper (Annular)	Copper	Copper	Copper
Inner Conductor	Copper (Tube)	Copper	Copper	Copper
Diameter Over Jacket	1.10 in.	1.09	1.102	1.09
Min. Bending Radius	10 in.	10 in.	10 in.	10 in.
Bending Moment (ft lbs)	9.6 ft lbs	12 ft lbs.	11 ft lbs.	12 ft lbs.
Weight Per Foot	0.36 Lbs.	0.33 lb/ft	0.30 lb/ft	0.33 lb/ft
Tensile Strength	324 Lbs/in.	325 lbs.	325 lbs.	325 lbs.
Flat Plate Crush Strength	80 Lbs/in	80 lb/in.	NA	80 lb/in.
Atten/100 @ 30 MHz	0.195 dB	0.195 db	0.184 db	0.195 db
Atten/100 @ 50 MHz	0.253 dB	0.254 db	NA	0.254 db
Atten/100 @ 150 MHz	0.448 dB	0.449 db	0.422 db	0.449 db
Atten/100 @ 450 MHz	0.805 dB	0.808 db	0.756 db	0.808 db
Atten/100 @ 824 MHz	1.12 dB	1.13 db	1.05 db	1.13 db
Atten/100 @ 894 MHz	1.17 dB	1.18 db	1.10 db	1.18 db
Atten/100 @ 960 MHz	1.22 dB	1.23 db	1.14 db	1.23 db
Attenuation @ 1700 MHz	1.69	1.70 db	NA	1.70 db
Atten/100 @ 1920 MHz	1.81	1.81 db	NA	1.81 db
Attenuation @ 2000 MHz	1.86	1.86 db	1.73 db	1.86 db
Avg Power @ 30 MHz	16.1 kW	14.1 kW	13.9 kW	14.1 kW
Avg Power @ 50 MHz	12.4 kW	10.8 kW	NA	10.8 kW
Avg Power @ 450 MHz	3.88 kW	3.41 kW	3.39 kW	3.41 kW
Avg Power @ 800 MHz	2.83 kW	2.48 kW	NA	2.48 kW
Avg Power @ 894 MHz	2.66 kW	2.34 kW	2.33 kW	2.34 kW
Avg Power @ 960 MHz	2.56 kW	2.24 kW	2.24 kW	2.24 kW
Cable Accessories	Accessories on page 363	Accessories on page 351	Accessories on page 351	
Warranty	5 Years	10 Years	10 Years	10 Years
TESSCO Part No.	**466089** Fire Retardant Premium	**471168** Standard	**422150** NEW Standard	**480183** NEW Standard
List Price: T-1 Price:	$8.05 $5.22	$6.10 $4.35	$6.10 $4.35	$7.30 $5.22
Ship lb.: T-2 Price:	0.4 lb. $4.82	0.33 lb. $4.02	0.3 lb. $4.02	0.33 lb. $4.82
Ship kg.: T-3 Price:	0.18 kg. $4.42	0.15 kg. $3.68	0.14 kg. $3.68	0.15 kg. $4.42
	487048 NEW Fire Retardant Standard			
	$7.30 $4.75			
	0.4 lb. $4.38			
	0.18 kg. $4.02			

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1-1/4 Inch Transmission Line [400-75]

pe, Inc. 0PE	Eupen Cable USA EC5-50	Times Microwave LMR-1200 Watertight	Manufacturer Table	RFS Cablewave LCF114-50J
each	7/8" Foam	7/8" Watertight	Cable Type	1-1/4" Foam
	50 Ohms	50 Ohms	Impedance (Ohms)	50 Ohm
	5.3 GHz	4.7 GHz	Maximum Frequency	3.3 GHz
	88%	88%	VOP.	88%
	90 kW	90 kW	Peak Power (W)	178 kW
	40 kV	N/A	DC Breakdown Voltage	9 kV
	0.24/0.27	0.32/0.37	DC Resistance (ctr/shld) Ohms	.45/.12
	22.86 pF/ft.	23.1 pF/Ft	Capacitance	23.8 pF/ft.
	0.058 uH/ft.	.056 uH/Ft	Inductance	0.056 uH/ft.
t.	Copper (Annular)	Tape & TC Braid	Outer Conductor	Copper (Annular)
mooth)	Copper (Tube)	Copper (Tube)	Inner Conductor	Copper (Spiral Tube)
ube)				
	1.102 in.	1.200 in.	Diameter Over Jacket	1.55 in.
	10 in.	6.50 in.	Min. Bending Radius	15 in.
	12 ft. lbs.	15.0 ft. lbs.	Bending Moment (ft lbs)	28 ft. lbs.
	0.33 Lbs.	.45 lb/ft	Weight Per Foot	0.71 lb/ft.
	325 lbs.	1300 lbs.	Tensile Strength	650 lbs.
	120 lb/in	250 lb/in.	Flat Plate Crush Strength	140 lb/in.
	0.192 dB	0.209 dB	Atten/100 @ 30 MHz	0.148 dB
	0.250 dB	0.272 dB	Atten/100 @ 50 MHz	0.192 dB
	0.445 dB	0.482 dB	Atten/100 @ 150 MHz	0.344 dB
	0.808 dB	0.865 dB	Atten/100 @ 450 MHz	0.628 dB
	1.14 dB	1.205 dB	Atten/100 @ 824 MHz	0.885 dB
	1.20 dB	1.260 dB	Atten/100 @ 894 MHz	0.928 dB
	1.25 dB	1.310 dB	Atten/100 @ 960 MHz	0.967 dB
	1.69 dB	1.83 dB	Atten/100 @ 1700 MHz	1.36 dB
	1.81 dB	1.96 dB	Atten/100 @ 1920 MHz	1.46 dB
	1.86 dB	2.00 dB	Atten/100 @ 2000 MHz	1.50 dB
	14.9 kW	12.6 kW	Avg Power @ 30 MHz	22.5 kW
	11.5 kW	9.70 kW	Avg Power @ 50 MHz	17.2 kW
	3.44 kW	3.10 kW	Avg Power @ 450 MHz	5.29 kW
	2.81 kW	2.20 kW	Avg Power @ 800 MHz	3.81 kW
	2.40 kW	2.10 kW	Avg Power @ 894 MHz	3.58 kW
	2.31 kW	2.00 kW	Avg Power @ 960 MHz	3.43 kW
s on page 355	Accessories on page 357		Warranty	5 Years
	10 Years	5 Years		
Standard	**42919** Standard	**12997** Flooded Braid	**TESSCO Part No.**	**78611** Standard
$4.26	$6.10 $3.96	$4.85 $3.55	List Price: T-1 Price:	$11.85 $7.69
$3.93	0.33 lb. $3.65	0.45 lb. $3.45	Ship lb.: T-2 Price:	0.7 lb. $7.10
$3.61	0.15 kg. $3.35	0.20 kg. $3.35	Ship kg.: T-3 Price:	0.32 kg. $6.51
	60196 Cell-Swept			**10494** PCS & Cellular Swept
	$6.65 $4.32			**11103** PCS Swept
	0.33 lb. $3.99			$13.00 $8.45
	0.15 kg. $3.66			0.7 lb. $7.80
				0.32 kg. $7.15

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1-1/4 Inch Transmission Line [400-75]

Manufacturer Table	Andrew Corporation LDF6-50	Andrew Corporation VXL6-50	Eupen Cable USA W1250	Times Microwave LMR-1700
Cable Type	1-1/4" Foam Heliax Cable	1-1/4" Flexible Feeder	1-1/4" Foam	1-1/4" Foam
Impedance (Ohms)	50 Ohms	50 Ohms	50 Ohm	50 Ohm
Maximum Frequency	3.3 Ghz	3.3 Ghz	3.7 GHz	3.2 GHz
VOP.	89%	89%	88%	89%
Peak Power (W)	205kW	205kW	180 kW	202 kW
DC Breakdown Voltage	9000	8500	45 kV	N/A
DC Resistance (ctr/shld) Ohms	0.22/0.19	0.54/0.25	0.21/0.11	0.21/0.27
Capacitance	22.9 pF/ft	22.6 pF/ft	23 pF/ft.	22.8 pF/Ft
Inductance	0.056 uH/ft	0.056 uH/ft	0.0560 uH/ft.	.057 uH/Ft
Outer Conductor	Copper	Copper	Copper (Annular)	Tape & TC Braid
Inner Conductor	Copper	Copper	Copper (Tube)	Copper (Tube)
Diameter Over Jacket	1.55 in.	1.55 in.	1.535 in.	1.700 in.
Min. Bending Radius	15 in.	10 in.	15 in.	13.5 in.
Bending Moment (ft lbs)	36 lbs/ft	36 lbs/ft	39 ft. lbs.	40 ft. lbs.
Weight Per Foot	0.63 lbs.	0.63 lbs.	0.77 lbs.	.74 lb/ft
Tensile Strength	1300 lbs.	1300 lbs.	1500 lbs.	1500 lbs.
Flat Plate Crush Strength	138 lb/in	138 lb/in	168 lb.in.	300 lb/in.
Atten/100 @ 30 MHz	0.135 db	0.146 db	0.137 dB	0.149 dB
Atten/100 @ 50 MHz	0.176 db	0.190 db	0.180 dB	0.195 dB
Atten/100 @ 150 MHz	0.314 db	0.340 db	0.322 dB	0.347 dB
Atten/100 @ 450 MHz	0.571 db	0.619 db	0.600 dB	0.632 dB
Atten/100 @ 824 MHz	0.803 db	0.872 db	0.846 dB	0.890 dB
Atten/100 @ 894 MHz	0.841 db	0.914 db	0.887 dB	0.932 dB
Atten/100 @ 960 MHz	0.876 db	0.953 db	0.925 dB	0.970 dB
Atten/100 @ 1700 MHz	1.22 db	1.34 db	1.24 dB	1.36 dB
Atten/100 @ 1920 MHz	1.46 db	1.39 db	1.34 dB	1.46 dB
Atten/100 @ 2000 MHz	1.35 db	1.47 db	1.37 dB	1.50 dB
Avg Power @ 30 MHz	22.0 kW	19.36 kW	23.1 kW	20.30 kW
Avg Power @ 50 MHz	16.9 kW	14.86 kW	17.7 kW	15.6 kW
Avg Power @ 450 MHz	5.22 kW	4.57 kW	5.36 kW	4.80 kW
Avg Power @ 800 MHz	3.78 kW	3.30 kW	3.85 kW	3.40 kW
Avg Power @ 894 MHz	3.54 kW	3.10 kW	3.59 kW	3.20 kW
Avg Power @ 960 MHz	3.40 kW	2.97 kW	3.47 kW	3.10 kW
Warranty	10 Years	10 Years	10 Years	5 Years
TESSCO Part No.	**446142** Standard	**426195** Standard	**39221** Standard	**71187** Fire Retardan
List Price: T-1 Price:	$11.85 $8.46	$10.75 $7.66	$11.85 $7.69	$11.50 $8.40
Ship lb.: T-2 Price:	0.67 lb. $7.81	0.67 lb. $7.07	0.67 lb. $7.10	0.93 lb. $8.17
Ship kg.: T-3 Price:	0.30 kg. $7.16	0.30 kg. $6.48	0.30 kg. $6.51	0.42 kg. $7.94
				89783 Flooded Brai
				$7.80 $5.70
				0.74 lb. $5.54
				0.34 kg. $5.39

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Coaxial Cable and Transmission Line

er	RFS Cablewave LCF158-50J	Andrew Corporation LDF7-50A	Andrew Corporation LDF7RN-50A	Andrew Corporation VXL7-50
& 2-1/4" mission Line 85]				
	1-5/8" Foam	1-5/8" Foam Heliax Cable	1-5/8" Fire Retardant Cable	1-5/8" Flexible Feeder Cable
Ohms)	50 Ohm	50 Ohms	50 Ohms	50 Ohms
requency	2.75 GHz	2.5 Ghz	2.5 Ghz	2.5 Ghz
	88%	88%	88%	88%
(W)	310 kW	315kW	315kW	275kW
own Voltage	11 kV	11000	11000	10500
nce (ctr/shld) Ohms	.29/.10	0.25/0.16	0.25/0.16	0.42/0.16
	23.1 pF/ft.	23.1 pF/ft	23.1 pF/ft	22.5 pF/ft
	0.058 uH/ft.	0.058 uH/ft	0.058 uH/ft	0.05 uH/ft
luctor	Copper (Annular)	Copper	Copper	Copper
uctor	Copper (Spiral Tube)	Copper tube	Copper tube	Copper tube
ver Jacket	2.01 in.	1.98 in.	1.98 in.	1.98 in.
g Radius	20 in.	20.0 in.	20.0 in.	15.0 in.
ment (ft lbs)	34 ft. lbs.	40 ft lbs.	40 ft lbs.	35 ft lbs.
Foot	0.92 lb/ft.	0.82 lbs.	0.82 lbs.	0.75 lbs.
ngth	750 lbs.	800 lbs.	800 lbs.	550 lbs.
ush Strength	175 lb/in.	120 lb/in.	120 lb/in.	110 lb/in.
@ 30 MHz	0.109 dB	0.109 db	0.109 db	0.109 db
@ 50 MHz	0.143 dB	0.142 db	0.142 db	0.142 db
@ 150 MHz	0.257 dB	0.254 db	0.254 db	0.254 db
@ 450 MHz	0.475 dB	0.467 db	0.467 db	0.467 db
@ 824 MHz	0.675 dB	0.662 db	0.662 db	0.662 db
@ 894 MHz	0.710 dB	0.694 db	0.694 db	0.694 db
@ 960 MHz	0.741 dB	0.724 db	0.724 db	0.724 db
@ 1700 MHz	1.05 dB	1.02 db	1.02 db	1.02 db
@ 1920 MHz	1.13 dB	1.13 db	1.13 db	1.13 db
@ 2000 MHz	1.16 dB	1.13 db	1.13 db	1.13 db
@ 30 MHz	32.3 kW	30.9 kW	30.9 kW	30.9 kW
@ 50 MHz	24.7 kW	23.6 kW	23.6 kW	23.6 kW
@ 450 MHz	7.45 kW	7.18 kW	7.18 kW	7.18 kW
@ 800 MHz	5.33 kW	5.15 kW	5.15 kW	5.15 kW
@ 894 MHz	4.99 kW	4.83 kW	4.83 kW	4.83 kW
@ 960 MHz	4.78 kW	4.63 kW	4.63 kW	4.63 kW
	5 Years	10 Years	10 Years	10 Years
art No.	**67140** Standard	**417128** Standard	**414178** Standard	**480131** Standard
T-1 Price:	$15.10 $9.82	$15.90 $11.34	$19.05 $13.61	$15.10 $10.78
T-2 Price:	0.92 lb. $9.06	0.92 lb. $10.47	0.92 lb. $12.56	0.75 lb. $9.95
T-3 Price:	0.42 kg. $8.31	0.42 kg. $9.60	0.42 kg. $11.52	0.34 kg. $9.12
	61704 PCS,Cell Swept			
	$16.05 $10.44			
	0.9 lb. $9.63			
	0.41 kg. $8.83			

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1-5/8" & 2-1/4" Transmission Line [400-85]

Manufacturer Table	CommScope, Inc. CR50-1873PE	Eupen Cable USA W1625	RFS Cablewave LCF214-50J	Eupen Cable USA EC8-50
Cable Type	1-5/8" Cell Reach	1-5/8" Foam	2-1/4" Foam Cable	2-1/4" Foam
Impedance (Ohms)	50 Ohm	50 Ohm	50	50 Ohm
Maximum Frequency	2.5 GHz	2.8 GHz	2.2 GHz	2.8 GHz
VOP.	88%	88%	88	88%
Peak Power (W)	315 kW	300 kW	425 kW	300 kW
DC Breakdown Voltage	11 kV	60 kV	13000	60 kV
DC Resistance (ctr/shld) Ohms	0.37/0.14	0.23/0.08	0.16/0.08	0.23/0.08
Capacitance	23.1 pF/ft.	22.86 pF/ft.	22.7	22.86 pF/ft.
Inductance	0.058 uH/ft.	0.0579 uH/ft.	0.058	0.0579 uH/ft.
Outer Conductor	Copper (Smooth)	Copper (Annular)	Copper (Annular)	Copper (Annular)
Inner Conductor	Copper (Tube)	Copper (Spiral Tube)	Copper (Spiral tube)	Copper (Spiral Tube)
Diameter Over Jacket	1.980 in.	1.969 in.	2.36	1.969 in.
Min. Bending Radius	20 in.	20.00 in.	22"	20.00 in.
Bending Moment (ft lbs)	45 ft. lbs.	50 ft. lbs.	60	50 ft. lbs.
Weight Per Foot	0.83 lb/ft.	0.92 lbs.	1.29	0.92 lbs.
Tensile Strength	1500 lbs.	1000 lbs.	587	1000 lbs.
Flat Plate Crush Strength	150 lb/in.	190 lb/in.	150	190 lb/in.
Atten/100 @ 30 MHz	0.107 dB	0.115	0.096	0.115
Atten/100 @ 50 MHz	0.137 dB	0.150	0.126	0.150
Atten/100 @ 150 MHz	0.252 dB	0.275	0.228	0.275
Atten/100 @ 450 MHz	0.458 dB	0.512	0.424	0.512
Atten/100 @ 824 MHz	0.645 dB	0.738	0.607	0.738
Atten/100 @ 894 MHz	0.675 dB	0.777	0.638	0.777
Atten/100 @ 960 MHz	0.707 dB	0.811	0.666	0.811
Atten/100 @ 1700 MHz	.956 dB	1.05 dB	0.951	.923 dB
Atten/100 @ 1920 MHz	1.02 dB	1.13 dB	1.03	1.00 dB
Atten/100 @ 2000 MHz	1.05 dB	1.16 dB	1.05	1.028 dB
Avg Power @ 30 MHz	---	30.1 kW	38.2	30.1 kW
Avg Power @ 50 MHz	---	23.3 kW	29.2	23.3 kW
Avg Power @ 450 MHz	6.710 kW	6.81 kW	8.69	6.81 kW
Avg Power @ 800 MHz	4.810 kW	5.46 kW	6.18	5.46 kW
Avg Power @ 894 MHz	4.510 kW	4.49 kW	5.78	4.49 kW
Avg Power @ 960 MHz	4.320 kW	4.30 kW	5.54	4.30 kW
Warranty	10 Years	10 Years	3 yrs.	10 Years
TESSCO Part No.	**78051** Standard	**68098** Standard	**39747** Standard	**54578** Standard
List Price: T-1 Price:	$15.10 $9.82	$15.90 $10.31	$21.25 $14.87	$21.25 $13.8
Ship lb.: T-2 Price:	0.88 lb. $9.06	0.92 lb. $9.52	1.29 lb. $14.34	1.29 lb. $12.7
Ship kg.: T-3 Price:	0.40 kg. $8.31	0.42 kg. $8.73	0.59 kg. $13.81	0.59 kg. $11.6
		46982 Cell-Swept		
		$15.80 $10.25		
		0.92 lb. $9.46		
		0.42 kg. $8.67		

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75 Ohm Transmission Line [400-87]

orporation	Manufacturer Table	Andrew Corporation LDF4-75A	Andrew Corporation FSJ4-75A
n	Cable Type	1/2" 75 Ohm Foam Cable	1/2" 75 Ohm Superflex Cable
	Impedance (Ohms)	75 Ohms	75 Ohms
	Maximum Frequency	0-10 Ghz	0-11.5 Ghz
	VOP.	88%	81%
	Peak Power (W)	26kW	10kW
	DC Breakdown Voltage	4000	5000
	DC Resistance (ctr/shld) Ohms	1.15/0.58	1.50/1.00
	Capacitance	15.4 pF/ft	16.7 pF/ft
	Inductance	0.087 uH/ft	0.094 uH/ft
	Outer Conductor	Copper	Copper
be	Inner Conductor	Copper-Clad Aluminum	Copper
	Diameter Over Jacket	0.63 in.	0.52 in.
	Min. Bending Radius	5 in.	1.25 in.
	Weight Per Foot	0.14	0.14
	Tensile Strength	200lb	140 lb
	Flat Plate Crush Strength	110 lb/in.	105 lb/in.
	Atten/100 @ 30 MHz	0.333	0.514
	Atten/100 @ 50 MHz	0.432	0.668
	Atten/100 @ 150 MHz	0.764	1.19
	Atten/100 @ 450 MHz	1.37	2.14
	Atten/100 @ 824 MHz	1.91	2.99
	Atten/100 @ 960 MHz	2.08	3.26
	Atten/100 @ 1700 MHz	2.87	4.53
	Atten/100 @ 1920 MHz	3.08	4.85
	Atten/100 @ 2000 MHz	3.15	4.98
	Avg Power @ 30 MHz	3.10	3.30
	Avg Power @ 50 MHz	2.39	2.54
	Avg Power @ 450 MHz	0.753	0.794
	Avg Power @ 800 MHz	0.550	0.577
	Avg Power @ 894 MHz	0.517	0.542
	Avg Power @ 960 MHz	0.497	0.521
	Warranty	10 Year	10 Year
Standard	**TESSCO Part No.**	**416175** Standard	**468178** Standard
$15.19	List Price: T-1 Price:	$2.65 $1.90	$3.90 $2.78
$14.02	Ship lb.: T-2 Price:	0.16 lb. $1.75	0.16 lb. $2.57
$12.85	Ship kg.: T-3 Price:	0.07 kg. $1.61	0.07 kg. $2.35

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Air Dielectric Cable [400-88]

Manufacturer Table	RFS Cablewave CAT12-50JFP	Andrew Corporation HJ4-50	Andrew Corporation HL4RP-50 Plenum	RFS Cablewave HCA78-50J
Cable Type	1/2" Air Plenum	1/2" Air Cable	1/2" Plenum Air Cable	7/8" Air Cable
Impedance (Ohms)	50 Ohm	50 Ohm	50 Ohm	50 Ohm
Maximum Frequency	4 GHz	2.7ghz	6.0 Ghz	3.0 GHz
VOP.	93.0%	92.1%	88%	93.0%
Peak Power (W)	21.4 kW	305kw	21.0kw	73 kW
DC Breakdown Voltage	3.0 kV	2900	4000	6 kV
DC Resistance (ctr/shld) Ohms	0.45/0.58	0.45/0.40	0.45/0.58	0.31/0.20
Capacitance	20.4 pF/ft	22.1pF/ft	23.0pF/ft	21.6 pF/ft
Inductance	0.058 uF/ft	0.055 uH/Ft	0.058 uH/Ft	n/a
Outer Conductor	Copper (Annular)	Copper	Copper	Copper (Spiral)
Inner Conductor	Copper Clad Aluminum	Copper	Copper-Clad Aluminum	Copper Tubular
Diameter Over Jacket	0.61 in.	1.98	0.61	1.12 in.
Min. Bending Radius	5 in.	5"	5"	10 in.
Bending Moment (ft lbs)	2.8 ft. lbs.	30lb-ft	30lb-ft	n/a
Weight Per Foot	0.18 lb/ft.	1.04 lb/ft	0.18 lb/ft	0.46 lb/ft.
Tensile Strength	250 lbs.	700 lbs.	250 lbs.	360 lbs.
Flat Plate Crush Strength	100 lbs/in	250 lb/in	80 lb/in	n/a
Atten/100 @ 30 MHz	0.360 dB	0.442 db	0.389 db	0.193 dB
Atten/100 @ 50 MHz	Not Specified	0.574 db	0.506 db	0.251 dB
Atten/100 @ 150 MHz	Not Specified	1.01 db	0.896 db	0.445 dB
Atten/100 @ 450 MHz	1.48 dB	1.82 db	1.61 db	0.785 dB
Atten/100 @ 824 MHz	2.06 dB	2.53 db	2.24 db	1.08 dB
Atten/100 @ 894 MHz	2.16 dB	2.64 db	2.34 db	1.13 dB
Atten/100 @ 960 MHz	2.24 dB	2.75 db	2.44 db	1.17 dB
Atten/100 @ 1700 MHz	3.10 dB	3.80 db	3.37 db	1.60 dB
Atten/100 @ 1920 MHz	3.31 dB	3.90 db	3.68 db	1.71 dB
Atten/100 @ 2000 MHz	3.40 dB	4.17 db	3.71 db	1.75 dB
Avg Power @ 30 MHz	13.3 kW	4.40 kW	8.34 kW	15.7 kW
Avg Power @ 50 MHz	Not Specified	3.38 kW	5.22 kW	12.1 kW
Avg Power @ 450 MHz	3.24 kW	1.07 kW	1.64 kW	3.92 kW
Avg Power @ 800 MHz	2.36 kW	0.781 kW	1.20 kW	2.91 kW
Avg Power @ 894 MHz	2.22 kW	0.734 kW	1.13 kW	2.75 kW
Avg Power @ 960 MHz	2.14 kW	0.706 kW	1.08 kW	2.65 kW
Warranty	5 Years	10 Years	10 Years	5 Years
TESSCO Part No.	**448066** Plenum Rated	**468149** Standard	**484161** Plenum Rated	**50934** Standard
List Price: T-1 Price:	$3.40 $2.69	$4.50 $4.14	$3.40 $3.10	$8.05 $6.41
Ship lb.: T-2 Price:	0.18 lb. $2.52	0.3 lb. $4.05	0.3 lb. $3.03	0.5 lb. $6.01
Ship kg.: T-3 Price:	0.08 kg. $2.36	0.14 kg. $3.96	0.14 kg. $2.96	0.23 kg. $5.61

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Coaxial Cable and Transmission Line

wave JB	Andrew Corporation HJ5-50	RFS Cablewave HCA158-50J	RFS Cablewave HCA158-50JB	Andrew Corporation HJ7-50A
enum	7/8" Air Cable	1-5/8" Air Cable	1-5/8" Air Cable	1-5/8" Air Cable
	50 Ohms 5.2 Ghz 91.6% 90 kW	50 Ohm 3.0 GHz 95% 270 kW 11 kV	50 Ohm 3.0 GHz 95% 270 kW 11 kV	50 Ohms 2.7 Ghz 92.1% 305 kW 11000
d Copper be	0.25/0.20 22.2 pF/ft 0.055 uH/ft Copper Copper	0.33/0.11 21.3 pF/ft n/a Copper Copper Tubular	0.33/0.11 21.3 pF/ft n/a Corrugated Copper Corrugated Copper	0.22/0.10 22.1 pF/ft 0.055 uH/ft Copper Copper
	1.11 in. 10 in. 25 ft lbs. 0.54 lb/ft 800 lbs. 250 lbs/in	1.94 in. 22 in. n/a 0.89 lb/ft. 337 lbs. n/a	1.98 in. 22 in. n/a 0.89 lb/ft. 337 lbs. n/a	1.98 in. 20 in. 30 lbs. 1.04 lb/ft 750 lbs. 175 lbs/in.
	0.198 db 0.258 db 0.457 db 0.823 db 1.15 db 1.20 db 1.25 db 1.73 db 1.80 db 1.91 db	0.103 dB 0.133 dB 0.232 dB 0.405 dB 0.552 dB 0.576 dB 0.597 dB .803 dB .852 dB .874 dB	0.103 dB 0.133 dB 0.232 dB 0.405 dB 0.552 dB 0.576 dB 0.597 dB .803 dB .855 dB .874 dB	0.109 db 0.142 db 0.251 db 0.451 db 0.629 db 0.658 db 0.685 db 0.948 db .928 db 1.04 db
	14.0 kW 10.8 kW 3.38 kW 2.46 kW 2.31 kW 2.22 kW	35.9 kW 27.8 kW 9.18 kW 6.87 kW 6.50 kW 6.27 kW	35.9 kW 27.8 kW 9.18 kW 6.87 kW 6.50 kW 6.27 kW	30.8 kW 23.7 kW 7.44 kW 5.42 kW 5.10 kW 4.90 kW
	10 Years	5 Years	3 Years	10 Years
Plenum Rated $9.26 $8.68 $8.10	**472196** Standard $8.05 $7.37 0.54 lb. $7.21 0.25 kg. $7.05 **420118** Fire Retardant $11.60 $10.65 0.54 lb. $10.42 0.25 kg. $10.19	**94522** Standard $17.20 $13.76 0.87 lb. $12.90 0.40 kg. $12.04	**484069** Plenum Rated $40.00 $32.00 1.04 lb. $30.00 0.47 kg. $28.00	**468114** Standard $17.20 $15.83 1.04 lb. $15.48 0.47 kg. $15.14 **464133** NEW Plenum $23.70 $21.77 1.04 lb. $21.30 0.47 kg. $20.83 **465186** Fire Retardant $20.60 $18.92 1.04 lb. $18.51 0.47 kg. $18.10

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Radiating Cable [400-90]

Manufacturer Table	RFS Cablewave RCF38-50	RFS Cablewave RCF12-50	RFS Cablewave RT2-FLC12-50	Andrew Corporation RXL4-1A
Cable Type	3/8" Radiating Cable	1/2" Radiating	1/2" Radiating	1/2" Radiax Cable
Impedance (Ohms)	50	50	50	50
Maximum Frequency	13.5Ghz	8.8Ghz	8.8 GHz	
VOP	88%	88%	88%	88%
Dia. over jacket - inches (mm)	0.47 (12.0)	0.63 (16.0)	0.65 (16)	0.73 (19)
Min. bend radius, inches (mm)	2 (50)	2.76 (70)	5 (125)	5 (125)
Att. dB/100ft @ 75Mhz	1.01	.69		
Att. dB/100ft @ 150Mhz	1.45	.98	1.1	1.01
Att. dB/100ft @ 450Mhz	2.61	1.77	2.5	2.01
Att. dB/100ft @ 900Mhz	3.81	2.61	3.6	2.90
Att. dB/100ft @ 1800Mhz	5.67	4.11		
Att. dB/100ft @ 1900Mhz	5.88	4.24		
Att. dB/100ft @ 2400Mhz		4.72	5.8	
Coupling Loss 50% @ 75Mhz	58 dB	50 dB		
Coupling Loss 50% @ 150Mhz	68 dB	57 dB	52	58 dB
Coupling Loss 50% @ 450Mhz	74 dB	66 dB	57	63 dB
Coupling Loss 50% @ 900Mhz	71 dB	66 dB	63	68 dB
Coupling Loss 50% @ 1800Mhz	73 dB	67 dB		
Coupling Loss 50% @ 1900Mhz	73 dB	70 dB		
Coupling Loss 50% @ 2400Mhz		83 dB	69	
Warranty	5 Years	5 Years	5 Years	10 Years
TESSCO Part No.	**83237** NEW Standard Jacket	**19089** Standard Jacket	**29132** Standard Jacket	**445182** Standard
List Price: T-1 Price:	$2.70 $2.03	$3.60 $2.70	$3.65 $2.74	$3.60 $3.31
Ship lb.: T-2 Price:	0.09 lb. $1.98	0.15 lb. $2.63	0.2 lb. $2.67	0.2 lb. $3.24
Ship kg.: T-3 Price:	0.04 kg. $1.89	0.07 kg. $2.52	0.09 kg. $2.56	0.09 kg. $3.16
	31630 Flame Retardant	**35677** Flame Retardant	**54311** Fire Retardant	
	$3.50 $2.63	$4.20 $3.15	$4.80 $3.60	
	0.1 lb. $2.56	0.17 lb. $3.07	0.2 lb. $3.51	
	0.05 kg. $2.45	0.08 kg. $2.94	0.09 kg. $3.36	

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Waveguide, Connectors and Accessories

rporation T	RFS Cablewave RCAT12-50JFP	Andrew Corporation RXP4-1	Times Microwave FlexRAD-600-PVC	RFS Cablewave RCF78-50
tardant Radiax	1/2" Plenum Air	1/2" Plenum/Radiax Air	1/2" Foam Radiating Cable	7/8" Radiating Cable
	50 94%	50 94%	50 87%	50 5Ghz 88%
	0.73 5 (125)	0.62 (16) 5 (125)	.520 (13.20) 1.5" (38)	1.10 (28.0) 4.72 (120)
	1.1 2.6 4.6 9.4	1.1 2.01 2.90 9.4	1.34 2.22 3.35 5.30 6.40	.38 .55 1.01 1.52 2.65 2.74 3.08
	56 63 56 70	56 dB 63 dB 68 dB 70 dB	54 61 68 69 67	56 dB 65 dB 72 dB 72 dB 68 dB 68 dB 68 dB
	10 Years	10 Years	5 Years	5 years
EW Fire Retardant $4.79 $4.68 $4.58	**71729** Plenum Rated $4.95 $3.96 0.18 lb. $3.72 0.08 kg. $3.47	**438007** Plenum/Fire Retardant ***Uses LDF4-50A connectors like L4PNF L4PNM-H*** $4.95 $4.81 0.2 lb. $4.73 0.09 kg. $4.66	**453356** NEW Extruded PVC Jacket $1.30 $1.27 0.09 lb. $1.25 0.04 kg. $1.23	**92162** NEW Standard Jacket $5.25 $3.91 0.38 lb. $3.81 0.17 kg. $3.65 **418058** NEW Fire Retardant $6.95 $5.19 0.15 lb. $5.06 0.07 kg. $4.85 **33387** NEW Flame Retardant $5.50 $4.11 0.15 lb. $4.00 0.07 kg. $3.83

ghts reserved.

Elliptical Waveguide [430-20]

Manufacturer Table	Andrew Corporation EW52	RFS Cablewave E61	Andrew Corporation EW63	RFS Cablewave E65
Impedance (Ohms)	50	50	50	50
Atten. @ 5.9 GHz (dB/100ft)	1.21	1.22	1.49	1.50
Atten. @ 6.4 GHz (dB/100ft)	1.16	1.16	1.40	1.39
Atten. @ 7.1 GHz (dB/100ft)	N/A	N/A	1.32	1.30
Group Vel. @ 5.9 GHz (mi/s)	78.8	78.6	73.8	73.5
Group Vel. @ 6.4 GHz (mi/s)	82.1	82.1	78.1	78.1
Group Vel. @ 7.1 GHz (mi/s)	N/A	N/A	82.7	82.6
Weight (approximate lbs/ft)	0.59	0.68	0.51	0.53
O.D. (in) Major Axis	2.21	2.2	2.01	2.03
O.D. (in) Minor Axis	1.26	1.3	1.16	1.18
Bending Radius E-plane	8.0 w/out rebending	8.0 w/out rebending	7.0 w/out rebending	8.0 w/out rebending
Bending Radius H-plane	22.0 w/out rebending	22.0 w/out rebending	20.0 w/out rebending	21.0 w/out rebending
Max. Operating Pressure (psi)	10	7.1	10	7.1
Max Length for 1 Hoist Grip-ft	330	305	330	305
Std. Hanger Spacing (ft)	3.5' @ 125 mph	3	3.5' @ 125 mph	3
Install Temp Range (degF)	N/A	-40 to +140	Not Specified	-40 to +140
Warranty	10 Years	5 Years	10 Years	5 Years
TESSCO Part No.	**485131** 5.60-6.425 Ghz	**11946** 5.725 - 5.85	**433191** 5.925-7.125 Ghz	**36462** 6.425-7.125
List Price: T-1 Price:	$19.80 $16.80	**25001** 5.925-6.425	$17.20 $14.60	$17.20 $12.8
Ship lb.: T-2 Price:	0.67 lb. $16.31	$19.80 $14.82	0.67 lb. $14.17	0.53 lb. $12.5
Ship kg.: T-3 Price:	0.30 kg. $16.11	0.68 lb. $14.43	0.30 kg. $14.00	0.24 kg. $12.0
	462344 NEW 5.925-6.425	0.31 kg. $13.84	**440379** NEW 6.425-7.125	
	$21.90 $18.62		$17.85 $15.15	
	0.59 lb. $18.07		0.67 lb. $14.71	
	0.27 kg. $17.85		0.30 kg. $14.53	

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Waveguide, Connectors and Accessories

rporation	RFS Cablewave E78	RFS Cablewave E108	Andrew Corporation EW180	RFS Cablewave E191
	50	50	50	50
	N/A N/A 1.89	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A
	N/A N/A 83.6	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A
	0.413 1.73 1.06 8.0 w/out rebending 21.0 w/out rebending	0.352 1.35 0.84 7.0 w/out rebending 15.0 w/out rebending	0.15 0.78 0.48 6.0 w/out rebending 15.0 w/out rebending	0.18 0.82 0.51 5.0 w/out rebending 12.0 w/out rebending
rebending rebending				
	7.1 305 3 -40 - +140 5 Years	7.1 305 3 -40 to +140 5 Years	N/A N/A 4' @ 125 mph Not Specified 10 Years	7.1 305 2 -40 to +140 5 Years
mph d				
EW 7.125 - 8.500 $14.82 $14.40 $14.23	**492392** NEW 7.125-8.500 $16.85 $12.63 0.42 lb. $12.30 0.19 kg. $11.79	**462370** NEW 10.5-11.7 $15.50 $11.62 0.35 lb. $11.31 0.16 kg. $10.85	**432320** NEW 17.7-19.7 $10.80 $9.18 0.15 lb. $8.91 0.07 kg. $8.80	**421384** NEW 17.7-19.7 $11.15 $8.34 0.18 lb. $8.11 0.08 kg. $7.78

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Manufacturer Table	Andrew Corporation EW90

Elliptical Waveguide [430-20]

Impedance (Ohms)	50
Atten. @ 5.9 GHz (dB/100ft)	1.49
Atten. @ 6.4 GHz (dB/100ft)	1.40
Atten. @ 7.1 GHz (dB/100ft)	1.32
Group Vel. @ 5.9 GHz (mi/s)	73.8
Group Vel. @ 6.4 GHz (mi/s)	78.1
Group Vel. @ 7.1 GHz (mi/s)	82.7
Weight (approximate lbs/ft)	0.51
O.D. (in) Major Axis	2.01
O.D. (in) Minor Axis	1.16
Bending Radius E-plane	7 w/out rebending
Bending Radius H-plane	20 w/out rebending
Max. Operating Pressure (psi)	10
Max Length for 1 Hoist Grip-ft	330
Std. Hanger Spacing (ft)	3
Install Temp Range (degF)	Not Specified
Warranty	10 Years

TESSCO Part No.		**480196** NEW 10.2-11.7 Ghz	
List Price:	T-1 Price:	$15.50	$13.64
Ship lb.:	T-2 Price:	0.67 lb.	$13.25
Ship kg.:	T-3 Price:	0.30 kg.	$13.09

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Twist-Flex Jumpers [430-40]

you need a Microwave Site Analyzer?

ctrum Analyzers . . . . . page 1403
itsu Microwave Site Master . . . . . page 1412

lex Jumpers

Fabricated from spiral wound silver plated bronze strip. Includes pressure tight (15psig) protective neoprene jacket. Allowable twist 100deg/ft for WR75 to 45deg./ft for WR229. VSWR 1.1 standard, 1.03 premium. Includes mounting hardware.

oduct table (1 of 2)

Manufacturer Mfg. P/N Warranty	Cable Length (in) Size EIA	Connectors Freq. Range (GHz)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Andrew Corporation FI37PC0120DS 3 Year	12 CPR137G	CPR137G 5.725-6.425 GHz	370.00 10 4.54	358.90 353.35 347.80
Andrew Corporation FI37PC0240CB 3 Year	24 CPR137G	CPR137G 6.425 - 7.125	465.00 10 4.54	451.05 444.08 437.10
Andrew Corporation FI37PC0360CA 1 Year	36 CPR137G	CPR137G 5.925 to 6.425 GHz	530.00 1.5 0.68	514.10 506.15 498.20
Andrew Corporation FI37PA0240BS 3 Year	24 UG-344/U	UG-344/U 6.425-7.750 GHz	370.00 10 4.54	358.90 353.35 347.80
Andrew Corporation FI37PC0240CA 1 Year	24 CPR137G	CPR137G 5.60-6.425	465.00 1.5 0.68	451.05 444.08 437.10
Andrew Corporation FI37PC0240DS 3 Year	24 CPR137G	CPR137G 5.725-6.425 GHz	370.00 10 4.54	358.90 353.35 347.80
Andrew Corporation FI37PA0120BS 3 Year	12 UG-344/U	UG-344/U 6.425-7.750 GHz	410.00 7.5 3.41	397.70 391.55 385.40
Andrew Corporation FI37PC0240CS 3 Year	24 CPR137G	CPR137G 5.85 - 8.20	370.00 10 4.54	358.90 353.35 347.80
RFS Cablewave 400005 1 Year	36 WR137	UG343B/344/U 5.8-8.2	510.00 1.5 0.68	382.50 372.30 357.00
RFS Cablewave 400003 1 Year	12 WR137	UG343B/344/U 5.8-8.2	410.00 1 0.45	307.50 299.30 287.00
RFS Cablewave 400004 1 Year	24 WR137	UG343B/344/U 5.8-8.2	500.00 1 0.45	375.00 365.00 350.00
RFS Cablewave 400172 1 Year	24 WR137	CMR137/UG-344/U 5.9-7.750	398.00 4 1.82	278.60 268.65 258.70
RFS Cablewave 400276 1 Year	36 WR-42	UG-595/U & UG-596/U 21.2 TO 23.6 GHz	475.00 4 1.82	332.50 320.63 308.75
RFS Cablewave 400013 1 Year	12 WR137	CPR137G 5.9-7.750	310.00 1 0.45	232.50 226.30 217.00
RFS Cablewave 400014 1 Year	24 WR137	CPR137G 5.9-7.750	370.00 1 0.45	277.50 270.10 259.00
RFS Cablewave 400015 1 Year	36 WR137	CPR137G 5.9-7.750	440.00 1.5 0.68	330.00 321.20 308.00
RFS Cablewave 400102 1 Year	24 WR137	CPR137G 5.925-7.125	465.00 3 1.36	348.75 339.45 325.50
RFS Cablewave 400103 1 Year	36 WR137	CPR137G 5.925-7.125	530.00 1.35 0.61	397.50 386.90 371.00
RFS Cablewave 400146 1 Year	24 WR137	CMR137 5.925-7.125	364.00 1 0.45	273.00 265.72 254.80
RFS Cablewave 400201 1 Year	36 WR137	CMR137 5.925-7.125	410.00 1 0.45	307.50 299.30 287.00

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Cable Length (in) Size EIA	Connectors Freq. Range (GHz)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 460377 1 EACH	Andrew Corporation FI37PC0480CA 1 Year	48 CPR137G	CPR137G 5.925 to 6.425 GHz	625.00 2.5 1.14	606.25 596.88 587.50

Elliptical Waveguide Connectors [430-60]

If you are buyint these, you may need:

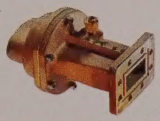
Tool Kits, Complete. . . . . page 1523
Wire Markers . . . . . page 1751
Cable System Analyzers. . . . . page 1410

Elliptical Waveguide Connectors

Elliptical waveguide connectors provide a low VSWR transition to a rectangular waveguide interface. The connector, comprised of five components, is designed to be assembled in the field using standard hand tools.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Flange Type Freq. Range (GHz)	Fits Waveguide	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
11787 1 EACH	RFS Cablewave 399268-101 1 Year	C61-158ET	CPR159G 5.6-6.425	E60	475.00 4 1.82	332.50 320.63 308.75
30474 1 EACH	RFS Cablewave 399269-101 1 Year	C61-137ET	CPR137G 5.6-6.425	E60	465.00 3.94 1.79	325.50 313.88 302.25
72249 1 EACH	RFS Cablewave 399269-103 1 Year	C61-137E	CPR137G 5.925-6.425	E60	435.00 2 0.91	304.50 293.63 282.75
74855 1 EACH	RFS Cablewave 399289-103 1 Year	C65-137E	CPR137G 5.925-7.125	E65	285.00 2 0.91	199.50 192.38 185.25
88573 1 EACH	RFS Cablewave 399288-103 1 Year	C65-137C	UG-343-344/U 5.925-7.125	E65	285.00 2 0.91	199.50 192.38 185.25

Andrew Waveguide Connectors



Andrew elliptical waveguide connectors provide a low VSWR transition to a rectangular waveguide interface. The connector, comprised of five components, is designed to be assembled in the field using standard hand tools.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Flange Type Freq. Range (GHz)	Fits Waveguide	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 438389 1 EACH	Andrew Corporation 164SC 3 Years	Stepped Tuned	UG/344-U 6.425-7.750 GHz	EW64	305.00 4 1.82	259.25 251.63 248.58
427172 1 EACH	Andrew Corporation 252SEM 10 Years	Fixed/Tuned	PDR70 5.6-6.425	EW52	445.00 4 1.82	378.25 367.13 362.68
443174 1 EACH	Andrew Corporation 252DE 3 Years	Fixed-Tuned	CPR137G 5.60 - 6.425	EW52	435.00 5.35 2.43	369.75 358.88 354.53
NEW 461136 1 EACH	Andrew Corporation 252DET 3 Years	Tunable	CPR137G 5.60 - 6.425	EW52	465.00 4 1.82	395.25 383.63 378.98
NEW 459142 1 EACH	Andrew Corporation 163DE 3 Years	Non-Tuneable	CPR137G 5.925 - 7.125	EW63	285.00 1 0.45	242.25 235.13 232.28
468187 1 EACH	Andrew Corporation 163SE 3 Years	Fixed-Tuned	CPR137G 5.925-7.125	EW63 & EWP63	285.00 4.6 2.09	242.25 235.13 232.28
NEW 486174 1 EACH	Andrew Corporation 163DZ 3 Years	Splice	CPR137G 5.925 - 7.125	EW63	310.00 1 0.45	263.50 255.75 252.65

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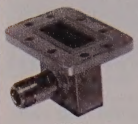
Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Flange Type Freq. Range (GHz)	Fits Waveguide	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
64284 1 EACH	Andrew Corporation 163DC 3 Years	Tunable	UG344/U 5.925 - 7.125	EW63	285.00 1 0.45	242.25 235.13 232.28

Elliptical Waveguide Flange Adapters [430-70]

Waveguide To Type N Female Coax Adapter



59222

Allows you to take a Waveguide Flange and transistion to a N Female Connector.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Flange A Flange B	Waveguide Size (EIA) Freq. Range (GHz)	VSWR	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
59222 1 EACH	RFS Cablewave 920417 1 year	N Type Female CPR137G	5.925 - 7.75 GHz	1.25:1	450.00 0.6 0.27	315.00 303.75 292.50

Elliptical Waveguide Flange Adapt.

4 inch straight waveguide with different flanges on each end. Hardware and pressure gaskets included.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Flange A Flange B	Waveguide Size (EIA) Freq. Range (GHz)	VSWR	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
80252 1 EACH	RFS Cablewave 920411 1 Year	CMR137 CPR137G	WR137 5.925-7.125	1.02:1	225.00 0.5 0.23	157.50 151.88 146.25

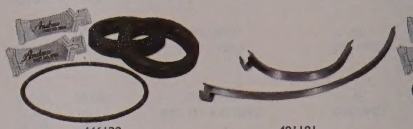
Elliptical Waveguide Accessories [430-80]

If you are buying these, you might need

Hanger Kits . . . . . page
Crimpers, Coaxial . . . . . page 1
Screwdriver Sets . . . . . page 1
Spectrum Analyzers . . . . . page 1
Cable System Analyzers . . . . . page 1

Elliptical Waveguide Accessories

47880 57897 18479 39327 30976 419194



446129 491181 436141

450148 479183

Various accessories for working wi tical Waveguide.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
479191 1 EACH	Andrew Corporation 55001-112 1 Year	Pressure window for CPR112G flange. For freq. 7.125 - 8.40. Flange mounted. Maximum pressure 15psig. Fits between CPR flanges. Locate close to RF equipment.	60.00 1 0.45
37195 1 EACH	RFS Cablewave 913412 1 Year	Hardware kit for WR137 includes nuts, bolts, and silicone rubber gasket for one flange connection.	22.00 1 0.45
47880 1 EACH	RFS Cablewave 920363 1 Year	Bending tool kit for E60 and EP60 elliptical waveguide. For forming bends on installation. Two forms included, one for E-pland and one for H-plane bends.	620.00 21 9.54
490124 1 EACH	Andrew Corporation EWBTK-5 1 Year	Bending tool kit for EW17 and EW20 elliptical waveguide. For forming bends on installation. Two forms included, one for E-pland and one for H-plane bends.	690.00 21 9.54
444185 1 EACH	Andrew Corporation 55001-137 3 Year	Pressure window for CPR137G flange. For freq. 5.60-6.425. Flange mounted Mylar. 1/16" thick. Maximum pressure 15psig. Fits between MIL choke/cover or CPR flanges. Electrically compensated. Locate close to RF equipment.	60.00 0.14 0.06
NEW 496188 1 EACH	Andrew Corporation 55219-137 3 Year	Flange Hardware Kit CPR137G flange.	12.80 0.5 0.23
57897 1 EACH	RFS Cablewave 400097 1 Year	Pressure window for CPR159G flange. For freq. 5.925-6.425. Flange mounted Mylar. 1/16" thick. Maximum pressure 15psig. Fits between MIL choke/cover or CPR flanges. Electrically compensated. Locate close to RF equipment.	60.00 0.5 0.23
487155 1 EACH	Andrew Corporation 55000A-137 3 Year	Pressure window for UG-343B/U flange. For freq. 5.60-6.425. Flange mounted Mylar. 1/16" thick. Maximum pressure 15psig. Fits between MIL choke/cover or CPR flanges. Electrically compensated. Locate close to RF equipment.	45.00 0.5 0.23
18479 1 EACH	RFS Cablewave 400108 1 Year	Pressure window for CPR137G flange. For freq. 5.925-7.750. Flange mounted Mylar. 1/16" thick. Maximum pressure 15psig. Fits between MIL choke/cover or CPR flanges. Electrically compensated. Locate close to RF equipment.	60.00 1 0.45
39327 1 EACH	RFS Cablewave 920365 1 Year	Bending tool kit for E65 and EP65 elliptical waveguide. For forming bends on installation. Two forms included, one for E-pland and one for H-plane bends.	340.00 8 3.64
30976 1 EACH	RFS Cablewave 399290 1 Year	Splice kit for E65 and EP65 elliptical waveguide. 2 conn. back fitting pieces, spacer plate and centering ring for a low VSWR splice.	310.00 4 1.82

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oduct table (2 of 2)

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Andrew Corporation 49486 3 Year	Current by-pass kit. Five feet of 6 gauge wire and lugs used to provide a low-loss current path arounf flexible waveguide sections.	40.00 0.75 0.34	38.80 38.20 37.60
Andrew Corporation 33544-41 3 Years	Connector re-attachment kit for EW127A and EWP127A waveguides.	20.00 0.1 0.05	17.00 16.50 16.30
Andrew Corporation EWFTK-52 3 Years	EW52 elliptical waveguide flaring tool kit.	1,020.00 4 1.82	867.00 841.50 831.30
Andrew Corporation 33586-7 3 Years	EW52 elliptical waveguide bending tool kit.	275.00 10 4.54	233.75 226.88 224.13
Andrew Corporation 33544-38 3 Years	Connector re-attachment kit for EW52, EWP52 and EWP52S waveguides.	20.00 0.1 0.05	17.00 16.50 16.30
Andrew Corporation 33586-8 3 Years	EW63 elliptical waveguide bending tool kit.	275.00 10 4.54	233.75 226.88 224.13
Andrew Corporation EWFTK-63 3 Years	EW63 elliptical waveguide flaring tool kit.	1,020.00 4 1.82	867.00 841.50 831.30
Andrew Corporation 33544-33 3 Years	Connector re-attachment kit for EW63, EWP63 and EWP63S waveguides.	20.00 0.1 0.05	17.00 16.50 16.30
Andrew Corporation 39098-137 3 Years	UG-343B/U Termination Load Kit	165.00 8 3.64	160.05 157.58 155.10
Andrew Corporation 39099-137 3 Years	CPR137G Termination Load Kit	110.00 8 3.64	106.70 105.05 103.40

Waveguide Accessories

Andrew manufactures a full line of accessories for their EW series elliptical waveguides.

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Andrew Corporation 190DZ 3 Years	EW90 Splice Kit	335.00 2 0.91	284.75 276.38 273.03

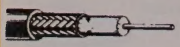
RG58 Cable [403-10]

If you are buying these, you might need:

Shelter Cable Support Systems . . . . . page 530
Cable Ties . . . . . page 1745
Cable System Analyzers . . . . . page 1410

RG-58/U

Solid center RG58 cable. Losses shown are for 100'. Solid polyethlene dielectric.



70503

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Shield % Impedance VOP.	Ctr.Cond Insulation Other Spec	loss 100 MHz loss 400 MHz loss 900 MHz	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
70503 1 FOOT	Belden 8240 1 Year	95% braid 53.5 Ohms 66%	.032 solid Polyethylene Mil Spec JAN-C-17A	4.5 dB 10.0 dB 16.0 dB	0.35 0.03 0.01	0.28 0.27 0.25
85135 500 FOOT	Belden 8240 1 Year	95% braid 53.5 Ohms 66%	.032 solid Polyethylene Mil Spec JAN-C-17A	4.5 dB 10.0 dB 16.0 dB	111.90 14.2 6.45	89.52 83.93 78.33
46742 1000 FOOT	Belden 8240 1 Year	95% braid 53.5 Ohms 66%	.032 solid Polyethylene Mil Spec JAN-C-17A	4.5 dB 10.0 dB 16.0 dB	223.80 26.6 12.09	179.04 167.85 156.66
24340 1000 FOOT	Belden 8240 BOX 1 Year	95% braid 53.5 Ohms 66%	.032 solid Polyethylene Mil Spec JAN-C-17A	4.5 dB 10.0 dB 16.0 dB	223.80 26.6 12.09	179.04 167.85 156.66
32110 1 FOOT	Belden 9201 1 Year	78% braid 53.5 Ohms 66%	.032 solid Polyethylene	4.5 dB 10.0 dB 16.0 dB	0.30 0.03 0.01	0.24 0.22 0.21
29781 500 FOOT	Belden 9201 1 Year	78% braid 53.5 Ohms 66%	.032 solid Polyethylene	4.5 dB 10.0 dB 16.0 dB	95.60 12.2 5.54	76.48 71.70 66.92
92533 1000 FOOT	Belden 9201 1 Year	78% braid 53.5 Ohms 66%	.032 solid Polyethylene	4.5 dB 10.0 dB 16.0 dB	189.40 30 13.64	132.58 118.38 111.75
62867 1 FOOT	Coleman Cable 991039 1 Year	80% braid 53.5 Ohms 66%	.032 solid bare copper Polyethylene	4.4 dB 8.5 dB 13.0 dB	0.20 0.03 0.01	0.12 0.11 0.11
34373 500 FOOT	Coleman Cable 991039 1 Year	80% braid 53.5 Ohms 66%	.032 solid bare copper Polyethylene	4.4 dB 8.5 dB 13.0 dB	95.00 15 6.82	52.25 48.64 47.50
88046 1000 FOOT	Coleman Cable 991039 1 Year	80% braid 53.5 Ohms 66%	.032 solid bare copper Polyethylene	4.4 dB 8.5 dB 13.0 dB	155.00 30 13.64	85.25 79.36 77.50
37688 1 FOOT	Coleman Cable 991041 1 Year	95% braid 53.5 Ohms 66%	.032 solid bare copper Polyethylene	4.4 dB 10.0 dB 16.0 dB	0.30 0.03 0.01	0.18 0.17 0.16
85980 500 FOOT	Coleman Cable 991041 1 Year	95% braid 53.5 Ohms 66%	.032 solid bare copper Polyethylene	4.5 dB 10.0 dB 16.0 dB	125.00 15 6.82	68.75 64.00 62.50
24474 1000 FOOT	Coleman Cable 991041 1 Year	95% braid 53.5 Ohms 66%	.032 solid bare copper Polyethylene	4.5 dB 10.0 dB 16.0 dB	210.00 30 13.64	115.50 107.52 105.00

RG-58A/U

Stranded center RG58 cable. Losses shown are for 100' lengths.

96931

Continuing product table (1 of 2)

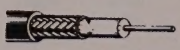
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Shield % Impedance VOP.	Ctr.Cond Insulation Other Spec	loss 100 MHz loss 400 MHz loss 900 MHz	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
96931 1 FOOT	Belden 8219 1 Year	96% braid 50 Ohms 73%	.037 stranded Foam Polyethylene	4.5 10.0 dB 16.6 dB	0.40 0.04 0.02	0.31 0.29 0.27

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Shield % Impedance VOP.	Ctr.Cond Insulation Other Spec	loss 100 MHz loss 400 MHz loss 900 MHz	List ($) Wt. (lbs) Wgt. (kg.)
45324 1 FOOT	Belden 8219 WHITE 1 Year	96% braid 50 Ohms 78%	.037 stranded Foam Polyethylene White	4.5 9.0 dB 13.8 dB	0.30 0.04 0.02
67515 500 FOOT	Belden 8219 1 Year	96% braid 50 Ohms 78%	.037 stranded Foam Polyethylene	4.5 9.0 dB 13.8 dB	138.90 14 6.36
81388 1000 FOOT	Belden 8219 1 Year	96% braid 50 Ohms 78%	.037 stranded Foam Polyethylene	4.5 9.0 dB 13.8 dB	277.80 27.47 12.49
46282 1 FOOT	Belden 8259 1 Year	95% braid 50 Ohms 66%	.035 stranded Polyethylene	5.4 dB 12.4 dB 21.1 dB	0.35 0.03 0.01
83717 500 FOOT	Belden 8259 1 Year	95% braid 50 Ohms 66%	.035 stranded Polyethylene	5.4 dB 12.4 dB 21.1 dB	117.50 13.6 6.18
92078 500 FOOT	Belden 8259U 1 Year	95% braid 50 Ohms 66%	.035 stranded Polyethylene Unreel Box	5.4 dB 12.4 dB 21.1 dB	117.50 13.6 6.18
95250 1000 FOOT	Belden 8259 1 Year	95% braid 50 Ohms 66%	.035 stranded Polyethylene	5.4 dB 12.4 dB 21.1 dB	233.40 27 12.27
57990 1 FOOT	Coleman Cable 991045 1 Year	95% braid 50.0 Ohms 66%	.032 stranded tinned copper Polyethylene	4.9 dB 11.5 dB 20.0 dB	0.40 0.03 0.01
93398 1000 FOOT	Coleman Cable 991045 1 Year	95% braid 50.0 Ohms 66%	.032 stranded tinned copper Polyethylene	4.9 dB 11.5 dB 20.0 dB	240.00 27.5 12.5
90544 1 FOOT	Coleman Cable 991049BLK 1 Year	96% braid 50 Ohms 78%	.037 stranded Tinned Copper Foam Polyethylene	4.5 9.0 dB 13.8 dB	0.30 0.04 0.02
52151 1000 FOOT	Coleman Cable 991049BLK 1 Year	96% braid 50 Ohms 78%	.037 stranded tinned copper Foam Polyethylene	4.5 9.0 dB 13.8 dB	240.00 27.5 12.5
65365 1 FOOT	Coleman Cable 991049WHT 1 Year	96% braid 50 Ohms 78%	.037 stranded tinned copper Foam Polyethylene White	4.5 9.0 dB 13.8 dB	0.35 0.04 0.02
13758 1000 FOOT	Coleman Cable 991049WHT 1 Year	96% braid 50 Ohms 78%	.037 stranded tinned copper Foam Polyethylene White	4.5 9.0 dB 13.8 dB	240.00 14.2 6.45
66733 1 FOOT	Coleman Cable 991053 1 Year	80% braid 50 Ohms 78%	.037 solid Bare Copper Foam Polyethylene	3.4 8.7 13.0	0.20 0.03 0.01
52621 1000 FOOT	Coleman Cable 991053 1 Year	80% braid 50 Ohms 78%	.032 solid bare copper Foam Polyethylene	3.4 8.7 13.0	158.00 27.5 12.5

RG-58/U Plenum

Plenum rated for use indoors when running cables in al
Losses shown are per 100'.



80578

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Shield % Impedance VOP.	Ctr.Cond Insulation Other Spec	loss 100 MHz loss 400 MHz loss 900 MHz	List ($) Wt. (lbs) Wgt. (kg.)
94955 1 FOOT	Belden 82240 1 Year	95% braid 53.5 Ohms 69.5%	.032 solid FEP Mil Spec NEC CMP	3.9 8.70 dB 14.5 dB	0.70 0.03 0.01
24325 500 FOOT	Belden 82240 1 Year	95% braid 53.5 Ohms 69.5%	.032 solid FEP Mil Spec NEC CMP	3.9 8.70 dB 14.5 dB	352.00 13.25 6.02
80578 1000 FOOT	Belden 82240 1 Year	95% braid 53.5 Ohms 69.5%	.032 solid FEP Mil Spec NEC CMP	3.9 8.70 dB 14.5 dB	704.00 29 13.18

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roduct table (2 of 2)

Manufacturer Mfg. P/N Warranty	Shield % Impedance VOP.	Ctr.Cond Insulation Other Spec	loss 100 MHz loss 400 MHz loss 900 MHz	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Belden 88240 1 Year	95% braid 53.5 Ohms 69.5%	.032 solid FEP Teflon Plenum Rated	3.9 8.70 dB 14.5 dB	0.95 0.05 0.02	0.74 0.69 0.65
Belden 88240 1 Year	95% braid 53.5 Ohms 69.5%	.032 solid FEP Teflon Plenum Rated	3.9 8.70 dB 14.5 dB	459.00 17 7.73	367.20 344.25 321.30
Belden 88240 1 Year	95% braid 53.5 Ohms 69.5%	.032 solid FEP Teflon Plenum Rated	3.9 8.70 dB 14.5 dB	918.00 31 14.09	734.40 688.50 642.60

nk

57704

ULTRALINK cable features 100% foil shield with a 97% braided shield. Connectors are same as regular RG58. Loss is per 100'.

Manufacturer Mfg. P/N Warranty	Shield % Impedance VOP.	Ctr.Cond Insulation Other Spec	loss 100 MHz loss 400 MHz loss 900 MHz	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Cushcraft/Signals TL92463 WHITE 1 Year	100% foil 95% braided 50 Ohm 69%	.032 solid Teflon White jacket	4.2 dB 8.6 dB 14.0 dB	1.10 0.1 0.05	0.66 0.57 0.55
Cushcraft/Signals TL92463 WHITE 1 Year	100% foil 95% braided 50 Ohms 69%	.032 solid Teflon White jacket	4.2 dB 8.6 dB 14.0 dB	360.00 20 9.09	224.30 224.30 224.30
Cushcraft/Signals TL92887 1 Year	100% foil 95% braided 50 Ohms 69%	.032 solid Teflon Black Jacket	4.2 dB 8.6 dB 14.0 dB	1.10 0.03 0.01	0.66 0.57 0.55
Cushcraft/Signals TL92887 1 Year	100% foil 95% braided 50 Ohms 69%	.032 solid Teflon Black Jacket	4.2 dB 8.6 dB 14.0 dB	360.00 20 9.09	224.30 224.30 224.30

MR

89695

LMR cable features soild polyethylene dielectric and foil/braid shield. Loss shown is per 100'.

Manufacturer Mfg. P/N Warranty	Shield % Impedance VOP.	Ctr.Cond Insulation Other Spec	loss 100 MHz loss 400 MHz loss 900 MHz	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Times Microwave LMR-200 5 Years	100% foil 50 Ohms 83%	.044 solid Foam	3.23 6.53 9.89	0.40 0.05 0.02	0.27 0.27 0.26
Times Microwave LMR-200MA 5 Years	100% foil 50 Ohms 83%	.044 solid Closed Cell Foam	3.23 6.53 9.89	0.40 0.03 0.01	0.27 0.27 0.26
Times Microwave LMR-200FR 5 Years	100% foil 50 Ohms 83%	.044 solid Foam CATVR Rated	3.23 6.53 9.89	0.55 0.05 0.02	0.41 0.40 0.38

CINTA- 195 Cable

417311

Manufacturer Mfg. P/N Warranty	Shield % Impedance VOP.	Ctr.Cond Insulation Other Spec	loss 100 MHz loss 400 MHz loss 900 MHz	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
ndrew Corporation CNT-195 1 Year	90 50 Ohm 80%	.037 Solid Foam	7.3 11.1	0.45 0.21 0.1	0.29 0.29 0.29

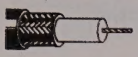
RG59 Cable [403-12]

If you are buying these, you may need:

Shelter Cable Support Systems. . . . . page 530
Antenna Testers, SWR Meters . . . . . page 1419

RG59/U

56040



60511

75 ohm cable with stranded center conductor. Not for 50 ohm use such as cellular or two-way. Losses shown are per 100'.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Shield % Impedance VOP.	Ctr Cond Insulation Other Spec	Loss@ 100 Mhz Loss@ 400 Mhz Loss@ 900 Mhz	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
57722 1 FOOT	Belden 8241 1 Year	95% Cu Braid 75 66%	.023 Polyethylene	3.40 dB 7.00 dB 11.1 dB	0.25 0.04 0.02	0.18 0.16 0.15
18896 500 FOOT	Belden 8241 U500 1 Year	95% Cu Braid 75 66%	.023 Polyethylene	3.40 dB 7.00 dB 11.1 dB	104.10 19.14 8.7	83.28 78.08 72.87
70936 1000 FOOT	Belden 8241 1 Year	95% Cu Braid 75 66%	.023 Polyethylene	3.40 dB 7.00 dB 11.1 dB	205.00 39 17.73	143.50 128.13 120.95
47882 1 FOOT	Belden 8263 1 Year	95% braid 75 Ohms 66%	.023 solid Polyethylene Mil Spec MIL-C-17D	3.4 7.0 dB 11.1 dB	0.40 0.04 0.02	0.32 0.30 0.28
42773 500 FOOT	Belden 8263 1 Year	95% braid 75 Ohms 66%	.023 Solid Polyethylene	3.4 dB 7.0 dB 11.1 dB	187.40 37.6 17.09	149.92 140.55 131.18
56040 1000 FOOT	Belden 8263 1 Year	95% braid 75 Ohms 66%	.023 solid Polyethylene Mil Spec MIL-C-17D	3.4 dB 7.0 dB 11.1 dB	374.80 41.04 18.65	299.84 281.10 262.36
52459 1 FOOT	Belden 9259 1 Year	95% braid 75 Ohms 78 %	.031 stranded Foam Polyethylene	3.0 dB 6.6 dB 10.1 dB	0.30 0.04 0.02	0.21 0.20 0.19
60511 1000 FOOT	Belden 9259 1 Year	95% braid 75 Ohm 78 %	.031 stranded Foam Polyethylene	3.0 dB 6.6 dB 10.1 dB	256.80 36 16.36	205.44 192.60 179.76
33612 1000 FOOT	Coleman Cable 92074 1 Year	95% braid 75 Ohms 78 %	.032 solid bare copper Foam Polyethylene	2.50 dB 5.40 dB 7.60 dB	198.00 40 18.18	118.80 108.90 100.98
48404 1 FOOT	Coleman Cable 991055 1 Year	95% braid 75 Ohms 78 %	.031 stranded bare copper Foam Polyethylene	3.4 dB 6.7 dB 10.2 dB	0.30 0.04 0.02	0.17 0.16 0.15
86797 1000 FOOT	Coleman Cable 991055 1 Year	95% braid 75 Ohms 78 %	.031 stranded bare copper Foam Polyethylene	3.4 dB 6.7 dB 10.2 dB	244.00 36 16.36	146.40 134.20 124.44
74832 1 FOOT	Coleman Cable 991061 1 Year	95% braid 75 Ohms 66%	.023 solid copper clad steel Polyethylene Mil Spec MIL-C-17D	3.5 dB 7.0 dB 11.1 dB	0.35 0.04 0.02	0.20 0.18 0.17
61618 1000 FOOT	Coleman Cable 991061 1 Year	95% braid 75 Ohms 66%	.023 solid copper clad steel Polyethylene Mil Spec MIL-C-17D	3.5 dB 7.0 dB 11.1 dB	323.00 41.1 18.68	193.80 177.65 164.73

75 Ohm Mini Coax

31294

75 Ohm miniature coaxial cable for use in standard analog video applications.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Shield % Impedance VOP.	Ctr Cond Insulation Other Spec	Loss@ 100 Mhz Loss@ 400 Mhz Loss@ 900 Mhz	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
31294 1 FOOT	Belden 8218 1 Year	93% Cu Braid 75 66%	.017 Polyethylene	5.70 dB 12.1 dB 19.0 dB	0.25 0.02 0.01	0.20 0.19 0.18

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Shield % Impedance VOP.	Ctr Cond Insulation Other Spec	Loss@ 100 Mhz Loss@ 400 Mhz Loss@ 900 Mhz	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
43394 1000 FOOT	Belden 8218 1 Year	93% Cu Braid 75 66%	.017 Polyethylene	5.70 dB 12.1 dB 19.0 dB	274.60 17 7.73	219.68 205.95 192.22

Low Loss Cable [403-15]

If you are buying these, you might need:

Shelter Cable Support Systems . . . . . page 530

Belden Low Loss

58538

Low loss coax. Similar to Antenna Specialists "ProFlex" cable. Grey jacket. Losses shown are per 100'.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Shield % Impedance VOP.	Ctr Cond Insulation Other Spec	Loss @100 Mhz Loss @400 Mhz Loss @900 Mhz	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
58538 1 FOOT	Belden YR21867 1 Year	96.6% braid 50 Ohms 66%	.050 Solid Polyethylene Grey Jacket	3.0 dB 6.5 dB 9.5 dB	0.65 0.05 0.02	0.52 0.49 0.46
417116 500 ROLL	Belden YR21867 1 Year	96.6% braid 50 Ohms 66%	.050 Solid Polyethylene Grey Jacket	3.0 dB 6.5 dB 9.5 dB	250.00 20 9.09	200.00 187.50 175.00

RG-8X

48546

Low loss alternative coax to RG58. Uses special RG8X connectors. Losses shown are per 100' length.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Shield % Impedance VOP.	Ctr Cond Insulation Other Spec	Loss @100 Mhz Loss @400 Mhz Loss @900 Mhz	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
48546 1 FOOT	Belden 9258 BL 90 Days	95% braid 50 Ohms 78%	.056 stranded Foam Polyethylene	3.7 dB 8.0 dB 12.8 dB	0.40 0.05 0.02	0.31 0.29 0.27
19563 500 FOOT	Belden 9258 BL 90 Days	95% braid 50 Ohms 78%	.056 stranded Foam Polyethylene	3.7 dB 8.0 dB 12.8 dB	187.80 19.62 8.92	150.24 140.85 131.46
66614 1 FOOT	Coleman Cable 991020-06-08 90 Days	95% braid 50 Ohms 78%	.056 stranded bare copper Foam Polyethylene	3.7 dB 8.0 dB 12.8 dB	0.55 0.05 0.02	0.32 0.29 0.27
91793 1000 FOOT	Coleman Cable 991020-06-08 90 Days	95% braid 50 Ohms 78%	.056 stranded bare coppper Foam Polyethylene	3.7 dB 8.0 dB 12.8 dB	250.00 47 21.36	150.00 137.50 127.50
36196 100 FOOT	Maxrad, Inc M8X-100 2 Years	95% braid 50 Ohms 78%	.050 Solid Foam Polyethylene	3.7 dB 8.0 dB 12.8 dB	46.20 4.65 2.11	24.03 22.41 21.63
94561 1000 FOOT	Maxrad, Inc M8X-1000 2 Years	95% braid 50 Ohms 78%	.050 Solid Foam Polyethylene	3.7 dB 8.0 dB 12.8 dB	462.00 46.5 21.13	240.24 224.07 216.22

Andrew CINTA 200 Cables

438361

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Shield % Impedance VOP.	Ctr Cond Insulation Other Spec	Loss @100 Mhz Loss @400 Mhz Loss @900 Mhz	List ($) Wt. (lbs) Wgt. (kg.)
NEW 438361 1 FOOT	Andrew Corporation CNT-200 5 Year	90 50 Ohms 83%	.044 Polyethylene Foam UV resistant	3.23 6.53 9.80	0.45 0.08 0.04

Andrew CINTA 240 Cables

480399

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Shield % Impedance VOP.	Ctr Cond Insulation Other Spec	Loss @100 Mhz Loss @400 Mhz Loss @900 Mhz	List ($) Wt. (lbs) Wgt. (kg.)
NEW 480399 1 FOOT	Andrew Corporation CNT-240 5 Year	90 50 Ohms 84%	.056 Polyethylene Foam UV resistant	2.80 4.90 7.50	0.55 0.3 0.14

Andrew CINTA 300 Cables

415356

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Shield % Impedance VOP.	Ctr Cond Insulation Other Spec	Loss @100 Mhz Loss @400 Mhz Loss @900 Mhz	List ($) Wt. (lbs) Wgt. (kg.)
NEW 415356 1 FOOT	Andrew Corporation CNT-300 5 Year	90 50 Ohms 85%	.070 Polyethylene Foam UV resistant	1.90 3.80 6.00	0.60 0.55 0.25

RG8 Cable [403-20]

If you are buying these, you may need:

Shelter Cable Support Systems. . . . . page
Antenna Testers, SWR Meters . . . . . page
Tool Kits, Complete. . . . . page
Heat Shrink Tubing. . . . . page
Heat Shrink Guns . . . . . page

Andrew Low Loss Braided Cables

429329

Andrew "CINTA" Braided cables are constructed with t est quality copper, aluminum, and polyethylene materials Andrew braided cables are compatible with industry co tors, tools, and all other needed accessories.

- Great for point to point Applications
- Point to Multipoint
- High Performance and exceptional Quality
- Uses RFI and Times Connectors

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Shield % Impedance VOP.	Ctr Cond Insulation Other Spec	Loss @ 100 MHz Loss @ 400 MHz Loss @ 900 MHz	List ($) Wt. (lbs) Wgt. (kg.)
NEW 429329 1 FOOT	Andrew Corporation CNT-400 5 Year	90 50 Ohms 85%	.108 Polyethylene Foam UV resistant	1.90 2.50 3.90	0.70 0.07 0.03
NEW 434384 1 FOOT	Andrew Corporation CNT-400-DB 5 Year	90 50 Ohms 85%	.108 Polyethylene Jacket UV resistant	1.90 2.50 3.90	0.85 0.07 0.03
NEW 486376 1 FOOT	Andrew Corporation CNT-400-FR 5 Year	90 50 Ohms 85%	.108 Non-Halogenated Jacket UV resistant	1.90 2.50 3.90	1.20 0.68 0.31

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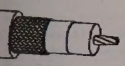
roduct table (2 of 2)

Manufacturer Mfg. P/N Warranty	Shield % Impedance VOP.	Ctr Cond Insulation Other Spec	Loss @ 100 MHz Loss @ 400 MHz Loss @ 900 MHz	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Andrew Corporation CNT-600-DB 5 Year	90 50 Ohms 87%	.176 Polyethylene Jacket UV resistant	0.8 1.6 2.5	1.65 0.13 0.06	1.13 1.13 1.13
Andrew Corporation CNT-600-FR 5 Year	90 50 Ohms 87%	.176 Non-Halogenated Jacket UV resistant	0.8 1.6 2.5	2.20 0.13 0.06	1.52 1.52 1.52

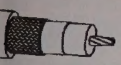
Low Loss



Designed by the Manufacturer to provide loss specifications superior to RG8 and Belden 9913 coaxial cables.

Manufacturer Mfg. P/N Warranty	Shield % Impedance VOP.	Ctr Cond Insulation Other Spec	Loss @ 100 MHz Loss @ 400 MHz Loss @ 900 MHz	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Times Microwave LMR-400 5 Years	100% foil 88% braided 50 Ohms 76%	0.108" Solid Polyethylene foam PE Jacket	1.20 2.50 3.90	0.65 0.07 0.03	0.47 0.46 0.45
Times Microwave LMR-400 5 Years	100% foil 88% braided 50 Ohms 85%	0.108" Solid Polyethylene foam PE Jacket	1.20 2.50 3.90	320.00 45 20.45	233.60 227.20 220.80
Times Microwave LMR-400 5 Years	100% foil 88% braided 50 Ohms 85%	0.108" Solid Polyethylene foam PE Jacket	1.20 2.50 3.90	640.00 83 37.72	467.20 454.40 441.60
Times Microwave LMR-400UF 5 Years	100% foil 88% braid 50 Ohms 84%	0.109" Stranded Polyethylene foam Closed cell. Ultraflex	1.41 2.90 4.70	1.00 0.09 0.04	0.72 0.70 0.68
Times Microwave LMR-400UF 5 Years	100% foil 88% braid 50 Ohms 85%	0.108" Stranded Polyethylene foam TPE Jacket Ultraflex	1.40 3.00 4.70	490.00 40 18.18	357.70 347.90 338.10

0 Flooded Cable



The addition of an water blocking compound eliminates all paths for water migration. Uses LMR400 connectors.

Manufacturer Mfg. P/N Warranty	Shield % Impedance VOP.	Ctr Cond Insulation Other Spec	Loss @ 100 MHz Loss @ 400 MHz Loss @ 900 MHz	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Times Microwave LMR-400DB 10 Years	100% foil 88% braided 50 Ohms 85%	0.108" Solid Polyethylene foam PE Jacket	1.20 2.50 3.90	0.75 0.07 0.03	0.54 0.53 0.52
Times Microwave LMR-400DB 10 Years	100% foil 88% braided 50 Ohms 85%	0.108" Solid Polyethylene foam PE Jacket	1.20 2.50 3.90	370.00 35 15.91	270.10 262.70 255.30
Times Microwave LMR-400DB 10 Years	100% foil 88% braided 50 Ohms 85%	0.108" Solid Polyethylene foam PE Jacket	1.20 2.50 3.90	740.00 80 36.36	540.20 525.40 510.60

0 CATVR

CATVR-rated version of LMR-400 with a fire retardant jacket. Foam polyethelyne dielectric.

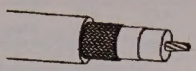
duct table (1 of 2)

Manufacturer Mfg. P/N Warranty	Shield % Impedance VOP.	Ctr Cond Insulation Other Spec	Loss @ 100 MHz Loss @ 400 MHz Loss @ 900 MHz	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Times Microwave LMR-400FR 5 Years	100% foil 88% braided 50 Ohms 85%	0.108" Solid Polyethylene foam FRPE Jacket	1.40 2.70 3.90	1.05 0.08 0.04	0.77 0.75 0.73
Times Microwave LMR-400FR-W 5 Years	100% foil 88% braided 50 Ohms 85%	0.108" Solid White FRPE Jacket	1.40 2.70 3.90	1.05 0.08 0.04	0.77 0.75 0.73

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Shield % Impedance VOP.	Ctr Cond Insulation Other Spec	Loss @ 100 MHz Loss @ 400 MHz Loss @ 900 MHz	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30291 1000 FOOT	Times Microwave LMR-400FR 5 Years	100% foil 88% braided 50 Ohms 85%	0.108" Solid Polyethylene foam FRPE Jacket	1.40 2.70 3.90	1,050.00 80 36.36	766.50 745.50 724.50

LMR-400 Plenum



Plenum rated version of Times LMR-400 cable. Orange or black low smoke PVC jacket. Uses connectors specifically designed for LL-PL plenum rated cable. Do not use connectors for standard LMR400 and 9913 cables.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Shield % Impedance VOP.	Ctr Cond Insulation Other Spec	Loss @ 100 MHz Loss @ 400 MHz Loss @ 900 MHz	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
97134 1 FOOT	Times Microwave LMR-400LL-PL 5 Years	100% foil 90% braid 50 Ohms 76%	0.100" Solid FEP Teflon Orange Jacket	1.35 2.74 4.20	5.00 0.07 0.03	3.47 3.36 3.30
65360 1 FOOT	Times Microwave LMR-400LL-PL-BK 5 Years	100% foil 90% braid 50 Ohms 76%	0.100" Solid FEP Teflon Black Jacket	1.35 2.74 4.20	5.00 0.07 0.03	3.47 3.36 3.30
41640 1000 FOOT	Times Microwave LMR-400LL-PL 5 Years	100% foil 90% braid 50 Ohms 76%	0.100" Solid FEP Teflon Orange Jacket	1.35 2.74 4.20	5,000.00 70 31.82	3,470.00 3,355.00 3,295.00

Commscope WBC Braided Cables

WBC cable features soild polyethylene dielectric and foil/braid shield. Loss shown is per 100'.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Shield % Impedance VOP.	Ctr Cond Insulation Other Spec	Loss @ 100 MHz Loss @ 400 MHz Loss @ 900 MHz	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 447303 1000 FOOT	CommScope, Inc. WBC-400P	90% 50 Ohm 87.0%	Copper 0.109" PVDF (CMP/CATVP) Cutoff Frequency is 16.2 Ghz	1.2 3.2 5.17	2,250.00 0.28 0.13	1,613.25 1,554.75 1,527.75
84204 1 FOOT	CommScope, Inc. WBC-400	90% 50 Ohm 85.0%	.108" Foam Cutoff Frequency is 16.2 Ghz	1.2 dB 2.3 dB 3.9 dB	0.65 0.28 0.13	0.46 0.45 0.44

Belden Low Loss

Belden alternative to RG8 coaxial cable. Larger center conductor allow for lower loss Requires N connectors with .110 ctr. pin.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Shield % Impedance VOP.	Ctr Cond Insulation Other Spec	Loss @ 100 MHz Loss @ 400 MHz Loss @ 900 MHz	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
94604 1 FOOT	Belden 7810A 5 Years	100% Foil 95% CU Braid 50 Ohms 85%	.108 solid Foam Polyethylene	1.20 2.50 3.90	0.60 0.11 0.05	0.48 0.45 0.42
53713 500 FOOT	Belden 7810A 5 Years	100% Foil 95% CU Braid 50 Ohms 85%	.108 solid Foam Polyethylene	1.20 2.50 3.90	350.00 55 25	280.00 262.50 245.00
27285 1000 FOOT	Belden 7810A 5 Years	100% Foil 95% CU Braid 50 Ohms 85%	.108 solid Foam Polyethylene	1.20 2.50 3.90	700.00 110 50	490.00 437.50 413.00

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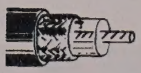
RG-8/U Low Loss

Foam dielectric version of 9913. Foil plus braid shield. Requires 9913 connectors. Losses shown are per 100'.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Shield % Impedance VOP.	Ctr Cond Insulation Other Spec	Loss @ 100 MHz Loss @ 400 MHz Loss @ 900 MHz	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
86215 1 FOOT	Belden 9914 1 Year	100% 50 Ohms 78%	.103 solid Foam Polyethylene	1.6 dB 3.5 dB 5.7 dB	0.70 0.13 0.06	0.56 0.53 0.49
42628 500 FOOT	Belden 9914 1 Year	100% 50 Ohms 78%	.103 solid Foam Polyethylene	1.6 dB 3.5 dB 5.7 dB	350.80 57.1 25.95	280.64 263.10 245.56
13249 1000 FOOT	Belden 9914 1 Year	100% 50 Ohms 78%	.103 solid Foam Polyethylene	1.6 dB 3.5 dB 5.7 dB	701.60 112.2 50.99	491.12 438.50 413.95
96789 1 FOOT	Coleman Cable 993403 1 Year	100% 50 Ohms 78%	.103 solid BC Foam Polyethylene	1.6 dB 3.5 dB 5.7 dB	0.70 0.13 0.06	0.41 0.38 0.35
45182 500 FOOT	Coleman Cable 993403 1 Year	100% 50 Ohms 78%	.103 solid BC Foam Polyethylene	1.6 dB 3.5 dB 5.7 dB	369.35 57.1 25.95	203.14 189.10 184.67

RG-8/U Strand Ctr



Stranded center RG8-type cables..108 center conductor cable require 9913 connectors. All others use RG8 connectors.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Shield % Impedance VOP.	Ctr Cond Insulation Other Spec	Loss @ 100 MHz Loss @ 400 MHz Loss @ 900 MHz	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
61036 1 FOOT	Belden 8214 1 Year	braid 97% 50 Ohms 78	.108 stranded Foam Polyethylene	1.8 dB 4.2 dB 6.7 dB	0.95 0.12 0.05	0.74 0.69 0.65
20167 500 FOOT	Belden 8214 1 Year	braid 97% 50 Ohms 78	.108 stranded Foam Polyethylene	1.8 dB 4.2 dB 6.7 dB	422.30 57.8 26.27	337.84 316.73 295.61
47822 1 FOOT	Belden 8237 1 Year	braid 97% 52 Ohms 66%	.085 stranded Polyethylene VW-1 Flame Test Mil Spec JAN-C-17A	1.9 dB 4.1 dB 7.6 dB	0.75 0.13 0.06	0.58 0.54 0.51
40037 500 FOOT	Belden 8237 1 Year	braid 97% 52 Ohms 66%	.085 stranded Polyethylene VW-1 Flame Test Mil Spec JAN-C-17A	1.9 dB 4.1 dB 7.6 dB	358.20 65 29.54	286.56 268.65 250.74
90236 1000 FOOT	Belden 8237 1 Year	braid 97% 52 Ohms 66%	.085 stranded Polyethylene VW-1 Flame Test Mil Spec JAN-C-17A	1.9 dB 4.1 dB 7.6 dB	711.60 110 50	498.12 444.75 419.85
99429 1 FOOT	Belden 9251 1 Year	braid 97% 52 Ohms 66%	.085 stranded Polyethylene Mil Spec MIL-C-17D	1.9 dB 4.1 dB 7.6 dB	0.90 0.13 0.06	0.72 0.68 0.63
21725 500 FOOT	Belden 9251 1 Year	braid 97% 52 Ohms 66%	.085 stranded Polyethylene Mil Spec MIL-C-17D	1.9 dB 4.1 dB 7.6 dB	449.20 55.6 25.27	359.36 336.90 314.44
67669 1000 FOOT	Belden 9251 1 Year	braid 97% 52 Ohms 66%	.085 stranded Polyethylene Mil Spec MIL-C-17D	1.9 dB 4.1 dB 7.6 dB	891.80 107.5 48.86	713.44 668.85 624.26
53799 1 FOOT	Coleman Cable 991013 1 Year	braid 95% 50 Ohms 78	.086 stranded BC Foam Polyethylene	1.8 dB 4.2 dB 6.7 dB	0.65 0.09 0.04	0.39 0.36 0.34
15406 500 FOOT	Coleman Cable 991013 1 Year	braid 95% 50 Ohms 78	.086 stranded BC Foam Polyethylene	1.8 dB 4.2 dB 6.7 dB	275.00 57.8 26.27	165.00 151.25 140.25

Continuing product table (2 of 2)

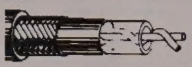
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Shield % Impedance VOP.	Ctr Cond Insulation Other Spec	Loss @ 100 MHz Loss @ 400 MHz Loss @ 900 MHz	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
57147 1 FOOT	Coleman Cable 991011 1 Year	braid 95% 50 Ohms 78	.108 stranded BC Foam Polyethylene	1.8 dB 4.2 dB 6.7 dB	0.70 0.12 0.05	[illegible]
95540 500 FOOT	Coleman Cable 991011 1 Year	braid 95% 50 Ohms 78	.108 stranded BC Foam Polyethylene	1.8 dB 4.2 dB 6.7 dB	295.00 57.8 26.27	[illegible]

RG-8 Foam Plenum

Plenum rated version of Belden 9914 cable. Requires sp plenum connectors. Losses shown are per 100'.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Shield % Impedance VOP.	Ctr Cond Insulation Other Spec	Loss @ 100 MHz Loss @ 400 MHz Loss @ 900 MHz	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
19418 1 FOOT	Belden 7733A 1 Year	Duofoil + 90% copper braid 50 Ohms 84%	.108 solid FEP Teflon	1.5 dB 3.2 dB 5.7 dB	2.50 0.1 0.05	
87173 500 FOOT	Belden 7733A 1 Year	Duofoil + 90% copper braid 50 Ohms 84%	.108 solid FEP Teflon	1.5 dB 3.2 dB 5.7 dB	1,331.00 50.6 23	9 8 7
48780 1000 FOOT	Belden 7733A 1 Year	Duofoil + 90% copper braid 50 Ohms 84%	.108 solid FEP Teflon	1.5 dB 3.2 dB 5.7 dB	2,662.00 101.2 46	1,8 1,4 1,2

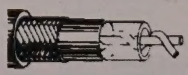
RG-8/U Air Cable



Low loss RG8 with an "air" dielectric. Foil and braid shi Uses 9913 connectors. Losses are per 100'.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Shield % Impedance VOP.	Ctr Cond Insulation Other Spec	Loss @ 100 MHz Loss @ 400 MHz Loss @ 900 MHz	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
73001 1 FOOT	Belden 9913 1 Year	100% 50 Ohms 84%	.108 solid semi-solid Poly	1.3 dB 2.7 dB 4.2 dB	0.75 0.12 0.05	
24460 500 FOOT	Belden 9913 1 Year	100% 50 Ohms 84%	.108 solid Semi-solid Polyethylene	1.3 dB 2.7 dB 4.2 dB	334.10 60 27.27	2 2 1
49145 1000 FOOT	Belden 9913 1 Year	100% 50 Ohms 84%	.108 solid Semi-solid Polyethylene	1.3 dB 2.7 dB 4.2 dB	668.20 120 54.54	4 4 3
58396 1 FOOT	Coleman Cable 991007 1 Year	100% 50 Ohms 84%	.108 solid bare copper Semi-solid Polyethylene	1.4 dB 2.6 dB 4.2 dB	0.75 0.12 0.05	
20003 500 FOOT	Coleman Cable 991007 1 Year	100% 50 Ohms 84%	.108 solid bare copper Semi-solid Polyethylene	1.4 dB 2.6 dB 4.2 dB	422.70 60 27.27	2 2 2

RG-8 Air Plenum



Plenum rated version of Belden 9913 cable. Requires s plenum connectors. Losses shown are per 100'.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Shield % Impedance VOP.	Ctr Cond Insulation Other Spec	Loss @ 100 MHz Loss @ 400 MHz Loss @ 900 MHz	List ($) Wt. (lbs) Wgt. (kg.)
76804 1 FOOT	Belden 89913 1 Year	100% 50 Ohms 84%	.108 solid FEP Teflon	1.6 dB 3.4 dB 6.0 dB	3.50 0.12 0.05
93848 500 FOOT	Belden 89913 1 Year	100% 50 Ohms 84%	.108 solid FEP Teflon	1.6 dB 3.4 dB 6.0 dB	1,730.00 60 27.27

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oduct table (2 of 2)

Manufacturer Mfg. P/N Warranty	Shield % Impedance VOP.	Ctr Cond Insulation Other Spec	Loss @ 100 MHz Loss @ 400 MHz Loss @ 900 MHz	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Belden 89913 1 Year	100% 50 Ohms 84%	.108 solid FEP Teflon	1.6 dB 3.4 dB 6.0 dB	3,460.00 123.2 55.99	2,422.00 2,162.50 2,041.40

nk Base

ULTRALINK base station cable uses 100% foil and 97% braided shield. Uses Belden 9913 connectors. Loss is per 100'.

Manufacturer Mfg. P/N Warranty	Shield % Impedance VOP.	Ctr Cond Insulation Other Spec	Loss @ 100 MHz Loss @ 400 MHz Loss @ 900 MHz	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Cushcraft/Signals TL93605 1 Year	100% foil 95% braided 50 Ohms 89%	.106 solid Closed foam Polyethylene	1.20 dB 2.65 dB 4.10 dB	0.95 0.13 0.06	0.56 0.48 0.46
Cushcraft/Signals TL93605 1 Year	100% foil 95% braided 50 Ohms 89%	.106 solid Closed foam Polyethylene	1.20 dB 2.65 dB 4.10 dB	326.00 65 29.54	234.72 228.20 221.68

Block RG8

Flooded braid cable. Moisture resistant. Requires RG8 connectors. Losses shown are per 100'.

Manufacturer Mfg. P/N Warranty	Shield % Impedance VOP.	Ctr Cond Insulation Other Spec	Loss @ 100 MHz Loss @ 400 MHz Loss @ 900 MHz	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Decibel Products 053001-003 1 Year	98% braid 50 Ohms 78%	.089 stranded Polyethylene	2.1 dB 4.8 dB 7.6 dB	2.65 0.3 0.14	2.12 2.02 1.97

RG6 Cable [403-22]

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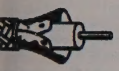


73725

75 ohm RG6. Not for 50 ohm use. 100% sweep tested for 5-750 MHz. 100% shield, foil, 60% braid. Losses per 100'.

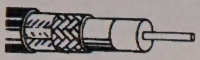
duct table (1 of 2)

Manufacturer Mfg. P/N Warranty	Shield Percentage/ Makeup Impedance VOP.	Ctr Cond Insulation Other Spec	Loss @ 100 MHz Loss @ 400 MHz Loss @ 900 MHz	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Belden 9248 1 Year	100% 75 Ohms 78%	.037 solid Foam Polyethelene	2.1 dB 4.4 dB 6.9 dB	0.30 0.04 0.02	0.23 0.21 0.20
Belden 9248 1 Year	100% 75 Ohms 78%	.037 solid Foam Polyethelene	2.1 dB 4.4 dB 6.9 dB	140.50 18 8.18	112.40 105.38 98.35
Belden 9248 1 Year	100% 75 Ohms 78%	.037 solid Foam Polyethelene	2.1 dB 4.4 dB 6.9 dB	281.00 36 16.36	196.70 175.63 165.79
Coleman Cable 92032 1 Year	100% 75 Ohms 78%	.040 solid BC Foam Polyethelene	2.1 dB 4.4 dB 6.9 dB	112.50 18 8.18	67.50 61.88 57.38

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Shield Percentage/ Makeup Impedance VOP.	Ctr Cond Insulation Other Spec	Loss @ 100 MHz Loss @ 400 MHz Loss @ 900 MHz	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
428149 1000 FOOT	Remee Products 1563N 1 Year	60% Braid, 100% Foil 75 Ohms 84%	.040 solid Cellular Polyethelene Swept to 2.2 GHz.	2.0 dB 4.0 dB 6.5 dB	80.00 28.1 12.77	64.00 61.60 59.20

RG6

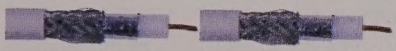


34647

75 Ohm cable featuring "Coreguard" tape for direct burial application. 100% sweep tested 5-750 mhz.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Shield Percentage/ Makeup Impedance VOP.	Ctr Cond Insulation Other Spec	Loss @ 100 MHz Loss @ 400 MHz Loss @ 900 MHz	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
87302 1 FOOT	Belden 9066 1 Year	78% 75 Ohms 78%	.037 solid Cellular HD Polyethelene	2.1 dB 4.4 dB 6.9 dB	0.15 0.03 0.01	0.08 0.07 0.07
34647 1000 FOOT	Belden 9066 1 Year	78% 75 Ohms 78%	.037 solid Cellular HD Polyethelene	2.1 dB 4.4 dB 6.9 dB	110.00 31 14.09	77.00 68.75 64.90

RG6 Plenum



17459 40673

Plenum rated RG6 cable for standard analog video applications.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Shield Percentage/ Makeup Impedance VOP.	Ctr Cond Insulation Other Spec	Loss @ 100 MHz Loss @ 400 MHz Loss @ 900 MHz	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
17459 1 FOOT	Belden 82248 1 Year	63% braid/foil 75 82	.040 Foam FEP	2.10 dB 4.50 dB 6.90 dB	0.90 0.03 0.01	0.70 0.66 0.61
40673 1000 FOOT	Belden 82248 1 Year	63% braid/foil 75 82	.040 Foam FEP	2.10 dB 4.50 dB 6.90 dB	916.00 35 15.91	732.80 687.00 641.20

RG6 Plenum

75 ohm MATV RG6. Not for 50 ohm use. 100% sweep tested for 5-750 MHz. Foil/braid shield. Losses are per 100'. Riser Rated (CATVR)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Shield Percentage/ Makeup Impedance VOP.	Ctr Cond Insulation Other Spec	Loss @ 100 MHz Loss @ 400 MHz Loss @ 900 MHz	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
41792 1 FOOT	Belden 1530AP 1 Year	100% 90% braid 75 Ohms 82%	.040 solid Foam FEP Teflon	2.1 dB - -	0.80 0.03 0.01	0.61 0.57 0.54
47444 1 FOOT	Belden 9116 1 Year	100% 75 Ohms 82%	.040 solid Gas Injected Foam Polyethelene	2.0 dB 4.3 dB 6.8 dB	0.15 0.03 0.01	0.09 0.09 0.08
415005 1000 FOOT	Belden 9116 1 Year	100% 75 Ohms 82%	.040 solid Gas Injected Foam Polyethelene	2.0 dB 4.3 dB 6.8 dB	106.80 37 16.82	85.44 80.10 74.76
68215 1 FOOT	Coleman Cable 92001 1 Year	100% 75 Ohms 78%	.040 solid CCS Foam Polyethelene Type CATV (UL) E118955-I	2.3 dB 4.8 dB 7.0 dB	0.15 0.03 0.01	0.08 0.07 0.07
83575 500 FOOT	Coleman Cable 92001-05-08 1 Year	100% 75 Ohms 78%	.040 solid CCS Foam Polyethelene Type CATV (UL) E118955-I	2.3 dB 4.8 dB 7.0 dB	76.00 15.5 7.04	41.80 38.92 38.00
31968 1000 FOOT	Coleman Cable 92001-06-08 1 Year	100% 75 Ohms 78%	.040 solid CCS Foam Polyethelene	2.3 dB 4.8 dB 7.0 dB	142.50 31 14.09	85.50 78.38 72.68

ights reserved.

RG6 with Messenger

449133

RG6 cable with messenger wire. 60% aluminum braid, 100% foil. Sweep tested to 2.2 GHz. PVC jacket.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Shield Percentage/ Makeup Impedance VOP.	Ctr Cond Insulation Other Spec	Loss @ 100 MHz Loss @ 400 MHz Loss @ 900 MHz	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
430195 1000 FOOT	Belden 1839A 1 Year	60% braid & foil 75 Ohms 83%	.040 solid Foam Polyethyl-ene	6.4 dB	142.00 41 18.63	113.60 106.50 99.40
426199 1000 FOOT	Belden 1840A 1 Year	60% braid & foil 75 Ohms 83%	.040 solid Foam Polyethyl-ene	6.4 dB	256.00 70 31.82	204.80 192.00 179.20
449133 1000 FOOT	Remee Products 1563NMES 1 Year	60% Braid, 100% Foil 75 Ohms 84%	.0403 solid Cellular HD Polyethelene	2.05 dB 4.2 dB 6.7 dB	104.00 30 13.64	83.20 80.08 76.96

RG6 Siamese

432128

Two RG6 cables fused together with for ease of deployment. Includes messanger wire.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Shield Percentage/ Makeup Impedance VOP.	Ctr Cond Insulation Other Spec	Loss @ 100 MHz Loss @ 400 MHz Loss @ 900 MHz	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
432128 1000 FOOT	Remee Products 1563NDUAL/MES 1 Year	60% Braid, 100% Foil 75 Ohms 84%	.0403 solid Cellular HD Polyethelene	2.05 dB 4.2 dB 6.7 dB	220.00 60 27.27	176.00 169.40 162.80

RG-11 Cables [403-23]

If you are buying these, you may need:

Shelter Cable Support Systems . . . . . page 530
Antenna Testers, SWR Meters . . . . . page 1419

RG11 Cable

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Shield Percentage/ Makeup Impedance VOP	Ctr Cond Insulation Other Spec	Loss @ 100 MHz Loss @ 400 MHz Loss @ 900 MHz	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
411106 1000 FOOT	Remee Products 1586 1 Year	60% Braid, 100% foil 75 Ohms 82%	.064 Foam Polyethyl-ene	1.5 dB 3.2 dB 5.2dB	190.00 36 16.36	152.00 146.30 140.60
442120 1000 FOOT	Remee Products 1586MES 1 Year	60% Braid, 100% Foil 75 Ohms 82%	.064 Foam Polyethyl-ene with messenger wire	1.5 dB 3.2 dB 5.2 dB	240.00 80 36.36	192.00 184.80 177.60

LMR-400-75 Cable

Times Microwave's first 75 ohm cable in the LMR series Lower attenuation specs than RG11, this cable is perfec broadband video and specialized 75 ohm applications. F ble, non-kinking design provides easier installation. Use Times "EZ style" non-solder type F connector (sku 47 for easy termination.

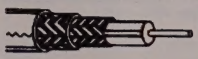
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Shield Percentage/ Makeup Impedance VOP	Ctr Cond Insulation Other Spec	Loss @ 100 MHz Loss @ 400 MHz Loss @ 900 MHz	List ($) Wt. (lbs) Wgt. (kg.)	T
NEW **478339** 1 FOOT	Times Microwave AA-8144 5 Years	Foil Tape & 85% braid 75 Ohms 85%	.065 solid Foam Polyethyl-ene	1.2 dB 2.0 dB 3.7 dB	0.85 0.14 0.06	

RG142, RG174, RG214 Cable [403-25]

If you are buying these, you might need:

Shelter Cable Support Systems. . . . . page 5
Power Meters . . . . . page 14
Antenna Testers, SWR Meters . . . . . page 14

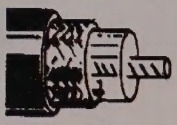
RG-142



NEC CMP rated. Dual silver shields. Brown tinted FEP j Passes VW1 Vertical Wire Test. Losses per 100'.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Shield % Impedance VOP.	Ctr Cond Insulation Other Spec	Loss @ 100 MHz Loss @ 400 MHz Loss @ 900 MHz	List ($) Wt. (lbs) Wgt. (kg.)	T
86717 1 FOOT	Thermax/Sonic RGS142 1 Year	98% 50 Ohms 70.9%	.037 solid Extruded PTFE Double shield Mil Spec MIL-C-17G	5.5 dB 11.7 dB	2.00 0.04 0.02	
59787 1 FOOT	Belden 83242 1 Year	98% 50 Ohms 69.5%	.037 solid Clear Teflon Double shield Mil Spec MIL-C-17G	3.9 dB 8.2 dB 12.5 dB	2.10 0.06 0.03	

RG-174/U Mini-RG



Smallest RG cable available. Losses shown are per 100'

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Shield % Impedance VOP.	Ctr Cond Insulation Other Spec	Loss @ 100 MHz Loss @ 400 MHz Loss @ 900 MHz	List ($) Wt. (lbs) Wgt. (kg.)	T
98180 1 FOOT	Belden 8216 1 Year	88% braid 50 Ohms 66%	.019 stranded Polyethylene Black PVC Outer Mil Spec MIL-C-17F	8.9 dB 17.5 dB 28.2 dB	0.25 0.01 0	
35190 1 FOOT	Coleman Cable 991069 1 Year	87% braid 50 Ohms 66%	.019 stranded CCS Polyethylene Black PVC Outer Mil Spec MIL-C-17F	8.9 dB 17.5 dB 28.2 dB	0.25 0.01 0	
16346 1 FOOT	Times Microwave LMR-100A-PVC 5 Years	100% 90% CU Braid 50 Ohms 66%	.018 solid Polyethylene	7.30 14.7 22.8	0.30 0.02 0.01	

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LMR-195 Low Loss

LMR cable has lower loss than RG142. Uses RG142 connectors. Bonded aluminum foil plus 90% copper braid.

Manufacturer Mfg. P/N Warranty	Shield % Impedance VOP.	Ctr Cond Insulation Other Spec	Loss @ 100 MHz Loss @ 400 MHz Loss @ 900 MHz	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Times Microwave LMR-195 5 Years	100% foil 90% braided 50 Ohms 80%	0.037" Solid Polyethylene, Gas injected UV resistant	3.49 7.05 10.7	0.40 0.03 0.01	0.27 0.27 0.26
Times Microwave LMR-195-DB 5 Years	100% foil 90% braided 50 Ohms 80%	0.037" Solid Polyethylene, Gas injected UV resistant water-tight flooded braid	3.49 7.05 10.7	0.45 0.03 0.01	0.32 0.31 0.30
Times Microwave LMR-195-PVC 5 Years	100% foil 90% braided 50 Ohms 80%	0.037" Solid Polyethylene Gas injected	3.49 7.05 10.7	0.40 0.03 0.01	0.27 0.27 0.26

LMR-195 Fire Retardant

LMR cable has lower loss than RG142. Uses RG142 connectors. Bonded aluminum foil plus 90% copper braid.

Manufacturer Mfg. P/N Warranty	Shield % Impedance VOP.	Ctr Cond Insulation Other Spec	Loss @ 100 MHz Loss @ 400 MHz Loss @ 900 MHz	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Times Microwave LMR-195-FR-W 5 Years	100% foil 90% braided 50 Ohms 80%	0.037" Solid Polyethylene Gas injected	3.49 7.05 10.7	0.55 0.03 0.01	0.41 0.40 0.38
Times Microwave LMR-195-LLPL 5 Years	100% foil 90% braided 50 Ohms 80%	0.037" Solid Polyethylene Gas injected Plenum rated	3.49 7.05 10.7	1.90 0.03 0.01	1.39 1.35 1.32

RF195

Belden alternative to RG142 coaxial cable. Better loss specs, but not for high temp. use. Use RG142 connectors.

Manufacturer Mfg. P/N Warranty	Shield % Impedance VOP.	Ctr Cond Insulation Other Spec	Loss @ 100 MHz Loss @ 400 MHz Loss @ 900 MHz	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Belden 7805 5 Years	100% Foil 94% CU Braid 50 Ohms 66%	.018 solid Polyethylene	7.30 14.7 22.8	152.20 5 2.27	121.76 114.15 106.54
Belden 7805 5 Years	100% Foil 94% CU Braid 50 Ohms 66%	.018 solid Polyethylene	7.30 14.7 22.8	304.40 10 4.54	213.08 190.25 179.60
Belden 7805A 5 Years	100% Foil 94% CU Braid 50 Ohms 66%	.018 solid Polyethylene	7.30 14.7 22.8	0.30 0.01 0	0.24 0.23 0.21
Belden 7806A 5 Years	100% Foil 95% Braid 50 Ohms 78%	.037 solid Foam Polyethylene	3.49 7.05 10.70	0.40 0.01 0	0.29 0.27 0.26
Belden 7806A 5 Years	100% Foil 95% Braid 50 Ohms 78%	.037 solid Foam Polyethylene	3.49 7.05 10.70	188.30 8 3.64	150.64 141.23 131.81
Belden 7806A 5 Years	100% Foil 95% Braid 50 Ohms 78%	.037 solid Foam Polyethylene	3.49 7.05 10.70	376.60 16 7.27	263.62 235.38 222.20

Belden RF200

Belden alternative to RG142 coaxial cable. Better loss specs, but not for high temp. use. Use RG142 connectors.

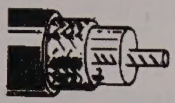
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Shield % Impedance VOP.	Ctr Cond Insulation Other Spec	Loss @ 100 MHz Loss @ 400 MHz Loss @ 900 MHz	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
74421 1 FOOT	Belden 7807A 1 Year	100% Foil 93% Braid 50 Ohms 83%	.044 solid Foam Polyethylene	3.24 6.55 9.92	0.45 0.03 0.01	0.35 0.33 0.31
22814 500 FOOT	Belden 7807A 1 Year	100% Foil 93% Braid 50 Ohms 83%	.044 solid Foam Polyethylene	3.24 6.55 9.92	188.30 14 6.36	150.64 141.23 131.81
61207 1000 FOOT	Belden 7807A 1 Year	100% Foil 93% Braid 50 Ohms 83%	.044 solid Foam Polyethylene	3.24 6.55 9.92	376.60 28 12.73	301.28 282.45 263.62

WBC-200

WBC cables features solid polyethylene dielectric and foil/braid shield. Loss shown is per 100'

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Shield % Impedance VOP.	Ctr Cond Insulation Other Spec	Loss @ 100 MHz Loss @ 400 MHz Loss @ 900 MHz	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
84202 1 FOOT	CommScope, Inc. WBC-200	90% 50 Ohm 83.0%	0.044"	3.80 dB 6.85 dB 9.90 dB	0.40 0.28 0.13	0.27 0.26 0.26

RG-213/U



Single bare copper braided cable.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Shield % Impedance VOP.	Ctr Cond Insulation Other Spec	Loss @ 100 MHz Loss @ 400 MHz Loss @ 900 MHz	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
33359 1 FOOT	Belden 8267 1 Year	97% braid 50 Ohms 66%	.089 stranded Polyethylene Mil Spec MIL-C-17G	1.9 dB 4.1 dB 7.6 dB	0.95 0.13 0.06	0.73 0.69 0.64
40474 500 FOOT	Belden 8267 1 Year	97% braid 50 Ohms 66%	.089 stranded Polyethylene Mil Spec MIL-C-17G	1.9 dB 4.1 dB 7.6 dB	470.10 57.4 26.09	329.07 293.82 277.36
65580 1000 FOOT	Belden 8267 1 Year	97% braid 50 Ohms 66%	.089 stranded Polyethylene Mil Spec MIL-C-17G	1.9 dB 4.1 dB 7.6 dB	935.60 111.1 50.49	654.92 584.75 552.01
73583 1 FOOT	Coleman Cable 991071 1 Year	96% braid 50 Ohms 66%	.089 stranded BC Polyethylene Mil Spec MIL-C-17G	2.0 dB 4.7 dB 8.0 dB	0.80 0.13 0.06	0.48 0.44 0.41
21976 1000 FOOT	Coleman Cable 991071 1 Year	96% braid 50 Ohms 66%	.089 stranded BC Polyethylene Mil Spec MIL-C-17G	2.0 dB 4.7 dB 8.0 dB	762.50 112 50.9	419.38 390.40 381.25
89005 1 FOOT	Weico Wire & Cable, Inc. W213 1 Year	97% braid 50 Ohms 66%	.089 stranded Polyethylene	1.9 dB 4.1 dB 7.6 dB	0.85 0.13 0.06	0.68 0.64 0.60
42413 1000 FOOT	Weico Wire & Cable, Inc. W213 1 Year	97% braid 50 Ohms 66%	.089 stranded Polyethylene	1.9 dB 4.1 dB 7.6 dB	850.00 130 59.08	680.00 637.50 595.00

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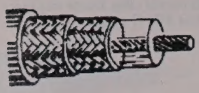
RG-214/U



Dual shield. Two silver braids for low loss with 96% to 98% shield coverage.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Shield % Impedance VOP.	Ctr Cond Insulation Other Spec	Loss @ 100 MHz Loss @ 400 MHz Loss @ 900 MHz	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
20145 1 FOOT	Belden 8268 1 Year	98% silver coated 50 Ohms 66%	.089 stranded Polyethylene Mil Spec MIL-C-17G	1.9 dB 4.1 dB 7.6 dB	4.90 0.11 0.05	3.92 3.68 3.43
60369 1 FOOT	Coleman Cable 991075 1 Year	96% silver coated 50 Ohms 66%	.089 stranded SCC Polyethylene Mil Spec MIL-C-17G	2.0 dB 4.7 dB 8.0 dB	3.00 0.11 0.05	1.80 1.65 1.53
NEW **47155** 500 FOOT	Coleman Cable 991075 1 Year	96% silver coated 50 Ohms 66%	.089 stranded SCC Polyethylene Mil Spec MIL-C-17G	2.0 dB 4.7 dB 8.0 dB	995.00 75 34.09	597.00 547.25 507.45
NEW **90947** 1000 FOOT	Coleman Cable 991075 1 Year	96% silver coated 50 Ohms 66%	.089 stranded SCC Polyethylene Mil Spec MIL-C-17G	2.0 dB 4.7 dB 8.0 dB	1,945.00 150 68.18	1,167.00 1,069.75 994.45
76426 1 FOOT	Weico Wire & Cable, Inc. W214 1 Year	98% silver coated 50 Ohms 66%	.089 stranded Polyethylene	1.9 dB 4.1 dB 7.6 dB	3.90 0.11 0.05	3.12 2.93 2.73

RG214 w/o Silver

RG214 type cable. Same specs as RG214 except it has a tinned copper braid rather than silver. Losses per 100'.

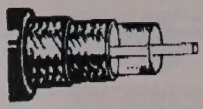
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Shield % Impedance VOP.	Ctr Cond Insulation Other Spec	Loss @ 100 MHz Loss @ 400 MHz Loss @ 900 MHz	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
71752 1 FOOT	Belden YR21852 1 Year	97% tinned copper 50 Ohms 66%	.089 stranded Polyethylene	2.1 dB 4.8 dB 7.6 dB	1.60 0.15 0.07	1.28 1.20 1.12
13016 500 FOOT	Belden YR21852 1 Year	97% tinned copper 50 Ohms 66%	.089 stranded Polyethylene	2.1 dB 4.8 dB 7.6 dB	746.80 75 34.09	597.43 560.09 522.75

RG-223/U

M17/167-00001 RG-223/U coaxial cable. Dual shield, silver plated inner and outer conductors. Non-contam. PVC jacket.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Shield % Impedance VOP.	Ctr Cond Insulation Other Spec	Loss @ 100 MHz Loss @ 400 MHz Loss @ 900 MHz	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30758 1 FOOT	Belden 9273 1 Year	95% 50 66%	.034 stranded Polyethylene Double shield MIL-C-17G	4.1 dB 8.8 dB 13.8 dB	1.90 0.04 0.02	1.49 1.40 1.31

RG-393/U



Dual silver shields, mil spec, high power (1.8 kW @ 960 MHz). Uses 9913 or LMR400 conns. Losses are per 100'

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Shield % Impedance VOP.	Ctr Cond Insulation Other Spec	Loss @ 100 MHz Loss @ 400 MHz Loss @ 900 MHz	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
57757 1 FOOT	Times Microwave M17/127-RG393 1 Year	98% silver coated 50 Ohms 66%	0.0936" Teflon High temp. jacket For high power apps.	2.2 dB 4.8 dB 7.0 dB	5.45 0.2 0.09	4 4 3

RG-400/U

M17/128 RG400 Mil-Spec coaxial cable. Dual shield, silve plated inner and outer conductors. Teflon dielectric.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Shield % Impedance VOP.	Ctr Cond Insulation Other Spec	Loss @ 100 MHz Loss @ 400 MHz Loss @ 900 MHz	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
67906 1 FOOT	Thermax/Sonic RGS400 1 Year	98% 50 Ohms 79.5%	.038 stranded Clear Teflon Double shield Mil Spec MIL-C-17G	4.5 dB 10.5 dB	2.40 0.09 0.04	1 1 1

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1/4" Superflexible Connectors [420-36]

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e System Analyzers . . . . . page 1408

S Connectors for SCF14-50

Radio Frequency Systems connectors for CELLFLEX cables can be easily attached in the field or installed by TESSCO'S expert technicians. Weatherproof connectors have been designed for easy assembly using only common hand tools.

Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
RFS Cablewave 734769 5 Years	N-Male Hexhead	Captivated	Silver Gold	45.00 0.18 0.08	31.50 29.25 27.00
RFS Cablewave 734779 5 Years	N Male	For >2 GHz	Brass Silver	45.00 0.18 0.08	31.50 29.25 27.00
RFS Cablewave 734874 5 Years	N Male	Right angle Captivated	Silver Gold	59.00 0.18 0.08	41.30 38.35 35.40
RFS Cablewave 734817-B 5 Years	N Female	Bulkhead	Silver Gold	38.80 1 0.45	27.16 25.22 23.28
RFS Cablewave 734780 5 Years	N Female	For >2 GHz Solder	Brass Silver	30.90 1 0.45	21.63 20.09 18.54
RFS Cablewave 734771 5 Years	SMA Male	Solder	Brass Gold	70.00 0.18 0.08	49.00 45.50 42.00
RFS Cablewave 734772 5 Years	SMA Female	Solder	Brass Silver	70.00 0.18 0.08	49.00 45.50 42.00
RFS Cablewave 734778 5 Years	BNC Male	Solder	Nickle Gold	43.10 0.18 0.08	30.17 28.02 25.86
RFS Cablewave 734924 5 Years	UHF Male	Captivated	Silver Silver	58.30 0.18 0.08	40.81 37.90 34.98
RFS Cablewave 734793 5 Years	TNC Male	Solder	Nickle Gold	24.20 0.18 0.08	16.94 15.73 14.52

1/4" Andrew Connectors for FSJ1-50A

ANDREW connectors are the only connectors completely compatible with HELIAX cable. Excellent electrical contact results in outstanding RF shielding. High resistance to pull-off and twist-off provides long term mechanical integrity. Also offers a wide selection of interface types simplifies system planning.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
480194 1 EACH	Andrew Corporation F1PNM-HF 10 Years	N-Male	Solder	Silver Plated Gold Plated	46.40 0.2 0.09	35.73 33.18 30.63
490150 1 EACH	Andrew Corporation F1PNMV2-H 10 Years	N-Male Hexhead	Solder	Silver Plated Gold Plated	25.80 0.18 0.08	19.87 18.45 17.03
417130 1 EACH	Andrew Corporation F1PNR-HC 10 Years	N-Male Right Angle	Captivated	Silver Plated Gold Plated	36.10 0.25 0.11	27.80 25.82 23.83
483185 1 EACH	Andrew Corporation F1PNF 10 Years	N Female	Solder	Silver Plated Gold Plated	30.90 0.18 0.08	23.80 22.10 20.40
485149 1 EACH	Andrew Corporation F1PNF-BH 10 Years	N Female Bulkhead	Solder	Silver Plated Gold Plated	40.20 0.2 0.09	30.96 28.75 26.54
NEW 463184 1 EACH	Andrew Corporation F1MU 10 Years	Mini-UHF Male	Captivated	Nickle Plated Silver Plated	23.10 0.14 0.06	17.79 16.52 15.25
NEW 426122 1 EACH	Andrew Corporation 41SP 10 Years	UHF Male	Solder	Nickel Plated Nickel Plated	11.20 0.15 0.07	8.63 8.01 7.40
461194 1 EACH	Andrew Corporation F1PBM 10 Years	BNC Male	Solder	Silver Plated Silver Plated	12.90 0.15 0.07	9.94 9.23 8.52
489105 1 EACH	Andrew Corporation F1PTM 10 Years	TNC Male	Solder	Silver Plated Gold Plated	24.20 0.18 0.08	18.64 17.31 15.98
498153 1 EACH	Andrew Corporation F1PTM-HF 10 Years	TNC Male (HIGH FREQUENCY)	Captivated	Silver Plated Gold Plated	35.00 0.18 0.08	26.95 25.03 23.10
434176 1 EACH	Andrew Corporation F1PSM 10 Years	SMA Male	Solder	Passivated Gold Plated	45.50 0.18 0.08	35.04 32.54 30.03

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
463135 1 EACH	Andrew Corporation F1PSR 10 Years	SMA Male Right Angle	Solder	Passivated Gold Plated	56.70 0.1 0.05	43.66 40.55 37.43

1/4" Andrew Connectors for FSJ1-75

430141

CATV Type F for 1/4" 75 Ohm Superflex Cable

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 430141 1 EACH	Andrew Corporation F1FM-75 10 Years	CATV F	Crimp	Brass Brass	23.10 0.18 0.08	17.79 16.52 15.25

Times Connectors for LMR-240 & LMR-300

24548

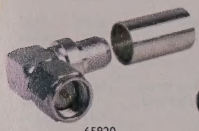
44277

59658

71490

71501

82670



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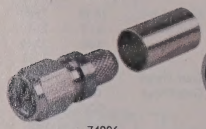

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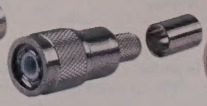

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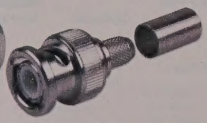
62941



71499

Times connectors for LMR cables can be easily attached in the field or installed by TESSCO'S expert technicians. These connectors have been designed for easy assembly using only common hand tools.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
24548 1 EACH	Times Microwave TC-240-NMC 5 Years	N Male	Solder	Silver Gold	9.00 0.08 0.04	6.57 6.30 6.21
44277 1 EACH	Times Microwave TC-300-NM-RA 5 Years	N-Male Right Angle	Solder	Nickle Silver	10.00 0.14 0.06	7.30 7.00 6.90
59658 1 EACH	Times Microwave TC-240-NMH 5 Years	N Male	Hex head Solder	Nickle Silver	8.00 0.18 0.08	5.84 5.60 5.52
71490 1 EACH	Times Microwave TC-240-NF-BH(A) 5 Years	N Female Bulk-head	Shrink boot included	Alballoy Gold	11.75 0.08 0.04	8.58 8.23 8.11

Continuing product table (2 of 2)

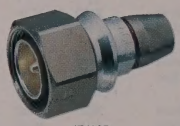
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
71501 1 EACH	Times Microwave TC-240-NMH-RA (A) 5 Years	N-Male Right Angle	Shrink boot included Solder	Alballoy Gold	14.00 0.08 0.04	1 9 9
82670 1 EACH	Times Microwave TC-300-NM 5 Years	N Male	Solder	Nickle Silver	9.00 0.14 0.06	6 6 6
NEW 43066 1 EACH	Times Microwave TC-240-SM-RP 5 Years	Reverse Polarity SMA Male	Solder	Stainless Steel Gold	13.00 0.03 0.01	9 9 8
62052 1 EACH	Times Microwave TC-240-SF-BH 5 Years	SMA Female Bulk-head	Solder	Silver Gold	16.50 0.18 0.08	1 1 1
65920 1 EACH	Times Microwave TC-240-SM-RA 5 Years	SMA Male Right Angle	92609,52589 for crimp tool. Solder	Silver Gold	12.50 0.18 0.08	9 8 8
71511 1 EACH	Times Microwave TC-300-SF-BH 5 Years	SMA Female Bulk-head	Shrink boot included Solder	Stainless Steel Gold	15.50 0.18 0.08	1 1 1
74795 1 EACH	Times Microwave TC-300-SM 5 Years	SMA Male, hex nut	Solder	Stainless Steel Gold	13.50 0.18 0.08	9 9 9
74906 1 EACH	Times Microwave TC-240-SM 5 Years	SMA Male	Solder	Stainless Steel Gold	7.00 0.18 0.08	5 4 4
NEW 31254 1 EACH	Times Microwave TC-240-TM-RA 5 Years	Right Angle TNC Male	Solder	Nickle Gold	20.00 0.18 0.08	1 1 1
34201 1 EACH	Times Microwave TC-300-TM-O 5 Years	TNC Male	Solder	Stainless Steel Gold	12.50 0.01 0	9 8 8
62842 1 EACH	Times Microwave TC-240-TM 5 Years	TNC Male	92609 for crimp tool. Solder	Nickle Silver	10.50 0.05 0.02	7 7 7
NEW 87775 1 EACH	Times Microwave EZ-240-TM-RP 5 Years	Reverse Polarity TNC Male	Captivated	Silver Gold	16.00 0.18 0.08	1 1 1
62941 1 EACH	Times Microwave TC-240-BMC 5 Years	BNC Male	Solder	Silver Gold	10.00 0.18 0.08	7 7 6
71499 1 EACH	Times Microwave TC-240-BM(A) 5 Years	BNC Male	Shrink boot included Solder	Alballoy Gold	7.00 0.08 0.04	5 4 4

3/8" Superflexible Connectors [420-37]

If you are buying these, you may need:

Cable System Analyzers. . . . . page 14

3/8" Andrew Connectors for FSJ2-50



474195

445123

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451105

484126

ANDREW connectors a only connectors complet compatible with HELIAX Excellent electrical conta results in outstanding RF shielding. High resistance pull-off and twist-off pro long term mechanical int Also offers a wide select interface types simplifies tem planning.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)
NEW 441141 1 EACH	Andrew Corporation F2PDF-PM 10 Years	7/16 DIN Female Panel Mount	Panel Mount Solder	Silver Plated Silver Plated	44.30 0.3 0.14
474195 1 EACH	Andrew Corporation F2PDM-C 10 Years	7/16 DIN Male	Captivated	Silver Plated Captivated Silver Pin	29.90 0.3 0.14

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roduct table (2 of 2)

Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Andrew Corporation F2PDR-C 10 Years	7/16 Din Male Right Angle	Captivated	Silver Plated Captivated Silver Pin	44.30 0.3 0.14	34.12 31.68 29.24
Andrew Corporation F2PNF-C 10 Years	N Female	Captivated	Silver Plated Captivated Gold Pin	31.90 0.3 0.14	24.57 22.81 21.06
Andrew Corporation F2PNM-H 10 Years	N-Male Hexhead	Solder	Silver Plated Solder Gold Pin	31.90 0.3 0.14	24.57 22.81 21.06
Andrew Corporation F2PNM-HC 10 Years	N-Male Hexhead	Captivated	Silver Plated Solder Gold Pin	31.90 0.3 0.14	24.57 22.81 21.06

drew Connectors for EFX2-50

ANDREW connectors are the only connectors completely compatible with HELIAX cable. Excellent electrical contact results in outstanding RF shielding. High resistance to pull-off and twist-off provides long term mechanical integrity. Also offers a wide selection of interface types simplifies system planning.

Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Andrew Corporation E2PNM-HC 10 Years	N-Male Hexhead	Captivated	Silver Plated Gold Plated	31.50 0.3 0.14	24.26 22.53 20.79
Andrew Corporation E2PNR-HC 10 Years	N Male Right Angle	Captivated	Silver Plated Gold Plated	44.10 0.3 0.14	33.96 31.54 29.11
Andrew Corporation E2PNF-C 10 Years	N Female	Captivated	Silver Plated Gold Plated	31.50 0.3 0.14	24.26 22.53 20.79
Andrew Corporation E2PDM-C 10 Years	7/16 DIN Male	Captivated	Silver Plated Silver Plated	31.50 0.3 0.14	24.26 22.53 20.79
Andrew Corporation E2PDR-C 10 Years	7/16 Din Male Right Angle	Captivated	Silver Plated Silver Plated	44.10 0.3 0.14	33.96 31.54 29.11
Andrew Corporation E2PDF-C 10 Years	7/16 DIN Female	Captivated	Silver Plated Gold Plated	31.50 0.3 0.14	24.26 22.53 20.79
Andrew Corporation E2PTF 10 Years	TNC-Female	Solder	Nickel Plated Gold Plated	31.50 0.3 0.14	24.26 22.53 20.79
Andrew Corporation E2PTM 10 Years	TNC-Male	Solder	Silver Plated Gold Plated	31.50 0.3 0.14	24.26 22.53 20.79
Andrew Corporation E2UM 10 Years	UHF-Male	Solder	Brass Plated Gold Plated	83.30 0.3 0.14	64.15 59.56 54.98
Andrew Corporation E2UF 10 Years	UHF-Female	Solder	Brass Plated Silver Plated	83.30 0.3 0.14	64.15 59.56 54.98
Andrew Corporation E2SM 10 Years	SMA-Male	Solder	Brass Plated Gold Plated	82.30 0.3 0.14	63.38 58.85 54.32

1/2" Superflexible Connectors [420-38]

1/2" RFS Connectors for SCF12-50

Radio Frequency Systems connectors for CELLFLEX cables can be easily attached in the field or installed by TESSCO's expert technicians. They are designed to provide resistance to pull-off and twist-off, as well as provide excellent electrical contact. Connectors are weatherproof. No soldering or flaring is required for installation, unless noted.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
28452 1 EACH	RFS Cablewave 734904 5 Years	N Male	Captivated	Brass Silver	36.50 0.31 0.14	25.55 23.73 21.90
75569 1 EACH	RFS Cablewave 734864 5 Years	N Male	Hex head Captivated	Silver Gold	41.90 0.3 0.14	29.33 27.24 25.14
24349 1 EACH	RFS Cablewave 734807 5 Years	N Male	Solder	Silver Gold	45.00 0.31 0.14	31.50 29.25 27.00
46505 1 EACH	RFS Cablewave 734897 5 Years	N Male Right Angle	Right angle. Hex head. Captivated	Silver Gold	66.80 0.5 0.23	46.76 43.42 40.08
81125 1 EACH	RFS Cablewave 734710 5 Years	N Female	Captivated	Brass Silver	36.50 0.31 0.14	25.55 23.73 21.90
14541 1 EACH	RFS Cablewave 734932 5 Years	N Female	Captivated	Silver Gold	41.90 0.1 0.05	29.33 27.24 25.14
51258 1 EACH	RFS Cablewave 734745 5 Years	UHF Male	Solder	Brass Silver	41.80 0.28 0.13	29.26 27.17 25.08
93733 1 EACH	RFS Cablewave 734923 5 Years	UHF Female	Captivated	Silver Silver	58.00 0.31 0.14	40.60 37.70 34.80
84898 1 EACH	RFS Cablewave 734832 5 Years	7/16 DIN Male	Captivated	Silver Silver	41.90 0.45 0.2	29.33 27.24 25.14
62355 1 EACH	RFS Cablewave 734931 5 Years	7/16 DIN Male	Right angle Captivated	Silver Silver	59.40 1 0.45	41.58 38.61 35.64
33291 1 EACH	RFS Cablewave 734833 5 Years	7/16 DIN Female	Captivated	Silver Silver	41.90 3.9 1.77	29.33 27.24 25.14
72690 1 EACH	RFS Cablewave 734898 5 Years	7/8" EIA Flange	Captivated	Silver Silver	130.70 0.86 0.39	91.49 84.96 78.42

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Are you certified to sweep RF lines?

Line Sweeping and Spectrum Analysis . . . . . .page 1400

1/2" Andrew Connectors for FSJ4-50B

ANDREW connectors are the only connectors completely compatible with HELIAX cable. Excellent electrical contact results in outstanding RF shielding. High resistance to pull-off and twist-off provides long term mechanical integrity. Also offers a wide selection of interface types simplifies system planning.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
441175 1 EACH	Andrew Corporation F4PNMV2-HC 10 Years	N-Male Captivated	Captivated	Silver Gold	41.90 0.28 0.13	32.27 29.96 27.66
469180 1 EACH	Andrew Corporation F4PNMV2-H 10 Years	N Male Hex Head	Solder	Brass Silver	41.90 0.28 0.13	32.27 29.96 27.66
NEW 415171 1 EACH	Andrew Corporation F4PNMV2-C 10 Years	N Male	Captivated	Silver Gold	41.90 0.53 0.24	32.27 29.96 27.66
496107 1 EACH	Andrew Corporation F4PNR-HC 10 Years	N Male Right Angle	Captivated	Silver Gold	66.80 0.45 0.2	51.44 47.77 44.09
434106 1 EACH	Andrew Corporation F4PNF-C 10 Years	N Female Captivated	Captivated	Silver Gold	41.90 0.53 0.24	32.27 29.96 27.66
NEW 83950 1 EACH	Andrew Corporation F4NF one year	N type Female	(older more traditional style connector -- no longer in Andrew Catalog 38) Solder	Brass Silver Plated	40.20 0.36 0.16	30.96 28.75 26.54
443102 1 EACH	Andrew Corporation F4PNF-BH 10 Years	N Female Bulkhead	Solder	Silver Gold	59.60 0.53 0.24	45.90 42.62 39.34
452194 1 EACH	Andrew Corporation F4PDMV2-C 10 Years	Din Male Captivated	Captivated	Silver Silver	41.90 0.4 0.18	32.27 29.96 27.66
490134 1 EACH	Andrew Corporation F4PDMV2 10 Years	DIN Male	Solder	Silver Gold	41.90 0.53 0.24	32.27 29.96 27.66

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)
454102 1 EACH	Andrew Corporation F4PDR-C 10 Years	Din/Male Right Angle	Captivated	Silver Silver	59.40 0.53 0.24
472102 1 EACH	Andrew Corporation F4PDF-C 10 Years	DIN Female Captivated	Captivated	Silver Silver	41.90 0.22 0.1
NEW 444192 1 EACH	Andrew Corporation F4PDF-PM 10 Years	DIN Female Panel Mount	Panel Mount Solder	Silver Silver	66.30 0.53 0.24
NEW 477147 1 EACH	Andrew Corporation 44ASP 10 Years	UHF Male	Solder	Brass Silver	41.80 0.53 0.24
NEW 421110 1 EACH	Andrew Corporation 44ASU 10 Years	UHF Female	Solder	Brass Silver	41.80 0.53 0.24

1/2" Eupen Connectors for EC4-50-HF

Premium connectors for 1/2" superflexible cables. The o piece design eliminates lost parts, and allows for ease of i tion. The connector simply screws onto a stripped cable, viding a clean and solderless installation. Both the inner a outer contacts are silver plated to protect from intermo tion and corrosion. High water tightness and retention.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)
61382 1 EACH	Eupen Cable USA NM50B-1/2X 2 Years	N Male	Hex nut Captivated	Silver Silver	45.00 0.44 0.2
99775 1 EACH	Eupen Cable USA NF50B-1/2X 2 Years	N Female	Captivated	Silver Silver	45.00 1 0.45
48168 1 EACH	Eupen Cable USA 7/16M50B-1/2X 2 Years	7/16 DIN Male	Captivated	Silver Silver	50.00 0.28 0.13
86561 1 EACH	Eupen Cable USA 7/16F50B-1/2X 2 Years	7/16 DIN Female	Captivated	Silver Silver	50.00 1 0.45

1/2" Huber/Suhner Conn for FSJ4-50B

Huber & Suhner Quick-Fit connectors offer a greatly simplified and economic approach cable preparation and assembly. They meet the requirements of multicarrier, high-channe count transceivers. These two-piece connectors enable a four-minute install. The bodies ture the unique Sucoplate (tri-metallic) plating, and the pins are silver plated.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)
61310 1 EACH	Huber + Suhner 11 N-50-9-9 1 Year	N Male	Captivated	Sucoplate Silver	25.15 0.33 0.15
53853 1 EACH	Huber + Suhner 21 N-50-9-9/003-E 1 Year	N Female	Captivated	Sucoplate Silver	27.00 0.33 0.15
92246 1 EACH	Huber + Suhner 11 716-50-9-9 1 Year	7/16 DIN Male	Captivated	Sucoplate Silver	26.05 0.33 0.15

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roduct table (2 of 2)

Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Huber + Suhner 2171650-9-9/003-E 1 Year	7/16 DIN Female	Captivated	Sucoplate Silver	25.50 0.33 0.15	19.89 19.13 17.85

drew Connectors for FSJ4-75A

47191 472171

Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Andrew Corporation F4NM-7550 10 Years	N Male	Solder	Brass Brass	51.70 0.53 0.24	39.81 36.97 34.13
Andrew Corporation F4NM-7570 10 Years	N Male	Solder	Brass Brass	51.70 0.53 0.24	39.81 36.97 34.13
Andrew Corporation F4NF-7570 10 Years	N Female	Solder	Brass Silver	51.70 0.53 0.24	39.81 36.97 34.13
Andrew Corporation 44ASCM 10 Years	CATV F	Solder	Brass Brass	51.70 0.53 0.24	39.81 36.97 34.13

drew Connectors for LDF4-75A

468155

Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Andrew Corporation L4NM-7570 10 Years	N Female	Solder	Brass Brass	40.20 0.18 0.08	30.96 28.75 26.54

Are you certified to sweep RF lines?

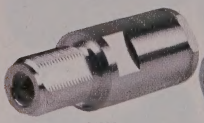
Line Sweeping and Spectrum Analysis. . . . . page 1400
Cable System Analyzers. . . . . page 1408

Times Connectors for LMR500

71543

31517

18303



96338

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68661

26321

Times connectors for LMR cables can be easily attached in the field or installed by TESSCO'S expert technicians. These connectors have been designed for easy assembly using only common hand tools.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
71543 1 EACH	Times Microwave TC-500-NMC-PL 5 Years	N Male	Shrink boot included	Silver Gold	24.00 0.12 0.05	17.52 16.80 16.56
31517 1 EACH	Times Microwave TC-500-NMC 5 Years	N Male Hex Head	Solder	Silver Gold	24.00 0.25 0.11	17.52 16.80 16.56
18303 1 EACH	Times Microwave TC-500-NMC-RA 5 Years	N Male Hex Head	Right angle Solder	Silver Gold	45.00 0.65 0.3	32.85 31.50 31.05
96338 1 EACH	Times Microwave TC-500-NFC 5 Years	N Female	Solder	Silver Gold	28.00 0.65 0.3	20.44 19.60 19.32
46174 1 EACH	Times Microwave BHA-KIT 5 Years	Bulkhead kit for TC-500-NFC connector	N female conn.		6.00 0.25 0.11	4.38 4.20 4.14
24182 1 EACH	Times Microwave TC-500-UMC 5 Years	UHF Male	Solder	Silver Gold	30.00 0.65 0.3	21.90 21.00 20.70
68661 1 EACH	Times Microwave TC-500-SMC 5 Years	SMA Male Hex Head		Silver Gold	38.00 0.65 0.3	27.74 26.60 26.22
26321 1 EACH	Times Microwave TC-500-TM 5 Years	TNC Male Hex Head		Nickel Gold	20.00 0.65 0.3	14.60 14.00 13.80

TERACOM Waterproof 1/2" Flex

33007

97828

TERACOM connectors for copper corrugated cables are IP68 classified (water-pressure proof to 25 meters). No need for any external weatherproofing. Auto-flaring, with high quality O-rings against outer conductor and cable jacket ensure funtional integrity. Designed to maintain high pressure on contact surfaces to reduce intermodulation products.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
33007 1 EACH	Teracom Components Inc. 716M-S012-A0 10 Years	7/16 DIN Male	Silver	Silver Silver	59.00 1 0.45	41.30 39.83 38.35
97828 1 EACH	Teracom Components Inc. 716F-S012-A0 10 Years	7/16 DIN Female	Silver	Silver Silver	59.00 1 0.45	41.30 39.83 38.35
437010 1 EACH	Teracom Components Inc. 716M-S012-BO 10 Years	Din/Male Right Angle	silver	Silver Silver	55.80 0.3 0.14	39.06 37.67 36.27

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
493041 1 EACH	Teracom Components Inc. 716F-S012-BO 10 Years	Din/F Right Angle	silver	Silver Silver	55.80 0.3 0.14	39.06 37.67 36.27

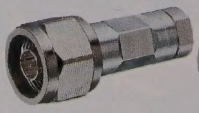
1/4" & 3/8" Foam Cable Connectors [420-39]

If you are buying these, then you may need:

Cable Prep Tools ..... page 1553
Cable System Analyzers ..... page 1408

1/4" Andrew Connectors for LDF1-50

468132


428196

497120

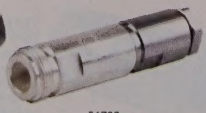
467166

ANDREW connectors are the only connectors completely compatible with HELIAX cable. Excellent electrical contact results in outstanding RF shielding. High resistance to pull-off and twist-off provides long term mechanical integrity. Also offers a wide selection of interface types simplifies system planning.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
468132 1 EACH	Andrew Corporation L1PNF 10 Years	N Female	Solder	Silver Plated Gold Plated	22.00 0.3 0.14	16.94 15.73 14.52
NEW 485350 1 EACH	Andrew Corporation L1PNF-BH 10 Years	N Female Bulkhead	Solder	Silver Plated Gold Plated	32.60 0.7 0.32	25.11 23.31 21.52
428196 1 EACH	Andrew Corporation L1PNM-H 10 Years	N-Male Hexhead	Solder	Silver Plated Gold Plated	20.40 0.3 0.14	15.71 14.59 13.47
497120 1 EACH	Andrew Corporation L1PNM-HC 10 Years	N-Male Hexhead	Captivated	Silver Plated Captivated Silver Pin	20.40 0.3 0.14	15.71 14.59 13.47
467166 1 EACH	Andrew Corporation L1PNR-HC 10 Years	N-Male Right Angle	Captivated	Silver Plated Captivated Gold Pin	28.60 0.3 0.14	22.03 20.45 18.88

1/4" Eupen Foam Connectors

25809


56708

Premium waterproof connectors for 1/4" foam cables. The solderless two piece design simplifies installation and eliminates lost parts. Both the inner and outer contacts are silver plated to protect from intermodulation and corrosion. Water migration is eliminated by the use of multiple O-rings. RTV sealant is not required with O-ring design.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
25809 1 EACH	Eupen Cable USA NM50A-1/4 2 Years	Premium N Male	Hex head Captivated	Silver Silver	22.00 0.18 0.08	17.58 16.48 16.15
56708 1 EACH	Eupen Cable USA NF50A-1/4 2 Years	Premium N Female	Hex head Captivated	Silver Silver	22.00 1 0.45	17.58 16.48 16.15

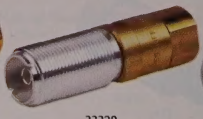
3/8" RFS Connectors for LCF38-50

499062

84936

46543

71722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76437

Radio Frequency Systems connectors for CELLFLEX cables can be easily attached in the or installed by TESSCO'S expert technicians. They are desiged to provide resistance to p and twist-off as well as provide excellent electrical contact. Standard connectors have br bodies. Connectors are weatherproof, require no soldering or flaring, unless noted, and easily field installed.

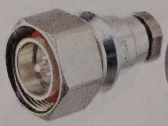
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)
499062 1 EACH	RFS Cablewave 734882 5 Years	N Male	Captivated	Silver Gold	32.30 0.45 0.2
84936 1 EACH	RFS Cablewave 734761 5 Years	N Male	Solder	Brass Silver	45.00 0.45 0.2
46543 1 EACH	RFS Cablewave 734762 5 Years	N Female	Solder	Brass Silver	45.00 0.45 0.2
71722 1 EACH	RFS Cablewave 734773 5 Years	UHF Male	Solder	Brass Silver	58.85 0.45 0.2
33329 1 EACH	RFS Cablewave 734774 5 Years	UHF Female	Solder	Brass Silver	58.85 0.45 0.2
76437 1 EACH	RFS Cablewave 734835 5 Years	TNC Male	Solder	Nickel Gold	190.00 0.45 0.2
24830 1 EACH	RFS Cablewave 734881 5 Years	TNC Female	Solder	Nickel Gold	64.00 0.45 0.2

3/8" Andrew Connectors for LDF2-50

411144

449125

438177


460159

415107

439150

489194

ANDREW connectors are the only connectors complete compatible with HELIAX cable. Excellent electrical conta results in outstanding RF shielding. High resistance to pull and twist-off provides long term mechanical integrity. Als offers a wide selection of interface types simplifies systen ning.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)
411144 1 EACH	Andrew Corporation L2PNM-H 10 Years	N Male	Solder	Silver Plated Gold Plated	32.30 0.3 0.14
449125 1 EACH	Andrew Corporation L2PNM-HC 10 Years	N-Male Captivated	Captivated	Silver Gold	32.30 0.3 0.14

NEW = New Listing. Pricing for reference See TESSCO.com for latest pricing and pr
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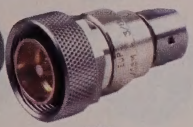
g product table (2 of 2)

Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Andrew Corporation L2PNF 10 Years	N Female	Solder	Silver Plated Gold Plated	32.30 0.3 0.14	24.88 23.10 21.32
Andrew Corporation L2PDM-C 10 Years	7/16 DIN Male	Captivated	Silver Plated Captivated Silver pin	32.30 0.3 0.14	24.88 23.10 21.32
Andrew Corporation L2PDF-C 10 Years	7/16 DIN Female	Captivated	Silver Plated Captivated Silver pin	32.30 0.3 0.14	24.88 23.10 21.32
Andrew Corporation L42WS 10 Years	SMA Male	Solder	Brass Gold	71.50 0.3 0.14	55.06 51.13 47.19
Andrew Corporation L42EWT 10 Years	TNC Male	Solder	Nickel Gold	85.80 0.15 0.07	66.07 61.35 56.63

Eupen Foam Connectors

95101

43494


81887

m waterproof connectors for 3/8" foam cables. The solderless, two-piece design simpli- callation and eliminates lost parts. Both the inner and outer contacts are silver plated to from intermodulation and corrosion. Water migration is eliminated by injecting the ody with an RTV sealant. Purchase sealant (sku 80607) and adapter (sku 29000) seper-

Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Eupen Cable USA NM50A-3/8 2 Years	Premium N Male	Hex head Captivated	Silver Silver	34.00 0.18 0.08	27.17 25.47 24.96
Eupen Cable USA NF50A-3/8 2 Years	Premium N Female	Hex head Captivated	Silver Silver	34.00 0.18 0.08	27.17 25.47 24.96
Eupen Cable USA 7/16M50A-3/8 2 Years	Premium 7/16 DIN Male	Hex head Captivated	Silver Silver	38.00 0.25 0.11	30.37 28.47 27.90
Eupen Cable USA 7/16F50A-3/8 2 Years	Premium 7/16 DIN Female	Hex head Captivated	Silver Silver	38.00 0.25 0.11	30.37 28.47 27.90

1/2" Foam Cable Connectors [420-40]

If you are buying these, you might need:

Wrenches ..... page 1579
Wire Wrap Tools ..... page 1610
Cable System Analyzers ..... page 1408

1/2" RFS Connectors for LCF12-50

486060

57179

26608

96863

30143

68536

18786

78215

55322

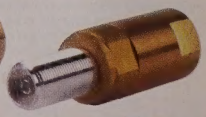
480077

49981

51639

88374

82358


43965

76113

38044

95572

Radio Frequency Systems connectors for CELLFLEX cables can be easily attached in the field or installed by TESSCO's expert technicians. They are designed to provide resistance from pull-off and twist-off as well as excellent electrical contact. Standard connectors have brass bodies. Center pins are captivated, requiring no soldering, unless otherwise noted.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
486060 1 EACH	RFS Cablewave 15566070 5 Years	N Male, One-piece rapid fit design	Basket	Silver Silver	41.30 0.2 0.09	28.91 26.85 24.78
57179 1 EACH	RFS Cablewave 738802-A 5 Years	N Male	Captivated	Brass Silver	34.50 0.46 0.21	24.15 22.43 20.70
26608 1 EACH	RFS Cablewave 734736 5 Years	N Male	Solder	Brass Silver	41.25 0.46 0.21	28.88 26.82 24.75
96863 1 EACH	RFS Cablewave 734921 5 Years	N Male	Right angle. Hex head. Captivated	Silver Gold	98.00 0.52 0.24	68.60 63.70 58.80
30143 1 EACH	RFS Cablewave 734803-A 5 Years	Prem N Male	Captivated	Silver Gold	44.00 0.1 0.05	30.80 28.60 26.40
68536 1 EACH	RFS Cablewave 734868-A 5 Years	Prem N Male	Hex head Captivated	Silver Gold	41.30 0.41 0.19	28.91 26.85 24.78

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
18786 1 EACH	RFS Cablewave 738801-A 5 Years	N Female	Captivated	Brass Silver	40.00 0.45 0.2	28.00 26.00 24.00
78215 1 EACH	RFS Cablewave 734747 5 Years	N Female	Solder	Brass Silver	61.50 0.2 0.09	43.05 39.98 36.90
55322 1 EACH	RFS Cablewave 734806-A 5 Years	Prem N Female	Captivated	Silver Gold	44.00 0.1 0.05	30.80 28.60 26.40
480077 1 EACH	RFS Cablewave 15565470 5 Years	7/16 Din Male, One-piece rapid fit design	Basket	Silver Silver	41.30 0.33 0.15	28.91 26.85 24.78
49981 1 EACH	RFS Cablewave 734750 5 Years	7/16 DIN Male	Hex head Captivated	Silver Silver	41.30 0.45 0.2	28.91 26.85 24.78
51639 1 EACH	RFS Cablewave 734916 5 Years	7/16 DIN Male	Right angle,Hex Head Captivated	Silver Silver	57.80 0.63 0.29	40.46 37.57 34.68
88374 1 EACH	RFS Cablewave 734751 5 Years	7/16 DIN Female	Captivated	Silver Silver	41.30 0.46 0.21	28.91 26.85 24.78
82358 1 EACH	RFS Cablewave 738804 5 Years	UHF Male	Captivated	Brass Silver	52.00 0.48 0.22	36.40 33.80 31.20
43965 1 EACH	RFS Cablewave 738803 5 Years	UHF Female	Captivated	Brass Silver	28.20 0.85 0.39	19.74 18.33 16.92
76113 1 EACH	RFS Cablewave 738807 5 Years	7/8" EIA Flange	Gas pass Captivated	Brass Silver	117.20 1.61 0.73	82.04 76.18 70.32
38044 1 EACH	RFS Cablewave 738813 5 Years	LC male	Captivated	Brass Silver	134.00 1 0.45	93.80 87.10 80.40
95572 1 EACH	RFS Cablewave 738806 5 Years	Splice	Captivated	Brass Silver	90.00 0.65 0.3	63.00 58.50 54.00

1/2" Andrew Connectors for LDF4-50A

Standard connectors for Andrew LDF4-50A 1/2" foam cable. Features such as pre-set pin depths and self flaring mechanisms ensure fast, accurate installation along with the benefi low intermodulation and low VSWR. Designed to meet IP68 standards. Body and pin plat can differ depending on connector.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)
420152 1 EACH	Andrew Corporation L4PNM-H 10 Years	N Male	Solder	Silver Gold	41.30 0.53 0.24
483183 1 EACH	Andrew Corporation L4PNM-RC 10 Years	N-Male Captivated	Captivated	Silver Gold	33.40 0.53 0.24
475164 1 EACH	Andrew Corporation L4PNM 10 Years	N Male	Solder	Silver Gold	41.30 0.3 0.14
498148 1 EACH	Andrew Corporation L4PNR-HC 10 Years	N-Male Right Angle Captivated	Captivated	Silver Gold	57.80 0.53 0.24
429193 1 EACH	Andrew Corporation L4PNF-RC 10 Years	N Female	Captivated	Silver Gold	33.40 0.53 0.24
86994 1 EACH	Huber + Suhner 21 N-50-12-10 1 Year	N Female	Captivated	Sucoplate Silver	26.20 0.33 0.15
476126 1 EACH	Andrew Corporation L4PNF 10 Years	N Female	Solder	Silver Gold	41.30 0.53 0.24

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WWW.TESSCO.COM

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See TESSCO.com for latest pricing and pr

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product table (2 of 2)

Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Andrew Corporation L4PNF-BH 10 Years	N-Female Bulkhead	Solder	Silver Gold	53.80 0.53 0.24	41.43 38.47 35.51
Andrew Corporation L4PDR-C 10 Years	7/16 Din-Male Right Angle Captivated	Captivated	Silver Silver	57.80 0.53 0.24	44.51 41.33 38.15
Andrew Corporation L4PDM-C 10 Years	DIN Male	Captivated	Silver Silver	47.70 0.53 0.24	36.73 34.10 31.48
Andrew Corporation L4PDM-RC 10 Years	DIN Male	Captivated	Silver Gold	33.40 0.53 0.24	25.72 23.89 22.05
Andrew Corporation L4PDM 10 Years	DIN Male	Solder	Silver Silver	41.30 0.53 0.24	31.81 29.53 27.26
Andrew Corporation L4PDF-RC 10 Years	N Female	Captivated	Silver Gold	33.40 0.36 0.16	25.72 23.89 22.05
Andrew Corporation L4PDF 10 Years	DIN Female	Solder	Silver Silver	41.30 0.53 0.24	31.81 29.53 27.26
Andrew Corporation L4P 10 Years	UHF Male	Solder	Brass Brass	31.00 0.53 0.24	23.87 22.17 20.46
Andrew Corporation L44U 10 Years	UHF Female	Solder	Brass Silver	31.00 0.53 0.24	23.87 22.17 20.46
Andrew Corporation L44Z 10 Years	Splice for LDF4-50A	Solder	Brass Brass	94.10 0.67 0.3	67.29 62.11 56.94
Andrew Corporation L44R 10 Years	7/8" EIA Flange	Solder	Brass Brass	117.20 0.53 0.24	90.25 83.80 77.36

ommscope Conn for CR50-540PE

87208

52248

35601

89392

99173

These premium connectors for 1/2" Cell Reach cable are designed to provide the lowest VSWR and intermodulation levels in the industry. A unique coring tool is used during installation, greatly reducing connectorization time and ensuring optimum electrical contact. Other features include superior retention force, tarnish resistance, and waterproofing.

Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
CommScope, Inc. CR540NM 10 Years	N Male	Hex head	Silver Gold	47.00 1 0.45	37.60 36.66 35.25
CommScope, Inc. CR540NM-R 10 Years	N Male Right Angle	Hex head Captivated	Silver Gold	58.00 0.61 0.28	46.40 45.24 43.50
CommScope, Inc. CR540NF 10 Years	N Female		Silver Gold	47.00 0.33 0.15	37.60 36.66 35.25
CommScope, Inc. CR540DM-R 10 Years	7/16 DIN Male, Right Angle	Captivated	Silver Silver	68.00 0.75 0.34	54.40 53.04 51.00
CommScope, Inc. CR540DF 10 Years	7/16 DIN Female	Captivated	Silver Silver	49.00 0.33 0.15	39.20 38.22 36.75

1/2" Eupen O-Ring Conn for EC4-50

53744

14102

52495

90888

Premium watertight connectors for 1/2" foam cables. The solderless, two-piece design simplifies installation and eliminates lost parts. Both the inner and outer contacts are silver plated to protect from intermodulation and corrosion. Water migration is eliminated by the use of multiple O-rings. RTV sealant is not required with the O-ring design.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
53744 1 EACH	Eupen Cable USA NM50V-1/2 2 Years	N Male	Hex head Captivated	Silver Silver	45.00 0.33 0.15	35.96 33.71 33.03
14102 1 EACH	Eupen Cable USA NF50V-1/2 2 Years	N Female	Captivated	Silver Silver	45.00 0.25 0.11	35.96 33.71 33.03
52495 1 EACH	Eupen Cable USA 7/16M50V-1/2 2 Years	7/16 DIN Male		Silver Silver	45.00 0.25 0.11	33.75 31.50 30.60
90888 1 EACH	Eupen Cable USA 7/16F50V-1/2 2 Years	7/16 DIN Female	Captivated	Silver Silver	45.00 0.4 0.18	33.75 31.50 30.60

1/2" Eupen RTV Conn for EC4-50

66849

28456

62813

Premium waterproof connectors for 1/2" foam cables. The solderless, two-piece design simplifies installation and eliminates lost parts. Both the inner and outer contacts are silver plated to protect from intermodulation and corrosion. Water migration is eliminated by injecting the back body with an RTV sealant. Purchase sealant (sku 80607) and adapter (sku 29000) seperately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
66849 1 EACH	Eupen Cable USA NF50A-1/2 2 Years	N Female	Captivated	Silver Silver	45.00 0.25 0.11	35.96 33.71 33.03
28456 1 EACH	Eupen Cable USA 7/16M50A-1/2 2 Years	7/16 DIN Male	Captivated	Silver Silver	45.00 0.4 0.18	33.75 31.50 30.60
62813 1 EACH	Eupen Cable USA 7/16F50A-1/2 2 Years	7/16 DIN Female	Captivated	Silver Silver	45.00 0.4 0.18	33.75 31.50 30.60

1/2" Eupen Conn for EC4-50 Radiating

Premium connectors for 1/2" radiation cable. The solderless design simplifies installation. Both the inner and outer contacts are silver plated to protect from corrosion and intermodulation.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
91583 1 EACH	Eupen Cable USA WNM0500RSE 2 Years	N Male	Captivated	Silver Silver	108.35 0.65 0.3	70.42 65.00 59.59

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Amphenol Standard TXL Conn for 1/2" Foam

18467 95253 43646

Amphenol's TXL connectors deliver optimum performance while retaining true ease of installation. All connectors feature standard brass bodies. The self-flaring, two-piece design provides easy installation. Compatible with Andrew, Cablewave, Amphenol, and Eupen cables.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
18467 1 EACH	Amphenol A4NM-S 3 Years	N Male	Hex head Solder	Brass Silver	45.00 1 0.45	33.30 31.50 30.38
95253 1 EACH	Amphenol A4NM 3 Years	N Male	Hex head	Brass Silver	47.50 0.35 0.16	35.15 33.25 32.07
43646 1 EACH	Amphenol A4NF 3 Years	N Female	Hex head Captivated	Brass Silver	42.50 0.35 0.16	31.45 29.75 28.69

Amphenol Premium TXL Conn for 1/2" Foam

87615 31681 36008

Amphenol's TXL connectors deliver optimum performance while retaining true ease of installation. All connectors feature premium platings for high conductivity and corrosion resistance. Extensive development and testing provides proven intermodulation performance. Self-flaring, two-piece design. Compatible with Andrew, Cablewave, Amphenol, and Wireless Solutions cable.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
87615 1 EACH	Amphenol A4PNM 3 Years	N Male	Hex head Captivated	Silver Gold	47.50 0.36 0.16	35.15 33.25 32.07
31681 1 EACH	Amphenol A4PNM-S 3 Years	N Male	Hex head Solder	Silver Gold	45.00 0.36 0.16	33.30 31.50 30.38
36008 1 EACH	Amphenol A4PDM 3 Years	7/16 DIN Male	Captivated	Silver Silver	55.00 0.48 0.22	40.70 38.50 37.13

TERACOM Waterproof 1/2" Connectors

58482 58419 58453

TERACOM connectors for copper corrugated cables are IP68 classified (water-pressure proof to 25 meters). No need for any external weatherproofing. Auto-flaring, with high quality O-rings against outer conductor and cable jacket ensure funtional integrity. Designed to maintain high pressure on contact surfaces to reduce intermodulation products.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
58482 1 EACH	Teracom Components Inc. 716M-F012-G0 10 Years	7/16 DIN Male	Captivated	Silver Silver	45.00 0.46 0.21	31.50 30.38 29.25
58483 1 EACH	Teracom Components Inc. 716F-F012-G0 10 Years	7/16 DIN Female	Captivated	Silver Silver	55.00 0.46 0.21	38.50 37.13 35.75
58419 1 EACH	Teracom Components Inc. NM-F012-G0 10 Years	N Male	Captivated	Silver Silver	46.00 1 0.45	32.20 31.05 29.90

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)
58453 1 EACH	Teracom Components Inc. NF-F012-G0 10 Years	N Female	Captivated	Silver Silver	46.00 0.4 0.18

Times Connectors for LMR600

15805 22332 29019
40984 443392 77885
81900 83385 93865
12229 41775 44451
51716 54198 71536
54223 78080 33664
33669 92591 42845
60332 78128 94377

Connectors for Times LMR cables can be easily attached in the field or installed by TESS expert technicians. These connectors have been designed for easy assembly.

Continuing product table (1 of 3)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)
15805 1 EACH	Times Microwave TC-600-NMH 5 Years	N Male, Hex Head	Hex head Solder	Silver Gold	14.00 0.65 0.3
22332 1 EACH	Times Microwave EZ-600-NMH-RA 5 Years	N Male, Right angle,hex head	EZ-style. Hex nut. Captivated	Silver Gold	28.00 0.65 0.3

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roduct table (2 of 3)

Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Times Microwave TC-600-NMC 5 Years	N Male, Hex Head	Hex head Solder	Silver Gold	20.00 0.65 0.3	14.60 14.00 13.80
Times Microwave TC-600-NMC-RA 5 Years	N Male, Right angle,hex head	Right angle	Silver Gold	38.00 0.65 0.3	27.74 26.60 26.22
Times Microwave EZ-600-NMH-B 5 Years	N Male, Hex Head	EZ-style. Hex nut. Captivated	Silver Gold	16.00 0.17 0.08	11.68 11.20 11.04
Times Microwave EZ-600-NMC-2 5 Years	N Male, Captivated center pin, hex head	Hex head Captivated	Silver Gold	19.95 0.45 0.2	14.57 13.97 13.77
Times Microwave EZ-600-NMC 5 Years	N Male, Captivated center pin, hex head	Hex head Captivated	Silver Gold	25.00 0.65 0.3	18.25 17.50 17.25
RF Industries RFN-1002-2L2 5 Years	N Male, Standard head.	Solder	Silver Gold	22.50 1 0.45	15.73 13.03 12.36
RF Industries RFN-1006-2L2 5 Years	N Male, Standard head, crimp style.	Crimp	Silver Gold	340.55 3 1.36	238.38 197.52 187.30
RF Industries RFN-1006-2L2 5 Years	N Male, Standard head, crimp style.	Crimp	Silver Gold	17.05 0.14 0.06	11.93 9.88 9.37
Times Microwave TC-600-NMH-PL 5 Years	N Male	EZ-style. Solder	Silver Gold	14.00 0.1 0.05	10.22 9.80 9.66
Times Microwave EZ-600-NMH-PL 5 Years	N Male	EZ-style. Captivated	Silver Gold	16.00 0.3 0.14	11.68 11.20 11.04
Times Microwave EZ-600-NF-BH 5 Years	N Female, Bulk-head connector. Non- soldered pin.	EZ-style. Hex nut. Captivated	Silver Gold	26.50 1 0.45	19.35 18.55 18.29
Times Microwave TC-600-NFBH 5 Years	N Female, Bulk-head		Silver Gold	22.50 1 0.45	16.43 15.75 15.53
Times Microwave TC-600-NFC-BH 5 Years	N Female, Bulk-head	Solder	Silver Gold	26.00 0.2 0.09	18.98 18.20 17.94
Times Microwave EZ-600-NF 5 Years	N Female	EZ-style/Shrink boot included Non-solder(compression fit)	Silver Gold	21.00 0.12 0.05	15.33 14.70 14.49
RF Industries RFN-1028-2L2 5 Years	N Female, Standard head, crimp style.	Crimp	Silver Gold	15.65 1 0.45	10.94 9.06 8.60
RF Industries RFN-1028-2L2 5 Years	N Female, Standard head, crimp style.	10 pack Crimp	Silver Gold	156.20 10 4.54	109.32 90.58 85.89
Times Microwave EZ-600-TM-RP 5 Years	TNC Male, Reverse polarity (internal threads; no center pin)	EZ-style Captivated	Silver Gold	25.00 0.12 0.05	18.25 17.50 17.25
Times Microwave EZ-600-TF-RP 5 Years	TNC Female, Reverse polarity (external threads; center pin)	EZ-style Captivated	Silver Gold	25.00 0.12 0.05	18.25 17.50 17.25
Times Microwave TC-600-UMC 5 Years	UHF Male	Solder	Silver Gold	30.00 0.65 0.3	21.90 21.00 20.70
Times Microwave EZ-600-TM 5 Years	TNC Male	EZ-style Captivated	Silver Gold	24.00 0.12 0.05	17.52 16.80 16.56
RF Industries RFD-1604-2L2 5 Years	7/16 DIN Male	Captivated	Silver Silver	20.60 0.65 0.3	15.04 14.42 14.22
Times Microwave TC-600-716MC 5 Years	7/16 DIN Male, Captivated center pin, clamp style.	Captivated	Silver Silver	35.00 0.65 0.3	25.55 24.50 24.15
Times Microwave TC-600-716FC 5 Years	7/16 DIN Female	Solder	Silver Silver	40.00 0.65 0.3	29.20 28.00 27.60
Times Microwave TC600716MRA 5 Years	7/16 DIN Male, Right angle, hex head	Solder	Silver Silver	45.00 0.65 0.3	32.85 31.50 31.05
Times Microwave EZ-600-716MH 5 Years	7/16 DIN Male EZ style connector for LMR-600	EZ-style. Hex nut. Captivated	Silver Silver	35.00 0.65 0.3	25.55 24.50 24.15
RF Industries RFD-1631-2L2 5 Years	7/16 DIN Female	Captivated	Silver Silver	26.00 0.65 0.3	18.98 18.20 17.94

Continuing product table (3 of 3)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 469319 1 EACH	Times Microwave TC-600-78EIA 5 Years	7/8" EIA Flange	Solder	Silver Silver	80.00 0.85 0.39	58.40 56.00 55.20

5/8" Foam Cable Connectors [420-41]

If you are buying these, you might need:

Wrenches . . . . . page 1579
Wire Wrap Tools . . . . . page 1610

5/8" RFS Connectors for LCF58-50

459199

492112

456320

Radio Frequency Systems premium connectors are the choice when intermodulation and noise are a factor. The plating maximizes conductivity which decreases the resistance to the flow of RF signals.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
459199 1 EACH	RFS Cablewave 15590440 5 Years	7/16" DIN Male	Spring Finger	Silver Silver	44.00 0.75 0.34	30.80 28.60 26.40
474123 1 EACH	RFS Cablewave 15590540 5 Years	7/16" DIN Female	Spring Finger	Silver Silver	44.00 0.75 0.34	30.80 28.60 26.40
492112 1 EACH	RFS Cablewave 15591140 5 Years	N Female	Spring Finger	Silver Silver	44.00 0.5 0.23	30.80 28.60 26.40
NEW 456320 1 EACH	RFS Cablewave 15591070 5 Years	N Male, One-piece rapid fit design	Basket	Silver Silver	44.00 0.2 0.09	30.80 28.60 26.40

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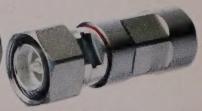
Andrew is your one source for complete antenna-to-radio RF subsystem solutions.

See Cable Prep Tools, page 1553

5/8" Andrew Connectors for LDF4.5-50

451136

438107



422130

474114

Standard connectors for Andrew LDF4.5-50 5/8" foam cable. Features such as pre-set pin depths and self flaring mechanisms ensure fast, accurate installation along with the benefits of low intermodulation and low VSWR. Designed to meet IP68 standards. Body and pin plating can differ depending on connector.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
451136 1 EACH	Andrew Corporation L4.5PNM-RC 10 Years	N Male, hex head	Captivated	Silver Gold	44.20 0.5 0.23	34.04 31.61 29.18
438107 1 EACH	Andrew Corporation L4.5PNF-RC 10 Years	N Female, hex head	Captivated	Silver Gold	44.20 0.65 0.3	34.04 31.61 29.18

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
422130 1 EACH	Andrew Corporation L4.5PDM-RC 10 Years	Din-Male for 5/8" Connector	Captivated	Silver Silver	44.20 0.65 0.3	34.04 31.61 29.18
474114 1 EACH	Andrew Corporation L4.5PDF-RC 10 Years	Din-Female for 5/8" Connector	Captivated	Silver Silver	44.20 0.65 0.3	34.04 31.61 29.18

Times Connectors for LMR900

71547

71572

41183

444111

499175

Times "EZ' style connectors for LMR-900 have no-solder press-fit center contacts and a simple braid clamp design for >500 lb retention force and ease of installation. Strip tool ST-900/1200C (sku 91086) enables quick and accurate cable preparation.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
71547 1 EACH	Times Microwave EZ-900-NMC-PL 5 Years	N Male	Plenum Cable Non-solder(compression fit)	Silver Silver	45.00 0.65 0.3	32.85 31.50 31.05
71572 1 EACH	Times Microwave EZ-900-NFC-PL 5 Years	N Female	Plenum Cable Non-solder(compression fit)	Silver Silver	45.00 0.65 0.3	32.85 31.50 31.05
10566 1 EACH	Times Microwave EZ-900-78EIA-2 5 Years	7/8" EIA flange	Press-in	Silver Silver	110.00 1.1 0.5	80.30 77.00 75.90
41183 1 EACH	Times Microwave EZ-900-716MC 5 Years	7/16 DIN male, hex head	Press-in	Silver Silver	65.00 1.1 0.5	47.45 45.50 44.85
444111 1 EACH	Times Microwave EZ-900-NMC-2 5 Years	N Male	Press-in	Silver Silver	45.00 0.65 0.3	32.85 31.50 31.05
499175 1 EACH	Times Microwave EZ-900-NFC-2 5 Years	N Female	Press-in	Silver Silver	45.00 0.65 0.3	32.85 31.50 31.05

7/8" Foam Cable Connectors [420-42]

If you are buying these, you might need:

Wrenches ..... page 1
Wire Wrap Tools ..... page 1
Cable System Analyzers ..... page 1

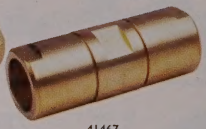
7/8" RFS Connectors for LCF78-50

54681

29502

15039

94323


41467

Radio Frequency Systems con for CELLFLEX cables can be e attached in the field or installe TESSCO'S expert technicians. are designed to provide resista pull-off and twist-off as well as vide excellent electrical contac dard connectors have brass bo Connectors are weatherproof, require no soldering or flaring easily field installed.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)
54681 1 EACH	RFS Cablewave 738841 5 Years	N Male	Spring finger	Brass Silver	51.50 0.94 0.43
29502 1 EACH	RFS Cablewave 738842 5 Years	N Female	Spring finger	Brass Silver	51.50 0.41 0.19
15039 1 EACH	RFS Cablewave 738843 5 Years	UHF Male	Threaded	Brass Silver	74.00 0.93 0.42
94323 1 EACH	RFS Cablewave 738845 5 Years	7/8" EIA Flange	Gas pass	Brass Brass	121.20 1.39 0.63
41467 1 EACH	RFS Cablewave 738846 5 Years	Splice	Threaded	Brass Brass	123.50 1.76 0.8

Premium 7/8" RFS Connectors for LCF78-50

17922

479094

46522

36767

410019

498149

38425

25211

75160

Radio Frequency Systems premium connectors are the choice when intermodulation anc are a factor. The plating maximizes conductivity which decreases the resistance to the fi RF signals. All connectors feature gold-plated inner contacts, and silver-plated bodies.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)
17922 1 EACH	RFS Cablewave 734804 5 Years	N Male	Self Tapping	Silver Gold	54.10 0.46 0.21

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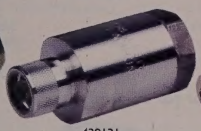
roduct table (2 of 2)

Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
RFS Cablewave 15571170 5 Years	1 piece N Female	Spring Finger	Silver Silver	54.10 0.47 0.21	37.87 35.17 32.46
RFS Cablewave 734837 5 Years	N Female	Spring finger	Silver Gold	54.10 1 0.45	37.87 35.17 32.46
RFS Cablewave 734737-A 5 Years	7/16 DIN Male	Spring finger	Silver Silver	51.50 0.75 0.34	36.05 33.48 30.90
RFS Cablewave 15570570 5 Years	1 piece 7/16 Din Female	Spring Finger	Silver Silver	54.10 0.5 0.23	37.87 35.17 32.46
RFS Cablewave 15571070 5 Years	1 piece N Male	Spring Finger	Silver Silver	54.10 0.46 0.21	37.87 35.17 32.46
RFS Cablewave 734919 5 Years	7/16 DIN Male, right angle	Right angle Spring finger	Silver Silver	98.00 0.94 0.43	68.60 63.70 58.80
RFS Cablewave 734752-B 5 Years	7/16 DIN Female	Bulkhead Spring finger	Silver Silver	90.40 0.94 0.43	63.28 58.76 54.24
RFS Cablewave 734752-A 5 Years	7/16 DIN Female	Spring finger	Silver Silver	51.50 0.75 0.34	36.05 33.48 30.90

n 7/8" Andrew Conn for LDF5-50A

484113


439131

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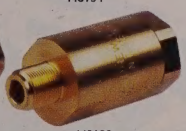
449188

Premium connector drastically reduces the time required for connector attachment viding superior electrical and mechanical performance.

Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Andrew Corporation L5PDM 10 Years	7/16" Din Male for LDF5-50A	Self Tapping	Silver Silver	68.90 0.65 0.3	53.06 49.27 45.48
Andrew Corporation L5PNM 10 Years	N-Male for LDF5-50A	Self Tapping	Silver Gold	101.80 0.65 0.3	78.38 72.78 67.19
Andrew Corporation L5PNF 10 Years	N- Female for LDF5-50A	Self Tapping	Silver Gold	96.00 0.65 0.3	73.92 68.64 63.36
Andrew Corporation L5PDF 10 Years	7/16" Din Female for LDF5-50A	Self Tapping	Silver Silver	68.90 0.65 0.3	53.06 49.27 45.48
Andrew Corporation L5PDR 10 Years	7/16" Din Male Right Angle for LDF5-50A	Self Tapping	Silver Silver	185.00 0.65 0.3	142.45 132.28 122.10
Andrew Corporation L5NM 10 Years	N-Male for LDF5-50A	Self Tapping	Brass Brass	81.60 0.65 0.3	62.84 58.35 53.86
Andrew Corporation L5NF 10 Years	N-Female		Brass Brass	81.60 0.71 0.32	62.84 58.35 53.86

7/8" Andrew One-Piece Conn for LDF5-50A

416103

471110

451142

480119

Andrew's OnePiece connectors for 7/8" LDF5-50A foam cable. The self-flaring design provides fast and reliable installation along with the benefits of low intermodulation and low VSWR. These connectors are completely waterproof mated or unmated and completely submerged in water. Exceeds IP66 and IP68 standards. Body and pin plating can differ depending on connector.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
416103 1 EACH	Andrew Corporation L5PNM-RPC 10 Years	N-Male for LDF5-50A	Captivated	Silver Gold	54.10 0.65 0.3	41.66 38.69 35.71
471110 1 EACH	Andrew Corporation L5PNF-RPC 10 Years	N-Female for LDF5-50A	Captivated	Silver Gold	54.10 0.55 0.25	41.66 38.69 35.71
451142 1 EACH	Andrew Corporation L5PDM-RPC 10 Years	7/16" Din Male for LDF5-50A	Captivated	Silver Silver	54.10 0.65 0.3	41.66 38.69 35.71
480119 1 EACH	Andrew Corporation L5PDF-RPC 10 Years	7/16" Din Female for LDF5-50A	Captivated	Silver Silver	54.10 0.46 0.21	41.66 38.69 35.71

7/8" Andrew Ring-Flare Conn for LDF5-50A

493100

498120

438115

427115

433117

435113

485179

Andrew Ring Flare connector frastically reduces the time required for connector attachment while providing superior electrical and mechanical performance.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
493100 1 EACH	Andrew Corporation L5PNM-RC 10 Years	N-Male for LDF5-50A	Captivated	Silver Gold	77.00 0.65 0.3	59.29 55.06 50.82
498120 1 EACH	Andrew Corporation L5PNF-RC 10 Years	N-Female for LDF5-50A	Captivated	Silver Gold	77.00 0.52 0.24	59.29 55.06 50.82
438115 1 EACH	Andrew Corporation L5PDM-RC 10 Years	Din-Male for LDF5-50A	Captivated	Silver Silver	52.40 0.65 0.3	40.35 37.47 34.59
427115 1 EACH	Andrew Corporation L5PDF-RC 10 Years	Din-Female for LDF5-50A	Captivated	Silver Silver	52.40 0.65 0.3	40.35 37.47 34.59
433117 1 EACH	Andrew Corporation L45R 10 Years	7/8" EIA Flange for LDF5-50A	Self-Tapping	Brass Brass	121.20 0.65 0.3	93.33 86.66 80.00

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
435113 I EACH	Andrew Corporation L45F 10 Years	F Flange Male for LDF5-50A	Self-Tapping	Brass Brass	148.50 1 0.45	114.35 106.18 98.01
NEW 485179 I EACH	Andrew Corporation L45Z 10 Years	Splice for LDF5-50A	Self Tapping	Brass Brass	135.90 0.8 0.36	97.17 89.70 82.22

7/8" Andrew Ring Flare Conn for LDF5-50B

Andrew Ringflare connectors are now available for LDF5-50B, 7/8" HELIAX coaxial cable. RingFlare connectors feature fewer parts than standard conectors, with no compromise in electrical or mechanical performance. The RingFlare design simplifies the attachment process and shortens installation time.

- Installs in moments
- Fewer parts than standard connectors
- Low VSWR and IMD
- Waterproof mated and unmated
- Self-lubricating O-rings
- Interchangeable interfaces accommodate system design changes

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 484300 I EACH	Andrew Corporation L5BPNM-RC 10 Years	N-Male for LDF5-50B	Captivated	Silver Silver	49.00 0.65 0.3	37.73 35.04 32.34
NEW 448342 I EACH	Andrew Corporation L5BPNF-RC 10 Years	N-Female for LDF5-50B	Captivated	Silver Silver	49.00 0.65 0.3	37.73 35.04 32.34
NEW 411380 I EACH	Andrew Corporation L5BPDF-RC 10 Years	Din-Female for LDF5-50B	Captivated	Silver Silver	49.00 0.65 0.3	37.73 35.04 32.34
NEW 423374 I EACH	Andrew Corporation L5BPDM-RC 10 Years	Din-Male for LDF5-50B	Captivated	Silver Silver	49.00 0.65 0.3	37.73 35.04 32.34

7/8" Commscope Conn for CR50-1070PE

90011 38404 76797

These premium connectors for 7/8" Cell Reach cable are designed to provide the lowest VSWR and intermodulation levels in the industry. A unique coring tool is used during installation, greatly reducing connectorization time and ensuring optimum electrical contact. Other features include superior retention force, tarnish resistance, and waterproofing.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
90011 I EACH	CommScope, Inc. CR1070NM 10 Years	N Male	Hex head Captivated	Silver Gold	80.00 0.65 0.3	64.00 62.40 60.00
38404 I EACH	CommScope, Inc. CR1070NF 10 Years	N Female		Silver Gold	80.00 0.65 0.3	64.00 62.40 60.00
76797 I EACH	CommScope, Inc. CR1070DM 10 Years	7/16 DIN Male	Hex head Captivated	Silver Silver	80.00 0.65 0.3	64.00 62.40 60.00

7/8" Eupen O-Ring Connector for EC5-50

39281 77674 26067

64460

Premium waterproof connectors for 1/2" foam cables. Th erless two piece design simplifies installation and eliminat parts. Both the inner and outer contacts are silver plated tect from intermodulation and corrosion. Water migratio eliminated by the use of multiple O-rings. RTV sealant is required with O-ring design.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)
39281 I EACH	Eupen Cable USA NM50V-7/8 2 Years	N Male	Hex head Captivated	Silver Silver	96.00 0.65 0.3
77674 I EACH	Eupen Cable USA NF50V-7/8 2 Years	N Female	Captivated	Silver Silver	96.00 1 0.45
26067 I EACH	Eupen Cable USA 7/16M50V-7/8 2 Years	7/16 DIN Male	Captivated	Silver Silver	65.00 0.71 0.32
64460 I EACH	Eupen Cable USA 7/16F50V-7/8 2 Years	7/16 DIN Female	Captivated	Silver Silver	65.00 0.52 0.24

7/8" Eupen RTV Connector for EC5-50

92028 40421 53635

Premium waterproof connectors for 7/8" foam cables. The solderless, two-piece design fies installation and eliminates lost parts. Both the inner and outer contacts are silver pla protect from intermodulation and corrosion. Water migration is eliminated by injecting back body with an RTV sealant. Purchase sealant (sku 80607) and adapter (sku 29000) s ately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)
92028 I EACH	Eupen Cable USA NM50A-7/8 2 Years	N Male	Hex head	Silver Silver	88.00 0.65 0.3
40421 I EACH	Eupen Cable USA NF50A-7/8 2 Years	N Female	Captivated	Silver Silver	88.00 0.45 0.2
27587 I EACH	Eupen Cable USA EIA 7/8 A 7/8" 2 Years	7/8" EIA Flange	Captivated	Nickle/Chrome Silver	116.00 1.3 0.59
53635 I EACH	Eupen Cable USA 7/16F50A-7/8 2 Years	7/16 DIN Female	Captivated	Silver Silver	65.00 0.71 0.32
54993 I EACH	Eupen Cable USA 7/16M50A-7/8 2 Years	7/16 DIN Male	Captivated	Silver Silver	65.00 0.71 0.32

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COM Waterproof 7/8" Connectors

23669

10455

59568

97961

TERACOM connectors for copper corrugated cables are IP68 classified (water-pressure proof to 25 meters). No need for any external weatherproofing. Now TERACOM makes installation easy with a new one piece connector. Prep the cable using a TERACOM connector kit, slide the connector on the cable, tighten the center pin and the connector body and you are done. Nothing is simplier!

Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Teracom Components Inc. NF-F078-C0 10 Years	N Female	Captivated	Silver Silver	75.00 0.94 0.43	52.50 50.63 48.75
Teracom Components Inc. NM-F078-C0 10 Years	N Male	Captivated	Silver Silver	75.00 0.94 0.43	52.50 50.63 48.75
Teracom Components Inc. 716F-F078C0 10 Years	7/16 DIN Female	Captivated	Silver Silver	65.00 1 0.45	45.50 43.88 42.25
Teracom Components Inc. 716M-F078C0 10 Years	7/16 DIN Male	Captivated	Silver Silver	65.00 1 0.45	45.50 43.88 42.25

uber & Suhner Connectors LDF5-50A

28746

67139

52604

40709

Huber/Suhner Quick-Fit connectors offer a greatly simplified and economic approach to cable preparation and assembly. They meet the requirements of multicarrier, high-channel-count transceivers. Only two pieces, providing a four-minute, four-step assembly. Features a Sucoplate (tri-metallic plated) body and silver-plated contact pins.

Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Huber + Suhner 11 N-50-23-10 1 Year	N Male	Captivated	Sucoplate Silver	37.80 0.5 0.23	29.47 28.34 26.45
Huber + Suhner 21N-50-23-10/003E 1 Year	N Female	Captivated	Sucoplate Silver	37.05 0.5 0.23	28.88 27.77 25.92
Huber + Suhner 117165023-10/003E 1 Year	7/16 DIN Male	Captivated	Sucoplate Silver	36.15 0.5 0.23	28.19 27.10 25.30
Huber + Suhner 217165023-10/003E 1 Year	7/16 DIN Female	Captivated	Sucoplate Silver	36.15 0.5 0.23	28.19 27.10 25.30

Times Connectors for LMR1200

21422

53148

39934

59815

Times "EZ" style connectors for LMR-1200 have no-solder press-fit center contacts and a simple braid clamp design for >500 lb. retention force and ease of installation. Strip tool ST-900/1200 (sku 91086) enables quick and accurate cable preparation.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
21422 1 EACH	Times Microwave EZ-1200-NFC 5 Years	N Female	Press-in	Silver Silver	65.00 0.6 0.27	47.45 45.50 44.85
53148 1 EACH	Times Microwave EZ-1200-716MC 5 Years	7/16 DIN male, hex head	Press-in	Silver Silver	75.00 1 0.45	54.75 52.50 51.75
39934 1 EACH	Times Microwave EZ-1200-716FC 5 Years	7/16 DIN Female	Press-in	Silver Silver	80.00 0.59 0.27	58.40 56.00 55.20
59815 1 EACH	Times Microwave EZ-1200-NMC 5 Years	N Male, hex head	Press-in	Silver	65.00 0.4 0.18	47.45 45.50 44.85

7/8" Superflexible Connectors [420-43]

If you are buying these, you might need:

Wrenches ..... page 1579
Wire Wrap Tools ..... page 1610
Electrical Coatings ..... page 1702
Cable System Analyzers ..... page 1408

7/8" RFS Connectors for UCF78-50

63598

63602

63591

63551

Radio Frequency Systems connectors for UltraFlex cables can be easily attached in the field or installed by TESSCO'S expert technicians. They are desiged to providebresistance to pull-off and twist-off as well as provide excellent electrical contact. Connectors have silver plated brass bodies. Connectors are weatherproof, require no soldering or flaring and are easily field installed.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
63598 1 EACH	RFS Cablewave 736009 5 Years	7/16 Din Male	Spring Finger	Silver Plated Brass Gold	52.00 0.94 0.43	36.40 33.80 31.20
63602 1 EACH	RFS Cablewave 736010 5 Years	7/16 Din Female	Spring Finger	Silver Plated Brass Gold	52.00 0.94 0.43	36.40 33.80 31.20
63591 1 EACH	RFS Cablewave 736008 5 Years	N Female	Spring Finger	Silver Plated Brass Gold	52.00 0.94 0.43	36.40 33.80 31.20
63551 1 EACH	RFS Cablewave 736007 5 Years	N Male	Spring Finger	Silver Plated Brass Gold	52.00 0.94 0.43	36.40 33.80 31.20

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7/8" Andrew One-Piece Conn for VXL5-50

423134

418164

416125

431118

Andrew's OnePiece connectors for the new 7/8" VXL5-50 flexible feeder foam cable. The self-flaring design provides fast and reliable installation along with the benefits of low intermodulation and low VSWR. These connectors are completely waterproof mated or unmated and completely submerged in water. Exceeds IP66 and IP68 standards. Body and pin plating can differ depending on connector.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
423134 1 EACH	Andrew Corporation V5PDM-RPC 10 Years	7/16" Din Male for VXL5-50	Captivated	Silver Silver	54.10 0.65 0.3	41.66 38.69 35.71
418164 1 EACH	Andrew Corporation V5PDF-RPC 10 Years	7/16" Din Female for VXL5-50	Captivated	Silver Silver	54.10 0.65 0.3	41.66 38.69 35.71
416125 1 EACH	Andrew Corporation V5PNM-RPC 10 Years	N-Male for VXL5-50	Captivated	Silver Gold	54.10 0.65 0.3	41.66 38.69 35.71
431118 1 EACH	Andrew Corporation V5PNF-RPC 10 Years	N-Female for VXL5-50	Captivated	Silver Gold	54.10 0.65 0.3	41.66 38.69 35.71

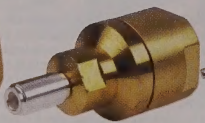
1-1/4" Foam Cable Connectors [420-44]

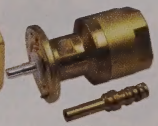
If you are buying these, you might need:

Wrenches . . . . . page 1579
Wire Wrap Tools . . . . . page 1610
Electrical Coatings . . . . . page 1702
Cable System Analyzers . . . . . page 1408

1-1/4" RFS Connectors for LCF114-50

91825


53432


24506

77362

40218

Radio Frequency Systems connectors for CELLFLEX cables can be easily attached in the field or installed by TESSCO's expert technicians. They are designed to provide resistance to pull-off and twist-off as well as provide excellent electrical contact. Standard connectors have brass bodies. Connectors are weatherproof.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
91825 1 EACH	RFS Cablewave 738882 5 Years	N Male	Threaded	Brass Silver	124.60 1.6 0.73	87.20 80.98 74.75
53432 1 EACH	RFS Cablewave 738883 5 Years	N Female	Threaded	Brass Silver	124.60 1.59 0.72	87.20 80.98 74.75
24506 1 EACH	RFS Cablewave 738880 5 Years	7/8" EIA Flange	Gas pass Threaded	Brass Brass	242.00 3 1.36	169.40 157.30 145.20
77362 1 EACH	RFS Cablewave 738881 5 Years	1 5/8" EIA Flange	Gas Barrier Threaded	Brass Brass	299.90 4 1.82	209.93 194.94 179.94

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)
40218 1 EACH	RFS Cablewave 738885 5 Years	Splice	Threaded	Brass Brass	228.00 2.4 1.09

Premium 1-1/4" RFS Connectors LCF114-50

58487

96880

10339

61946

Radio Frequency Systems premium connectors are the cho when intermodulation and noise are a factor. The plating m mizes conductivity which decreases the resistance to the fl RF signals. All connectors feature silver-plated bodies. The ty have gold-plated center pins, and the 7/16 DIN's have silver center pins.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)
58487 1 EACH	RFS Cablewave 734838 5 Years	N Male	Hex head Threaded	Silver Gold	168.50 1.6 0.73
96880 1 EACH	RFS Cablewave 734839 5 Years	N Female	Threaded	Silver Gold	168.50 1.6 0.73
10339 1 EACH	RFS Cablewave 734754 5 Years	7/16 DIN Female	Threaded	Silver Silver	154.50 1.6 0.73
61946 1 EACH	RFS Cablewave 734753 5 Years	7/16 DIN Male	Threaded	Silver Silver	154.50 1.6 0.73

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Andrew is your one source for complete antenna-to-radio RF subsystem solutions.
See Cable Prep Tools, page 1553

Premium Andrew 1-1/4" Conn for LDF6-50

454149

485127

418147

468145

424110

440107

497137

Premium connectors for Andrew 1-1/4" LDF6-50 foam c Features such as pre-set pin depths and self flaring mech ensure fast, accurate installation along with the benefits intermodulation and low VSWR. Designed to meet IP68 dards. Body and pin plating can differ depending on conn

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)
454149 1 EACH	Andrew Corporation L6PNF 10 Years	N Female	Captivated	Silver Gold	169.60 1.6 0.73

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roduct table (2 of 2)

Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Andrew Corporation L6PNM 10 Years	N Male	Captivated	Silver Gold	169.60 1.6 0.73	130.60 121.27 111.94
Andrew Corporation L6PDM 10 Years	Din Male	Captivated	Silver Silver	159.00 1.6 0.73	122.43 113.69 104.94
Andrew Corporation L6PDF 10 Years	Din Female	Captivated	Silver Silver	233.20 1.6 0.73	179.57 166.74 153.92
Andrew Corporation L6PDM-RC 10 Years	Din Male Ring Flare	Captivated	Silver Silver	154.50 1.6 0.73	118.97 110.47 101.97
Andrew Corporation L6PDF-RC 10 Years	Din Female Ring Flare	Captivated	Silver Silver	160.50 1.6 0.73	123.59 114.76 105.93
Andrew Corporation L6PNF-RC 10 Years	N Female Ring Flare	Captivated	Silver Gold	160.50 1.6 0.73	123.59 114.76 105.93
Andrew Corporation L46S 10 Years	7/8" EIA Flange	Self-Tapping	Brass Brass	242.00 1.6 0.73	186.34 173.03 159.72

Andrew One Piece Conn for LDF6-50

91141 486155 412155

OnePiece connectors for 1-1/4" LDF6-50 foam cable. The self-flaring design provides eliable installation along with the benefits of low intermodulation and low VSWR. nnectors are completely waterproof mated or unmated and completely submerged in ceeds IP66 and IP68 standards. Body and pin plating can differ depending on connec-

Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Andrew Corporation L6PNM-RPC 10 Years	N Male One Piece	Captivated	Silver Gold	168.50 1.23 0.56	129.75 120.48 111.21
Andrew Corporation L6PNF-RPC 10 Years	N Female One Piece	Captivated	Silver Gold	168.50 1.6 0.73	129.75 120.48 111.21
Andrew Corporation L6PDM-RPC 10 Years	Din Male One Piece	Captivated	Silver Silver	168.50 1.6 0.73	129.75 120.48 111.21

1-1/4" Andrew One Piece Conn for VXL6-50

469104 438195 463123

490183

Andrew's OnePiece connectors for the new 1-1/4" VXL6-50 flexible feeder foam cable. The self-flaring design provides fast and reliable installation along with the benefits of low intermodulation and low VSWR. These connectors are completely waterproof mated or unmated and completely submerged in water. Exceeds IP66 and IP68 standards. Body and pin plating can differ depending on connector.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
469104 1 EACH	Andrew Corporation V6PNM-RPC 10 Years	N-Male One Piece for SuperFlex	Captivated	Silver Gold	168.50 1.6 0.73	129.75 120.48 111.21
438195 1 EACH	Andrew Corporation V6PNF-RPC 10 Years	N-Female One Piece for Super-Flex	Captivated	Silver Gold	168.50 1.6 0.73	129.75 120.48 111.21
463123 1 EACH	Andrew Corporation V6PDM-RPC 10 Years	Din Male One Piece for Super-Flex	Captivated	Silver Silver	168.50 1.6 0.73	129.75 120.48 111.21
490183 1 EACH	Andrew Corporation V6PDF-RPC 10 Years	Din Female One Piece for Super-Flex	Captivated	Silver Silver	168.50 1.6 0.73	129.75 120.48 111.21

1-1/4" Eupen Connectors for EC6-50

80172 28565 65980

Premium waterproof connectors for 1-1/4" foam cables. The solderless, three-piece design simplifies installs and eliminates lost parts. Both the inner and outer contacts are silver plated to protect from intermodulation and corrosion. Water migration is eliminated by injecting the back body with an RTV sealant. Purchase sealant (sku 80607) and adapter (sku 29000) separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
51868 1 EACH	Eupen Cable USA NF50B-114 2 Years	N Female for smooth wall center conductors.	For Andrew Captivated	Silver Silver	155.00 1.68 0.76	116.25 108.50 105.40
80172 1 EACH	Eupen Cable USA NM50B-114 2 Years	N Male for smooth wall center conductors.	For Andrew Captivated	Silver Silver	155.00 2 0.91	116.25 108.50 105.40
28565 1 EACH	Eupen Cable USA 7/16M50B-114 2 Years	7/16 DIN Male for smooth wall cneter conductors.	For Andrew Captivated	Silver Silver	220.00 1.75 0.8	165.00 154.00 149.60
65980 1 EACH	Eupen Cable USA EIA 7/8 A 1 1/4" 2 Years	7/8" EIA Flange for smooth wall center conductors.	For Andrew Captivated	Nickle/Chrome Silver	220.00 3 1.36	165.00 154.00 149.60

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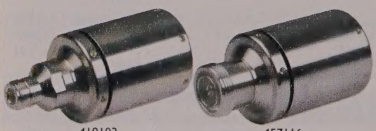
1-1/4" Eupen O-Ring Conn for EC6-50

51246 38032 89639

Premium waterproof connectors for 1/2" foam cables. The solderless two piece design simplifies installation and eliminates lost parts. Both the inner and outer contacts are silver plated to protect from intermodulation and corrosion. Water migration is eliminated by the use of multiple O-rings. Universal fit....includes pins for smooth & spiral center conductors.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
12853 1 EACH	Eupen Cable USA NM50V-114 2 Years	N Male, universal fit connector.	Captivated	Silver Silver	155.00 1.12 0.51	116.25 108.50 105.40
51246 1 EACH	Eupen Cable USA NF50V-114 2 Years	N Female, universal fit connector.	Captivated	Silver Silver	155.00 2 0.91	116.25 108.50 105.40
38032 1 EACH	Eupen Cable USA 7/16F50V-114 2 Years	7/16 DIN Female, universal fit connector	Captivated	Silver Silver	225.00 1.75 0.8	168.75 157.50 153.00
89639 1 EACH	Eupen Cable USA 7/16M50V-114 2 Years	7/16 DIN Male, universal fit connector.	Captivated	Silver Silver	220.00 2 0.91	165.00 154.00 149.60

TERACOM Waterproof 1 1/4" Connectors

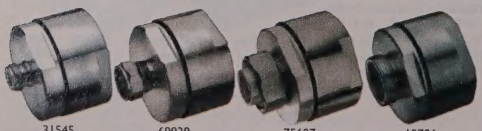


419103 457116

TERACOM connectors for copper corrugated cables are IP68 classified (water-pressure proof to 25 meters). No need for any external weatherproofing. Auto-flaring, with high quality O-rings against outer conductor and cable jacket ensure functional integrity. Designed to maintain high pressure on contact surfaces to reduce intermodulation products.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
444126 1 EACH	Teracom Components Inc. 716M-F114-AD00 10 Years	7/16 DIN Male	Captivated	Silver Silver	220.00 1.6 0.73	154.00 148.50 143.00
419103 1 EACH	Teracom Components Inc. 00NF-F114-AD00 10 Years	N Female	Captivated	Silver Silver	220.00 1.6 0.73	154.00 148.50 143.00
457116 1 EACH	Teracom Components Inc. 716F-F114-AD00 10 Years	7/16 DIN Female	Captivated	Silver Silver	220.00 1.6 0.73	154.00 148.50 143.00
493161 1 EACH	Teracom Components Inc. 00NM-F114-AD00 10 Years	N Male	Captivated	Silver Silver	220.00 1.6 0.73	154.00 148.50 143.00

Times Connectors for LMR1700



31545 69938 75607 10786

Times "EZ" style connectors for LMR-1700 have no-solder press-fit center contacts and a simple braid clamp for >500 lb retention force and ease of installation. Strip tool ST-1700 (sku 69074) enables quick and accurate cable preparation.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
31545 1 EACH	Times Microwave EZ-1700-NFC 5 Years	N Female	Press-in	Silver Silver	110.00 1.1 0.5	80.30 77.00 75.90
69938 1 EACH	Times Microwave EZ-1700-NMC 5 Years	N Male, Hex Head	Press-in	Silver Silver	110.00 1.1 0.5	80.30 77.00 75.90

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)
75607 1 EACH	Times Microwave EZ-1700-716MC 5 Years	7/16 DIN Male, Hex Head	Press-in	Silver Silver	150.00 1.1 0.5
10786 1 EACH	Times Microwave EZ-1700-716FC 5 Years	7/16 DIN Female	Press-in	Silver Silver	150.00 1.1 0.5

1-5/8" Foam Cable Connectors [420-46]

If you are buying these, you might need:

Wrenches . . . . . page
Wire Wrap Tools . . . . . page
Electrical Coatings . . . . . page
Cable System Analyzers . . . . . page

1-5/8" RFS Connectors for LCF158-50

45938 97545 90051

51658 38444

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for CELLFLEX cables can be e
attached in the field or installe
TESSCO's expert technicians.
are designed to provide resista
pull-off and twist-off as well as
excellent electrical contact. Sta
connectors have brass bodies.
nectors are weatherproof.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)
45938 1 EACH	RFS Cablewave 738850 5 Years	N Male	Threaded	Brass Silver	216.00 2.55 1.16
97545 1 EACH	RFS Cablewave 738851 5 Years	N Female	Threaded	Brass Silver	216.00 2.49 1.13
90051 1 EACH	RFS Cablewave 738854 5 Years	7/8" EIA Flange	Gas pass Threaded	Brass Brass	346.50 3 1.36
51658 1 EACH	RFS Cablewave 738853 5 Years	1-5/8 EIA Flange	Gas Barrier Threaded	Brass Silver	294.80 3.96 1.8
38444 1 EACH	RFS Cablewave 738855 5 Years	Splice	Threaded	Brass Brass	346.80 2 0.91

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m 1-5/8" RFS Connectors LCF158-50

quency Systems premium connectors are the choice when intermodulation and noise or. The plating maximizes conductivity which decreases the resistance to the flow of . Connectors feature silver-plated brass bodies. The center pins are gold-plated for nd silver-plated for 7/16 DIN's.

Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
RFS Cablewave 734840 5 Years	N Male	Hex head Threaded	Silver Gold	238.10 2.63 1.2	166.67 154.77 142.86
RFS Cablewave 15576170 5 Years	1 piece N Female	Hex head Spring Finger	Silver Silver	238.10 2.63 1.2	166.67 154.77 142.86
RFS Cablewave 738863 5 Years	N Female	Threaded	Silver Gold	238.10 2.15 0.98	166.67 154.77 142.86
RFS Cablewave 734755 5 Years	7/16 DIN Male	Threaded	Silver Silver	226.80 2.55 1.16	158.76 147.42 136.08
RFS Cablewave 734756 5 Years	7/16 DIN Female	Threaded	Silver Silver	226.80 2.26 1.03	158.76 147.42 136.08
RFS Cablewave 15575570 5 Years	1 piece 7/16 DIN Female	Hex head Spring Finger	Silver Silver	238.10 2.63 1.2	166.67 154.77 142.86

ndrew RingFlare Conn for LDF7-50

Standard connectors for Andrew LDF7-50A 1-5/8" foam cable. Features such as pre-set pin depths and self flaring mechanisms ensure fast, accurate installation along with the benefits of low intermodulation and low VSWR. Designed to meet IP68 standards. Body and pin plating can differ depending on connector.

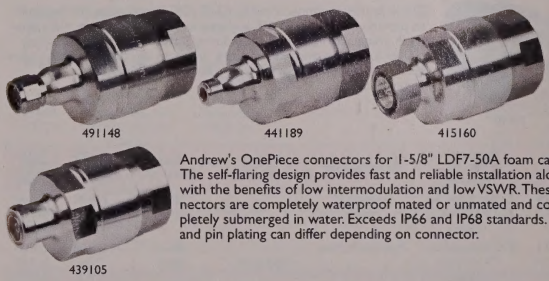
6120
oduct table (1 of 2)

Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Andrew Corporation L47S 10 Years	7/8" EIA Flange	Tab-Flare	Brass Brass	346.50 2.63 1.2	266.81 247.75 228.69

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
480161 1 EACH	Andrew Corporation L7PDF-RC 10 Years	7/16 DIN Female	Captivated	Silver Silver	226.80 1.64 0.75	174.64 162.17 149.69
491134 1 EACH	Andrew Corporation L47R 10 Years	1-5/8 EIA Flange	Tab-Flare	Brass Brass	294.80 2.63 1.2	227.00 210.79 194.57
493194 1 EACH	Andrew Corporation L47F 10 Years	F Flange Male	Tab-Flare	Brass Brass	319.00 2.63 1.2	245.63 228.09 210.54
436158 1 EACH	Andrew Corporation L7PNF 10 Years	N Female	Captivated	Silver Silver	286.20 2.63 1.2	220.38 204.64 188.90
454155 1 EACH	Andrew Corporation L7PDM 10 Years	7/16 DIN Male	Captivated	Silver Silver	286.20 2.63 1.2	220.38 204.64 188.90
472186 1 EACH	Andrew Corporation L7PNM 10 Years	N Male	Captivated	Silver Silver	286.20 2.63 1.2	220.38 204.64 188.90
486185 1 EACH	Andrew Corporation L7PDF 10 Years	7/16 DIN Female	Captivated	Silver Silver	286.20 2.63 1.2	220.38 204.64 188.90
466128 1 EACH	Andrew Corporation L7PNF-RC 10 Years	N Female	Ring Flare Captivated	Silver Gold	226.80 2.63 1.2	174.64 162.17 149.69
NEW 466120 1 EACH	Andrew Corporation L47Z 10 Years	Splice	Tab Flare	Brass Brass	381.40 0.8 0.36	272.71 251.73 230.75

1-5/8" Andrew One Piece Conn for LDF7-50



Andrew's OnePiece connectors for 1-5/8" LDF7-50A foam cable. The self-flaring design provides fast and reliable installation along with the benefits of low intermodulation and low VSWR. These connectors are completely waterproof mated or unmated and completely submerged in water. Exceeds IP66 and IP68 standards. Body and pin plating can differ depending on connector.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
491148 1 EACH	Andrew Corporation L7PNM-RPC 10 Years	N Male	Captivated	Silver Silver	238.10 2.63 1.2	183.34 170.25 157.15
441189 1 EACH	Andrew Corporation L7PNF-RPC 10 Years	N Female	Captivated	Silver Gold	238.10 1.75 0.8	183.34 170.25 157.15
415160 1 EACH	Andrew Corporation L7PDM-RPC 10 Years	7/16 DIN Male	Captivated	Silver Silver	238.10 2.63 1.2	183.34 170.25 157.15
439105 1 EACH	Andrew Corporation L7PDF-RPC 10 Years	7/16 DIN Female	Captivated	Silver Silver	238.10 1.6 0.73	183.34 170.25 157.15

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1-5/8" Andrew One Piece Conn for VXL7-50

499114 491106 421124

431113

Andrew's OnePiece connectors for the new 1-5/8" VXL7-50 flexible feeder foam cable. The self-flaring design provides fast and reliable installation along with the benefits of low intermodulation and low VSWR. These connectors are completely waterproof mated or unmated and completely submerged in water. Exceeds IP66 and IP68 standards. Body and pin plating can differ depending on connector.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
499114 1 EACH	Andrew Corporation V7PNM-RPC 10 Years	N Male	Captivated	Silver Gold	238.10 1.65 0.75	183.34 170.25 157.15
491106 1 EACH	Andrew Corporation V7PNF-RPC 10 Years	N Female	Captivated	Silver Gold	238.10 2.63 1.2	183.34 170.25 157.15
421124 1 EACH	Andrew Corporation V7PDM-RPC 10 Years	7/16 DIN Male	Captivated	Silver Silver	238.10 2.63 1.2	183.34 170.25 157.15
431113 1 EACH	Andrew Corporation V7PDF-RPC 10 Years	7/16 DIN Female	Captivated	Silver Silver	238.10 2.63 1.2	183.34 170.25 157.15

1-5/8" Commscope Conn for CR50-1873PE

79190

These premium connectors for 1 5/8" Cell Reach cable are designed to provide the lowest VSWR and intermodulation levels in the industry. A unique coring tool is used during installation, greatly reducing connectorization time and ensuring optimum electrical contact. Other features include superior retention force, tarnish resistance, and waterproofing.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
79190 1 EACH	CommScope, Inc. CR1873NF 10 Years	Premium N Female		Silver Silver	270.00 2.55 1.16	216.00 210.60 202.50
70111 1 EACH	CommScope, Inc. CR1873NM 10 Years	Premium N Male	Captivated	Silver Silver	270.00 2.36 1.07	216.00 210.60 202.50

1-5/8" Eupen RTV Connector for EC7-50

Premium waterproof connectors for 1-5/8" foam cables. The solderless, three-piece design simplifies installs and eliminates lost parts. Both the inner and outer contacts are silver plated to protect from intermodulation and corrosion. Water migration is eliminated by injecting the back body with an RTV sealant. Purchase sealant (sku 80607) and adapter (sku 29000) separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
13993 1 EACH	Eupen Cable USA NF50A-158 2 Years	N Female	Threaded	Silver Silver	270.00 2 0.91	202.50 189.00 183.60
66958 1 EACH	Eupen Cable USA NM50A-158 2 Years	N Male	Threaded	Silver Silver	270.00 2.6 1.18	202.50 189.00 183.60
91159 1 EACH	Eupen Cable USA EIA 1 5/8 A 1 5/8 2 Years	1-5/8 EIA Flange	Captivated	Nickle/Chrome Silver	415.00 4 1.82	311.25 290.50 282.20

1-5/8" Eupen O-Ring Connector for EC7-50

24818 11604 63211

Premium waterproof connectors for 1 5/8" foam cables. The solderless two piece desig plifies installation and eliminates lost parts. Both the inner and outer contacts are silver to protect from intermodulation and corrosion. Water migration is eliminated by the u multiple O-rings. RTV sealant is not required with O-ring design.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)
24818 1 EACH	Eupen Cable USA NF50V-158 2 Years	N Female	Threaded	Silver Silver	270.00 1.8 0.82
76425 1 EACH	Eupen Cable USA NM50V-158 2 Years	N Male	Threaded	Silver Silver	270.00 2.6 1.18
11604 1 EACH	Eupen Cable USA 7/16F50V-158 2 Years	7/16 DIN Female	Threaded	Silver Silver	270.00 1.95 0.89
63211 1 EACH	Eupen Cable USA 7/16M50V-158 2 Years	7/16 DIN Male	Threaded	Silver Silver	270.00 4 1.82

1-5/8" Teracom Waterproof Connectors

21407 21404 21403

TERACOM connectors for copper corrugated cables are IP68 classified (water-pressur to 25 meters). No need for any external weatherproofing. Auto-flaring, with high quality rings against outer conductor and cable jacket ensure funtional integrity. Designed to m high pressure on contact surfaces to reduce intermodulation products.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)
432082 1 EACH	Teracom Components Inc. NKC-84 63 78 10 Years	N Female	Fits Andrew cable Captivated	Silver Silver	270.00 3 1.36
21407 1 EACH	Teracom Components Inc. 00NF-F158-AC00 10 Years	N Female	Cable-wave,Eupen,NK Captivated	Silver Silver	265.00 3 1.36
21404 1 EACH	Teracom Components Inc. 716M-F158-AD00 10 Years	7/16 DIN Male	Cable-wave,Eupen,NK	Silver Silver	245.40 3 1.36
21403 1 EACH	Teracom Components Inc. 716F-F158-AD00 10 Years	7/16 DIN Female	Cable-wave,Eupen,NK	Silver Silver	290.00 3 1.36

2-1/4" RFS Connectors for LCF214-50

64926

Radio Frequency Systems premium connectors are the choice intermodulation and noise are a factor. The plating maximizes tivity which decreases the resistance to the flow of RF signals. nectors feature silver plated inner contacts and silver-plated b

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)
64926 1 EACH	RFS Cablewave 734948 5 Years	7/16 DIN Male	Threaded	Silver Silver	445.20 2 0.91
10241 1 EACH	RFS Cablewave 734950 5 Years	N Male	Threaded	Silver Silver	402.80 2 0.91

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oduct table (2 of 2)

Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
RFS Cablewave 734947 5 Years	7/16 DIN Female	Threaded	Silver Silver	445.20 2 0.91	311.64 289.38 267.12
RFS Cablewave 734949 5 Years	N Female	Threaded	Silver Silver	402.80 2 0.91	281.96 261.82 241.68

ndrew Connectors for LDF12-50

Standard connectors for Andrew LDF12-50 2-1/4" foam cable. Features such as pre-set pin depths and self flaring mechanisms ensure fast, accurate installation along with the benefits of low intermodulation and low VSWR. Designed to meet IP68 standards. Body and pin plating can differ depending on connector.

Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Andrew Corporation L12PDM 10 Years	7/16 DIN Male	Self-Tapping	Silver Silver	445.20 2.6 1.18	342.81 318.32 293.84
Andrew Corporation L12PNF 10 Years	N Female		Silver	402.80 2.6 1.18	310.16 288.01 265.85
Andrew Corporation L12PDF 10 Years	7/16 DIN Female	Self-Tapping	Silver Silver	445.20 2.6 1.18	342.81 318.32 293.84

upen RTV Connectors for EC12-50

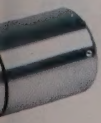
18029

460088

Premium waterproof connectors for 2 1/4" foam cables. The solderless, three-piece design simplifies installs and eliminates lost parts. Both the inner and outer contacts are silver plated to protect from intermodulation and corrosion. Water migration is eliminated by injecting the back body with an RTV sealant. Purchase sealant (sku 80607) and adapter separately.

Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Eupen Cable USA A-501 2 Years	7/16 DIN Female	Threaded	Silver Silver	420.00 2.6 1.18	315.00 294.00 285.60
Eupen Cable USA 7454 2 Years	N Female	Threaded	Silver Silver	380.00 2.6 1.18	285.00 266.00 258.40
Eupen Cable USA 7455 2 Years	N Male	Threaded	Silver Silver	380.00 2.6 1.18	285.00 266.00 258.40
Eupen Cable USA 7534 2 Years	7/16 DIN Male	Threaded	Silver Silver	420.00 2.6 1.18	315.00 294.00 285.60

eracom Foam Connectors



5779

TERACOM connectors for copper corrugated cables are IP68 classified (water-pressure proof to 25 meters). No need for any external weatherproofing. Auto-flaring, with high quality O-rings against outer conductor and cable jacket ensure funtional integrity. Designed to maintain high pressure on contact surfaces to reduce intermodulation products.

Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
eracom Components Inc. 716M-F214-AB00 10 Years	7/16 DIN Male	Captivated	Silver Silver	325.00 3 1.36	227.50 219.38 211.25

Splices-Inter Cable [420-47]

If you are buying these, you might need:

Cable Prep Tools . . . . . page 1553

TranSplice Connectors

36044

TransSplice connectors allow the connection of a jumper to the feed line and eliminates a connector. It essentially splices two different sized CommScope cables, reducing loss and intermod. Saves time and money.

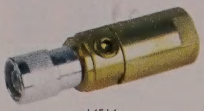
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	Cable Dia	Jumper Dia	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
39850 1 EACH	CommScope, Inc. CR1070396TS 10 Years	Connector, No Backnut	7/8"	3/8"	75.00 0.9 0.41	60.00 58.50 56.25
39874 1 EACH	CommScope, Inc. CR1070396TSBN 10 Years	Connector, W/ Backnut	7/8"	3/8"	90.00 0.9 0.41	72.00 70.20 67.50
39848 1 EACH	CommScope, Inc. CR1070540TS 10 Years	Connector, No Backnut	7/8"	1/2"	75.00 0.9 0.41	60.00 58.50 56.25
39871 1 EACH	CommScope, Inc. CR1070540TSBN 10 Years	Connector, W/ Backnut	7/8"	1/2"	90.00 0.9 0.41	72.00 70.20 67.50
39832 1 EACH	CommScope, Inc. CR1873396TS 10 Years	Connector, No Backnut	1-5/8"	3/8"	245.00 2.7 1.23	196.00 191.10 183.75
39865 1 EACH	CommScope, Inc. CR1873396TSBN 10 Years	Connector, W/ Backnut	1-5/8"	3/8"	260.00 2.7 1.23	208.00 202.80 195.00
39822 1 EACH	CommScope, Inc. CR18731070TS 10 Years	Connector, No Backnut	1-5/8"	7/8"	320.00 2.7 1.23	256.00 249.60 240.00
39860 1 EACH	CommScope, Inc. CR18731070TSBN 10 Years	Connector, W/ Backnut	1-5/8"	7/8"	335.00 0.9 0.41	268.00 261.30 251.25
36044 1 EACH	CommScope, Inc. CR1873540TS 10 Years	Connector, No Backnut	1-5/8"	1/2"	245.00 3.05 1.39	196.00 191.10 183.75
39863 1 EACH	CommScope, Inc. CR1873540TSBN 10 Years	Connector, W/ Backnut	1-5/8"	1/2"	260.00 2.7 1.23	208.00 202.80 195.00
39883 1 EACH	CommScope, Inc. CR540TSBN 10 Years	Backnut Only	n/a	1/2"	15.00 0.3 0.14	12.00 11.70 11.25
39879 1 EACH	CommScope, Inc. CR1070TSBN 10 Years	Backnut Only	n/a	7/8"	15.00 0.3 0.14	12.00 11.70 11.25

Air Cable Connectors [420-48]

If you are buying these, you may need:

Power Meters . . . . . page 1419
Cable System Analyzers. . . . . page 1408

1/2" RFS Connectors for 1/2" Air Cable



14514

These connectors are designed to attach to Radio Frequency Systems 1/2" air dielectric cable. All connectors have ports provided for attachment of a dehydrator line. Connectors can be used on both standard and plenum rated cable.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
14514 1 EACH	RFS Cablewave 738200 5 Years	N Male	Basket	Brass Silver	115.00 0.5 0.23	92.00 86.25 80.50

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1/2" Andrew Connectors for HJ4-50

414103

Andrew Air connectors are the only connectors completely compatible with Heliax cable. Used together they provide you with a transmission line system that ensures outstanding electrical and mechanical performance.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
414103 1 EACH	Andrew Corporation H4PNM 10 Years	N Male	Solder	Silver Gold	115.00 0.5 0.23	105.80 103.50 101.20

1-5/8" RFS Conn for HCA78 & HCC78

23257

39693

Radio Frequency Systems connectors for CELLFLEX cables can be easily attached in the field or installed by TESSCO'S expert technicians. They are designed to provide resistance to pull-off and twist-off as well as provide excellent electrical contact. Standard connectors are brass bodies. Connectors are weatherproof, require no soldering or flaring and are easily field installed.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
54880 1 EACH	RFS Cablewave 738225 5 Years	N Male	Threaded	Brass Silver	119.00 1 0.45	95.20 89.25 83.30
58671 1 EACH	RFS Cablewave 738247 5 Years	Premium N male	Threaded	Silver Gold	125.00 0.86 0.39	100.00 93.75 87.50
23257 1 EACH	RFS Cablewave 738226 5 Years	N Female	Threaded	Brass Silver	119.00 0.8 0.36	95.20 89.25 83.30
39693 1 EACH	RFS Cablewave 738230 5 Years	7/8 EIA Flange	Gas pass Threaded	Brass Silver	132.00 0.5 0.23	105.60 99.00 92.40
91300 1 EACH	RFS Cablewave 738229 5 Years	7/8 EIA Flange	Gas barrier Threaded	Brass Silver	195.00 2 0.91	156.00 146.25 136.50

7/8" Andrew Connectors for HJ5-50

417171

427122

437157

Andrew Air connectors are the only connectors completely compatible with Heliax cable. Used together they provide you with a transmission line system that ensures outstanding electrical and mechanical performance.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
416134 1 EACH	Andrew Corporation 75AR 10 Years	7/8 EIA Flange	Self-tapping	Brass Brass	132.00 1 0.45	121.44 118.80 116.16
NEW 417171 1 EACH	Andrew Corporation H5PNF 10 Years	N Female	Self Tapping	Silver Gold	119.00 0.7 0.32	109.48 107.10 104.72
427122 1 EACH	Andrew Corporation H5PNM 10 Years	N Male	Self Tapping	Silver Gold	119.00 1 0.45	109.48 107.10 104.72
485182 1 EACH	Andrew Corporation H5MB-014 10 Years	7/8 EIA Flange	Self Tapping	Brass Brass	195.00 1 0.45	179.40 175.50 171.60

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)
NEW 437157 1 EACH	Andrew Corporation H5PDF 10 Years	7/16" Din Female	Spring Finger	Silver Silver	129.00 1 0.45

1-5/8" RFS Conn for HCC158 & HCAT158

42915

33973

85580

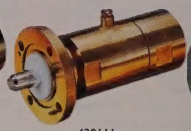
84331

Radio Frequency Systems connectors for CELLFLEX cables easily attached in the field or installed by TESSCO'S expert cians. They are designed to provide resistance to pull-off an off as well as provide excellent electrical contact. Standard tors are brass bodies. Connectors are weatherproof, requir soldering or flaring and are easily field installed.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)
42915 1 EACH	RFS Cablewave 738301 5 Years	N Female	Threaded	Brass Silver	240.00 4 1.82
NEW 462176 1 EACH	RFS Cablewave 734878 5 Years	7/16 Din Female	Threaded	Silver Silver	315.00 4 1.82
85743 1 EACH	RFS Cablewave 738304 5 Years	7/8 EIA Flange	Gas barrier Threaded	Brass Silver	355.00 4 1.82
33973 1 EACH	RFS Cablewave 738314 5 Years	1-5/8 EIA Flange	Gas pass Threaded	Brass Silver	268.00 4 1.82
85580 1 EACH	RFS Cablewave 738303 5 Years	1-5/8 EIA Flange	Gas barrier Threaded	Brass Silver	309.00 5 2.27
84331 1 EACH	RFS Cablewave 738305 5 Years	Splice	Threaded	Brass Brass	390.00 2.3 1.05

1-5/8" Andrew Connectors for HJ7-50

426145



430111

470146

489151

Andrew Air connectors are the only connectors compl compatible with Heliax cable. Used together they provid with a transmission line system that ensures outstandin trical and mechanical performance.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)
426145 1 EACH	Andrew Corporation H7MP-014 10 Years	7/8 EIA Flange	Tab Flare	Brass Silver	309.00 4 1.82
430111 1 EACH	Andrew Corporation 87G 10 Years	1-5/8 EIA Flange	Tab Flare	Brass Silver	309.00 4 1.82
440162 1 EACH	Andrew Corporation 87R 10 Years	1-5/8 EIA Flange	Tab Flare	Brass Silver	268.00 4 1.82
446126 1 EACH	Andrew Corporation H7NM-T 10 Years	N Male	Tab Flare	Brass Brass	620.00 4 1.82

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product table (2 of 2)

Manufacturer Mfg. P/N Warranty	Connector Type	Notes Center Conductor	Body Center Pin	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Andrew Corporation H7PNF 10 Years	N Male	Tab Flare	Silver Gold	297.00 4 1.82	273.24 267.30 261.36
Andrew Corporation H7MB-014 10 Years	7/8 EIA Flange	Tab Flare	Brass Silver	355.00 4 1.82	326.60 319.50 312.40

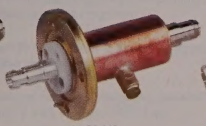
Transmission Line Adapters [420-51]

you are buying these, you might need:

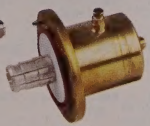
enches. . . . . page 1579

ange Adapters

81759



33448



31475

Manufacturer Mfg. P/N Warranty	Connector Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
RFS Cablewave 920241 1 Year	7/8" EIA Flange to N Female Adapter	110.00 0.85 0.39	77.00 74.25 71.74
RFS Cablewave 920242 1 Year	1-5/8" EIA Flange to N Female Adapter	195.00 2.36 1.07	136.50 131.63 127.18
RFS Cablewave 920243 1 Year	3-1/8" EIA Flange to N Female adapter	310.00 6.76 3.07	217.00 209.25 202.18

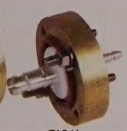
Elbows

48626

Manufacturer Mfg. P/N Warranty	Connector Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
RFS Cablewave 920225 1 Year	7/8" EIA mitre elbow. Male to female.	123.00 2 0.91	86.10 83.03 80.22
RFS Cablewave 920226 1 Year	1-5/8" EIA mitre elbow. Male to female.	177.00 3.4 1.55	123.90 119.48 115.44

rs

54817



71841

Manufacturer Mfg. P/N Warranty	Connector Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
RFS Cablewave 920249 1 Year	1-5/8" to 7/8" Taper Reducer	127.00 2.34 1.06	90.17 86.60 86.60
RFS Cablewave 920247 1 Year	1-5/8" to 7/8" EIA plate reducer	200.00 0.7 0.32	140.00 135.00 130.44
RFS Cablewave 920248 1 Year	3 1/8" to 1 5/8" EIA plate reducer	242.00 6 2.73	169.40 163.35 157.83

Connector Pins and Parts [420-70]

If you are buying these, you might need:

Knives and Scrapers . . . . . page 1561
Cleaner/Degreasers. . . . . page 1696
Solvents . . . . . page 1701

Connector Reattachment Kits

29167

Reattachment kits furnish all the parts necessary to re-install connectors on corrugated cables. They typically include gaskets, O rings, etc. that are destroyed upon removal of the connector from existing cable. The kits usually do not include the flange gasket.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
74339 1 EACH	RFS Cablewave 914778 1 Year	Connector reattachment kit for 1/2" LCF foam cable. Not for use with splice connector.	12.00 0.1 0.05	8.52 7.92 7.32
29167 1 EACH	RFS Cablewave 915084 1 Year	Connector reattachment kit for 7/8" LCF foam cable. Not for use with splice connector.	15.00 0.1 0.05	10.65 9.90 9.15
NEW **456173** 1 EACH	Andrew Corporation 34767A-38 1 Year	Reattachment kit for Andrew 3/8" Cable.	8.00 1 0.45	5.80 5.40 5.00
NEW **495147** 1 EACH	Andrew Corporation 34767A-27 1 Year	Reattachment kit for Andrew 1/2" Cable.	12.00 1 0.45	8.70 8.10 7.50
NEW **440176** 1 EACH	Andrew Corporation 34767A-39 1 Year	Reattachment kit for Andrew 1/2"Superflex Cable.	10.00 1 0.45	7.25 6.75 6.25
423174 1 EACH	Andrew Corporation 34767A-28 1 Year	Reattachment kit for Andrew 7/8" Cable.	15.00 1 0.45	10.88 10.13 9.38
417197 1 EACH	Andrew Corporation 34767A-43 1 Year	Reattachment kit for Andrew 1-1/4" Cable.	20.00 1 0.45	14.50 13.50 12.50
448182 1 EACH	Andrew Corporation 34767A-35 1 Year	Reattachment kit for Andrew 1-5/8" Cable.	22.00 1 0.45	15.95 14.85 13.75

Replacement Universal Fit Contacts

11392

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
62999 1 EACH	Eupen Cable USA W1625-PIN 1 Year	1-5/8" center contact	28.90 0.12 0.05	21.66 20.94 20.22
36571 1 EACH	Eupen Cable USA W1250PIN-SP 1 Year	1-1/4" spiral center contact	23.35 1 0.45	17.52 16.93 16.35
11392 1 EACH	Eupen Cable USA W1250PIN-SM 1 Year	1-1/4" smooth center contact	23.75 1 0.45	17.80 17.21 16.62

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Replacement Center Pins

480064

45876

73553

86767

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
480064 1 EACH	RFS Cablewave 614241 1 Year	Center Pin and contact for the N female connector (734747).	30.70 0.1 0.05	21.80 20.27 18.73
60608 1 EACH	RFS Cablewave 624141 1 Year	Center Pin and contact for the N female connector (810921-001).	28.00 0.1 0.05	19.88 18.48 17.08
45876 10 PACK	Times Microwave PIN-400-NMH 1 Year	Center Pin for TC400-NMH, N male connector for LMR400 cable. Pack of ten.	26.00 0.1 0.05	18.98 18.20 17.94
73553 10 PACK	Times Microwave PIN-400-NMH-PL 1 Year	Center Pin for TC400-NMH-PL, N male connector for LMR400 plenum rated cable. Pack of ten.	26.00 0.1 0.05	18.98 18.20 17.94
86767 10 PACK	Times Microwave PIN-600-NMH 1 Year	Center Pin for TC600-NMH, N male connector for LMR600 cable. Pack of ten.	26.00 0.1 0.05	18.98 18.20 17.94
35160 10 PACK	Times Microwave PIN-600-NMH-PL 1 Year	Center Pin for TC600-NMH-PL, N male connector for LMR600 plenum rated cable. Pack of ten.	26.00 0.1 0.05	18.98 18.20 17.94

Andrew Connector PIN-PAKS

455176

Andrew PIN-PAK pin replacement kit for 1/4" thru 1-5/8" connectors. Each connector center pins individually packaged in sets. Each pin can be easily separated from the set. For 7/8" or smaller comes with (5) pins and 1-1/4" and 1-5/8" comes with (2) pins.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 432190 1 EACH	Andrew Corporation 242075-3 1 Year	Replacement Pin Kit for F2NM/F2NM-H	20.00 1 0.45	15.40 14.30 13.20
NEW 419150 1 EACH	Andrew Corporation 242075-4 1 Year	Replacement Pin Kit for F2PNM/F2PNM-H	25.00 1 0.45	19.25 17.88 16.50
NEW 455176 1 EACH	Andrew Corporation 241455-4 1 Year	Replacement Pin Kit for F4PNM, F4PNM-H	50.00 1 0.45	38.50 35.75 33.00
NEW 479373 1 EACH	Andrew Corporation 241496-4 1 Year	Replacement Pin Kit for F4PNF (1/2" Superflex FSJ4-50B cable "N" type female connectors.)	50.00 1 0.45	38.50 35.75 33.00

Connector Installation [420-92]

Custom Connector Installation

Custom installers are factory trained and certified to be proficient in connector attachment. Custom installers put their connector attachments through the same rigorous testing procedures as the factory does. Certificates of Compliance are available for all cable assemblies where connectors are installed by Custom technicians.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
34953 1 EACH	TESSCO Services RELIEF FITTING	Custom Performed installation of heat shrink boot or stain relief.	0.50 0.01 0	0.50 0.50 0.50
60981 1 EACH	TESSCO Services FITTING RG	Custom Performed single installation of a connector on RG-type cable.	4.05 0.02 0.01	3.23 3.03 2.97
88701 1 EACH	TESSCO Services FITTING RG	Custom Performed dual installation of a connector on RG-type cable.	8.05 0 0	6.44 6.04 5.92

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
17172 1 EACH	TESSCO Services FITTING	Custom Performed single installation of a connector on 1 1/4" and 1 5/8" foam-dielectric cable.	27.40 0.02 0.01
18421 1 EACH	TESSCO Services FITTING	Custom Performed dual installation of a connector on 1/4", 3/8" or 1/2" foam-dielectric cable.	20.30 0.02 0.01
30386 1 EACH	TESSCO Services FITTING	Custom Performed single installation of a connector on 7/8" foam dielectriccable.	16.00 0.02 0.01
31635 1 EACH	TESSCO Services FITTING	Custom Performed single installation of a connector on 1/4", 3/8" or 1/2" foam-dielectric cable.	11.40 0.02 0.01
68779 1 EACH	TESSCO Services FITTING	Custom Performed dual installation of connectors on 7/8" foam dielectric cable.	28.00 0.02 0.01
93958 1 EACH	TESSCO Services FITTING	Custom Performed dual installation of connectors on 1 1/4" and 1 5/8" foam-dielectric cable.	52.00 0.02 0.01
32767 1 EACH	TESSCO Services FITTING	Custom Performed single installation of connector on 1/2" or larger air dielectric cable.	38.00 0.02 0.01
71160 1 EACH	TESSCO Services FITTING	Custom Performed dual installation of connectors on 1/2" or larger air dielectric cable.	76.00 0 0
25221 1 EACH	RFS Cablewave FITTING	Cablewave performed connector installation on cable up to 7/8", over 100 dfeet in length.	23.00 0.01 0
76828 1 EACH	RFS Cablewave FITTING	Cablewave performed connector installation on cable up to 7/8", under 100 feet in length.	28.00 0.01 0

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Interseries Adapter Part Number Chart

7/16 DIN Female	7/16 DIN Male	BNC Female	BNC Male	F Female	F Male	Mini-UHF Female	Mini-UHF Male	N Female	N Male	SMA Female	SMA Male	TNC Female	TNC Male	UHF Female	UHF Male
81179 85799	23425-R 34195-R							31473 32943 64606 97767	43659 46160 83080 89785						
23425-R 34195-R	24890 99013							487074-Q 20981 38178 82052 96294	30445 51392 59374 69866						
		30951-B 34863 44165 47401-B 68839 69344-T 84768-T 99684-B	414098-T 17232-T 22415-T 29197-R 60042-R 82558-R				57417 74720	468039 30176 94081	469026 17737 43390 55625	25450 34211 60639 72604 80867 95236	87784 88904	84082	47467 94688		29867 41689 54439 80804
		414098-T 17232-T 22415-T 29197-R 60042-R 82558-R	67590 86470 99074			30989		445032-Q 17504 70697 81783	436001 68569	24833	63226	81474		24201 68260 72649	
					29181-Q										42306
				29181-Q											
		65760													
		42792													
			30989			69382 76359	10209-Q 17775-R 49541-R 53169-Q		95810		91375		36327 82596		25133 44203
		57417 74720				10209-Q 17775-R 49541-R 53169-Q	48619	81584				18465-R 19024-Q 23113 70631		49048 61506 75644	
						56168									
31473 32943 64606 97767	487074-Q 20981 38178 82052 96294	468039 30176 94081	445032-Q 17504 70697 81783				81584	14734 16653-B 20383 39913-B 93439-T 97169-T 99194	467039-Q 470010-Q 10192-R 78045-R 78306-R 81309-R 90271-R		58415 93682	494336 60441 96255	449063-Q 55046	69818	51878 55520 94997
43659 46160 83080 89785	30445 51392 59374 69866	469026 17737 43390 55625	436001 68569			95810		467039-Q 470010-Q 10192-R 78045-R 78306-R 81309-R 90271-R	38664 58776 78678	28293 48292	11116	41832	443117	56604 62594 93913	
		51604													
		84913													
		10789 67653													
		25450 34211 60639 72604 80867 95236	24833						28293 48292	34013	474087-Q 483180 41500-R 47913-R	49199 69724 83739			
		87784 88904	63226			91375		58415 93682	11116	474087-Q 483180 41500-R 47913-R	69313	87592		17844	
										433112					
		84082	81474				18465-R 19024-Q 23113 70631	494336 60441 96255	41832	49199 69724 83739	87592	15239 41506 42738-B	21864-Q 30459-R 51028-Q 66846-R 75627-R		60257 62413
		47467 94688				36327 82596		449063-Q 55046	443117			21864-Q 30459-R 51028-Q 66846-R 75627-R	60374	24020 98650	
			24201 68260 72649				49048 61506 75644	69818	56604 62594 93913		17844		24020 98650	10987 21124 34551-T 53632 60684 67404-B 78774-B 80225-T 87773-T	49380-R 59517-R 77562-R
		29867 41689 54439 80804		42306		25133 44203		51878 55520 94997				60257 62413		49380-R 59517-R 77562-R	28618

Legend: B=Bulkhead, Q=Quick Disconnect, R=Right Angle, T=Tee

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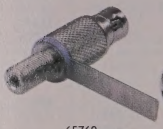
Interseries Adapters [410-28]

If you are buying these, you might need:

Antenna Testers, SWR Meters.....page 1419
RTV Sealant .....page 1710

BNC Interseries Adapters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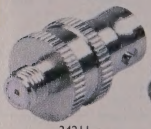
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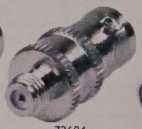
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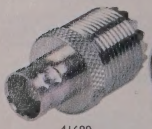
41689

54439

80804

29867

68569

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
65760 I EACH	TESSCO Services HT/BNC ADAPT I Year	BNC Female/HT Threaded 5/16"-32x1/2" adapter	42.70 0.1 0.05	29.04 26.48 25.62
74720 I EACH	AIM Electronics Corp 29-4150	BNC Female/ Mini-UHF Male Adapter	5.00 0.04 0.02	3.60 3.50 3.37

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
57417 I EACH	RF Industries RFU-622 I Year	BNC Female/ Mini-UHF Male Adapter	4.05 0.03 0.01
42792 I EACH	RF Industries RFB-1145 I Year	BNC Female/MX Threaded (1/4"-32x1/4") adapter	9.65 0.05 0.02
94081 I EACH	AIM Electronics Corp 26-8018	BNC Female/ N Female Adapter	4.10 0.08 0.04
30176 I EACH	RF Industries RFN-1039-1	BNC Female/ N Female Adapter	10.10 0.1 0.05
17737 I EACH	AIM Electronics Corp 26-8016	BNC Female/ N Male Adapter.	7.40 0.08 0.04
55625 I EACH	Amphenol 31-216 I Year	BNC Female/N Male adapter.	11.90 0.09 0.04
43390 I EACH	RF Industries RFN-1037-1 I Year	BNC Female/ N Male Adapter	10.10 0.1 0.05
NEW **84913** I EACH	RF Industries RFB-1139 I Year	BNC Female/RCA Female Adapter	2.85 0.15 0.07
67653 I EACH	AIM Electronics Corp 27-8110	BNC Female/RCA Male Adapter	2.10 0.05 0.02
10789 I EACH	RF Industries RFB-1140 I Year	BNC Female/RCA Male Adapter	5.30 0.05 0.02
80867 I EACH	AIM Electronics Corp 29-3835	BNC Female/SMA Female Adapter	4.35 0.08 0.04
25450 I EACH	Amphenol 901-167 I Year	BNC Female/SMA Female Adapter.	46.10 0.05 0.02
34211 I EACH	RF Industries RFB-1142-4 I Year	BNC Female/Motorola SMA Female Adapter. Use with Motorola cellular phones.	5.65 0.02 0.01
60639 I EACH	RF Industries RFB-1142 I Year	BNC Female/ SMA Female Adapter	5.90 0.05 0.02
72604 I EACH	RF Industries RFB-1142-5	BNC Female/OKI 900 SMA Female Adapter	3.75 0.05 0.02
NEW **95236** I EACH	RF Industries RSA-3413 I Year	BNC Female/SMA Female Adapter	5.40 0.05 0.02
88904 I EACH	AIM Electronics Corp 29-3855 I Year	BNC Female/ SMA Male Adapter.	8.80 0.03 0.01
NEW **87784** I EACH	RF Industries RSA-3458 I Year	BNC Female/SMA Male Adapter	8.90 0.02 0.01
84082 I EACH	RF Industries RFT-1232 I Year	BNC Female/TNC Female Adapter	6.90 0.05 0.02
47467 I EACH	AIM Electronics Corp 27-8250 I Year	BNC Female to TNC Male Adapter	4.10 0.03 0.01
94688 I EACH	RF Industries RFT-1231 I Year	BNC Female/TNC Male adapter.	6.80 0.06 0.03
NEW **41689** I EACH	RF Industries RFU-545 I Year	BNC Female/UHF Female Adapter	3.40 0.09 0.04
54439 I EACH	AIM Electronics Corp 27-8120	BNC Female/UHF Male Adapter	3.75 0.04 0.02
80804 I EACH	Amphenol 31-28	BNC Female/UHF Male adapter.	21.20 0.07 0.03
29867 I EACH	RF Industries RFB-1137 I Year	BNC Female/UHF Male adapter.	6.10 0.07 0.03
68569 I EACH	RF Industries RFN-1040-1 I Year	BNC Male/ N Male Adapter	10.55 0.1 0.05

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Connectors and Adapters for Braided Coax

ra-Series

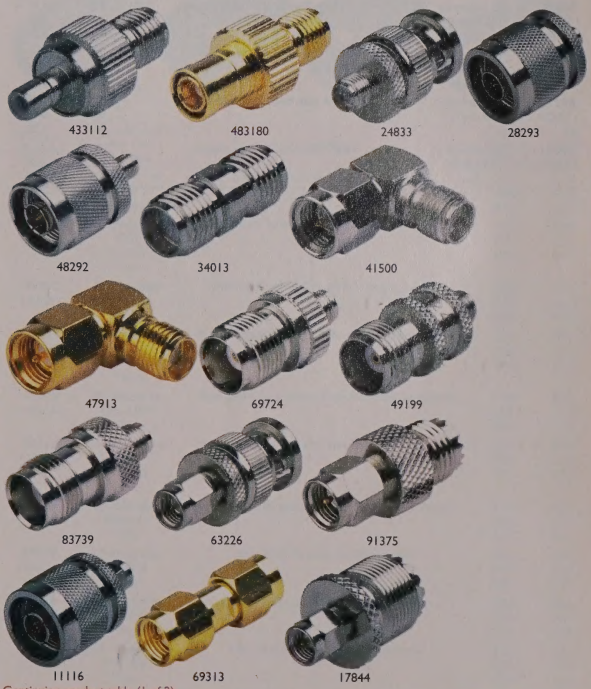
uct table (1 of 2)

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Cambridge CP-AD555 1 Year	BNC Female/BNC Female adapter.	1.45 0.03 0.01	1.02 0.99 0.95
Amphenol 31-219 1 Year	BNC Female/BNC Female adapter.	5.70 0.05 0.02	3.86 3.52 3.41
IM Electronics Corp 27-8471	BNC Female/BNC Female Insulated Blkd. Adapter	5.10 0.03 0.01	3.68 3.57 3.44
RF Industries RFB-1135-T	BNC Female/BNC Female Blkd Adapter w/O-Ring	7.85 0.07 0.03	5.47 4.53 4.30
RF Industries RFB-1135-I	BNC Female/BNC Female Insulated Blkd. Adapter	9.65 0.07 0.03	6.73 5.58 5.29
RF Industries RFB-1134 1 Year	BNC Female/BNC Female adapter.	3.30 0.05 0.02	2.29 1.90 1.80
IM Electronics Corp 27-8150 1 Year	BNC Female/BNC Male right angle adapter	6.50 0.03 0.01	4.68 4.55 4.39
Amphenol 31-9 1 Year	BNC Female/BNC Male right angle adapter.	8.95 0.06 0.03	6.08 5.54 5.36
RF Industries RFB-1132 1 Year	BNC Female/BNC Male right angle adapter.	8.60 0.06 0.03	6.00 4.97 4.71
M Electronics Corp 27-8130	BNC Male/BNC Male adapter.	4.30 0.03 0.01	3.10 3.01 2.90

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
67590 1 EACH	Amphenol 31-218 1 Year	BNC Male/BNC Male adapter.	10.35 0.05 0.02	7.03 6.41 6.20
86470 1 EACH	RF Industries RFB-1133 1 Year	BNC Male/BNC Male adapter.	5.35 0.04 0.02	3.75 3.11 2.95
69344 1 EACH	AIM Electronics Corp 27-8141 1 Year	BNC Female/BNC female/ BNC Female Tee Adapter	6.30 0.06 0.03	4.54 4.41 4.25
84768 1 EACH	RF Industries RFB-1131 1 Year	BNC Female Triple "T" Adapter	8.20 0.06 0.03	5.74 4.76 4.51
22415 1 EACH	AIM Electronics Corp 27-8140 1 Year	BNC Female/BNC Male/ BNC Female "T" adapter.	3.90 0.06 0.03	2.66 2.42 2.34
17232 1 EACH	Amphenol 31-208	BNC Female/BNC Male/ BNC Female "T" adapter.	11.05 0.06 0.03	7.51 6.85 6.63
414098 1 EACH	RF Industries RFB-1730 1 Year	75 Ohm BNC Female/BNC Male/BNC Female "T" Adapter	16.40 0.1 0.05	11.48 9.52 9.02

SMA Interseries Adapters



Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
433112 1 EACH	RF Industries RSA-3406 1 Year	SMA Female/SMB Female adapter.	52.55 0.02 0.01	36.79 30.48 28.91
NEW **483180** 1 EACH	Amphenol Connex 242-145 1 Year	SMA/F to SMB/M Adapter	13.65 0.03 0.01	8.85 8.17 7.83
24833 1 EACH	RF Industries RSA-3476 1 Year	BNC Male/SMA Female adapter.	9.05 0.02 0.01	6.31 5.23 4.96
28293 1 EACH	RF Industries RSA-3478 1 Year	SMA female to N male adapter	12.50 0.02 0.01	8.75 7.25 6.87

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
48292 1 EACH	AIM Electronics Corp 29-3840 1 Year	SMA Female/N Male adapter.	8.80 0.03 0.01	6.34 6.16 5.94
34013 1 EACH	RF Industries RSA-3404 1 Year	SMA Female/SMA Female adapter.	6.55 0.02 0.01	4.59 3.80 3.61
41500 1 EACH	RF Industries RSA-3402	SMA Male/SMA Female right angle adapter	12.55 0.05 0.02	8.77 7.27 6.89
47913 1 EACH	RF Industries RSA-3402-1 1 Year	SMA Male/SMA Female right angle adapter	13.80 0.05 0.02	9.65 8.00 7.58
69724 1 EACH	AIM Electronics Corp 29-3861	SMA Female/TNC Female adapter.	8.80 0.05 0.02	6.34 6.16 5.94
49199 1 EACH	RF Industries RFT-1241-5 1 Year	OKI 900 SMA Female/ TNC Female Adapter	4.70 0.05 0.02	3.28 2.72 2.58
83739 1 EACH	RF Industries RFT-1241-4 1 Year	Motorola SMA Female/ TNC Female Adapter	6.25 0.05 0.02	4.36 3.61 3.43
63226 1 EACH	RF Industries RSA-3459 1 Year	BNC Male/SMA Male adapter.	11.75 0.02 0.01	8.20 6.80 6.45
91375 1 EACH	RF Industries RSA-3450 1 Year	SMA Male/Mini UHF Female Adapter	8.60 0.02 0.01	6.00 4.97 4.71
11116 1 EACH	RF Industries RSA-3453 1 Year	N Male/ SMA Male adapter.	9.40 0.09 0.04	6.56 5.44 5.16
69313 1 EACH	RF Industries RSA-3403-1	SMA Male/SMA Male adapter.	10.55 0.02 0.01	7.38 6.12 5.80
17844 1 EACH	RF Industries RSA-3457 1 Year	SMA Male/UHF Female adapter.	10.15 0.02 0.01	7.11 5.89 5.59

7/16 Din Adapters

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
85799 1 EACH	Amphenol APH-716F-F 1 Year	7/16 DIN Female to 7/16DIN Female Adapter	75.00 0.3 0.14
81179 1 EACH	RF Industries RFD-1653-2 1 Year	7/16 DIN female to 7/16 DIN female barrel	34.85 0.3 0.14
23425 1 EACH	Huber + Suhner 53716-5001/003 1 Year	7/16 DIN Male to 7/16 DIN Female Right Angle	76.05 0.19 0.09
34195 1 EACH	RF Industries RFD-1652-2 1 Year	7/16 DIN female to 7/16 DIN male rt. angle adpt	75.10 0.39 0.18
32943 1 EACH	Amphenol APH-716F-NF 1 Year	7/16 DIN Female to N Female Adapter	57.50 0.2 0.09
31473 1 EACH	Eupen Cable USA ADNF50-7/16F 1 Year	N Female to 7/16 DIN Female Straight Adapter	79.00 0.25 0.11
83080 1 EACH	Eupen Cable USA ADNM50-7/16F 1 Year	N Male to 7/16 DIN Female Straight Adapter	79.00 0.25 0.11
38178 1 EACH	Huber + Suhner 33-7/16-N-50-1 1 Year	7/16 DIN Male to N Female Straight Adapter	61.50 0.19 0.09
64606 1 EACH	Huber + Suhner 31N-7/16-50-1 1 Year	7/16 DIN Female to N Female Straight Adapter	55.10 0.2 0.09
97767 1 EACH	RF Industries RFD-1673-2 1 Year	N Female to 7/16 Female straight adapter	36.30 0.23 0.1
43659 1 EACH	Amphenol APH-716F-NM 1 Year	7/16 DIN Female to N Male Adapter	55.00 0.22 0.1

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Connectors and Adapters for Braided Coax

roduct table (2 of 2)

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Huber + Suhner 33N-7/16-50-1 1 Year	7/16 DIN Female to N Male Straight Adapter	53.90 0.19 0.09	48.39 46.18 43.97
RF Industries RFD-1672-2 1 Year	N Male to 7/16 DIN Female Straight Adapter	45.95 0.22 0.1	40.42 39.05 37.67
Amphenol APH-716M-M 1 Year	7/16 DIN Male to 7/16 DIN Male Adapter	67.50 0.22 0.1	49.95 47.25 45.57
RF Industries RFD-1650-2 1 Year	7/16DIN male to 7/16DIN male straight adapter	44.50 0.22 0.1	39.13 37.80 36.46
Amphenol APH-716M-NF 1 Year	7/16 DIN Male to N Female Adapter	57.50 0.22 0.1	42.55 40.25 38.82
Eupen Cable USA ADNF50-7/16M 1 Year	N Female to 7/16 DIN male straight adapter	79.00 0.25 0.11	64.39 61.62 59.25
RF Industries RFD-1671-2 1 Year	N Female to 7/16 DIN male straight adapter	39.00 0.25 0.11	34.29 33.12 31.95
Amphenol APH-716M-NM 1 Year	7/16 DIN Male to N Male Adapter	62.50 0.22 0.1	46.25 43.75 42.19
Eupen Cable USA ADNM50-7/16M	N Male to 7/16 DIN Male Straight Adapter	79.00 0.25 0.11	64.39 61.62 59.25
Huber + Suhner 32N-7/16-50-1N 1 Year	7/16 DIN Male to N Male Straight Adapter.	63.45 0.19 0.09	56.98 54.38 51.78
RF Industries RFD-1670-2 1 Year	N Male to 7/16 DIN male straight adapter	43.70 0.22 0.1	38.43 37.12 35.81

Adapters

181

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Cambridge 25-7140 1 Year	"F" Female to "F" Male Push-on Straight Adapt.	1.10 0.02 0.01	0.78 0.76 0.73
AIM Electronics Corp 25-7550 1 year	F Female to UHF Male Adapter	3.00 0.05 0.02	2.14 2.08 2.01

Mini-UHF Interseries Adapters

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30989 1 EACH	RF Industries RFU-627 1 Year	Mini-UHF Female/ BNC Male Adapter	7.60 0.05 0.02	5.30 4.40 4.17
76359 1 EACH	AIM Electronics Corp 29-4110 1 Year	Mini UHF Female to MiniUHF female adapter.	3.60 0.03 0.01	2.60 2.52 2.43
69382 1 EACH	RF Industries RFU-629 1 Year	Mini-UHF Female/ Mini-UHF Female Adapter	7.05 0.05 0.02	4.94 4.09 3.88
49541 1 EACH	AIM Electronics Corp 29-4130 1 Year	Mini UHF Male/Mini UHF Female 90 Degree Adapt.	4.80 0.03 0.01	3.46 3.36 3.24
17775 1 EACH	RF Industries RFU-630-6 1 Year	Mini-UHF Female/Mini- UHF Male 90 Deg Adapter	9.40 0.05 0.02	6.56 5.44 5.16
53169 1 EACH	AIM Electronics Corp 29-4112 1 Year	Mini UHF Female to Mini UHF male push-on adapt.	5.00 0.03 0.01	3.60 3.50 3.37
10209 1 EACH	RF Industries RFU-643 1 Year	Mini-UHF male quick disconnect/Mini-UHF female	4.75 0.05 0.02	3.30 2.74 2.60
95810 1 EACH	RF Industries RFU-625 1 Year	Mini-UHF Female/ N MaleAdapter	9.80 0.09 0.04	6.84 5.67 5.37
56168 1 EACH	RF Industries RFU-642 1 Year	Mini-UHF Female/ SMA Female Adapter	9.80 0.05 0.02	6.84 5.67 5.37
82596 1 EACH	RF Industries RFU-628 1 Year	Mini-UHF Female/ TNC Male Adapter	8.30 0.05 0.02	5.79 4.80 4.55
36327 1 EACH	AIM Electronics Corp 29-4105	Mini UHF Female/TNC Male adapter.	4.70 0.06 0.03	3.39 3.29 3.17
25133 1 EACH	AIM Electronics Corp 29-4145 1 Year	Mini UHF Female/UHF Male adapter.	6.20 0.07 0.03	4.47 4.34 4.18
44203 1 EACH	RF Industries RFU-626 1 Year	Mini-UHF Female/ UHF Male Adapter	9.50 0.05 0.02	6.63 5.49 5.21
48619 1 EACH	RF Industries RFU-624 1 Year	Mini-UHF Male/Mini-UHF Male Adapter	7.55 0.03 0.01	5.26 4.36 4.14

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Adapters for Specific Radios/Phones

51604

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
51604 1 EACH	RF Industries RFB-1141 1 Year	BNC/F to Motorola GP300,P110,P120 radio (phono plug connector).	7.60 0.05 0.02	5.30 4.40 4.17

N Interseries Adapters

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
81783 1 EACH	RF Industries RFN-1038-1 1 Year	N Female/BNC Male Adapter	10.10 0.1 0.05	7.05 5.84 5.54
468039 1 EACH	Huber + Suhner 31BNC-N-50-1 1 Year	N Female/BNC Female Adapter	50.00 0.19 0.09	38.99 37.49 34.99
17504 1 EACH	AIM Electronics Corp 26-8017	N Female/ BNC Male Adapter.	7.40 0.07 0.03	5.33 5.18 4.99
70697 1 EACH	Huber + Suhner 33BNC-N-50-1 1 Year	N Female/BNC Male Adapter	27.95 0.19 0.09	21.80 20.96 19.56
81584 1 EACH	RF Industries RFU-620	N Female/ Mini-UHF MaleAdapter	8.75 0.06 0.03	6.10 5.06 4.80
93682 1 EACH	Amphenol Connex 242112 1 Year	N female/ SMA Male adapter.	9.80 0.06 0.03	6.86 5.68 5.39
58415 1 EACH	RF Industries RSA-3452 1 Year	N Female/ SMA Male Adapter.	9.80 0.06 0.03	6.86 5.68 5.39
55046 1 EACH	RF Industries RFT-1234 1 Year	N Female/TNC Male adapter.	10.55 0.09 0.04	7.36 6.10 5.79
69818 1 EACH	RF Industries RFN-1034-1 1 Year	N Female/UHF Female Adapter	7.30 0.1 0.05	5.09 4.22 4.00
55520 1 EACH	AIM Electronics Corp 26-8014 1 Year	N Female to UHF Male Adapter	7.40 0.05 0.02	5.33 5.18 4.99

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
51878 1 EACH	Amphenol 34125 1 Year	N Female/UHF Male adapter.	32.90 0.15 0.07
94997 1 EACH	RF Industries RFN-1036-1 1 Year	N Female/UHF Male Adapter	7.75 0.1 0.05
469026 1 EACH	Huber + Suhner 33N-BNC-50-1/133 1 Year	N Male to BNC Female adapter.	42.30 0.25 0.11
436001 1 EACH	Huber + Suhner 32 BNC-N-50-1 1 Year	N male/BNC Male Adapter	42.00 0.25 0.11
443117 1 EACH	Amphenol Connex 242133 1 Year	TNC male/N male adapter.	27.55 0.13 0.06

N Intra-Series Adapters

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
39913 1 EACH	Amphenol 82-66 1 Year	N Female/N Female Bulkhead adapter.	25.05 0.1 0.05
16653 1 EACH	RF Industries RFN-1023 1 Year	N Female/N Female Bulkhead adapter.	11.05 0.12 0.05
99194 1 EACH	AIM Electronics Corp 26-8010 1 Year	N Female/N Female adapter.	5.20 0.16 0.07
14734 1 EACH	Amphenol 82-101 1 Year	N Female/N Female adapter.	13.20 0.14 0.06
20383 1 EACH	RF Industries RFN-1013-1 1 Year	N Female/N Female Adapter	9.55 0.1 0.05
81309 1 EACH	AIM Electronics Corp 26-8012 1 Year	N Female to N Male right angle adapter	7.70 0.05 0.02
78306 1 EACH	Amphenol 82-64	N Female/N Male right angle mitre adapter.	27.15 0.17 0.08

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Connectors and Adapters for Braided Coax

product table (2 of 2)

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Amphenol 82-213 1 Year	N Female/N Male right angle adapt. Cubic body	25.85 0.14 0.06	17.58 16.03 15.51
Huber + Suhner 53N-50-0-4 1 Year	N Female/N Male right angle mitre adapter.	20.40 0.19 0.09	18.30 17.46 16.63
RF Industries RFN-1012-1 1 Year	N Female/N Male right angle mitre adapter.	13.55 0.14 0.06	9.46 7.84 7.44
AIM Electronics Corp CP-AD800 1 Year	N Male/N Male adapter.	5.30 0.02 0.01	3.82 3.71 3.58
Amphenol 82-100 1 Year	N Male/N Male adapter.	12.60 0.14 0.06	8.55 7.80 7.55
RF Industries RFN-1014-1 1 Year	N Male/N Male Adapter	13.15 0.13 0.06	9.19 7.61 7.22
RF Industries RFN-1011-1 1 Year	N Female "T" Adapter	13.30 0.14 0.06	9.29 7.70 7.30
RF Industries RFN-1010-1 1 Year	N Female/N Female/N Male "T" adapter.	15.35 0.16 0.07	10.73 8.89 8.43

nterseries Adapters

oduct table (1 of 2)

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
RF Industries RFT-1230 1 Year	TNC Female/BNC Male adapter.	4.95 0.04 0.02	3.47 2.88 2.73
AIM Electronics Corp 27-4035	TNC Female/Mini-UHF Male Right Angle	6.00 0.03 0.01	4.32 4.20 4.05
RF Industries RFU-623-5	TNC Female/ Mini-UHF Male Quick Disconnect	5.65 0.03 0.01	3.95 3.28 3.11
AIM Electronics Corp 29-4100 1 Year	TNC Female/ Mini-UHF Male Adapter	3.90 0.03 0.01	2.79 2.71 2.61
RF Industries RFU-623 1 Year	TNC Female/ Mini-UHF Male Adapter	7.55 0.03 0.01	5.26 4.36 4.14
mphenol Connex NT-322	TNC Female/N female adapter.	11.75 0.09 0.04	8.25 8.24 8.22

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **494336** 1 EACH	RF Industries RFT-1239 1 Year	TNC Female/N female adapter.	7.55 0.07 0.03	5.26 4.36 4.14
60441 1 EACH	RF Industries RFT-1239 1 Year	TNC Female/N female adapter.	7.55 0.07 0.03	5.26 4.36 4.14
41832 1 EACH	RF Industries RFT-1233 1 Year	TNC Female/N Male Adapter.	8.25 0.09 0.04	5.77 4.78 4.53
87592 1 EACH	RF Industries RFT-1241-6	TNC Female/SMA Male adapter.	8.45 0.07 0.03	5.89 4.88 4.63
60257 1 EACH	Cambridge 25-7362 1 Year	TNC Female/UHF Male adapter.	3.45 0.03 0.01	2.47 2.41 2.32
62413 1 EACH	RF Industries RFT-1236 1 Year	TNC Female/UHF Male adapter.	5.25 0.04 0.02	3.67 3.04 2.88

TNC Intra-Series Adapters

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
42738 1 EACH	Cambridge CP-AD356 1 Year	TNC Female/TNC Female Bulkhead Adapter.	2.75 0.03 0.01	1.96 1.90 1.83
15239 1 EACH	Cambridge CP-AD355 1 Year	TNC Female/TNC Female Adapter	1.85 0.02 0.01	1.34 1.30 1.25
41506 1 EACH	RF Industries RFT-1225 1 Year	TNC Female/TNC Female Adapter	5.65 0.05 0.02	3.94 3.26 3.10
66846 1 EACH	AIM Electronics Corp 27-9068 1 Year	TNC Female/TNC Male 90 degree cubic adapter	6.00 0.06 0.03	4.32 4.20 4.05
75627 1 EACH	RF Industries RFT-1227 1 Year	TNC Female/TNC Male right angle adapter	7.85 0.06 0.03	5.47 4.53 4.30
21864 1 EACH	AIM Electronics Corp 27-9278	Quick-disconnect TNC adapter, Male-Female	4.00 0.02 0.01	2.88 2.80 2.70
51028 1 EACH	RF Industries RFT-1242	Quick-disconnect TNC adapter, Male-Female	7.60 0.1 0.05	5.30 4.40 4.17
30459 1 EACH	RF Industries RT-1227	TNC male to TNC female adapter with left handed threading Rt. Angle	8.05 0.05 0.02	5.64 4.67 4.43
60374 1 EACH	RF Industries RFT-1224 1 Year	TNC Male/TNC Male Adapter	6.35 0.05 0.02	4.44 3.68 3.49

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UHF Interseries Adapters

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
34551 1 EACH	RF Industries RFU-534 1 Year	UHF Female "T" adapter	7.45 0.11 0.05	5.20 4.31 4.09
87773 1 EACH	Amphenol 83-1T	UHF Female/UHF Male/ UHF Female "T" adapter.	15.50 0.11 0.05	10.52 9.59 9.28
80225 1 EACH	RF Industries RFU-533 1 Year	UHF Female/UHF Male/ UHF Female "T" adapter.	7.70 0.11 0.05	5.37 4.45 4.22
72649 1 EACH	Cambridge 25-7420 1 Year	UHF Female/BNC Male adapter.	3.00 0.08 0.04	2.16 2.10 2.03
24201 1 EACH	Amphenol 2900 1 Year	UHF Female/BNC Male adapter.	14.60 0.06 0.03	9.91 9.04 8.75
68260 1 EACH	RF Industries RFB-1136	UHF Female/BNC Male adapter.	7.55 0.04 0.02	5.26 4.36 4.14
61506 1 EACH	AIM Electronics Corp 29-4140	UHF Female/ Mini-UHF Male adapter	5.00 0.03 0.01	3.60 3.50 3.37
49048 10 PACK	RF Industries RFU-621 1 Year	UHF Female/ Mini-UHF Male adapter	82.60 0.5 0.23	57.81 47.90 45.42

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
75644 1 EACH	RF Industries RFU-621 1 Year	UHF Female/ Mini-UHF Male adapter	8.30 0.04 0.02
93913 1 EACH	AIM Electronics Corp 26-8015 1 Year	UHF Female/ N Male Adapter	7.40 0.05 0.02
62594 1 EACH	Amphenol 4400 1 Year	UHF Female/ N Male Adapter.	18.20 0.09 0.04
56604 1 EACH	RF Industries RFN-1035-1 1 Year	UHF Female/ N Male Adapter	9.80 0.08 0.04
98650 1 EACH	AIM Electronics Corp 27-8260	UHF Female/TNC Male adapter.	4.10 0.06 0.03
24020 1 EACH	RF Industries RFT-1235 1 Year	UHF Female/TNC Male adapter.	5.60 0.06 0.03
53632 1 EACH	Cambridge CPAD207 1 Year	UHF Female/UHF Female bulkhead adapter w/nuts	4.15 0.04 0.02
60684 1 EACH	Cambridge 25-7330	UHF Female/UHF Female adapter.	2.70 0.05 0.02
10987 1 EACH	Amphenol 83-1J 1 Year	UHF Female/UHF Female adapter.	5.55 0.06 0.03
67404 1 EACH	Radiall/Larsen BA 1 Year	UHF Female/UHF Female Bulkhead adapter.	17.95 0.22 0.1
78774 1 EACH	RF Industries RFU-537 1 Year	UHF Female/UHF Female bulkhead adapter	7.15 0.4 0.18
21124 1 EACH	RF Industries RFU-536 1 Year	UHF Female/UHF Female adapter.	2.90 0.04 0.02
77562 1 EACH	Cambridge 25-7340 1 Year	UHF Female/ UHF Male right angle adapter.	4.90 0.08 0.04
49380 1 EACH	Amphenol 83-1AP 1 Year	UHF Female/UHF Male right angle adapter.	10.15 0.08 0.04
59517 1 EACH	RF Industries RFU-532 1 Year	UHF Female/UHF Male right angle adapter.	6.65 0.08 0.04
28618 1 EACH	RF Industries RFU-538 1 Year	UHF Male/UHF Male adapter.	5.20 0.09 0.04

Quick Mate Adapters

To cover the vast variety of applications in Measure field, HUBER+SUHNER offers a range of precision adaptors.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
445032 1 EACH	Huber + Suhner 33 BNCNQ504/ 133NE 1 Year	N Female/ Quick Mate BNC Male Adapter	52.85 0.25 0.11
487074 1 EACH	Huber + Suhner 33 716NQ504/ 133UE 1 Year	N Female/ Quick Mate 7/16 Din Male Adapter	102.90 0.57 0.26
467039 1 EACH	Huber + Suhner 33 NQ50-0-1413-NE 1 Year	Quick Mate N Female/BNC Male Adapter	47.25 0.25 0.11
470010 1 EACH	Huber + Suhner 33 NQ5004/133NE 1 Year	N Female/ Quick Mate N Male Adapter	51.80 0.25 0.11

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Connectors and Adapters for Braided Coax

roduct table (2 of 2)

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Huber + Suhner 33 TNCNQ504/ 133NE 1 Year	N Female/Quick Mate TNC Male Adapter	52.85 0.25 0.11	47.46 45.30 43.13
Huber + Suhner 33 SMAQ5004/1-9NE 1 Year	SMA Female/ Quick Mate SMA Male Adapter	44.05 0.25 0.11	39.53 37.72 35.92

Adapter Kits [410-29]

ou are buying these, you may need:

ver Meters. . . . . page 1421
enna Testers, SWR Meters. . . . . page 1419

The RFI Unidapt coaxial adapter series has been a favorite of field and bench technicians for years. Create the inter-series adapter you need upon demand by taking a female barrel adapter and adding the appropriate connector body to each side.

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
RF Industries RFA-4023-01 1 Year	43 pc. kit contains 3 universal, 2 tee, 1 rightangle, 1 dual banana socket & 1 dual banana plug bodies w/ 2 ea. male & female TNC, BNC, N,UHF, SMA, Mini-UHF, RCA and F connectors.	232.55 2.3 1.05	215.08 212.75 209.26
RF Industries RFA-4024 1 Year	30 piece Unidapt kit contains 6 universal adapters, 2 male and 2 female BNC, N, SMA, TNC,UHF and Mini-UHF connectors.	150.05 1.02 0.46	138.77 137.27 135.02
RF Industries PT4024-BL6 1 Year	Universal adapter replacement soft zippered case. Includes foam insert.	15.40 1.02 0.46	14.23 14.08 13.85
RF Industries PT-4000-026 1 Year	Unidapt right angle adapter. Use with any unidapt sections to make the right angle connection you need.	17.30 0.1 0.05	12.09 10.02 9.50
RF Industries PT-4000-027 1 Year	Unidapt "T" adapter. Use with any unidapt sections to make the "T" connection you need.	19.55 0.1 0.05	13.67 11.33 10.74
RF Industries PT-4010-030 1 Year	Unidapt male crimp connector for RG58A/U cable.Use with Unidapt kit to make speciality test cables.	7.55 1.02 0.46	5.26 4.36 4.14

apt Connectors

Find replacement connectors for your RFA-4024 Unidapt Kit ro enhance your kit with new connector types not available before.

ct table (1 of 2)

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
RF Industries PT-4000-120 1 Year	7/16 DIN Female	35.90 0.15 0.07	25.13 20.83 19.75
RF Industries PT-4000-119 1 Year	7/16 DIN Male	28.75 0.15 0.07	20.13 16.68 15.82
RF Industries PT-4000-116 1 Year	MCX Female	10.30 0.05 0.02	7.21 5.98 5.67
RF Industries PT-4000-115 1 Year	MCX Male	13.85 0.05 0.02	9.70 8.04 7.62
RF Industries PT-4000-118 1 Year	MMCX Female	10.30 0.05 0.02	7.21 5.98 5.67
RF Industries PT-4000-117 1 Year	MMCX Male	10.30 0.05 0.02	7.21 5.98 5.67
RF Industries PT-4000-134 1 Year	Reverse Polarity SMA Female	10.00 0.05 0.02	7.00 5.80 5.50

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 463355 1 EACH	RF Industries PT-4000-133 1 Year	Reverse Polarity SMA Male	8.00 0.05 0.02	5.60 4.64 4.40
NEW 469383 1 EACH	RF Industries PT-4000-114 1 Year	SMB Female	10.60 0.05 0.02	7.42 6.15 5.83
NEW 419352 1 EACH	RF Industries PT-4000-113 1 Year	SMB Male	7.65 0.05 0.02	5.36 4.44 4.21
NEW 454370 1 EACH	RF Industries PT-4000-136 1 Year	Reverse Polarity TNC Female	9.00 0.05 0.02	6.30 5.22 4.95
NEW 464346 1 EACH	RF Industries PT-4000-135 1 Year	Reverse Polarity TNC Male	11.00 0.05 0.02	7.70 6.38 6.05

Adapter Kits

These kits feature interchangeable adapters constructed by using a unique center coupling. The kits allow any combination of male and female adapters and includes a handy carry case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
46971 1 EACH	Bird Electronics 4240-400 1 Year	Kit-includes 2 NM, 2 NF, and one each male and female of UHF, BNC, TNC with five couplers.	190.00 1.02 0.46	189.43 188.86 188.10
85364 1 EACH	Bird Electronics 4240-401 1 Year	Kit includes one each, male and female of N, UHF, BNC, TNC, SMA, and 5 couplers.	215.00 0.83 0.38	214.36 213.71 212.85

Interseries Adapter Kits

Specialized adapter kits include straight, angled and tee adapters. Each kit includes the described adapters in a sectioned, unbreakable plastic box. Easy to follow template in the lid shows where each adapter is located.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
75483 1 EACH	RF Industries RFA-4021 1 Year	Kit contains 1 each: 3BF Tee, 2BF/1BM Tee, BM/BF Rt Angle, BM/BM, BF/BF, BM/UF, BF/UM, BF/RCA M, 3NF Tee, 2NF/1NM Tee, NM/NF Rt Angle,NF/NF, NM/NM, NM/UF, NF/UM, NM/BF, NF/BM, NF/BF, 3UF Tee, 3UF/1UM Tee, UM/UF Rt Angle, UF/UF, UM/UM and UF/BF adapters.	120.95 2.18 0.99	111.85 110.64 108.82

7/16 DIN Adapter Kit

Specialized kit containing 7/16 DIN adapters. All adapters are made in the U.S. with Teflon insulation, and silver-plated bodies and pins. Contained in a compact zippered case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
94025 1 EACH	RF Industries RFA-4013 1 Year	DIN male to N male, DIN male to N female, DIN female to N male, DIN female to N female, DIN male to DIN female right angle, and DIN female to DIN female barrel.	580.90 1.98 0.9	406.63 336.93 319.50

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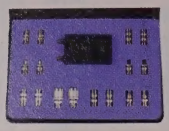
Cable Testing Kit



Lightweight, small and completely portable, these 9-volt battery powered tester will indicate Pass of Fail. If fail, unit will note Short, Open Conductor or Open Shield. Includes 16 adapters to match cable ends to the BNC female terminations on the tester.

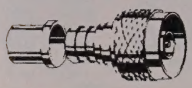
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
64101 1 EACH	RF Industries RFA-4017-O 1 Year	Kit includes tester, 2 ea. BM/BM, BM/UF, BM/NF,BM/NM, BM/SM, BM/SF, BM/TF and BM/MUF adapters in a handy foam-lined zippered case.	142.50 1.02 0.46	131.80 130.37 128.24

N Connectors [410-30]

If you are buying these, you might need:

Power Meters.....page 1421
Heat Shrink Tubing.....page 1736
Heat Shrink Guns.....page 1738

N Male Crimp Connectors



Type N's are 50 ohm except as noted. Rated for 500W and 11 GHz. Insulators are normally either TFE teflon or TPX moldable plastic.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36652 1 EACH	RF Industries RFN-1005-7 5 Years	Silver Gold Delrin	RG-122/U, Belden 82907, 88240, 89907; Motorola White Teflon; Times MSI-15	Crimp (.429) Crimp (.128)	7.45 0.08 0.04	5.20 4.31 4.09
47312 1 EACH	RF Industries RFN-1005-B-03 1 Year	Nickel Gold Teflon	RG174, 188, 316 & LMR100	Crimp (.130) Crimp (.100) 3	7.85 0.07 0.03	5.47 4.53 4.30
40074 1 EACH	Cambridge CPN-142T 1 Year	Nickel Gold TPX	Teflon RG142	Crimp (.213) Crimp (.075)	4.15 0.05 0.02	2.98 2.90 2.79
54680 1 EACH	RF Industries RFN-1005-3C1 1 Year	Silver Gold Teflon/TPX	RGs-55,142/U, 223/U,8219, 83242,9907 84142,ALPHA 9055	Crimp (.213) Crimp (.100)	7.20 0.25 0.11	5.04 4.18 3.96
58465 1 EACH	RF Industries RFN-1009-C1 1 Year	Silver Gold Teflon	RG55, 142, 223 & 400	Crimp (.213) Crimp (.100) 2	20.55 0.07 0.03	14.36 11.90 11.29
65253 1 EACH	Cambridge CPN-1 1 Year	Nickel (.213) Gold (.068) TPX	RG58	Crimp (.213) Crimp (.075)	3.80 0.06 0.03	2.74 2.66 2.57
27084 50 PACK	Cambridge CPN-1 1 Year	Nickel Gold TPX	RG58	Crimp (.213) Crimp (.043)	190.00 3.5 1.59	128.06 124.26 120.84
28821 1 EACH	Amphenol 82-5375-RFX 1 Year	Nickel Gold Teflon	RG58,141	Crimp (.213) Crimp (.100)	4.55 0.07 0.03	3.09 2.82 2.73
36421 1 EACH	RF Industries RFN-1005-3C 1 Year	Silver Gold Teflon/TPX	RG58/U, 58A/U, 141, Ultralink	Crimp (.213) Crimp (.100)	3.75 0.18 0.08	2.63 2.18 2.07
26367 25 PACK	RF Industries RFN-1005-3C 1 Year	Silver Gold Teflon/TPX	RG58/U, 58A/U, 141, Ultralink	Crimp (.213) Crimp (.100)	89.95 2 0.91	62.97 52.18 49.48
13832 1 EACH	Times Microwave TC-200-NM 5 Years	Silver Gold Teflon	LMR200,MA,FR	Crimp (.213) Solder	8.50 0.14 0.06	6.21 5.95 5.87
91562 1 EACH	Cambridge CPN-2 1 Year	Nickel Gold TPX	RG-59/62 (75 ohm)	Crimp (.255) Crimp (.075)	3.40 0.06 0.03	2.43 2.36 2.28
NEW 495326 100 PACK	RF Industries RFN-1007-2SX 1 Year	Silver Gold Teflon/TPX	RG8X, Times LMR240	Crimp (.255) Crimp (.068)	600.00 10 4.54	420.00 348.00 330.00
54919 1 EACH	RF Industries RFN-1007-2SX 1 Year	Silver Gold Teflon/TPX	RG8X, Times LMR240	Crimp (.255) Crimp (.068)	8.10 0.07 0.03	5.67 4.70 4.46
NEW 425357 1 EACH	RF Industries RFN-1009-X-04 1 Year	Nickel Gold Teflon/TPX	RG8X, Times LMR240	Crimp (.255) Solder	12.00 0.07 0.03	8.40 6.96 6.60

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)
24362 1 EACH	Cambridge CPN-17 1 Year	Nickel Gold TPX	RG8X, Mini 8	Crimp (.255) Crimp (.100)	3.80 0.06 0.03
25611 1 EACH	Cambridge CPN-16 1 Year	Nickel Gold	Proflex AA3096	Crimp (.255) Crimp (.068)	3.80 0.07 0.03
42954 1 EACH	RF Industries RFN-1007-2SP 1 Year	Silver Gold Teflon/TPX	Proflex, AA3096	Crimp (.255) Crimp (.068)	8.30 0.08 0.04
448044 1 EACH	Times Microwave EZ-240-NM 5 Years	Alballoy Gold	LMR240	Crimp Captivated	13.50 0.1 0.05
412066 1 EACH	RF Industries RFN-1006-L6 1 Year	Silver Gold Teflon/TPX	LMR-300	Crimp Crimp	6.50 0.08 0.04
16526 1 EACH	RF Industries RFN-1006-3E 1 Year	Silver Gold Teflon/TPX	RG8/U, RG8A/U and RG213	Crimp (.429) Crimp (.100)	7.05 0.08 0.04
12397 1 EACH	Cambridge CPN-8 1 Year	Nickel Gold TPX	RG8, 213	Crimp (.404) Crimp (.100)	3.70 0.06 0.03
80428 1 EACH	Amphenol 82-4426-11RFX 1 Year	Nickel Gold Teflon	RG8,213,214 Ethernet	Crimp (.429) Crimp (.100)	4.85 0.1 0.05
58377 1 EACH	RF Industries RFN-1009-3E 1 Year	Silver Gold Teflon/TPX	RG8/U, RG8A/U and RG213	Crimp (.429) Crimp (.128) Rt. Angle	24.60 0.07 0.03
50790 1 EACH	Cambridge CPN-8/110 1 Year	Nickel Gold TPX	Belden 9913, 8214, 9914	Crimp (.404) Solder	3.80 0.08 0.04
14515 1 EACH	RF Industries RFN-1006-31 1 Year	Silver Gold	9913, 9914, 8214, LMR-400	Crimp (.429) Crimp (.128)	7.35 0.08 0.04
35834 25 PACK	RF Industries RFN-1006-31 1 Year	Silver Gold Teflon/TPX	9913, 9914, 8214, LMR-400	Crimp (.429) Crimp (.128)	183.75 1.75 0.8
70396 1 EACH	Times Microwave TC-400-NMH 5 Years	Silver Gold Teflon	LMR400, DB,UF,FR	Crimp(.429) Solder	8.00 0.1 0.05
491067 1 EACH	Times Microwave TC-400-NMK 5 Years	Silver Gold Teflon	LMR400,DB,FR	Crimp Solder	12.00 0.3 0.14
71522 1 EACH	Times Microwave EZ400-NMK 5 Years	Silver Gold Teflon	Times LMR-400, Beld 9913,8240	Crimp(.429) Spring Finger	12.00 0.3 0.14
80883 1 EACH	Times Microwave TC400NMHRA 5 Years	Silver Gold Delrin	Times LMR-400, Beld 9913,8240	Crimp(.437) Solder Right Angle	13.50 0.3 0.14
83643 1 EACH	Times Microwave EZ-400-NMH 5 Years	Silver Gold Teflon	LMR400,DB,FR	Crimp(.429) Captivated	9.00 0.1 0.05
NEW 52386 1 EACH	RF Industries RFN-1009-31 1 Year	Silver Gold Teflon	LMR400, 9913, 8240	Crimp (.429) Solder Right Angle	16.85 0.7 0.32
53773 1 EACH	RF Industries RFN-1006-PL 1 Year	Silver Gold Teflon	RG8,9,87A,144, 213,214,216,225	Crimp .429 Crimp .128	9.10 0.01 0
54989 1 EACH	Times Microwave EZ-400-NMH-PL 5 Years	Silver Gold	LMR400PL	Crimp(.429) Captivated	9.00 0.3 0.14
64998 1 EACH	RF Industries RFN-1009-PL 1 Year	Silver Gold Teflon/TPX	Belden 89913 Plenum	Crimp (.429) Crimp (.128)	20.55 0.7 0.32
63836 1 EACH	Times Microwave TC-400-NMH-PL 5 Years	Nickel Silver Teflon	LMR400-PL Only	Crimp (.429) Solder	8.00 0.1 0.05
420000 1 EACH	Times Microwave EZ-400-NMH-RA 1 Year	Silver Gold Teflon	LMR-400	Crimp Captivated	22.00 0.65 0.3
80266 1 EACH	RF Industries RFN-1006-3F 1 Year	Silver Gold	RG-9, 9A, 9B, 214	Crimp (.429) Crimp (.100)	7.05 0.07 0.03
13153 10 PACK	RF Industries RFN-1006-3F 1 Year	Silver Gold Teflon/TPX	RG-9, 9A, 9B, 214	Crimp (.429) Crimp (.100)	70.30 0.7 0.32

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Connectors and Adapters for Braided Coax

ale Clamp/Solder Connectors

Type N's are 50 ohm except as noted. Rated for 500W and 11 GHz. Insulators are normally either TFE teflon or TPX moldable plastic.

Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Amphenol 34025 1 Year	Nickel Silver Teflon	RG58,141,142	Clamp Solder 536B/U	8.65 0.09 0.04	5.87 5.36 5.18
Amphenol 34025-RFX 1 Year	Nickel Gold Teflon	RG58,141,142	Clamp Solder 536B/U	5.65 0.09 0.04	3.84 3.50 3.39
RF Industries RFN-1000-N 1 Year	Nickel Gold Teflon/TPX	RG58/U, 58A/U, Ultralink	Clamp Solder 536B/U	9.55 0.07 0.03	6.67 5.53 5.24
RF Industries RFN-1000-1S 1 Year	Silver Gold Teflon/TPX	RG58/U, 58A/U, Ultralink	Clamp Solder 536B/U	9.25 0.07 0.03	6.46 5.35 5.08
RF Industries RFN-1004-1SP 1 Year	Silver Gold Teflon/TPX	Proflex, Times AA3096	Clamp Solder	8.45 0.07 0.03	5.91 4.90 4.65
RF Industries RFN-1004-1SX 1 Year	Silver Gold Teflon/TPX	RG8X, Times LMR240	Clamp Solder	9.40 0.07 0.03	6.56 5.44 5.16
AIM Electronics Corp CPN-CL-16 1 Year	Nickel Gold Teflon	Proflex AA3096	Clamp Solder	6.55 0.09 0.04	4.69 4.56 4.39
AIM Electronics Corp 26-8025 1 Year	Nickel Gold Teflon	RG59, RG62	Clamp Solder	5.25 0.09 0.04	3.78 3.68 3.54
RF Industries RFN-1907-2S 1 Year	Silver Gold Teflon	RG59 (75 ohm)	Crimp Crimp	8.20 0.07 0.03	5.72 4.74 4.50
RF Industries RFN-1002-1N 1 Year	Nickel Gold Teflon/TPX	RG8, 8A & 213	Clamp Solder 21B/U	9.40 0.1 0.05	6.56 5.44 5.16
Amphenol 82-312 1 Year	Nickel Silver Teflon	RG8,9,87A,144, 213,214,225,393	Clamp Solder 1185	9.10 0.1 0.05	6.17 5.63 5.45
Amphenol 82-202-RFX 1 Year	Nickel Silver Teflon	RG8, 9, 87A, 144, 213, 214, 216, 255	Clamp Solder 21D	6.95 0.12 0.05	4.72 4.30 4.16
Amphenol 82-202 1 Year	Nickel Silver Teflon	RG8, 9, 87A, 144, 213, 214, 216, 255	Clamp Solder 21D	11.20 0.14 0.06	7.59 6.92 6.70
Amphenol 82-61 1 Year	Nickel Silver Teflon	RG8,9,87A,144, 213,214,216,225	Clamp Solder 21B/U	10.50 0.2 0.09	7.13 6.50 6.29
AIM Electronics Corp 26-8000 1 Year	Nickel Gold Teflon	RG8, 11, 213 & 214	Clamp Solder	5.05 0.2 0.09	3.64 3.54 3.41
RF Industries RFN-1002-1S 1 Year	Silver Gold Teflon/TPX	RG8, 8A & 213	Clamp Solder 21B/U	9.85 0.12 0.05	6.90 5.72 5.42
RF Industries RFN-1002-1S 1 Year	Silver Gold Teflon/TPX	RG8, 8A & 213	Clamp Solder 21B/U	98.50 1 0.45	68.95 57.13 54.18
Amphenol 82-4352 1 Year	Silver Gold Teflon	RG8,9,87A,144, 213,214,216,225	Clamp Solder	15.85 0.12 0.05	10.78 9.83 9.51
Amphenol 82-202-1006 1 Year	Nickel Silver Teflon	9913, 9914, RG214, LMR400	Clamp Solder	9.15 0.12 0.05	6.23 5.68 5.49
Amphenol 82-202-1006 1 Year	Silver Gold Teflon	9913, 9914, RG214, LMR400	Clamp Solder	228.75 3 1.36	155.55 141.83 137.25
RF Industries RFN-1002-1SI 1 Year	Silver Gold Teflon/TPX	9913,8214, RG8, LMR400	Clamp Solder	9.65 0.15 0.07	6.73 5.58 5.29
RF Industries RFN-1002-1SI 1 Year	Silver Gold Teflon/TPX	9913,8214, RG8, LMR400	Clamp Solder	96.10 1.5 0.68	67.27 55.74 52.85
Times Microwave TC-400-NMC 5 Years	Nickel Gold Teflon	LMR400,DB,UF,F R	Clamp Solder	8.00 0.3 0.14	5.84 5.60 5.52
Times Microwave TC-400-NMC-RA (A) 5 Years	Alballoy Gold	Right Angle Times LMR-400,DB,FR,UF, Beld 9913	Clamp Solder	22.50 0.3 0.14	16.43 15.75 15.53
RF Industries RFN-1002-PL 1 Year	Silver Gold Teflon/TPX	Belden 89913 plenum cable	Clamp Solder	10.95 0.15 0.07	7.66 6.34 6.02

N Male Bulkhead Connectors

Similar in design to PL259 connectors, this universal N-male accepts reducers to adapt it to smaller cable sizes.

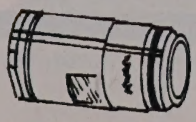
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
24006 1 EACH	RF Industries RFN-1001-S 1 Year	Silver Gold Teflon/TPX	RG8, 213, 214, 9913,14,8214, RG58/59 w/ red.	Clamp Solder	8.15 0.1 0.05	5.68 4.71 4.47

N Female Crimp Connectors

Type N's are 50 ohm except as noted. Rated for 500W and 11 GHz. Insulators are normally either TFE teflon or TPX moldable plastic.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 75945 1 EACH	RF Industries RFN-1027-C2 1 Year	Silver Gold Teflon	LMR200	Crimp Crimp 3	6.65 0.1 0.05	4.65 3.86 3.66
83032 1 EACH	RF Industries RFN-1027 1 Year	Silver Gold Teflon/TPX	RG58/U, 58A/U, 141, Ultralink	Crimp (.213) Crimp (.100)	7.10 0.1 0.05	4.96 4.11 3.90
29053 1 EACH	RF Industries RFN-1026-1X 1 Year	Silver Gold Teflon	RG8X, Mini 8, Times LMR-240	Clamp Crimp (.068)	9.20 0.1 0.05	6.42 5.32 5.04
51124 1 EACH	RF Industries RFN-1029-SX 1 Year	Silver Gold Teflon	RG8X, Mini 8, Times LMR240	Crimp (.255) Crimp (.068)	6.55 0.1 0.05	4.59 3.80 3.61
74814 1 EACH	RF Industries RFN-1028 1 Year	Silver Gold Teflon/TPX	RG8/U, RG8A/U, RG213	Crimp (.429) Crimp (.100)	7.70 0.03 0.01	5.37 4.45 4.22
44728 1 EACH	RF Industries RFN-1028-SI 1 Year	Silver Gold Teflon/TPX	Belden 9913, 8214 & LMR400	Crimp (.429) Crimp (.128)	7.20 0.1 0.05	5.04 4.18 3.96
48367 1 EACH	Times Microwave EZ-400-NF-BH 5 Years	Nickel Gold Teflon	LMR400,DB,UF,F R	Crimp Captivated	20.00 0.3 0.14	14.60 14.00 13.80
71526 1 EACH	Times Microwave EZ-400-NF 5 Years	Silver Gold Teflon	Times LMR-400,- DB,-FR,Beld 9913,8240	Crimp (.429) Non-solder(com- pression fit)	16.00 0.25 0.11	11.68 11.20 11.04
74769 1 EACH	RF Industries RFN-1028-PL 1 Year	Silver Gold Teflon/TPX	Belden 89913 plenum rated	Crimp (.429) Crimp (.128)	7.75 0.15 0.07	5.43 4.50 4.27

N Female Clamp/Solder Connectors



Type N's are 50 ohm except as noted. Rated for 500W and 11 GHz. Insulators are normally either TFE teflon or TPX moldable plastic.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
44639 1 EACH	RF Industries RFN-1025-1 1 Year	Silver Gold Teflon/TPX	RG58/U, 58A/U, 142, Ultralink	Clamp Solder 536B/U	7.85 0.1 0.05	5.47 4.53 4.30
36276 1 EACH	RF Industries RFN-1026-1P 1 Year	Silver Gold Teflon/TPX	PROF-LEX,AA3096	Clamp Solder	6.40 0.1 0.05	4.48 3.72 3.52
30446 1 EACH	Amphenol 82-63 1 Year	Nickel Silver Teflon	RG8, 9, 87A, 144, 213, 214, 216, 255	Clamp Solder 23B	11.55 0.11 0.05	7.86 7.17 6.93
53190 1 EACH	AIM Electronics Corp 26-8002 1 Year	Nickel Gold	RG8,11, 213, 214	Clamp Solder	5.05 0.1 0.05	3.64 3.54 3.41

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
96246	RF Industries	Silver	RG8/U, RG8A/U,	Clamp	6.65	4.65
1 EACH	RFN-1024-1	Gold	RG213	Solder	0.15	3.86
	1 Year	Teflon/TPX		23D/U	0.07	3.66
97240	Amphenol	Nickel	RG8,9,144,213,	Clamp	11.45	7.78
1 EACH	82-209	Silver	214,216,255	Solder	0.11	7.09
	1 Year	Teflon		23D	0.05	6.86
45633	Amphenol	Silver	Belden 9913,9914	Clamp	12.55	8.51
1 EACH	82-209-1006	Gold	8214, RG8	Solder	0.12	7.76
	1 Year	Teflon			0.05	7.51
45888	RF Industries	Silver	Belden 9913,9914	Clamp	9.55	6.67
1 EACH	RFN-1024-1SI	Gold	8214 & LMR400.	Solder	0.15	5.53
	1 Year				0.07	5.24
87441	RF Industries	Silver	Belden 9913,	Clamp	95.20	66.64
10 PACK	RFN-1024-1SI	Gold	9914, 8214 &	Solder	2	55.22
	1 Year	Teflon/TPX	LMR400		0.91	52.36
98836	Times Microwave	Silver	LMR400,DB,UF,F	Clamp	11.50	8.40
1 EACH	TC-400-NFC	Gold	R	Solder	0.3	8.05
	5 Years	Teflon			0.14	7.94
70034	RF Industries	Silver	Belden 89913	Clamp	10.60	7.42
1 EACH	RFN-1024-PL	Gold	plenum cable	Solder	0.15	6.15
	1 Year	Teflon/TPX			0.07	5.83

N Female Bulkhead Connectors

Type N's are 50 ohm except as noted. Rated for 500W and 11 GHz. Insulators are normally either TFE teflon or TPX moldable plastic.

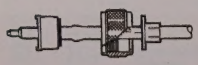
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
31425	RF Industries	Silver	Solder tab	Bulkhead	6.35	4.44
1 EACH	RFN-1022-1	Gold		Solder	0.08	3.68
	1 Year	Teflon/TPX		680/U	0.04	3.49
NEW	RF Industries	Nickel	RG142	Bulkhead	10.45	7.32
57405	RFN-1022-8-C1	Gold		Solder	0.08	6.07
1 EACH	1 Year	Teflon			0.04	5.75
86524	Amphenol	Nickel	RG142, 22341,	Clamp	52.80	35.91
1 EACH	35275	Gold	142	Solder	0.11	32.74
	1 Year	Teflon		556B/U	0.05	31.68
NEW	RF Industries	Nickel	RG174/U	Crimp	12.90	9.02
72162	RFN-1022-8	Gold		Solder	0.08	7.47
1 EACH	1 Year	Teflon		3 Pcs.	0.04	7.09
48131	Amphenol	Nickel	RG58,142	Crimp (.213)	22.40	15.21
1 EACH	82-5378	Gold		Crimp (.100)	0.4	13.87
	1 Year	Teflon		556B	0.18	13.42
463075	Times Microwave	Alballoy	LMR400,DB,UF,F	Clamp	19.75	14.42
1 EACH	TC-400-NFC-BH(A)	Gold	R	Solder	0.3	13.83
	5 Years	Teflon			0.14	13.63
71528	Times Microwave	Alballoy	Times LMR-400,	Clamp	19.75	14.42
1 EACH	TC-400-NCF-BH (A)	Gold	Beld 9913,8240	Solder	0.3	13.83
	5 Years	Teflon		Bulkhead	0.14	13.63

UHF Connectors [410-31]

If you are buying these, you may need:

Power Meters. . . . . .page 1421

UHF Male FCP Clamp Connectors



UHF connectors function normally up to 300 MHz. Tip of center contact can be squeeze-crimped with pliers or soldered if desired.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
27423	Amphenol	Astroplate	RG58	FCP Clamp	5.40	3.66
1 EACH	83-58FCP	Astroplate		Pinch/solder	0.03	3.33
	1 Year	PBT			0.01	3.23
39120	RF Industries	Astroplate	RG58, LMR195,	Nickel	3.70	2.57
1 EACH	RFU-504	Astroplate	LMR200,RG141	Nickel	0.08	2.13
	1 Year	DAP		3	0.04	2.02
67214	Amphenol	Nickel	RG58	FCP Clamp	2.85	1.92
1 EACH	83-58FCP-RFX	Silver		Pinch/solder	0.03	1.75
	1 Year	Phenolic			0.01	1.69

Crimp Connectors

UHF connectors function normally up to 300 MHz.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)
68186	Cambridge	Nickel	RG58	Crimp (.255)	27.15
25 PACK	CPL-259-1	Brass		Pinch/solder	0.64
	1 Year	Plastic		3	0.29
90432	Cambridge	Nickel	RG58	Crimp (.255)	1.10
1 EACH	CPL-259-1	Brass		Pinch/solder	0.02
	1 Year	Plastic			0.01
72028	Cambridge	Nickel	RG58	Crimp (.255)	108.60
100 PACK	CPL-259-1	Brass		Pinch/solder	4
	1 Year	Plastic		3	1.82
13837	Cambridge	Nickel	RG58 (Double	Crimp (.255)	1.75
1 EACH	CPL-259-18	Brass	nut body)	Pinch/solder	0.03
	1 Year	Plastic		3	0.01
75476	RF Industries	Nickel	RG58, RG141 &	Crimp (.213)	66.85
25 PACK	RFU-505	Silver	Ultralink	Crimp (.068)	2
	1 Year	Phenolic			0.91
91538	RF Industries	Nickel	RG58, RG141 &	Crimp (.213)	2.70
1 EACH	RFU-505	Silver	Ultralink	Crimp (.068)	0.08
	1 Year	Phenolic			0.04
11904	RF Industries	Silver	RG58, RG141 &	Crimp (.213)	93.85
25 PACK	RFU-505-ST	Silver	Ultralink	Crimp (.068)	2
	1 Year	Teflon TPX			0.91
23207	RF Industries	Silver	RG58, RG141 &	Crimp (.213)	3.75
1 EACH	RFU-505-ST	Silver	Ultralink	Crimp (.068)	0.05
	1 Year	Teflon TPX			0.02
75553	RF Industries	Nickel	RG58, RG141 &	Crimp (.213)	1.65
1 EACH	RFU-505-5	Nickel	Ultralink	Crimp (.068)	0.08
	1 Year	Delrin		Short Shell	0.04
33449	RF Industries	Nickel	RG8X, Mini 8,	Crimp (.255)	3.40
1 EACH	RFU-508-X	Silver	LMR240	Crimp (.068)	0.08
	1 Year	Phenolic			0.04
96123	Cambridge	Nickel	RG8X Mini 8	Crimp (.255)	1.30
1 EACH	CPL-259-17	Brass		Pinch/solder	0.02
	1 Year	Plastic		3	0.01
46176	RF Industries	Nickel	Proflex, AA3096	Crimp (.255)	2.75
1 EACH	RFU-508-P	Silver		Crimp (.068)	0.08
	1 Year	Phenolic			0.04
78467	Cambridge	Nickel	Proflex AA3096	Crimp (.255)	1.30
1 EACH	CPL-259-16	Brass		Pinch/solder	0.04
	1 Year	Plastic		3	0.02
89183	Cambridge	Nickel	RG8	Crimp (.405)	1.45
1 EACH	CPL-259-8	Brass		Pinch/solder	0.02
	1 Year	Plastic		3	0.01
35985	RF Industries	Silver	RG8, 8A, 213	Crimp (.429)	3.85
1 EACH	RFU-507-ST	Silver		Crimp (.100)	0.05
	1 Year	Teflon TPX			0.02
42972	Cambridge	Nickel	RG8 (Double nut	Crimp (.405)	2.30
1 EACH	CPL-259-24	Brass	body)	Pinch/solder	0.07
	1 Year	Plastic		3	0.03
68133	RF Industries	Nickel	RG8/U, RG8A/U	Crimp (.429)	2.90
1 EACH	RFU-507	Silver	and RG213	Crimp (.100)	0.07
	1 Year	Phenolic			0.03
20273	RF Industries	Silver	RG9, 214 Teflon	Crimp (.429)	4.60
1 EACH	RFU-507-STF	Silver	Insul.	Crimp (.100)	0.05
	1 Year	Teflon TPX			0.02
29143	RF Industries	Silver	Belden 89913	Crimp (.429)	4.50
1 EACH	RFU-507-PL	Silver	plenum cable.	Crimp (.128)	0.07
	1 Year				0.03
87791	RF Industries	Silver	Belden 9913,9914	Crimp (.429)	3.90
1 EACH	RFU-507-SI	Silver	8214, LMR400	Crimp (.128)	0.07
	1 Year	Teflon TPX	Ultralink		0.03
419089	Times Microwave	Nickel	Times LMR-400,-	Crimp (.429)	16.00
1 EACH	EZ-400-UM	Gold	DB,-FR,Beld 9913	Non-solder(com-	0.3
	5 Years	Teflon		pression fit)	0.14

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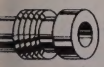
Connectors and Adapters for Braided Coax

Connectors

UHF connectors function normally up to 300 MHz. Inner body is soldered, while outer coupling ring is screwed on.

Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Radiall/Larsen PL259 W/ UG175 1 Year	Nickel Brass Phenolic	RG55, 58, 141, 142 (Incl. reducer)	Screw-On Solder PL259	4.00 0.09 0.04	2.72 2.48 2.40
Maxrad, Inc MPL9 1 Year	Nickel Brass Plastic	RG55,58,141,142 (Incl. reducer)	Screw-On Solder PL259	12.85 0.37 0.17	6.41 5.90 5.89
Amphenol UHF/176 ADAPT 1 Year	Nickel Brass Phenolic	Proflex, RG8X, RG59.	Screw-On Solder PL259	2.95 0.2 0.09	1.98 1.81 1.75
AIM Electronics Corp 25-7300 1 Year	Nickel Brass Plastic	RG8	Solder Solder 2	1.75 0.05 0.02	1.24 1.20 1.16
Cambridge 25-7305 1 Year	Nickel Brass Teflon	RG8	Solder Solder 2	2.20 0.08 0.04	1.59 1.54 1.49
RF Industries RFU-500 1 Year	Nickel Silver Phenolic	RG8, 213, 214, 9913, LMR400	Screw-On Solder PL259	1.95 0.05 0.02	1.37 1.14 1.08
RF Industries RFU-500 1 Year	Nickel Silver Phenolic	RG8, 213, 214, 9913, LMR400	Screw-On Solder PL259	48.80 1.32 0.6	34.16 28.30 26.84
Amphenol 83-1SP-1050 1 Year	Astroplate Silver Phenolic	RG8, 213, 214, 9913, LMR400	Screw-On Solder PL259	2.55 0.07 0.03	1.71 1.56 1.51
Amphenol 83-822 PL259 1 Year	Astroplate Silver TFE Teflon	RG8, 213, 214, 9913, LMR400	Screw-On Solder PL259	4.25 0.08 0.04	2.87 2.61 2.53
Amphenol 83-886 1 Year	Silver Silver	RG8, 213, 214, 9913, LMR400	Screw-On Solder PL259	6.95 0.07 0.03	4.72 4.30 4.16
RF Industries RFU-501 1 Year	Silver Silver	RG8, 213, 214, 9913, LMR400	Screw-On Solder PL259	3.50 0.05 0.02	2.44 2.02 1.92
RF Industries RFU-501 1 Year	Silver Silver Teflon	RG8, 213, 214, 9913, LMR400	Screw-On Solder PL259	83.80 1.25 0.57	58.65 48.60 46.08
Amphenol 83-1SP 1 Year	Silver Silver Phenolic	RG8, 213, 214, 9913, LMR400	Screw-On Solder PL259	4.00 0.05 0.02	2.70 2.47 2.39
Maxrad, Inc MPL9TF 1 Year	Silver Silver Teflon	RG8, 213, 214, 9913, 9914	Screw-On Solder PL259	21.50 0.26 0.12	10.75 9.89 9.87

rs for PL259 Connectors



Reducers adapt RG8 PL259 UHF solder connectors to smaller cable, such as RG58, RG142, and PROFLEX.

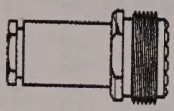
oduct table (1 of 2)

Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Cambridge 25-7310 1 Year	Nickel	RG55,58,141,142	Slide - UG175	0.40 0.04 0.02	0.29 0.28 0.27
Amphenol 83-185 1 Year	Nickel	RG55,58,141,142	Slide - UG175	1.00 0.02 0.01	0.66 0.60 0.58
Maxrad, Inc UG175/U 1 Year	Nickel	RG55,58,141,142	Slide - UG175	4.95 0.12 0.05	2.58 2.41 2.32
RF Industries RFU-530 1 Year	Nickel	RG58	Slide - UG175	12.80 1 0.45	8.94 7.41 7.02
RF Industries RFU-530-S 1 Year	Silver	RG58	Slide - UG175	0.80 0.02 0.01	0.55 0.46 0.43
RF Industries RFU-530-S 1 Year	Silver	RG58	Slide - UG175	19.55 1 0.45	13.67 11.33 10.74
Amphenol 83-168 1 Year	Nickel	RG59,Proflex AA3096	Slide - UG176	0.55 0.01 0	0.35 0.32 0.31

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
51516 1 EACH	Cambridge 25-7320 1 Year	Nickel	RG59,Proflex AA3096	Slide - UG176	0.40 0.03 0.01	0.29 0.28 0.27
97783 25 PACK	RF Industries RFU-531 1 Year	Nickel	RG59,Proflex AA3096	Slide - UG176	15.05 1 0.45	10.52 8.72 8.27
97059 25 PACK	RF Industries RFU-531-S 1 Year	Silver	RG59,Proflex AA3096	Slide - UG176	19.55 1 0.45	13.67 11.33 10.74

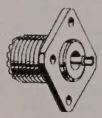
Crimp Connectors



UHF Female connectors function normally up to 300 MHz.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
79215 1 EACH	RF Industries RFU-527 1 Year	Nickel Silver Delrin	RG58, 141, 400	Crimp Crimp	5.10 0.07 0.03	3.56 2.95 2.80
38825 1 EACH	Cambridge CPF-249-1 1 Year	Nickel Brass Plastic	RG58	Crimp (.320) Pinch/solder 2	2.75 0.06 0.03	1.96 1.90 1.83
59716 1 EACH	RF Industries RFU-520-1E 1 Year	Nickel Silver	RG8, 8A, 213, 214	Clamp Solder	8.65 0.07 0.03	6.04 5.00 4.75

Panel Receptacles



UHF connectors function normally up to 300 MHz.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
12960 1 EACH	Amphenol 83-1R 1 Year	Astroplate Silver PBT	Panel receptacle	Panel Mt. Solder SO239	3.70 0.04 0.02	2.52 2.30 2.22
25955 1 EACH	Cambridge CPAD206 1 Year	Nickel Brass Plastic	Panel receptacle	Panel Mt. Solder SO239	1.50 0.04 0.02	1.08 1.05 1.01

TNC Connectors [410-32]

If you are buying these, you may need:

Power Meters . . . . . page 1421
Wrenches . . . . . page 1581
Heat Shrink Tubing. . . . . page 1736
Heat Shrink Guns . . . . . page 1738

TNC Male Crimp Connectors

TNC connectors operate up to 4 GHz. 50 ohm impedance unless noted.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
45794 1 EACH	Cambridge CPMC-TNC-1 1 Year	Nickel Gold Delrin/TPX	RG58/U,58A/U, Ultralink	Crimp (.213) Crimp (.060) 3	1.60 0.02 0.01	1.13 1.10 1.06

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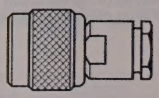
Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
18117 100 PACK	Cambridge CPMC-TNC-1 1 Year	Nickel Gold Delrin/TPX	RG58/U,58A/U, Ultralink	Crimp (.213) Crimp (.060) 3	157.45 2.45 1.11	113.35 110.21 106.11
84187 1 EACH	Cambridge CPMC-TNC-1B 1 Year	Black Nickel Gold Delrin/TPX	RG58/U,58A/U, Ultralink	Crimp (.213) Crimp (.060) 3	1.65 0.02 0.01	1.19 1.16 1.12
48843 1 EACH	Amphenol 31-2367RFX 1 Year	Nickel Gold Delrin	RG58/U,58A/U, Ultralink	Crimp (.213) Crimp (.068) 3	1.80 0.03 0.01	1.42 1.39 1.36
87236 100 PACK	Amphenol 31-2367-45RFX 1 Year	Astroplate Silver PBT	RG58/U,58A/U, Ultralink	Crimp (.213) Crimp (.068) 3	173.95 3.42 1.55	100.87 97.39 95.31
30457 1 EACH	RF Industries RT-1202-C 1 Year	Nickel Gold Teflon	RG58/U,58A/U, Ultralink	Crimp (.213) Crimp (.068) 3	3.40 0.05 0.02	2.36 1.95 1.85
58794 1 EACH	RF Industries RFT-1202-2T 1 Year	Nickel Gold Teflon	RG58/U,58A/U, Ultralink	Crimp (.213) Crimp (.068) 3	3.60 0.05 0.02	2.52 2.09 1.98
74227 25 PACK	RF Industries RFT-1202-2 1 Year	Nickel Gold Delrin	RG58/U,58A/U, Ultralink	Crimp (.213) Crimp (.068) 3	66.85 0.05 0.02	46.77 38.75 36.75
80534 1 EACH	RF Industries RFT-1202-2 1 Year	Nickel Gold Delrin	RG58/U,58A/U, Ultralink	Crimp (.213) Crimp (.068) 3	2.70 0.05 0.02	1.87 1.55 1.47
67320 100 PACK	RF Industries RFT-1202-2 1 Year	Nickel Gold Delrin	RG58/U,58A/U, Ultralink	Crimp (.213) Crimp (.068) 3	267.30 5 2.27	187.09 155.02 147.00
28927 1 EACH	RF Industries RFT-1202-2B 1 Year	Blk Chrome Gold	RG58/U,58A/U, Ultralink	Crimp (.213) Crimp (.068) 3	3.65 0.05 0.02	2.55 2.11 2.00
55110 1 EACH	RF Industries RFT-1202-7 1 Year	Nickel Gold Delrin	RG58 plenum	Crimp (.213) Crimp (.068)	3.00 0.05 0.02	2.08 1.73 1.64
93165 1 EACH	Amphenol 31-2368 1 Year	Astroplate Gold PBT	RG59, RG62	Crimp (.255) Crimp (.068) 3	5.55 0.05 0.02	3.76 3.43 3.32
86157 1 EACH	Cambridge CPTNC-5 1 Year	Nickel Gold Delrin	RG6	Crimp Captivated 3	2.50 0.04 0.02	1.80 1.75 1.69
453125 1 EACH	Trompeter Electronics 105-1457-10 1 Year	Nickel Nickel Teflon	RG6, Belden 9248	.290 Hex .042 Hex 3	13.70 0.03 0.01	8.91 8.22 7.88
496181 1 EACH	Trompeter Electronics UPL-240-020 1 Year	Nickel Nickel Teflon	RG6, Belden 9248	.344 O.D. Hex - .3480 I.D. for crimp sleeve ferrule maybe soldered 5	13.70 0.03 0.01	8.91 8.22 7.88
20615 1 EACH	Cambridge CPMC-TNC-13 1 Year	Nickel Gold	RG142,223,400, 55	Crimp (.213) Crimp (.060) 3	1.80 0.1 0.05	1.29 1.26 1.21
59008 1 EACH	Cambridge CPM-TNC-19 1 Year	Nickel Gold	RG174,188,316	Crimp (.184) Crimp (.060) 3	2.30 0.02 0.01	1.65 1.60 1.54
97401 1 EACH	Cambridge CPMC-TNC-16 1 Year	Nickel Gold Delrin/TPX	Proflex AA3096	Crimp (.255) Crimp (.060) 3	1.95 0.03 0.01	1.41 1.37 1.32
56510 100 PACK	Cambridge CPMC-TNC-16 1 Year	Nickel Gold Delrin/TPX	Proflex AA3096	Crimp (.255) Crimp (.060) 3	195.45 2.52 1.15	140.71 136.81 131.72
15713 1 EACH	RF Industries RFT-1203-1P 1 Year	Nickel Gold Delrin	Proflex AA3096	Crimp (.255) Crimp (.100) 2	3.60 0.02 0.01	2.52 2.09 1.98
32580 1 EACH	Cambridge CPMC-TNC-17 1 Year	Nickel Gold Delrin/TPX	RG8X, Mini 8	Crimp (.255) Crimp (.060) 3	1.80 0.04 0.02	1.28 1.24 1.20
28854 1 EACH	RF Industries RFT-1203-1X 1 Year	Nickel Gold Delrin	RG8X, Times LMR240	Crimp (.255) Crimp (.068)	3.45 0.03 0.01	2.40 1.99 1.89
53596 1 EACH	Times Microwave TC-400-TM-RA 5 Years	Nickel Silver	LMR400,DB,UF,FR	Crimp (.429) Solder Right Angle	20.00 0.3 0.14	14.60 14.00 13.80
77065 1 EACH	Times Microwave EZ-400-TM 1 Year	Nickel Silver PBT	LMR400, DB, UF, FR	Crimp (.429) Spring Finger 2	10.00 0.05 0.02	7.30 7.00 6.90
85622 1 EACH	Times Microwave TC-400-TM 5 Years	Nickel Silver Teflon	LMR400,DB,UF,FR	Crimp (.429) Solder	8.00 0.08 0.04	5.84 5.60 5.52

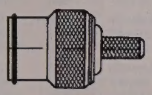
TNC Male Clamp/Solder Connectors



TNC connectors operate up to 4 GHz. 50 ohm impe unless noted.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)
16962 1 EACH	RF Industries RFT-1200 1 Year	Nickel Silver Teflon/TPX	RG58/U,58A/U, Ultralink	Clamp Solder	4.15 0.05 0.02
89369 1 EACH	Times Microwave TC-200-TMC 5 Years	Silver Gold	LMR200, LMR200MA, LMR200FR,	Clamp Solder 3	8.00 0.05 0.02
80461 1 EACH	RF Industries RFT-1201-1X 1 Year	Nickel Silver Teflon/TPX	RG8X, Times LMR240	Clamp Solder	4.95 0.05 0.02
35330 1 EACH	RF Industries RFT-1201-SI 1 Year	Silver Gold Teflon/TPX	Belden 9913, LMR400	Clamp Solder	9.85 0.05 0.02

TNC Male Quick Disconnect Connectors



TNC connectors typically operate up to 4 GHz. Thes disconnect males push onto the female TNC's rather screwing on.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)
39388 1 EACH	AIM Electronics Corp 27-9215 1 Year	Nickel Gold	RG58/U,58A/U, Ultralink	Crimp (.213) Crimp (.060)	3.00 0.04 0.02
71609 1 EACH	RF Industries RFT-1202-5 1 Year	Nickel Gold Delrin	RG58/U,58A/U, Ultralink	Crimp (.213) Crimp (.068)	3.45 0.05 0.02

TNC Male Twist-On Connectors

TNC connectors typically operate up to 4 GHz. Twist connectors require no soldering, crimping, or special t attach to cable.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)
NEW 482335 1 EACH	RF Industries RFT-1206 1 Year	Nickel Silver Delrin	RG58, RG141, LMR-195	Twist-On Twist-On 1	3.00 0.1 0.05

TNC Female Crimp Connectors

TNC connectors typically operate up to 4 GHz.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)
32475 1 EACH	RF Industries RFT-1216-1 1 Year	Nickel Gold Delrin	RG58/U,58A/U, Ultralink	Crimp (.213) Crimp (.068) 3	4.90 0.02 0.01
NEW 411376 10 PACK	AIM Electronics Corp 27-9046 1 Year	Nickel Gold	RG58/U,58A/U, Ultralink	Crimp (.213) Crimp (.068) 3	22.00 0.27 0.12

NEW = New Listing. Pricing for referen
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Connectors and Adapters for Braided Coax

product table (2 of 2)

Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Cambridge CP-TNC-89-1 1 Year	Nickel Gold Delrin/TPX	RG58/U,58A/U, Ultralink	Crimp (.320) Crimp (.211) 2	2.10 0.02 0.01	1.49 1.45 1.39
Times Microwave TC-200-TF 5 Years	Nickel Gold Teflon	LMR200, LMR200MA, LMR200FR	Crimp (.213) Solder	8.00 0.05 0.02	5.84 5.60 5.52
RF Industries RFT-1217-X 1 Year	Nickel Gold	Proflex, AA3096, Times LMR-240	Crimp (.255) Crimp (.068) 3	4.55 0.05 0.02	3.18 2.63 2.50
RF Industries RFT-1217-P 1 Year	Nickel Gold Delrin	Proflex, AA3096	Crimp (.255) Crimp (.068) 3	2.75 0.05 0.02	1.92 1.59 1.51

Female Bulkhead Connectors

TNC connectors typically operate up to 4 GHz. Bulkhead connectors mount through a hole in a panel.

Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
RF Industries RFT-1212-B 1 Year	Nickle Gold Teflon	RG174	Crinp Gold	5.90 0.05 0.02	4.11 3.40 3.23
RF Industries RFT-1212 1 Year	Nickel Gold Delrin	RG58, RG141 & Ultralink	Crimp (.213) Crimp (.100) 3	5.65 0.05 0.02	3.96 3.28 3.11
Times Microwave EZ-400-TF-BH 1 Year	Astroplate Gold PBT	RG59, RG62	Crimp (.255) Crimp (.068) 3	36.00 0.05 0.02	26.28 25.20 24.84

emale Clamp Connectors

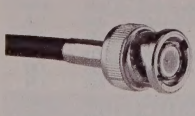
Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
RF Industries RFT-1214-I 1 Year	Silver Gold Teflon/TPX	Belden 9913, LMR400	Clamp Solder 3	5.85 0.05 0.02	4.10 3.40 3.22

BNC Connectors [410-33]

If you are buying these, you might need:

Power Meters ..... page 1421
Antenna Testers, SWR Meters ..... page 1419
Crimpers, Coaxial ..... page 1542

BNC Male Crimp Connectors



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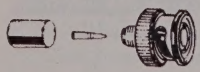

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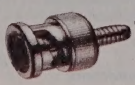
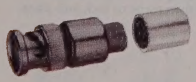


77404

77218



12865

BNC connectors operate up to 4 GHz. The male pushes onto the female, then turns to lock into place. 50 ohm impedance unless noted.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 23276 1 EACH	RF Industries RFB-1106-5	Nickel Gold Teflon	Rg174, RG316, & LMR100	Crimp .060 Crimp .130 & .178 (large ferrule) 3	3.90 0.05 0.02	2.71 2.25 2.13
30540 1 EACH	Cambridge CPM-88-19 1 Year	Nickel Gold Delrin/TPX	RG174, 188, 316	Crimp (.184) Crimp (.060) 3	1.95 0.02 0.01	1.41 1.37 1.32
91681 1 EACH	Cambridge CPMC-88-13 1 Year	Nickel Gold Delrin/TPX	RG142, 223, 400	Crimp (.213) Crimp (.060) 3	1.60 0.02 0.01	1.13 1.10 1.06
26860 1 EACH	Cambridge CPMC-88-1 1 Year	Nickel Gold Delrin/TPX	RG58, 141, Ultralink	Crimp (.213) Crimp (.060) 3	1.50 0.02 0.01	1.08 1.05 1.02
88028 1 EACH	RF Industries RFB-1106-2 1 Year	Nickel Gold Delrin	RG58/U, 58A/U, 141, Ultralink	Crimp (.213) Crimp (.068) 3	2.95 0.05 0.02	2.04 1.69 1.61
64760 10 PACK	RF Industries RFB-1106-2 1 Year	Nickel Gold	RG58/U, 58A/U, 141, Ultralink	Crimp (.213) Crimp (.068) 3	29.10 0.5 0.23	20.37 16.88 16.01
44909 1 EACH	Amphenol 31-320 1 Year	Astroplate Gold TFE	RG58, 141	Crimp (.213) Crimp (.068) 3	5.65 0.04 0.02	3.84 3.50 3.39
27572 1 EACH	Amphenol 31-320-RFX 1 Year	Nickel Gold Delrin	RG58, 141, 142A, Ultralink	Crimp (.213) Crimp (.068) 3	1.70 0.02 0.01	1.35 1.31 1.29
99931 1 EACH	RF Industries RFB-1106-2T 1 Year	Nickel Gold Teflon	RG58/U, 58A/U, 141, Ultralink	Crimp (.213) Crimp (.068) 3/UG178SU	3.40 0.02 0.01	2.36 1.95 1.85
49635 1 EACH	RF Industries RFB-1106-2ST 1 Year	Silver Gold Teflon	RG58/U, 58A/U, 141, Ultralink	Crimp (.213) Crimp (.068) 3/UG178SU	4.20 0.05 0.02	2.92 2.42 2.30
77404 1 EACH	Times Microwave TC-200-BM 5 Years	Silver Gold Teflon	LMR200 LFR200MA LMR200FR	Crimp (.213) Solder 3	6.60 0.14 0.06	4.81 4.61 4.54
79179 1 EACH	Amphenol 31-321-RFX 1 Year	Nickel Gold Delrin	RG59, 62 (75 ohm)	Crimp (.255) Crimp (.068) 3	1.70 0.04 0.02	1.35 1.31 1.29
77218 1 EACH	Cambridge CPMC-88-2 1 Year	Nickel Gold Delrin/TPX	RG59,62,140,210 (75 ohm)	Crimp (.255) Crimp (.060) 3	1.50 0.04 0.02	1.08 1.05 1.02
45974 1 EACH	RF Industries RFB-1707-2 1 Year	Nickel Gold Delrin	RG59, 62, 210 (75 ohm)	Crimp (.255) Crimp (.068) 3/UG1789U	2.95 0.05 0.02	2.04 1.69 1.61
83248 1 EACH	RF Industries RFB-1706-9 1 Year	Nickel Gold Delrin	RG59, 62, 210 (Quick Disconnect)	Crimp (.255) Crimp (.068) 3	3.65 0.05 0.02	2.55 2.11 2.00
72222 1 EACH	Cambridge CPMC-88-10 1 Year	Nickel Gold Delrin/TPX	RG59 TFE (75 ohm)	Crimp (.213) Crimp (.060) 3	1.50 0.04 0.02	1.08 1.05 1.02

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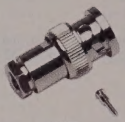
Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
93292	Amphenol	Astroplate	RG59, RG62 Ple-	Crimp (.255)	2.10	1.43
1 EACH	31-5900	Gold	num 50 & 75	Crimp (.068)	0.02	1.30
	1 Year	Delrin	Ohm	3	0.01	1.26
47336	RF Industries	Nickel	Proflex 800	Crimp (.255)	3.15	2.21
1 EACH	RFB-1107-1P	Gold	AA3094,Antenna	Crimp (.068)	0.05	1.83
	1 Year	Delrin	Spec K214	3	0.02	1.74
33829	Cambridge	Nickel	Proflex AA3096	Crimp (.255)	1.95	1.41
1 EACH	CPMC-88-16	Gold		Crimp (.060)	0.03	1.37
	1 Year	Delrin/TPX		3	0.01	1.32
37576	Cambridge	Nickel	RG8X Mini-8	Crimp (.255)	1.60	1.13
1 EACH	CPMC88-17	Gold		Crimp (.060)	0.02	1.10
	1 Year	Delrin/TPX		3	0.01	1.06
22462	RF Industries	Nickel	RG8/X, Micro 8U	Crimp (.255)	3.15	2.21
1 EACH	RFB-1107-1X	Gold	Belden 9258,	Crimp (.068)	0.05	1.83
	1 Year	Delrin	LMR-240	3	0.02	1.74
78990	Cambridge	Nickel	RG6 (75 ohm)	Crimp (.255)	2.30	1.65
1 EACH	CPMC-88-5	Gold		Crimp (.060)	0.04	1.60
	1 Year	Delrin/TPX		3	0.02	1.54
12865	Times Microwave	Nickel	LMR400,DB,UF,F	Crimp (.429)	16.00	11.68
1 EACH	TC-400-BM	Silver	R	Solder	0.3	11.20
	5 Years	Teflon			0.14	11.04

BNC Male Clamp/Solder Connectors

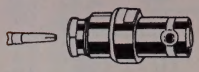
28166


91334

BNC connectors operate up to 4 GHz. The male pushes onto the female,then turns to lock into place.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
28166	RF Industries	Nickel	RG174,188,188A,	Clamp	5.15	3.58
1 EACH	RFB-1100-B	Gold	316	Solder	0.05	2.97
	1 Year	Teflon			0.02	2.82
11242	RF Industries	Silver	RG58/U, 58A/U,	Clamp	5.15	3.58
1 EACH	RFB-1100-2ST	Gold	141, Ultralink	Solder	0.05	2.97
	1 Year	Teflon		UG88	0.02	2.82
20997	RF Industries	Nickel	RG58/U, 58A/U,	Clamp	3.60	2.52
1 EACH	RFB-1100-2	Gold	141, Ultralink	Solder	0.05	2.09
	1 Year			UG88DU	0.02	1.98
30262	RF Industries	Nickel	RG58/U, 58A/U,	Clamp	10.90	7.61
1 EACH	RFB-1110-S	Gold	Ultra Link Right	Solder	0.05	6.31
	1 Year	Delrin	Angle	UG88DU	0.02	5.98
85275	Amphenol	Astroplate	RG58, 55, 141,	Clamp	4.70	3.19
1 EACH	31-202	Silver	142 223, 400	Solder	0.04	2.91
	1 Year	TFE		UG88C	0.02	2.82
91334	Radiall/Larsen	Nickel	RG58, 55, 141,	Clamp	4.45	2.61
1 EACH	BNC	Silver	142 223, 400	Solder	0.05	2.52
	1 Year	TFE		UG88C	0.02	2.44
33668	Amphenol	Astroplate	RG59, 62, 71	Clamp	4.60	3.13
1 EACH	31-212	Silver	140,210,302	Solder	0.04	2.86
	1 Year			UG260B	0.02	2.76
67446	RF Industries	Nickel	RG8/X, Micro 8U	Clamp (.255)	4.60	3.20
1 EACH	RFB-1101-1X	Gold	Belden 9258,	Solder	0.05	2.65
	1 Year	Delrin	LMR-240	3	0.02	2.51
54069	RF Industries	Nickel	RG8, 8A and 213	Clamp	10.15	7.11
1 EACH	RFB-1101-1EN	Gold		Solder (.100)	0.05	5.89
	1 Year				0.02	5.59
58123	Amphenol	Astroplate	RG8, 11, 213, 214	Clamp	15.85	10.76
1 EACH	6775	Silver		Solder	0.09	9.81
	1 Year	TFE		UG959	0.04	9.50
76063	RF Industries	Silver	9913, 9914, 8214,	Clamp	9.15	6.40
1 EACH	RFB-1101-1SI	Gold	3315 & LMR-400	Solder (.128)	0.05	5.30
	1 Year				0.02	5.03
18427	RF Industries	Silver	Belden 89913	Clamp	10.45	7.32
1 EACH	RFB-1101-PL	Gold	plenum cable	Solder	0.07	6.07
	1 Year	Teflon			0.03	5.75

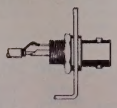
BNC Female Connectors



BNC connectors operate up to 4 GHz. The male push onto the female,then turns to lock into place. 50 ohm ance unless noted.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)
62849	RF Industries	Nickel	RG58/U, 58A/U,	Crimp (.213)	3.55
1 EACH	RFB-1123-1	Gold	141, Ultralink	Crimp (.068)	0.05
	1 Year	Teflon		3	0.02
71067	RF Industries	Nickel	Proflex Times	Crimp (.255)	3.10
1 EACH	RFB-1124-1P	Gold	AA3096	Crimp (.100)	0.05
	1 Year	Delrin		3	0.02
56093	RF Industries	Nickel	RG8X, Belden	Crimp (.255)	5.25
1 EACH	RFB-1124-1X	Gold	9258, LMR240	Crimp (.068)	1
	1 Year		UF	3	0.45

BNC Female Bulkhead Connectors

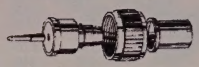

90995

BNC connectors operate up to 4 GHz. The male pushes ont female,then turns to lock into place. Mounts through a hole panel.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)
75610	RF Industries	Nickel	RG174/U	Crimp (.213)	8.30
1 EACH	RFB-1117-BT	Gold		Crimp (.068)	0.04
	1 Year	Teflon			0.02
61291	RF Industries	Nickel	RG58/U	Crimp (.213)	8.70
1 EACH	RFB-1117	Gold		Crimp (.068)	0.04
	1 Year	Delrin			0.02
57853	RF Industries	Nickel	Solder tab Insu-	Solder	3.45
1 EACH	RFB-1116-1	Gold	lated	Solder	0.05
	1 Year	ABS			0.02
90995	Amphenol	Astroplate	Solder tab.	Solder	4.15
1 EACH	31-2221	Silver		Solder	0.03
	1 Year	TFE		1094A	0.01

Mini UHF Connectors [410-34]

Crimp Connectors



Mini-UHF connectors operate up to 2 GHz.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)
NEW	RF Industries	Nickle	RG55, 142, 223	Crimp (.213)	4.60
430125	RFU-600-6C1	Gold	and 400/U	Crimp (.068)	0.05
1 EACH	1 Year	Teflon		3	0.02
10364	Radiall/Larsen	Nickel	RG58/U,58A/U,	Crimp (.213)	3.50
1 EACH	MPL CRIMP	Tin-Lead	Ultralink	Crimp (.052)	0.03
	1 Year	Polyprop.		3	0.01
19366	Cambridge	Nickel	RG58/U,58A/U,	Crimp (.213)	1.40
1 EACH	MINI-UHF-1	Nickel	Ultralink	Crimp (.060)	0.03
	1 Year	Plastic		4	0.01
70973	Cambridge	Nickel	RG58/U,58A/U,	Crimp (.213)	135.75
100 PACK	MINI-UHF-1/100	Nickel	Ultralink	Crimp (.060)	1.59
	1 Year	Plastic		4	0.72
96152	Cambridge	Black Nickel	RG58/U,58A/U,	Crimp (.213)	1.60
1 EACH	MINI-UHF-1B	Nickel	Ultralink	Crimp (.060)	0.01
	1 Year	Plastic		4	0
38332	RF Industries	Nickel	RG58/U, 58A/U,	Crimp (.213)	47.25
25 PACK	RFU-600-1	Silver	141, Ultralink	Crimp	1.25
	1 Year			AMP Style	0.57
61600	RF Industries	Nickel	RG58/U, 58A/U,	Crimp (.213)	1.90
1 EACH	RFU-600-1	Silver	141, Ultralink	Solder	0.05
	1 Year	Delrin		AMP Style	0.02
22174	RF Industries	Nickel	RG58/U, 58A/U,	Crimp (.213)	189.00
100 PACK	RFU-600-1	Silver	141, Ultralink	Crimp (.042)	3
	1 Year	Delrin		AMP Style	1.36
43139	RF Industries	Nickel	RG58/U, 58A/U,	Crimp (.213)	3.15
1 EACH	RFU-600-6	Silver	141, Ultralink	Crimp (.068)	0.05
	1 Year			3	0.02

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Connectors and Adapters for Braided Coax

product table (2 of 2)

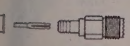
Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
RF Industries RFU-600-6 1 Year	Nickel Silver Delrin	RG58/U, 58A/U, 141, Ultralink	Crimp (.213) Crimp (.068) 3	312.00 0.05 0.02	218.40 180.96 171.60
Maxrad, Inc MUHF 1 Year	Nickel Nickel Plastic	RG58/U,58A/U, Ultralink	Crimp .213 Crimp .068 4	10.50 0.16 0.07	5.46 5.10 4.92
RF Industries RFU-600 1 Year	Nickel Gold Teflon	RG58	4	3.30 0.03 0.01	2.31 1.92 1.82
RF Industries RFU-600-2 1 Year	Black Gold Delrin	RG58	Crimp (.213) Crimp (.068) 4	2.65 0.03 0.01	1.85 1.54 1.46
Amphenol 81-115-N 1 Year	Nickel Gold TFE	RG58/U,58A/U, Ultralink	Crimp (.213) Crimp (.068) 4	2.20 0.02 0.01	1.74 1.70 1.66
Amphenol 81-115BK-1000 1 Year	Black Nickel Tin-Lead Polyprop.	RG58/U,58A/U, Ultralink	Crimp (.213) Crimp (.052) 4	2.40 0.03 0.01	1.91 1.86 1.83
Times Microwave TC-200-MUHF 5 Years	Nickel Gold Delrin	LMR200, LMR200FR, LMR200MA	Crimp (.213) Solder	1.50 0.14 0.06	1.10 1.05 1.04
RF Industries RFU-600-1P 1 Year	Nickel Silver Delrin	Proflex (58538) AA3096	Crimp (.255) Crimp (.068) 3	2.95 0.02 0.01	2.04 1.69 1.61
RF Industries RFU-600-1X 1 Year	Nickel Silver Delrin	RG8X	Crimp (.255) Crimp (.068) 3	3.10 0.05 0.02	2.15 1.78 1.69
Cambridge MINI-UHF-16 1 Year	Nickel Nickel Plastic	Proflex (58538) AA3096	Crimp (.255) Crimp (.060) 4	1.40 0.02 0.01	0.98 0.96 0.92
Cambridge MINI-UHF-17 1 Year	Nickel Nickel Plastic	RG8X, Mini8	Crimp (.255) Crimp (.060) 4	1.40 0.02 0.01	0.98 0.96 0.92
Times Microwave TC-240-MUHF 5 Years	Nickel Silver Delrin	LMR240, LMR240FR, LMR240MA	Crimp (.255) Solder	1.80 0.18 0.08	1.32 1.26 1.25
Cambridge MINI-UHF-2 1 Year	Nickel Gold Plastic	RG59 & Rg62	Crimp (.255) Crimp (.066) 3	1.55 0.02 0.01	1.10 1.07 1.03
Times Microwave TC-400-MUHF 5 Years	Nickel Silver Delrin	LMR400, LMR400UF, LMR400DB, LMR400FR	Crimp (.429) Solder	2.10 0.18 0.08	1.54 1.47 1.45

On Connectors

Mini-UHF connectors operate up to 2 GHz. These quick disconnect connectors push onto normal females rather than screwing on.

Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
AIM Electronics Corp 27-4034 1 Year	Nickel Nickel Plastic	RG58/U,58A/U, Ultralink	Crimp (.213) Crimp (.060) 3	2.60 0.02 0.01	1.88 1.82 1.76
RF Industries RFU-600-5 1 Year	Nickel Gold Delrin	RG58/U, 58A/U, 141, Ultralink	Crimp (.213) Crimp (.068) 3	2.85 0.05 0.02	1.98 1.64 1.56

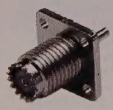
UHF Female Connectors



Mini-UHF connectors operate up to 2 GHz.

Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
RF Industries RFU-601-3 1 Year	Nickle Gold Teflon	RG174		5.25 0.05 0.02	3.67 3.04 2.88
Amphenol 81-116 1 Year	Nickel Tin-Lead Polyprop.	RG58	Crimp (.213) Crimp (.052) 3	3.25 0.02 0.01	2.19 2.00 1.94
RF Industries RFU-601-1 1 Year	Nickel Silver Delrin	RG58/U, 58A/U, 141, Ultralink	Crimp (.213) Crimp (.068) 3	2.00 0.05 0.02	1.39 1.15 1.09
AIM Electronics Corp 29-4030 1 Year	Nickel Nickel Plastic	RG58	Crimp (.213) Crimp (.060) 3	3.00 0.02 0.01	2.16 2.10 2.03

Mini-UHF Female Panel Recepticles



Mini-UHF connectors operate up to 2 GHz. These flange connectors have a square back for mounting to panels.

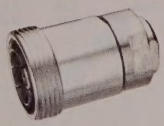
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
95251 1 EACH	Cambridge CP-FPM4H 1 Year	Nickel Nickel Delrin	Chassis Mount	Screw on Chassis Solder	0.85 0.02 0.01	0.59 0.57 0.55

7/16 DIN Connectors [410-35]

If you are buying these, you may need:

Power Meters . . . . . page 1421
Cable System Analyzers. . . . . page 1410

7/16 DIN Connectors



Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
34015 1 EACH	Times Microwave TC-400-716MC 5 Years	Silver plated Silver plated Teflon	LMR400	Clamp Solder	35.00 0.28 0.13	25.55 24.50 24.15
72408 1 EACH	Times Microwave TC-400-716FC 5 Years	Silver plated Silver plated Teflon	LMR400	Clamp Solder	40.00 0.3 0.14	29.20 28.00 27.60

SMA Connectors [410-36]

SMA Male Connectors

SMA connectors are good up to 18 GHz.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
451077 1 EACH	RF Industries RSA-3010-B 1 Year	Nickel Gold Teflon	RG-174, RG-188, RG-188A, RG-316	Crimp (.255) Solder 2	8.90 0.05 0.02	6.23 5.17 4.90
75860 1 EACH	RF Industries RSA-3000-B 1 Year	Nickel Gold Teflon	RG174, 188, 188A and 316	Crimp (.130) Solder 3	4.25 0.05 0.02	2.97 2.46 2.33
26762 1 EACH	AIM Electronics Corp 29-3103 1 Year	Nickel Gold	RG174	Crimp Crimp	3.95 0.18 0.08	2.85 2.77 2.67
61530 1 EACH	Cambridge 28-5022 1 Year	Brass Gold TPX	RG55,142, 223, 400	Crimp (.213) Crimp (.045) 3	7.35 0.01 0	5.29 5.14 4.95
49275 1 EACH	RF Industries RSA-3000-C1 1 Year	Nickel Gold Teflon	RG142, 55, 223 & 400	Crimp .213" Solder 3	4.75 0.05 0.02	3.30 2.74 2.60
37467 1 EACH	RF Industries RSA-3000-C 1 Year	Nickel Gold Teflon	RG58,141, Ultralink	Crimp (.213) Solder 3	4.75 0.05 0.02	3.30 2.74 2.60
86216 1 EACH	AIM Electronics Corp 29-3100 1 Year	Brass Gold	RG58,141 Ultralink	Crimp (.210) Crimp (.045) 3	6.50 0.02 0.01	4.68 4.55 4.39

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 99884 1 EACH	RF Industries RSA-3010-C 1 Year	Nickle Gold Teflon	RG58, 141 & LMR-195	Crimp Crimp Right Angle	7.95 0.05 0.02	5.56 4.60 4.37
460029 1 EACH	Amphenol Connex 132-122-10 30 Days	Long Barrel	RG58, Use with Breezecom Radios		7.90 0.02 0.01	5.36 4.89 4.73
55222 1 EACH	RF Industries RSA-3000-X 1 Year	Nickel Gold Teflon	RG-8X, 30, LMR240	Crimp (.255) Solder 3	4.75 0.05 0.02	3.32 2.75 2.61
93615 1 EACH	RF Industries RSA-3010-X 1 Year	Nickel Gold Teflon	RG8X, 8X/U, LMR-240, Belden 9258	Crimp (.255) Solder 2	12.05 0.01 0	8.41 6.97 6.61
97637 1 EACH	Times Microwave TC-200-SMG 5 Years	Gold Gold Teflon	LMR200,MA,FR	Crimp (.213) Solder	10.00 0.14 0.06	7.30 7.00 6.90
483127 1 EACH	RF Industries RSA-3010-C2 1 Year	Nickel Gold Teflon	LMR-200	Crimp (.255) Solder 2	9.25 1 0.45	6.46 5.35 5.08
30504 1 EACH	Times Microwave TC-400-SM 5 Years	Nickel Gold Teflon	LMR400, LMR400UF, LMR400DB, LMR400FR	Crimp (.429) Solder	18.00 0.3 0.14	13.14 12.60 12.42
461054 1 EACH	Amphenol Connex 132-299-10 30 Days	Long Barrel	LMR400, Use with Breezecom Radios		8.10 0.02 0.01	5.51 5.03 4.86
410143 1 EACH	RF Industries RSA-3000-I 1 Year	Nickel Gold Teflon	RG-8/U, 9913, WBC400, WBC-400R, Ultralink TL93605, AA-5886, AA-6146, LMR400, LMR400 Ultra	Crimp (.429) Solder 3	9.50 0.25 0.11	6.65 5.51 5.22

SMA Female Connectors

SMA connectors operate up to 18 GHz.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
33054 1 EACH	RF Industries RSA-3050-B 1 Year	Nickel Gold Teflon	RG174, RG188, RG316	Crimp (.130) Solder	6.80 0.05 0.02	4.74 3.93 3.72
26751 1 EACH	RF Industries RSA-3050-C 1 Year	Nickel Gold Teflon	RG58, 141, Ultralink	Crimp (.255) Solder	6.95 0.05 0.02	4.84 4.01 3.81
48878 1 EACH	RF Industries RSA-3050-X 1 Year	Nickel Gold Teflon	RG-8X, 30, LMR240	Crimp (.255) Solder 3	7.35 0.05 0.02	5.14 4.26 4.04

Reverse Gender Connectors [410-37]

If you are buying these, you may need:

Power Meters. . . . . .page 1421

BNC Female Connectors

Reverse polarity connectors to be used with ISM band equipment.

• Female Body, Male Pin

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
84727 1 EACH	Amphenol Connex 112-144RP 1 Year	Nickel Gold TFE	RG58	Crimp (.213) Crimp (.068) 3 pcs.	12.00 0.03 0.01	7.80 7.20 6.90

BNC Male Connectors

Reverse polarity connectors to be used with ISM band equipment.

• Male Body, Female Pin

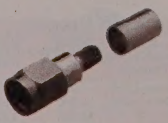
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)
61528 1 EACH	Amphenol Connex 112-116RP 1 Year	Nickel Gold	RG58	Crimp (.213) Crimp (.068) 3 pcs.	15.00 0.03 0.01
69975 1 EACH	Amphenol 31-5705 1 Year	Brass Brass TFE	RG-58,141	Crimp (.213) Crimp (.068) 4	11.50 0.02 0.01

SMA Female Connectors

• Female Body, Male Pin

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)
NEW 423009 1 EACH	Amphenol Connex 132236RP 30 Days	Steel Gold Plate Teflon	LMR-200	Crimp Solder 2 Pc.	3.60 0.02 0.01
485109 1 EACH	RF Industries RP-3050-1B 1 Year	Nickel Gold	RG174, RG188, RG316	Crimp (.130) Solder	6.55 0.05 0.02
432126 1 EACH	RF Industries RP-3050-1C 1 Year	Gold Gold Teflon	RG58, RG141, Times LMR195	Crimp (.213) Solder	6.10 0.05 0.02
443165 1 EACH	RF Industries RP-3252-1C 1 Year	Nickle Gold	RG58, Rg141 Times LMR 195	Crimp (.213) Solder	8.40 0.05 0.02

SMA Male Connectors



Reverse polarity/Rev thread connectors to be used w band equipment.

• Male Body, Female Pin

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)
36959 1 EACH	Amphenol 901-9884 5 Years	St Steel Gold TFE	RG55,142,223, 400	Crimp (.213) Solder 2 Pc.	29.65 1 0.45
NEW 46633 1 EACH	RF Industries RP-3000-C1 1 Year	Gold Gold Teflon	RG142, 55, 223, 400/U & Belden 8219	Crimp Solder 3	6.05 0.05 0.02
54220 1 EACH	RF Industries RT-3000-1C1 1 Year	Nickel Gold Teflon	RG55, 142, 223, Belden 7806A, 9907, 83242, 84142, Rev Thread	Crimp Captivated 2 Pc.	5.35 0.05 0.02
466016 1 EACH	RF Industries RP3000B 1 Year	Silver Gold TFE	RG-174/U	Crimp (.213) Crimp (.030) 2	5.75 0.08 0.04
NEW 493177 1 EACH	RF Industries RP-3000-1C 1 Year	Nickel plated body Gold	RG58, 141 and Times LMR195 cables.		6.70 0.01 0
19576 1 EACH	Times Microwave TC-200-SM-RP 5 Years	Silver Gold Teflon	LMR-200 Reverse Polarity Pin	Crimp (.213) Solder	13.00 0.02 0.01

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Connectors and Adapters for Braided Coax

product table (2 of 2)

Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
RF Industries RP-3000-I I Year	Brass / Nickel Plated Be-CU / Gold Plated PTFE Teflon	Belden 8214, 9913, 9913F, 9914, RG-8/U Type, Times LMR-400, AA-5886, Carol C1180	Crimp (.429) crimp or solder CRIMP (.118) three	11.95 0.25 0.11	8.37 6.94 6.58

Female Connectors

Reverse polarity connectors for use with ISM equipment.

body, Male Pin

Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
RF Industries RP-1212-C1 I Year	Brass - -	RG142	Crimp (.325) - 2	6.05 0.05 0.02	4.21 3.49 3.31
Amphenol 31-5686 I Year	Brass Brass TFE	RG-178 Blkd. Jack	Crimp (.151) Crimp (.068) 2	15.85 0.02 0.01	10.76 9.81 9.50
Amphenol 31-5685 I Year	Brass Brass TFE	RG-178 Panel Mount	Crimp (.151) Crimp (.068) 2	8.95 0.02 0.01	6.08 5.54 5.36
Amphenol Connex 122409-RP I Year	Nickel Gold TFE	LMR240, RG8X	Crimp (.255) Crimp (.068) 3 pcs.	3.00 0.03 0.01	2.04 1.86 1.80
RF Industries RP-1212-C I Year	Nickel Gold TFE	RG58, 141 & LMR195	Crimp (.213) Crimpo (.068) 2	4.75 0.05 0.02	3.32 2.75 2.61
Amphenol 31-5684 I Year	Nickel Gold TFE	Belden 9913, LMR-400	Crimp (.429) Crimp (.116) 3 pcs.	12.15 0.03 0.01	8.25 7.52 7.28
Amphenol 31-5678 I Year	Brass Brass TFE	RG-58	Crimp (.213) Crimp (.068) 3	17.80 0.02 0.01	12.10 11.03 10.68
Times Microwave EZ-400-TF-RP I Year	Silver Gold TFE	LMR-400, Belden 9913, 8240	Crimp (.429) Captivated 2	15.00 0.05 0.02	10.95 10.50 10.35
RF Industries RP-1216-I I Year	Nickel Gold Teflon	9913 & LMR400	Crimp (.429) Crimp (.118) 2	6.00 0.05 0.02	4.20 3.48 3.30
RF Industries RMC-6010-B	Brass / Nickel Copper / Gold Plated PTFE	RG-174, 188, 188A, 316/U, ALPHA 9174, 9316, BELDEN 8216, 83269, 83284, 84316, Times Micro-wave LMR-100A	Brass / Nickel Plated Copper / Gold Plated four	5.65 0.01 0	5.22 5.17 5.08

Male Connectors

Reverse polarity connectors to be used with ISM band equipment.

y, Female Pin

product table (1 of 2)

Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Amphenol 31-5677-1000 I Year	Nickel Gold TFE	RG142	Crimp (.213) Crimp (.068) 3	11.50 0.03 0.01	7.82 7.13 6.90
Amphenol 31-5677 I Year	Nickel Gold TFE	RG58/U,58A/U, Reverse Gender	Crimp (.213) Crimp (.068) 3	8.90 0.03 0.01	6.06 5.52 5.34
Times Microwave EZ-200-TM-RP I Year	Silver Gold	LMR-200	Crimp (.213) Captivated 2	10.50 0.08 0.04	7.67 7.35 7.25
Times Microwave EZ-200-TF-RP I Year	Silver Gold TFE	LMR-200	Crimp (.213) Captivated 2	10.50 0.08 0.04	7.67 7.35 7.25

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
466038 I EACH	RF Industries RP1202-L6 I Year	Silver Gold TFE	LMR-300	Crimp (.213) Crimp 2	7.20 0.08 0.04	5.04 4.18 3.96
33681 I EACH	Times Microwave EZ-400-TM-RP I Year	Silver Gold TFE	LMR-400, Belden 9913, 8240	Crimp (.429) Captivated 2	13.00 0.05 0.02	9.49 9.10 8.97
41673 I EACH	Amphenol 31-5679 I Year	Nickel Gold TFE	Belden 9913, LMR400	Crimp (.429) Solder 3	13.40 0.03 0.01	9.12 8.31 8.04
423199 I EACH	RF Industries RP-1202-I I Year	Nickel Gold Teflon	9913 & LMR400	Crimp (.429) Crimp (.118) 2	9.20 0.05 0.02	6.44 5.33 5.06
68715 I EACH	Amphenol Connex 122-393RP I Year	Nickel Gold TFE	9913/LMR400	Crimp (.429) Crimp (.118) 3 pcs.	9.05 0.06 0.03	5.88 5.43 5.20

FME Connectors & Adapters [410-38]

If you are buying these, you may need:

Power Meters ..... page 1421

FME Male Crimp Connectors

These FME connectors crimp onto standard RG-sized cables. FME connectors are also known as ACC or nipple connectors. FME males have a small pin. FME females are hollow, fit inside the male and surround the pin, and come attached to the cable on many mobile antenna mounts.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
31944 I EACH	RF Industries RFE-6000-C I Year	FME female crimp RG58/URG58A/U, RG141, Ultralk	3.70 0.07 0.03	2.57 2.13 2.02

FME Nipple Connectors and Adapters

FME connectors and Adapters

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
93672 I EACH	Radiall/Larsen FB I Year	BNC Male - FME Male	6.00 0.05 0.02	3.54 3.42 3.30
12271 I EACH	Andrew Wireless ACC-11 I Year	Mini-UHF Male - FME Male	1.70 0.05 0.02	1.19 1.08 1.06
26325 I EACH	AleEv (formerly MTU) 80195 I Year	Mini-UHF Fem - FME Fem	6.50 0.02 0.01	2.60 2.42 2.26
55279 I EACH	Radiall/Larsen FM I Year	Mini-UHF Male - FME Male	5.20 0.02 0.01	3.05 2.95 2.85
76078 50 PACK	Andrew Wireless ACC-11/50 PK I Year	Mini-UHF Male-FME Male 50 pk	85.00 2.5 1.14	59.50 53.13 52.45
70289 I EACH	Andrew Wireless ACC-13 I Year	N Male - FME Male	7.70 0.05 0.02	5.91 5.73 5.50
81707 I EACH	Radiall/Larsen FSM I Year	SMA Male - FME Male	5.20 0.05 0.02	3.05 2.95 2.85
50664 I EACH	Andrew Wireless ACC-12 I Year	SMA Female - FME Male	3.60 0.05 0.02	2.50 2.25 2.21
10806 I EACH	RF Industries RFT-1240 I Year	TNF Fem. - FME Fem.	7.70 0.05 0.02	5.37 4.45 4.22
37685 50 PACK	Andrew Wireless ACC-10/50 PK I Year	TNC Male-FME Male-50pk	96.00 2.5 1.14	67.20 60.00 59.24

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
42065	Radiall/Larsen	TNC Male - FME Male	5.20	3.05
1 EACH	FT		0.05	2.95
	1 Year		0.02	2.85
63878	Andrew Wireless	TNC Male - FME Male	1.95	1.35
1 EACH	ACC-10		0.05	1.21
	1 Year		0.02	1.19
80458	Radiall/Larsen	UHF Male - FME Male	5.20	3.05
1 EACH	FP		0.05	2.95
	1 Year		0.02	2.85

FME Female Crimp Connectors

These FME connectors crimp onto standard RG-sized cables. FME connectors are also known as ACC or nipple connectors. FME males have a small pin. FME females are hollow, fit inside the male and surround the pin, and come attached to the cable on many mobile antenna mounts.

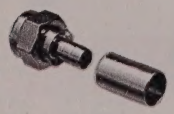
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
70337	RF Industries	FME female crimp RG58/URG58A/U, RG141, Ultralk	3.15	2.21
1 EACH	RFE-6050-C		0.01	1.83
	1 Year		0	1.74
33145	Radiall/Larsen	FME female crimp for RG58.	3.50	2.07
1 EACH	FME CRIMP		0.02	1.95
	1 Year		0.01	1.93

F Connectors [410-39]

If you are buying these, you might need:

Power Meters.....page 1421
Crimpers, Coaxial .....page 1542
Cable Ties.....page 1745

F Male Connectors (1/2" Crimp Ring)



Type F connectors with a separate 1/2" crimp ring. 75 ohm impedance.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
10323	Cambridge	Brass	RG59	Crimp (.325)	0.30	0.22
1 EACH	CPF-59-1/2	-		-	0.05	0.21
	1 Year	-		2	0.02	0.21
17216	Cambridge	Brass	RG59	Crimp (.325)	29.75	21.40
100 PACK	CPF-59-1/2	-		-	5	20.80
	1 Year	-		2	2.27	20.03
55303	Cambridge	Nickel	RG11	Crimp (1/5")	0.70	0.51
1 EACH	25-7190				0.05	0.49
	1 Year			1	0.02	0.48

F Male Connector W/Crimp Ring

Type F connectors with an attached 1/2" crimp ring. Connector has 75 ohm impedance.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
29092	Cambridge	Nickel plated	RG59	Crimp (.325)	0.40	0.27
1 EACH	25-7030	-		-	0.05	0.26
	1 Year	-		1	0.02	0.25
55609	Cambridge	Nickel plated	RG59	Crimp (.325)	29.00	20.88
100 PACK	CPF-59-ALM	-		-	5	20.30
	1 Year	-		1	2.27	19.55

Continuing product table (2 of 2)

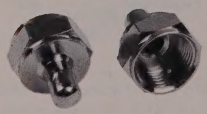
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)
42685	Cambridge	Nickel plated	RG11	Crimp (.448)	3.75
1 EACH	25-7191	-		-	0.05
	1 Year	-		1	0.02
80699	Cambridge	Nickel plated	RG6	Crimp (.215)	0.40
1 EACH	25-7032	-		-	0.05
	1 Year	-		1	0.02
94002	Cambridge	Nickel plated	RG6	Crimp (.215)	29.00
100 PACK	25-7032/100 PK.	-		-	5
	1 Year	-		1	2.27
22446	Cambridge	Nickel plated	RG6 Quad	Crimp (.325)	0.40
1 EACH	CPF-56-ALS	-		-	0.05
	1 Year	-		1	0.02

"F" Adapters

Type "F" adapters.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)
42214	Cambridge	Brass	F/female - F/	Screw-On	0.35
1 EACH	25-7200	Brass	female	Screw-On	0.02
	1 Year	-		1	0.01
80788	Cambridge	Brass	F/female - F/	Screw-On	27.45
100 PACK	CPF81 100PK	Brass	female	Screw-On	5
	1 Year	-		1	2.27
415156	Stirling Connectors	Nickel	F Female - F		70.50
100 PACK	USA		Female Up to 2		5
	SF-81-HP		GHz	1	2.27
	1 Year				
499194	Stirling Connectors	Nickel	F/M to F/F Right		141.00
100 PACK	USA		Angle		5
	SF-81-MF-90			1	2.27
	1 Year				
36586	AIM Electronics	Brass	F/male - BNC/	-	2.40
1 EACH	Corp	Brass	female	-	0.06
	27-8100	-		1	0.03
	1 Year				
34054	AIM Electronics	Brass	F/female - N male	-	6.60
1 EACH	Corp	Brass		-	0.1
	26-8020	-		1	0.05
	1 Year				

F Terminations



1/2 watt F series RF termination. Use to terminate u
female ports.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)
452154	Stirling Connectors	Nickel	1/2 Watt Load		27.00
100 PACK	USA				6
	STR-59			1	2.73
	1 Year				

F Connector for LMR400-75 Cable

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)
NEW	Times Microwave	Nickel	LMR400-75	Crimp	18.00
474375	EZ400-FM-75	Silver		Captivated	0.05
1 EACH	5 Year			2	0.02

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SPL Connectors [410-40]

f you are buying these, you may need:

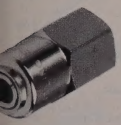
ower Meters.....page 1421

Connectors for RG59/RG6

SPL connectors have been tested to SCTE and Bellcore standards and test data confirms that they exceed all minimum industry required specifications for electrical, mechanical and environmental performance. Features nickel plated brass construction, UV stabilized, color coded "O" ring for weatherseal and easy identification. Hex nut is in accordance with 7/16" industry standard.

Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Stirling Connectors USA SF-59-C-295 1 Year	Brass - -	RG59	Crimp (.325) - 2	0.40 0.08 0.04	0.29 0.27 0.24
Stirling Connectors USA SPL-59 1 Year	Nickel N/A N/A	RG59	Compression N/A 1	76.00 8 3.64	39.98 35.04 32.00
Stirling Connectors USA SPL-6 1 Year	Nickel N/A N/A	RG6	Compression N/A 1	0.90 0.08 0.04	0.47 0.41 0.38
Stirling Connectors USA SPL-6 1 Year	Nickel N/A N/A	RG6	Compression N/A 1	76.00 8 3.64	39.98 35.04 32.00
Stirling Connectors USA SPL-6-Q 1 Year	Nickel N/A N/A	RG6 Quad Shield	Compression N/A 1	76.00 8 3.64	39.98 35.04 32.00

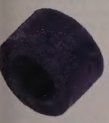
Connectors for RG11



SPP connectors have been tested to SCTE and Bellcore standards and test data confirms that they exceed all minimum industry required specifications for electrical, mechanical and environmental performance. Features nickel plated brass construction, UV stabilized, color coded "O" ring for weatherseal and easy identification. Hex nut is in accordance with 7/16" industry standard.

Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Stirling Connectors USA SPP-11 1 Year	Nickel N/A N/A	RG11	Compression N/A 1	774.00 15 6.82	407.13 356.82 325.86
Stirling Connectors USA SPP-11 1 Year	Nickel N/A N/A	RG11	Compression N/A 1	85.00 1.5 0.68	44.71 39.19 35.79

es and Ground Blocks



Weatherproof sleeves for F ports. Made of UV stabilized EPDM rubber. Available in two sizes. Ground blocks have solid zinc casting with an all brass F-81 splice. Ground port can accept #6 AWG wire. Mounting screws are provided. Single and dual port versions.

product table (1 of 2)

Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Stirling Connectors USA S-WRS-S 1 Year	EPDM Rubber	F Ports	.250" Long 1	19.00 1 0.45	10.00 8.76 8.00
Stirling Connectors USA S-WRS-L 1 Year	EPDM Rubber	F Ports	.425" Long 1	19.00 0.17 0.08	10.00 8.76 8.00

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
492196 100 PACK	Stirling Connectors USA SF-81-GB-1 1 Year	Brass	F Female - F Female	Single Port 1	119.50 5 2.27	62.86 55.09 50.31
483110 100 PACK	Stirling Connectors USA SF-81-GB-2 1 Year	Brass	F Female - F Female	Dual Port 1	214.50 10 4.54	112.83 98.89 90.31

SMB Connectors [410-42]

SMB Male Connectors

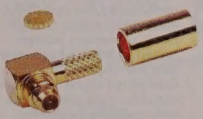
483010

SMB male connectors up to 4 GHz

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) No Pieces	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **483010** 1 EACH	RF Industries RSB-4000-B-03	Brass / Nickel 100 Micron BeCu / Gold 30 Micron PTFE	RG-174, 188, 188A, 316/U, ALPHA 9174	.130 .028	5.35 0.1 0.05	3.73 3.09 2.93

MMCX Connectors [410-43]

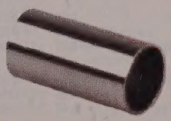
MMCX Crimp Plugs



Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Material (Body) Material (Pin) Material (Insulation)	For Cable	Connection (Body) Connection (Pin) Pieces/UG	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **494387** 1 EACH	RF Industries RP90001B one year	Gold Gold Teflon	RG174/316	Crimp Solder 3	8.70 0.08 0.04	6.07 5.03 4.77
NEW **52166** 1 EACH	RF Industries RMX-9010-1B 1 Year	Brass Brass PTFE	RG-174, 188, 316/U, LMR100	Crimp Solder 2	3.20 0.2 0.09	2.95 2.91 2.87
NEW **22162** 1 EACH	Amphenol 908-41300	Gold Gold PTFE	RG174, 316	Crimp Solder 2	11.40 0.02 0.01	7.76 7.07 6.84

Ferrules [410-44]

Ferrules



RG58 crimp connectors not fitting on RG142 cables? The RG58 ferrule is the problem. Purchase replacement ferrules below rather than buy a whole new connector.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
84999 1 EACH	RF Industries FER-10C1 1 Year	Crimp ferrule that allows RG58 connectors to fit on RG142/U,RG58B/U and RG223/U cables. Nickel plated.	0.50 1 0.45	0.34 0.28 0.27
63972 25 PACK	RF Industries FER-10C1 1 Year	Crimp ferrule that allows RG58 connectors to fit on RG142/U,RG58B/U and RG223/U cables. Nickel plated. Pack of 25.	12.00 0.01 0	8.40 6.96 6.60
33392 1 EACH	RF Industries FER-20C1 1 Year	Crimp ferrule that allows RG58 connectors to fit on RG142/U,RG58B/U and RG223/U cables. Silver plated.	0.50 0.02 0.01	0.34 0.28 0.27

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
12365 25 PACK	RF Industries FER-20C1 1 Year	Crimp ferrule that allows RG58 connectors to fit on RG142/U,RG58B/U and RG223/U cables. Silver plated. Pack of 25.	12.00 0.01 0	8.40 6.96 6.60

Strain Reliefs [410-50]

Cable Strain Reliefs and Boots

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
98329 100 PACK	AIM Electronics Corp 25-B58	For RG58 and RG141. Black. Test 66	14.30 0.4 0.18	13.34 12.99 12.82
59936 100 PACK	Cambridge CP-7958BK	For RG58 and RG141 BNC connectors. Black.	15.45 0.5 0.23	14.40 14.03 13.85

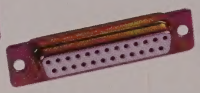
D SUB Connectors [410-60]

If you are buying these, you might need:

Soldering,Desoldering,Hot-Air Systems . . . . . .page 1670

D SUB Connectors

40417



78810

AIM Electronics offers a high performance, low cost D-Subminature connector. All AIM D-sub connectors incorporated a UL94/V-O, flame retardant thermoplastic insulator. Gold plated contacts. All male connectors are pressfit style with grounding indents to assure connection every time.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Pieces/UG Sex	Material (Body) Material (Pin) For Cable	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 491352 1 EACH	AIM Electronics Corp 40-9709M 1 yr.	DB9S Male	Copper Gold Solder Type	0.85 0.02 0.01	0.53 0.50 0.48
NEW 453322 1 EACH	AIM Electronics Corp 40-9709S 1 yr.	DB9S Female	Copper Gold Solder Type	0.65 0.02 0.01	0.40 0.38 0.37
NEW 466169 1 EACH	AIM Electronics Corp 40-9715M 1 yr.	DB15P Male	Copper Gold Solder Type	0.75 0.05 0.02	0.47 0.44 0.43
NEW 429310 1 EACH	AIM Electronics Corp 40-9915M 1 yr.	DB15P Male	Tin Plated Gold Crimp Type	0.75 0.05 0.02	0.47 0.44 0.43
NEW 447170 1 EACH	AIM Electronics Corp 40-9715S 1 yr.	DB15S Female	Copper Gold Solder Type	0.85 0.05 0.02	0.53 0.50 0.48
NEW 431318 1 EACH	AIM Electronics Corp 40-9915S 1 yr.	DB15S Female	Tin plated Gold Crimp Type	0.75 0.05 0.02	0.47 0.44 0.43
40417 1 EACH	AIM Electronics Corp 40-9725M 1 yr.	DB25P Male	Copper Gold Solder Type	0.95 0.05 0.02	0.59 0.56 0.54
NEW 498393 1 EACH	AIM Electronics Corp 40-9925M 1 yr.	DB25P Male	Tin Plated Gold Crimp Type	0.75 0.05 0.02	0.47 0.44 0.43
78810 1 EACH	AIM Electronics Corp 40-9725S 1 yr.	DB25S ffemale	Copper Gold Solder Type	1.00 0.05 0.02	0.62 0.58 0.57

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Pieces/UG Sex	Material (Body) Material (Pin) For Cable	List ($) Wt. (lbs) Wgt. (kg.)
NEW 441346 1 EACH	AIM Electronics Corp 40-9925S 1 yr.	DB25S Female	Tin Plated Gold Crimp Type	0.80 0.05 0.02
NEW 427328 100 PACK	AIM Electronics Corp 40-9866S 1 yr.	Female	100 Pk of Female Crimp Pins	6.20 0.4 0.18
NEW 484307 100 PACK	AIM Electronics Corp 40-9856M 1 yr.	Male	100 Pk of Male Crimp Pins	5.90 0.4 0.18

D SUB Hoods

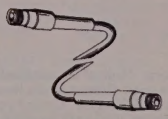
92024

AIM Electronics offers D-Subminature connector hoods tic or metalized plastic versions. Includes all assembly har Long thumb screws are available as an option.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Pieces/UG Sex	Material (Body) Material (Pin) For Cable	List ($) Wt. (lbs) Wgt. (kg.)
NEW 488300 1 EACH	AIM Electronics Corp 40-9709H 1 yr.	hood shell	Plastic - Hoodshell for use with DB9P or DB9S	0.65 0.05 0.02
NEW 439363 1 EACH	AIM Electronics Corp 40-9709HS 1 yr.	hood shell	Metalized Plastic - Hoodshell for use with DB9P or DB9S	1.15 0.05 0.02
NEW 474144 1 EACH	AIM Electronics Corp 40-9715H 1 yr.	hood shell	Plastic - Hoodshell for use with DB15P or DB15S	0.80 0.05 0.02
NEW 465393 1 EACH	AIM Electronics Corp 40-9715HS 1 yr.	hood shell	Metalized Plastic - Hoodshell for use with DB15P or DB15S	1.25 0.05 0.02
92024 1 EACH	AIM Electronics Corp 40-9725H 1 yr.	hood shell	Plastic - Hoodshell for use with DB25P or DB25S	0.80 0.48 0.22
NEW 419353 1 EACH	AIM Electronics Corp 40-9725HS 1 yr.	hood shell	Metalized Plastic - Hoodshell for use with DB25P or DB25S	1.30 0.48 0.22
NEW 475310 1 PAIR	AIM Electronics Corp 40-9844T 1 yr.	- -	Chrome plated - Long Thumb Screws for Hoods	0.60 0.02 0.01

Jumper Assemblies - Braided Coax [412-92]

RG Jumpers



RG jumper assemblies are made of small diameter cab braided outer conductors. These jumpers are highly fl and are used for interconnecting hardware. We can als RG jumper cables and assemblies to meet your exact and connector requirements.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Cable Length Cable Type	Connectors Description	List ($) Wt. (lbs) Wgt. (kg.)
79480 1 EACH	TESSCO Services RG8-NMNF3 1 Year	RG 8 3'	N/M-N/F	21.20 0.81 0.37
27873 1 EACH	TESSCO Services RG8-NM6 1 Year	RG 8 6'	N/M-N/M	23.30 1.5 0.68
42536 1 EACH	TESSCO Services VB8JUMPER-N8 1 Year	Vapor-Bloc RG8 8'	N/M-N/M	47.35 1.09 0.5
456111 1 EACH	TESSCO Services RG58J-NMRPTM 1 Year	RG58 3'	N/M-RPT/M	26.65 0.5 0.23
466073 1 EACH	TESSCO Services RG142J24-BB 1 Year	RG142B/U 2'	B/M - B/M	15.35 0.4 0.18

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FAX 410-527-0005
WWW.TESSCO.COM

NEW = New Listing. Pricing for referen
See TESSCO.com for latest pricing and p
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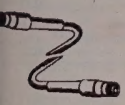
g product table (2 of 2)

Manufacturer Mfg. P/N Warranty	Cable Length Cable Type	Connectors Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
TESSCO Services RG142J-NB 1 Year	RG142B/U 2'	N/M - B/M	20.95 0.5 0.23	14.66 13.62 12.57
TESSCO Services RG142J-NT 1 Year	RG142B/U 3'	N/M - T/M	23.00 0.5 0.23	16.10 14.95 13.80
TESSCO Services RG142J-N3 1 Year	RG142B/U 3'	N/M-N/M	31.50 0.5 0.23	22.05 20.47 18.90
TESSCO Services RG142J36-BB 1 Year	RG142B/U 3'	B/M - B/M	17.40 0.5 0.23	12.16 11.30 10.43
TESSCO Services RG214JUMPER-N4	RG214 4'	N/M-N/M	30.15 5 2.27	22.76 22.31 21.86
Decibel Products DB11391 1 Year	RG 214/U 8'	N/M-N/M	83.75 1 0.45	67.00 64.07 62.40
TESSCO Services RG214-J-N8 1 Year	RG 214/U 8'	N/M-N/M	57.40 1.42 0.65	40.18 37.31 34.44
TESSCO Services RG393J-N3 1 Year	RG393/U 3'	N/M-N/M	57.70 0.81 0.37	40.39 37.50 34.62
TESSCO Services RG393J-N6 1 Year	RG393/U 6'	N/M-N/M	58.75 1 0.45	41.10 38.17 35.23
TESSCO Services RG393J-D6 1 Year	RG393/U 6'	D/M-D/M	141.05 0.81 0.37	98.74 91.69 84.63
TESSCO Services RG393J-N8 1 Year	RG393/U 8'	N/M-N/M	102.15 1 0.45	71.50 66.40 61.29
TESSCO Services RG393J-N10 1 Year	RG393/U 10'	N/M-N/M	123.15 1.4 0.64	86.20 80.05 73.89

s LMR Jumpers



Jumpers made from LMR series cable are ideal for use between main feeder cable and antennas. The LMR cable, with it's braided outer conductor, provides a jumper that combines low loss with high flexibility. All of the jumpers are built by our expert technicians.

Manufacturer Mfg. P/N Warranty	Cable Length Cable Type	Connectors Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
TESSCO Services AE-12807-3 1 Year	3/8" LMR-400 3'	N/M-N/M Crimp	17.95 1 0.45	13.44 12.53 12.17
TESSCO Services LMR4JU-N3 1 Year	3/8" LMR-400 3'	N/M-N/M Solder/Clamp	26.00 0.65 0.3	19.48 18.16 17.64
TESSCO Services AE-127603 1 Year	3/8" LMR-400 3'	D/M-D/M Solder/Clamp	80.00 0.78 0.35	59.98 55.90 54.30
TESSCO Services AE-128076 1 Year	3/8" LMR-400 6'	N/M-N/M Crimp	26.60 0.67 0.3	19.95 18.59 18.06
TESSCO Services LMR4JU-NMCL-25 1 Year	3/8" LMR-400 25'	N/M-N/M Solder/Clamp	35.20 2 0.91	30.04 28.00 27.20
TESSCO Services LMR4JU-NMRPTM-25 1 Year	3/8" LMR-400 25'	N/M Clamp- RPTNC/M	40.70 1.7 0.77	33.79 31.49 30.59
TESSCO Services LMR4JU-NMRPTM-50 1 Year	3/8" LMR-400 50'	N/M Clamp- RPTNC/M	58.40 3.7 1.68	45.79 42.68 41.46
TESSCO Services AE-12810-3 5 Years	1/2" LMR-600 3'	N/M-N/M	39.95 0.76 0.35	29.97 27.93 27.13
TESSCO Services AE-12810-6 5 Years	1/2" LMR-600 6'	N/M-N/M	43.85 1.17 0.53	32.89 30.66 29.78
TESSCO Services AE-12810-10 5 Years	1/2" LMR-600 10'	N/M-N/M	61.05 1 0.45	45.79 42.68 41.46
TESSCO Services LMR4JU-NMCL-50 1 Year	3/8" LMR-400 50'	N/M-N/M Solder/Clamp	52.90 3.25 1.48	42.04 39.18 38.06

Jumper Assemblies-Superflexible Cables [412-93]

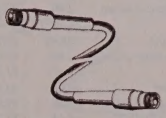
RFS Cellflex Molded Jumpers

RFS CELLFLEX molded jumpers constructed of copper corrugated cable and manufactured using a factory automated process that solders the inner and outer conductors. The connector cable assembly is then secured inside an injection molded enclosure that provides strength and a waterproof seal.

- Factory Soldered Connectors
- Injection Molded Seal
- Low, Stable IM performance
- Low VSWR
- Waterproof to IP 68
- High Pull Off Strength

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Cable Length Cable Type	Connectors Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
48037 1 EACH	RFS Cablewave 826031-003P	3 Years	Cablewave SCF12 jumper assembly	141.50 3 1.36	99.05 91.98 84.90
71967 1 EACH	RFS Cablewave 826031-006P	3 Years	Cablewave SCF12 jumper assembly	154.20 3 1.36	107.94 100.23 92.52
97146 1 EACH	RFS Cablewave 826031-010P	3 Years	Cablewave SCF12 jumper assembly	171.20 3 1.36	119.84 111.28 102.72
68054 1 EACH	RFS Cablewave 826163-001M 3 Years	1 Meter 1/2" Superflexible	N-male/N-male 1/2" Superflexible Molded Jumper	155.80 3 1.36	109.06 101.27 93.48
68099 1 EACH	RFS Cablewave 826164-001M 3 Years	1 Meter 1/2" Superflexible	NM-7/16 Din Male 1/2" Superflexible Molded Jumper	155.80 3 1.36	109.06 101.27 93.48
68135 1 EACH	RFS Cablewave 826165-001M 3 Years	1 Meter 1/2" Superflexible	D/M -D/M 1/2" Superflexible Molded Jumper	155.80 3 1.36	109.06 101.27 93.48
68090 1 EACH	RFS Cablewave 826163-002M 3 Years	2 Meter 1/2" Superflexible	N-male/N-male 1/2" Superflexible Molded Jumper	169.90 3 1.36	118.93 110.44 101.94
68158 1 EACH	RFS Cablewave 826166-003M 3 Years	3 M/ 9.843 ft 1/2" Superflexible	7/16 Din M - Rt Angle 7/16 Din M 1/2" Superflexible Molded Jumper	207.90 3 1.36	145.53 135.14 124.74

Andrew FSJ4-50B Sureflex Jumpers



Andrew Sureflex jumpers consist of proven HELIAX cable and connectors that are specially developed and designed by Andrew. Body can be silver or brass plated depending on connector. Pin can be silver, brass or gold depending on connector used. Jumpers are 100% waterproof and uses a unique double solder patented technique to give excellent system performance.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Cable Length Cable Type	Connectors Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
423178 1 EACH	Andrew Corporation F4A-PDMDF-3USA 10 Years	3' 1/2" Sureflex	D/M - D/F Andrew 3' FSJ4-50B Jumper	105.55 2.63 1.2	81.27 75.47 69.66
446169 1 EACH	Andrew Corporation F4A-PDMDR-3USA 10 Years	3' 1/2" Sureflex	Premium Din Male/Right angle Din Male Andrew 3' FSJ4-50B Jumper	120.15 2.63 1.2	92.52 85.91 79.30
477157 1 EACH	Andrew Corporation F4A-PNMNM-3USA 10 Years	3' 1/2" Sureflex	N-male/N-male Andrew 3' FSJ4-50B Jumper	105.55 2.63 1.2	81.27 75.47 69.66
NEW 465350 1 EACH	TESSCO Services T-F4-PDMDM-3 10 Years	3' 1/2" Sureflex	Din-male/Din-male Andrew 3' FSJ4-50B Jumper	123.75 2.63 1.2	95.28 88.48 81.67
NEW 474341 1 EACH	TESSCO Services T-F4-PDMDMR-3 10 Years	3' 1/2" Sureflex	Din-male/Din-male Right Angle Andrew 3' FSJ4-50B Jumper	141.25 2.63 1.2	108.76 100.99 93.22
NEW 483357 1 EACH	TESSCO Services T-F4-PNMNM-3 10 Years	3' 1/2" Sureflex	Din-male/Din-male Andrew 3' FSJ4-50B Jumper	123.75 2.63 1.2	95.28 88.48 81.67
413105 1 EACH	Andrew Corporation F4A-PDMDM-6USA 10 Years	6' 1/2" Sureflex	7/16 DIN Male Andrew 6' FSJ4-50B Jumper	117.20 1.9 0.86	90.23 83.79 77.34
413106 1 EACH	Andrew Corporation F4A-PNMNM-6USA 10 Years	6' 1/2" Sureflex	N-male/N-male Andrew 6' FSJ4-50B Jumper	117.20 2.63 1.2	90.23 83.79 77.34
413107 1 EACH	Andrew Corporation F4A-PNMDM-6USA 10 Years	6' 1/2" Sureflex	N Male/Din Male Andrew 6' FSJ4-50B Jumper	117.20 2.63 1.2	90.23 83.79 77.34
445151 1 EACH	Andrew Corporation F4A-PDMDM-8USA 10 Years	8' 1/2" Sureflex	7/16 DIN Male Andrew 8' FSJ4-50B Jumper	122.60 2.63 1.2	94.41 87.66 80.92
462185 1 EACH	TESSCO Services T-FSJ4-50B-N8 10 Years	8' 1/2" Sureflex	N-male/N-male Andrew 8' FSJ4-50B Jumper	143.15 2.63 1.2	110.22 102.35 94.48

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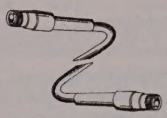
Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Cable Length Cable Type	Connectors Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
449159 1 EACH	Andrew Corporation F4A-PNMNM-10USA 10 Years	10' 1/2" Sureflex	N-male/N-male Andrew 10' FSJ4-50B Jumper	152.60 2.63 1.2	117.51 109.11 100.72
466123 1 EACH	Andrew Corporation F4A-PDMDM-10USA 10 Years	10' 1/2" Sureflex	7/16 DIN Male Andrew 10'FSJ4-50B Jumper	132.70 2.63 1.2	102.18 94.89 87.59
468160 1 EACH	Andrew Corporation F4A-PDMDF-10USA 10 Years	10' 1/2" Sureflex	D/M - D/F Andrew 10'FSJ4-50B Jumper	132.70 2.63 1.2	102.18 94.89 87.59
NEW 432350 1 EACH	TESSCO Services T-F4-PDMDM-10 10 Years	10' 1/2" Sureflex	Din-male/Din-male Andrew 3' FSJ4-50B Jumper	150.90 2.63 1.2	116.20 107.90 99.60
427199 1 EACH	Andrew Corporation F4A-PNMDM-15USA 10 Years	15' 1/2" Sureflex	N Male/Din Male Andrew 15' FSJ4-50B Jumper	151.10 2.63 1.2	116.35 108.04 99.73
482104 1 EACH	Andrew Corporation F4A-PNMNM-20USA 10 Years	20' 1/2" Sureflex	N-male/N-male Andrew 20' FSJ4-50B Jumper	172.15 2.63 1.2	132.53 123.06 113.60

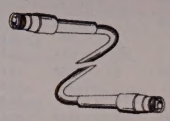
Premium 1/2" Superflexible Jumpers



Premium RFS jumpers include a length of superflexible coaxial cable with silver-plated body/ gold-plated center pin connectors attached. All jumpers consist of RFS cable. Custom jumpers are built by our factory trained and certified technicians.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Cable Length Cable Type	Connectors Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
14567 1 EACH	TESSCO Services T-S12-PDMDM3 3 Years	3' 1/2" Superflexible	D/M -D/M Cablewave SCF12 jumper assembly	123.75 2 0.91	86.62 80.44 74.25
40995 1 EACH	TESSCO Services T-SCF12-PN3 3 Years	3' 1/2" Superflexible	N-male/N-male Cablewave SCF12 jumper assembly	123.75 2.48 1.13	86.62 80.44 74.25
64925 1 EACH	TESSCO Services T-S12-PNMDM3 3 Years	3' 1/2" Superflexible	DIN/M-N/M Cablewave SCF12 jumper assembly	123.75 2.48 1.13	86.62 80.44 74.25
13318 1 EACH	TESSCO Services T-S12-PDMNM6 3 Years	6' 1/2" Superflexible	DIN/M-N/M Cablewave SCF12 jumper assembly	135.40 2.48 1.13	94.77 88.00 81.23
52960 1 EACH	TESSCO Services T-S12-PDM6 3 Years	6' 1/2" Superflexible	D/M -D/M Cablewave SCF12 jumper assembly	135.40 2.48 1.13	94.77 88.00 81.23
66107 1 EACH	TESSCO Services T-S12-PDMDF6 3 Years	6' 1/2" Superflexible	D/M - D/F Cablewave SCF12 jumper assembly	135.40 3 1.36	94.77 88.00 81.23
79388 1 EACH	TESSCO Services T-S12-PNMNM6 3 Years	6' 1/2" Superflexible	N-male/N-male Cablewave SCF12 jumper assembly	135.40 2.48 1.13	94.77 88.00 81.23
27781 1 EACH	TESSCO Services T-S12-PNM8 3 Years	8' 1/2" Superflexible	N-male/N-male Cablewave SCF12 jumper assembly	143.15 2.48 1.13	100.20 93.05 85.89
90104 1 EACH	TESSCO Services T-S12-PNMDM8 3 Years	8' 1/2" Superflexible	DIN/M-N/M Cablewave SCF12 jumper assembly	143.15 3 1.36	100.20 93.05 85.89
91353 1 EACH	TESSCO Services T-S12-PDM8 3 Years	8' 1/2" Superflexible	D/M -D/M Cablewave SCF12 jumper assembly	143.15 2.48 1.13	100.20 93.05 85.89
39746 1 EACH	TESSCO Services T-S12-PDM0 3 Years	10' 1/2" Superflexible	D/M -D/M Cablewave SCF12 jumper assembly	150.90 2.48 1.13	105.63 98.09 90.54
66174 1 EACH	TESSCO Services T-S12-PNM0 3 Years	10' 1/2" Superflexible	N-male/N-male Cablewave SCF12 jumper assembly	150.90 2.48 1.13	105.63 98.09 90.54
78072 1 EACH	TESSCO Services T-S12-PDMDF0 3 Years	10' 1/2" Superflexible	D/M - D/F Cablewave SCF12 jumper assembly	150.90 3.2 1.45	105.63 98.09 90.54
68516 1 EACH	TESSCO Services T-S12-PNM12 3 Years	12' 1/2" Superflexible	PN/M-PN/M Cablewave SCF12 jumper assembly	158.70 2.48 1.13	111.07 103.13 95.20
26334 1 EACH	TESSCO Services T-S12-PNM15 3 Years	15' 1/2" Superflexible	N-male/N-male Cablewave SCF12 jumper assembly	170.30 3.25 1.48	119.21 110.70 102.18

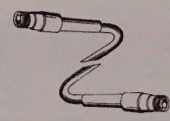
1/4" RFS Superflexible Jumpers



Cablewave jumpers include a length of low-loss Flexwel with standard brass connectors attached. Each jumper hand-assembled by factory certified technicians, sweep- tested, and securely packaged prior to shipment.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Cable Length Cable Type	Connectors Description	List ($) Wt. (lbs) Wgt. (kg.)
476007 1 EACH	TESSCO Services T-SCF14-N1 3 Years	1' 1/4" Superflexible	N-male/N-male Cablewave SCF14 jumper assembly	120.05 1 0.45
70213 1 EACH	TESSCO Services T-SCF14-N2 3 Years	2' 1/4" Superflexible	N-male/N-male Cablewave SCF14 jumper assembly	121.80 1 0.45
45013 1 EACH	TESSCO Services T-SCF14-N3 3 Years	3' 1/4" Superflexible	N-male/N-male Cablewave SCF14 jumper assembly	123.50 1.14 0.52
18585 1 EACH	TESSCO Services T-SCF14-NB6 3 Years	6' 1/4" Superflexible	N/M-BNC/M Cablewave SCF14 jumper assembly	126.80 1.14 0.52
82649 1 EACH	TESSCO Services T-SCF14-NT6 3 Years	6' 1/4" Superflexible	N/M-TNC/M Cablewave SCF14 jumper assembly	79.60 1.14 0.52
83406 1 EACH	TESSCO Services T-SCF14-N6 3 Years	6' 1/4" Superflexible	N-male/N-male Cablewave SCF14 jumper assembly	128.70 1.14 0.52
30550 1 EACH	TESSCO Services T-SCF14-NMF8 3 Years	8' 1/4" Superflexible	N/M-N/F Cablewave SCF14 jumper assembly	125.95 1.14 0.52
31799 1 EACH	TESSCO Services T-SCF14-N8 3 Years	8' 1/4" Superflexible	N-male/N-male Cablewave SCF14 jumper assembly	132.15 1.14 0.52
56978 1 EACH	TESSCO Services T-SCF14-NB8 3 Years	8' 1/4" Superflexible	N/M-BNC/M Cablewave SCF14 jumper assembly	130.25 2 0.91
70192 1 EACH	TESSCO Services T-SCF14-N0 3 Years	10' 1/4" Superflexible	N-male/N-male Cablewave SCF14 jumper assembly	135.60 1.14 0.52
93310 1 EACH	TESSCO Services T-SCF14-N12 3 Years	12' 1/4" Superflexible	N-male/N-male Cablewave SCF14 jumper assembly	110.80 1.14 0.52

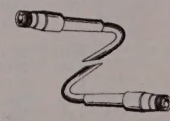
Premium 3/8" Ultraflex Jumpers



Premium Times Microwave jumpers include TCOM-40 Ultra-flex cable factory terminated with silver plated c tors and 100% sweep tested. Especially suited for appli requiring low Passive Intermod (LT150dBc), low loss a ultra-flexible flame retardant jacket.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Cable Length Cable Type	Connectors Description	List ($) Wt. (lbs) Wgt. (kg.)
96752 1 EACH	Times Microwave AE-13097-3 5 Years	3' 3/8" Ultraflex	N-male/N-male TCOM400	95.00 0.89 0.4
70324 1 EACH	Times Microwave AE-13097-6 5 Years	6' 3/8" Ultraflex	N-male/N-male TCOM400	105.00 0.74 0.34
42647 1 EACH	Times Microwave AE-13099-10 5 Years	10' 3/8" Ultraflex	D/M -N/M TCOM400	142.00 1.24 0.56

1/2" RFS Superflexible Jumpers



RFS jumpers include a length of low-loss Flexwell cab standard brass connectors attached. Each jumper is h assembled by RFS certified technicians, sweep-tested, securely packaged prior to shipment.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Cable Length Cable Type	Connectors Description	List ($) Wt. (lbs) Wgt. (kg.)
22260 1 EACH	TESSCO Services T-SCF12-N3 3 Years	3' 1/2" Superflexible	N-male/N-male Cablewave SCF12 jumper assembly	112.95 2.18 0.99

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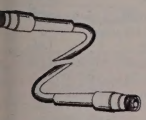
uing product table (2 of 2)

No. Jom	Manufacturer Mfg. P/N Warranty	Cable Length Cable Type	Connectors Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
32 CH	TESSCO Services T-SCF12-NMF3 3 Years	3' 1/2" Superflexible	N/M-N/F Cablewave SCF12 jumper assem-bly	112.95 2.18 0.99	79.06 73.42 67.77
25 CH	TESSCO Services T-SCF12-NMF6 3 Years	6' 1/2" Superflexible	N/M-N/F Cablewave SCF12 jumper assem-bly	124.60 2.18 0.99	87.21 80.98 74.75
53 CH	TESSCO Services T-SCF12-N6 3 Years	6' 1/2" Superflexible	N-male/N-male Cablewave SCF12 jumper assem-bly	124.60 2.18 0.99	87.21 80.98 74.75
81 CH	TESSCO Services T-SCF12-NR6 3 Years	6' 1/2" Superflexible	N/M-N/M Elbow Cablewave SCF12 jumper assem-bly	154.90 2.18 0.99	108.42 100.68 92.93
18 CH	TESSCO Services T-SCF12-NMF8 3 Years	8' 1/2" Superflexible	N/M-N/F Cablewave SCF12 jumper assem-bly	132.35 3 1.36	92.64 86.03 79.41
46 CH	TESSCO Services T-SCF12-N8 3 Years	8' 1/2" Superflexible	N-male/N-male Cablewave SCF12 jumper assem-bly	132.35 2.18 0.99	92.64 86.03 79.41
11 CH	TESSCO Services T-SCF12-NMF0 3 Years	10' 1/2" Superflexible	N/M-N/F Cablewave SCF12 jumper assem-bly	140.10 2.18 0.99	98.07 91.07 84.06
39 CH	TESSCO Services T-SCF12-N0 3 Years	10' 1/2" Superflexible	N-male/N-male Cablewave SCF12 jumper assem-bly	140.10 2.18 0.99	98.07 91.07 84.06
23 CH	TESSCO Services T-SCF12-N12 3 Years	12' 1/2" Superflexible	N-male/N-male Cablewave SCF12 jumper assem-bly	119.60 2.42 1.1	83.70 77.72 71.74

emium 1/2" Hi-Flex Jumpers.

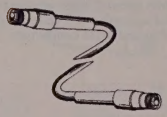


These premium jumpers deliver performance and reliability under the roughest of conditions. They consist of premium Hi-Flex corrugated cable and one-piece, silver-plated, water-sealed connectors. Each jumper is sweep-tested prior to shipment.

No. om	Manufacturer Mfg. P/N Warranty	Cable Length Cable Type	Connectors Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
76 CH	TESSCO Services FLEXJUMPER-N3 5 Years	3' 1/2" Hi-Flex	N-male/N-male W0500HF	112.20 1.78 0.81	83.00 80.76 78.52
65 CH	TESSCO Services FJ-DN6L 5 Years	6' 1/2" Hi-Flex	N/M-D/M W0500HF	163.80 3 1.36	116.27 113.98 111.85
69 CH	TESSCO Services FLEXJUMPER-N6 5 Years	6' 1/2" Hi-Flex	N-male/N-male W0500HF	123.05 2.29 1.04	91.04 88.58 86.12
79 CH	TESSCO Services FJ-N6L 5 Years	6' 1/2" Hi-Flex	N-male/N-male W0500HF	156.70 1.91 0.87	111.25 109.05 107.02
58 CH	TESSCO Services FJ-D6L 5 Years	6' 1/2" Hi-Flex	D/M -D/M W0500HF	169.15 3 1.36	126.84 118.39 115.01
51 CH	TESSCO Services FJ-N8L 5 Years	8' 1/2" Hi-Flex	N-male/N-male W0500HF	145.90 3 1.36	103.59 101.54 99.65
44 CH	TESSCO Services FJ-DN8L 5 Years	8' 1/2" HF/LL	N/M-D/M W0500HF	171.90 3 1.36	122.03 119.63 117.39
34 CH	TESSCO Services FLEXJUMPER-D0 5 Years	10' 1/2" Hi-Flex	D/M -D/M W0500HF	165.80 3 1.36	124.35 116.06 112.75
V 92 CH	TESSCO Services FLEXJUMPR-DN15 5 Years	15' 1/2" Hi-Flex	DIN/M-N/M W0500HF	162.50 3.05 1.39	115.38 113.10 110.99
V 06 CH	TESSCO Services FLEXJUMPR-DN20 5 Years	20' 1/2" Hi-Flex	DIN/M-N/M W0500HF	176.00 3.85 1.75	124.96 122.50 120.21
V 42 CH	TESSCO Services FLEXJUMPR-DN30 5 Years	30' 1/2" Hi-Flex	DIN/M-N/M W0500HF	203.00 5.5 2.5	144.13 141.29 138.65

Jumper Assemblies-Foam Cables [412-94]

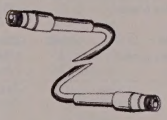
Premium Eupen 3/8" Jumpers



Premium Eupen jumpers include 3/8" foam cable factory terminated with silver plated connectors and 100% sweep tested from 800 to 900 MHz and 1.8 to 2 GHz for VSWR and insertion loss.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Cable Length Cable Type	Connectors Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
62644 1 EACH	TESSCO Services 3/8JUMPER-N3 5 Years	3' WO375	N/M -N/M 3/8" Corrugated	73.70 1.78 0.81	54.52 53.05 51.57
23002 1 EACH	TESSCO Services 3/8JUMPER-N6 5 Years	6' WO375	N/M -N/M 3/8" Corrugated	79.35 3 1.36	58.72 57.13 55.54

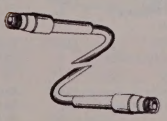
Premium Times 3/8" LMR-400 Jumpers



Premium Times Microwave jumpers include LMR-400, 3/8" foam cable factory terminated with silver plated connectors and 100% sweep tested from 800 to 900 MHz and 1.8 to 2 GHz for VSWR and insertion loss.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Cable Length Cable Type	Connectors Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
71573 1 EACH	Times Microwave AE-12807-8 5 Years	8' 3/8" LMR	N/M -N/M LMR-400	50.00 0.81 0.37	37.50 34.95 33.95
19966 1 EACH	Times Microwave AE-12807-10 5 Years	10' 3/8" LMR	N/M -N/M LMR-400	51.00 0.95 0.43	38.25 35.65 34.63

1/2" RFS Jumpers



RFS jumpers include a length of low-loss Flexwell cable with standard brass connectors attached. Each jumper is hand-assembled by factory certified technicians, sweep-tested, and securely packaged prior to shipment.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Cable Length Cable Type	Connectors Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
59404 1 EACH	TESSCO Services T-LCF12-N3 3 Years	3' 1/2" CELLFLEX	N/M-N/M Cablewave LCF12-50J jumper assembly	118.85 1.91 0.87	83.20 77.26 71.31
71369 1 EACH	RFS Cablewave NMNFL12-030 3 Years	3' 1/2" CELLFLEX	N/M-N/F Cablewave LCF12-50J jumper assembly	117.55 1.91 0.87	82.29 76.41 70.53
19762 1 EACH	TESSCO Services T-LCF12-NMF6 3 Years	6' 1/2" CELLFLEX	N/M-N/F Cablewave LCF12-50J jumper assembly	125.50 1.91 0.87	87.85 81.58 75.30
29860 1 EACH	TESSCO Services T-LCF12-NU6 3 Years	6' 1/2" CELLFLEX	N/M-UHF/M Cablewave LCF12-50J jumper assembly	137.50 1.91 0.87	96.25 89.38 82.50
97797 1 EACH	TESSCO Services T-LCF12-N6 3 Years	6' 1/2" CELLFLEX	N/M-N/M Cablewave LCF12-50J jumper assembly	126.80 2.82 1.28	88.76 82.42 76.08
84583 1 EACH	TESSCO Services T-LCF12-N8 3 Years	8' 1/2" CELLFLEX	N/M-N/M Cablewave LCF12-50J jumper assembly	132.10 4 1.82	92.47 85.87 79.26
32976 1 EACH	TESSCO Services T-LCF12-N0 3 Years	10' 1/2" CELLFLEX	N/M-N/M Cablewave LCF12-50J jumper assembly	137.40 1.91 0.87	96.18 89.31 82.44
96548 1 EACH	TESSCO Services T-LCF12-NMF0 3 Years	10' 1/2" CELLFLEX	N/M-N/F Cablewave LCF12-50J jumper assembly	136.10 4 1.82	95.27 88.47 81.66

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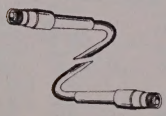
RFS 1/2" Cellflex Molded Jumpers

RFS CELLFLEX molded jumpers constructed of copper corrugated cable and manufactured using a factory automated process that solders the inner and outer conductors. The connector-cable assembly is then secured inside an injection molded enclosure that provides strength and a waterproof seal. Jumpers are made with standard brass connectors.

- Factory Soldered Connectors
- Injection Molded Seal
- Low, Stable IM performance
- Low VSWR
- Waterproof to IP 68
- High Pull Off Strength

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Cable Length Cable Type	Connectors Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
67863 I EACH	RFS Cablewave 826160-001M 3 Years	1 Meter 1/2" CELLFLEX	NM-NM 1/2" Foam Molded Jumper	160.30 3 1.36	112.21 104.20 96.18
68035 I EACH	RFS Cablewave 826162-001M 3 Years	1 Meter 1/2" CELLFLEX	7/16 Din M-7/16 Din M 1/2" Foam Molded Jumper	152.50 3 1.36	106.75 99.13 91.50
67864 I EACH	RFS Cablewave 826160-002M 3 Years	2 Meter 1/2" CELLFLEX	NM-NM 1/2" Foam Molded Jumper	170.00 3 1.36	119.00 110.50 102.00
68040 I EACH	RFS Cablewave 826162-002M 3 Years	2 Meter 1/2" CELLFLEX	7/16 Din M-7/16 Din M 1/2" Foam Molded Jumper	162.80 3 1.36	113.96 105.82 97.68
67865 I EACH	RFS Cablewave 826160-003M 3 Years	3 Meter 1/2" CELLFLEX	NM-NM 1/2" Foam Molded Jumper	182.80 3 1.36	127.96 118.82 109.68

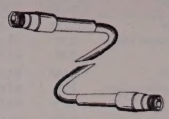
Premium 1/2" RFS Jumpers



Premium RFS CELLFLEX jumpers include a length of cable with silver-plated body/gold-plated center pin connectors attached. All jumpers consist of RFS products. Custom jumpers are assembled by our factory trained and certified technicians.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Cable Length Cable Type	Connectors Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37248 I EACH	TESSCO Services T-LCF12-PD3 3 Years	3' 1/2" CELLFLEX	DIN/M-DIN/M Cablewave LCF12-50J jumper assembly	118.85 3 1.36	83.20 77.26 71.31
63676 I EACH	TESSCO Services T-LCF12-PN3 3 Years	3' 1/2" CELLFLEX	N/M-N/M Cablewave LCF12-50J jumper assembly	124.25 3 1.36	86.98 80.77 74.55
86828 I EACH	TESSCO Services T-LCF12-PD4 3 Years	4' 1/2" CELLFLEX	Din/M-Din/M Cablewave 1/2" LCF12-50J jumper	121.50 3 1.36	85.05 78.98 72.90
55470 I EACH	TESSCO Services T-LCF12-PDN4 3 Years	4' 1/2" CELLFLEX	DIN/M-N/M Cablewave LCF12-50J jumper assembly	124.20 3 1.36	86.94 80.73 74.52
84211 I EACH	TESSCO Services T-LCF12-PDN4 3 Years	4' 1/2" CELLFLEX	DIN/M-N/M w/hex head Cablewave LCF12-50J jumper assembly	121.50 3 1.36	85.05 78.98 72.90
12069 I EACH	TESSCO Services T-LCF12-PN6 3 Years	6' 1/2" CELLFLEX	N/M-N/M Cablewave LCF12-50J jumper assembly	132.20 3 1.36	92.54 85.93 79.32
75641 I EACH	TESSCO Services T-LCF12-PD6 3 Years	6' 1/2" CELLFLEX	DIN/M-DIN/M Cablewave LCF12-50J jumper assembly	126.80 3 1.36	88.76 82.42 76.08
87606 I EACH	TESSCO Services T-LCF12-PDN6 3 Years	6' 1/2" CELLFLEX	DIN/M-N/M Cablewave LCF12-50J jumper assembly	129.50 3 1.36	90.65 84.18 77.70
35999 I EACH	TESSCO Services T-LCF12-PDN8 3 Years	8' 1/2" CELLFLEX	DIN/M-N/M Cablewave LCF12-50J jumper assembly	134.80 3 1.36	94.36 87.62 80.88
50462 I EACH	TESSCO Services T-LCF12-PN8 3 Years	8' 1/2" CELLFLEX	N/M-N/M Cablewave LCF12-50J jumper assembly	137.50 3 1.36	96.25 89.38 82.50
62427 I EACH	TESSCO Services T-LCF12-PD0 3 Years	10' 1/2" CELLFLEX	DIN/M-DIN/M Cablewave LCF12-50J jumper assembly	137.40 3 1.36	96.18 89.31 82.44
74392 I EACH	TESSCO Services T-LCF12-PDN0 3 Years	10' 1/2" CELLFLEX	DIN/M-N/M Cablewave LCF12-50J jumper assembly	140.10 3 1.36	98.07 91.07 84.06
88855 I EACH	TESSCO Services T-LCF12-PN0 3 Years	10' 1/2" CELLFLEX	N/M-N/M Cablewave LCF12-50J jumper assembly	137.40 3 1.36	96.18 89.31 82.44

RFS 1/2" Premium Cellflex Molded Jumpers



RFS CELLFLEX Premium molded jumpers constructed copper corrugated cable and manufactured using a fact automated process that solders the inner and outer co tors. The connector-cable assembly is then secured ins injection molded enclosure that provides strength and waterproof seal. Jumpers are made with premium silve plated body and gold-plated center pin connectors.

- Factory Soldered Connectors
- Injection Molded Seal
- Low, Stable IM Performance
- Low VSWR
- Waterproof to IP 68
- High Pull Off Strength

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Cable Length Cable Type	Connectors Description	List ($) Wt. (lbs) Wgt. (kg.)	T
61251 I EACH	RFS Cablewave 826050-003P 3 Years	3' 1/2" CELLFLEX	DIN/M - DIN/M Rt Ang Cablewave LCF12-50J jumper assembly	197.10 3 1.36	
NEW 483142 I EACH	RFS Cablewave 815356-006 3 Years	6' Flexwell 1/2" LCF12-50J cable	N-Male Connectors on each end 6'Jumper-LCF12 NM to NM	113.30 3 1.36	
10893 I EACH	RFS Cablewave 826050-006P 3 Years	6' 1/2" CELLFLEX	DIN/M - DIN/M Right Angle Cablewave LCF12-50J jumper assembly	205.85 2.5 1.14	
24107 I EACH	RFS Cablewave 815414-006P 3 Years	6' 1/2" CELLFLEX	DIN/M - N/M Cablewave LCF12-50J jumper assembly	151.80 3 1.36	
36072 I EACH	RFS Cablewave 815396-006P 3 Years	6' 1/2" CELLFLEX	DIN/M - DIN/M Cablewave LCF12-50J jumper assembly	149.15 3 1.36	
74465 I EACH	RFS Cablewave 815396-008P 3 Years	8' 1/2" CELLFLEX	DIN/M - DIN/M Cablewave LCF12-50J jumper assembly	155.00 2 0.91	
22858 I EACH	RFS Cablewave 815396-010P 3 Years	10' 1/2" CELLFLEX	DIN/M - DIN/M Cablewave LCF12-50J jumper assembly	160.80 3 1.36	
62500 I EACH	RFS Cablewave 815414-010P 3 Years	10' 1/2" CELLFLEX	DIN/M - N/M Cablewave LCF12-50J jumper assembly	163.50 3 1.36	

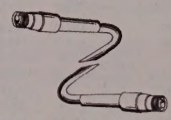
ANDREW®

Andrew is your one source for complete antenna-to-radio RF subsystem solutions.

See Grounding Kits, page 457

Tape, Electrical, and Cold Shrink, page

Andrew LDF4-50A Sureflex Jumpers



Andrew Sureflex jumpers consist of proven HELIAX c and connectors that are specially developed and desig Andrew. Body can be silver or brass plated depending connector. Pin can be silver, brass or gold depending o nector used. Jumpers are 100% waterproof and uses a double solder patented technique to give excellent sys performance.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Cable Length Cable Type	Connectors Description	List ($) Wt. (lbs) Wgt. (kg.)
449105 I EACH	Andrew Corporation L4A-PDMDM-3 10 Years	3' 1/2" Sureflex	7/16 DIN Male Andrew 3' LDF4-50A Jumper	93.85 1.58 0.72
497192 I EACH	Andrew Corporation L4A-PNMNM-3USA 10 Years	3' 1/2" Sureflex	N Male Andrew 3' LDF4-50A Jumper	93.85 1.4 0.64
NEW 473331 I EACH	Andrew Corporation L4A-PDMDM-3-USA 10 Years	3' 1/2" Sureflex	7/16 DIN Male Andrew 6' LDF4-50A Jumper	94.65 2.1 0.95
451173 I EACH	Andrew Corporation L4A-PNMDM-3USA 10 Years	3' 1/2" Sureflex	N Male / DIN Male Andrew 3' LDF4-50A Jumper	93.85 2.63 1.2
NEW 435188 I EACH	Andrew Corporation L4A-PDMDM-6-USA 10 Years	6' 1/2" Sureflex	7/16 DIN Male Andrew 6' LDF4-50A Jumper	101.80 2.1 0.95
456114 I EACH	Andrew Corporation L4A-PNMNM-6USA 10 Years	6' 1/2" Sureflex	N Male Andrew 6' LDF4-50A Jumper	101.80 2.63 1.2
426109 I EACH	Andrew Corporation L4A-PNMDM-6-USA 10 Years	6' 1/2" Sureflex	N Male / DIN Male Andrew 6' LDF4-50A Jumper	101.80 2.63 1.2

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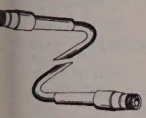
uing product table (2 of 2)

No. Uom	Manufacturer Mfg. P/N Warranty	Cable Length Cable Type	Connectors Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
105 CH	Andrew Corporation L4A-PDMDM-8USA 10 Years	8' 1/2" Sureflex	7/16 DIN Male Andrew 8' LDF4-50A Jumper	107.10 2.63 1.2	82.47 76.58 70.69
W 302 CH	Andrew Corporation L4A-PNMNM-8USA 10 Years	8' 1/2" Heliax Foam LDF4-50A	N Male 8' Jumper Premium N Male Connectors	107.10 2.63 1.2	82.47 76.58 70.69
108 CH	Andrew Corporation L4A-PDMDM-10USA 10 Years	10' 1/2" Sureflex	7/16 DIN Male Andrew 10'LDF4-50A Jumper	112.40 2.63 1.2	86.55 80.37 74.19
193 CH	Andrew Corporation L4A-PNMNM-10USA 10 Years	10' 1/2" Sureflex	N Male Andrew 10' LDF4-50A Jumper	112.40 2.63 1.2	86.55 80.37 74.19
114 CH	Andrew Corporation L4A-PNMDM-10USA 10 Years	10' 1/2" Sureflex	N Male / DIN Male Andrew 10' LDF4-50A Jumper	112.40 2.63 1.2	86.55 80.37 74.19
178 CH	Andrew Corporation L4A-PNMNM-15USA 10 Years	15' 1/2" Sureflex	N Male Andrew 15' LDF4-50A Jumper	125.65 2.63 1.2	96.76 89.84 82.93

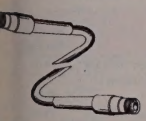
emium Eupen 1/2" Jumpers



Eupen's 1/2" jumpers deliver high performance and reliability under the roughest of conditions. Premium silver-plated connectors are used. Full watertightness is attained using a unique RTV sealing process. Sweep-tested prior to shipment.

No. Uom	Manufacturer Mfg. P/N Warranty	Cable Length Cable Type	Connectors Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
27 CH	TESSCO Services JUMPER-DN3 5 Years	3' 1/2" Hardline	DIN/M-N/M W0500	123.85 1.73 0.79	87.94 86.20 84.59
27 CH	TESSCO Services JUMPER-N3 5 Years	3' 1/2" Hardline	N/M-N/M W0500	103.85 1.59 0.72	76.85 74.78 72.70
11 CH	TESSCO Services JUMPER-D4 5 Years	3' 1/2" Hardline	DIN/M-DIN/M W0500	129.00 1.73 0.79	96.75 90.30 87.72
20 CH	TESSCO Services JUMPER-N6 5 Years	6' 1/2" Hardline	N/M-N/M W0500	106.70 2.07 0.94	78.96 76.83 74.69
20 CH	TESSCO Services JUMPER-DN6 5 Years	6' 1/2" Hardline	DIN/M-N/M W0500	131.50 1.73 0.79	93.37 91.53 89.82
99 CH	TESSCO Services JUMPER-D6 5 Years	6' 1/2" Hardline	DIN/M-DIN/M W0500	137.10 2.21 1	102.83 95.97 93.23
13 CH	TESSCO Services JUMPER-N0 5 Years	10' 1/2" Hardline	N/M-N/M W0500	120.70 2.71 1.23	89.32 86.91 84.49
92 CH	TESSCO Services JUMPER-D0 5 Years	10' 1/2" Hardline	DIN/M-DIN/M W0500	147.30 3 1.36	110.48 103.11 100.17

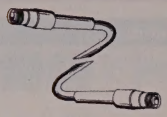
w VSWR 1/2" Eupen Low Loss Jumpers



Eupen premium low loss hardline jumpers deliver top performance for all applications. They're swept to perform at 1.08 VSWR and consist of premium 1/2" hardline corrugated cable and one-piece silver plated watertight connectors.

No. Uom	Manufacturer Mfg. P/N Warranty	Cable Length Cable Type	Connectors Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
02 CH	TESSCO Services JUMPER-DN3L 5 Years	3' 1/2" Hardline	N/M-D/M W0500	138.75 2 0.91	98.49 96.55 94.74
74 CH	TESSCO Services JUMPER-D6L 5 Years	6' 1/2" Hardline	D/M-D/M W0500	153.55 3 1.36	109.03 106.88 104.88

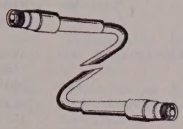
CommScope Premium 1/2" Jumpers



Cell Reach jumpers offer the lowest loss and intermod levels in the industry. The cable construction prevents dimensional changes during bending, resulting in a lower VSWR. The closed micro-cell foam and bonding completely stops moisture. Uses premium silver-plated connectors.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Cable Length Cable Type	Connectors Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
27163 1 EACH	TESSCO Services J-CR540-N3 10 Years	3' 1/2" Cell Reach	N/M-N/M CommScope CR50-450 jumper assembly	120.65 1.91 0.87	93.13 92.05 90.48
90735 1 EACH	TESSCO Services J-CR540-D3 10 Years	3' 1/2" Cell Reach	DIN/M-DIN/M CommScope CR50-450 jumper assembly	133.35 1.91 0.87	102.95 101.75 100.02
12700 1 EACH	TESSCO Services J-CR540-DN6 10 Years	6' 1/2" Cell Reach	N/M-DIN/M CommScope CR50-450 jumper assembly	134.90 2 0.91	104.14 102.93 101.17
39128 1 EACH	TESSCO Services J-CR540-D6 10 Years	6' 1/2" Cell Reach	DIN/M-DIN/M CommScope CR50-450 jumper assembly	141.20 3 1.36	109.00 107.73 105.90
65556 1 EACH	TESSCO Services J-CR540-N6 10 Years	6' 1/2" Cell Reach	N/M-N/M CommScope CR50-450 jumper assembly	128.60 2 0.91	99.27 98.11 96.44
51093 1 EACH	TESSCO Services J-CR540-DN8 10 Years	8' 1/2" Cell Reach	N/M-DIN/M CommScope CR50-450 jumper assembly	140.20 2 0.91	108.21 106.95 105.12
25914 1 EACH	TESSCO Services J-CR540-D0 10 Years	10' 1/2" Cell Reach	DIN/M-DIN/M CommScope CR50-450 jumper assembly	151.90 2.5 1.14	117.27 115.90 113.93
52342 1 EACH	TESSCO Services J-CR540-N0 10 Years	10' 1/2" Cell Reach	N/M-N/M CommScope CR50-450 jumper assembly	139.20 2.5 1.14	107.45 106.20 104.39

Premium Times 5/8" LMR-900 Jumpers



Premium Times Microwave jumpers include LMR-900, 5/8" foam cable factory terminated with silver plated connectors and 100% sweep tested from 800 to 900 MHz and 1.8 to 2 GHz for VSWR and insertion loss.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Cable Length Cable Type	Connectors Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
25686 1 EACH	Times Microwave AE-12813-6 5 Years	6' 5/8" LMR	N/M -N/M LMR-900	142.00 2.65 1.2	106.50 99.26 96.42
64079 1 EACH	Times Microwave AE-12813-8 5 Years	8' 5/8" LMR	N/M -N/M LMR-900	149.00 3.21 1.46	111.75 104.16 101.18
50865 1 EACH	Times Microwave AE-12813-10 5 Years	10' 5/8" LMR	N/M -N/M LMR-900	156.00 3.77 1.71	117.00 109.05 105.93

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Hanger Kits [436-10]

If you are buying these, you might need:

Site Hardware . . . . . .page 498

Standard Hanger Kits

482185 489172 428138 445112

Stainless Steel Standard Hangers provide a reliable solution for supporting single runs of coaxial cable in wireless systems. Cable grippers bite into the coax jacketing to provide additional support. Recommended spacing is one hanger for every 3 feet of cable. Use with corrugated or smooth wall cables. Comes with or without hardware.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 484331 10 PACK	Wireless Solutions BH-S38 3 Years	For 3/8" corrugated & Cell Reach cable. Also fits LMR400. Hardware is included.	14.65 0.9 0.41	14.51 14.29 14.07
33950 10 PACK	Wireless Solutions BH-S38-NH 3 Years	For 3/8" corrugated & Cell Reach cable. Also fits LMR400. No hardware included.	10.90 0.9 0.41	10.80 10.63 10.47
NEW 463128 10 PACK	Wireless Solutions BH-S12 3 Years	For 1/2" corrugated and Cell Reach coax cable. Hardware is included.	14.65 1.5 0.68	14.51 14.29 14.07
NEW 447315 10 PACK	Wireless Solutions BH-S12-NH 3 Years	For 1/2" corrugated and Cell Reach coax cable. No hardware included.	10.90 1.5 0.68	10.80 10.63 10.47
482185 10 PACK	Andrew Corporation 43211A 10 Years	For 1/2" cable. Hardware not included.	28.25 0.86 0.39	20.46 19.05 17.64
NEW 451194 10 PACK	Wireless Solutions BH-S78 3 Years	For 7/8" corrugated & Cell Reach cable. Hardware is included.	19.35 1.5 0.68	19.16 18.87 18.58
NEW 477368 10 PACK	Wireless Solutions BH-S78-NH 3 Years	For 7/8" corrugated & Cell Reach cable. No hardware included.	15.60 1.5 0.68	15.45 15.21 14.98
NEW 499150 10 PACK	Andrew Corporation 42396A-5 10 Years	For 7/8" Cable. No hardware included.	37.10 1.25 0.57	26.90 25.05 23.19
NEW 440335 10 PACK	Wireless Solutions BH-S114 3 Years	For 1-5/8" corrugated and Cell Reach coax cable. Hardware is included.	19.35 2.5 1.14	19.16 18.87 18.58
NEW 447398 10 PACK	Wireless Solutions BH-S114-NH 3 Years	For 1-5/8" corrugated & Cell Reach coax cable. No hardware included.	15.60 2 0.91	15.45 15.21 14.98
NEW 489172 10 PACK	Wireless Solutions BH-S158 3 Years	For 1-5/8" corrugated and Cell Reach coax cable. Hardware is included.	19.35 2.5 1.14	19.16 18.87 18.58
NEW 428138 10 PACK	Wireless Solutions BH-S158-NH 3 Years	For 1-5/8" corrugated or Cell Reach cable. No hardware included.	15.60 2 0.91	15.45 15.21 14.98
445112 10 PACK	Andrew Corporation 42396A-2 10 Years	For 1-5/8" cable. Hardware not included.	37.10 10 4.54	26.90 25.05 23.19

Butterfly Hanger Kits

14347 87381

Stainless Steel Butterfly Hangers provide a versatile means of securing single runs of coax or elliptical waveguide. Cable grippers bite into the coax jacketing to provide additional support. Use with either round member adapter kits or angle member adapters depending on the tower leg. Recommended spacing is one hanger for every 3 feet of cable. Use with corrugated or smooth wall cables. Comes with or without hardware.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
14347 10 PACK	Wireless Solutions BH-12 3 Years	For 1/2" corrugated, Cell reach & Air Cell cable. Also fits LMR600. Hardware is included.	14.65 1.35 0.61	14.51 14.29 14.07

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
87381 10 PACK	Wireless Solutions BH-12-NH 3 Years	For 1/2" corrugated, Cell reach & Air Cell cable. Also fits LMR600. No hardware included.	10.90 0.85 0.39
13790 10 PACK	RFS Cablewave 920981-010 1 Year	For 1/2" cable. Also fits E/EP191 elliptical waveguide. No hardware included.	28.30 0.85 0.39
NEW 461145 10 PACK	Wireless Solutions BH-58 3 Years	For 5/8" corrugated & Air Cell cable. Also fits LMR900. Hardware is included.	19.35 1.05 0.48
35774 10 PACK	Wireless Solutions BH-58-NH 3 Years	For 5/8" corrugated & Air Cell cable. Also fits LMR900. No hardware included.	15.60 1 0.45
472177 10 PACK	RFS Cablewave 920981-019 1 Year	For 5/8" corrugated cable. No hardware included.	37.10 0.93 0.42
39526 10 PACK	Wireless Solutions BH-78 3 Years	For 7/8" corrugated, Cell Reach & Air Cell cable. Also fits LMR1200. Hardware is included.	19.35 1.07 0.49
74167 10 PACK	Wireless Solutions BH-78-NH 3 Years	For 7/8" corrugated, Cell Reach & Air Cell cable. Also fits LMR1200. No hardware included.	15.60 2 0.91
88078 10 PACK	RFS Cablewave 920981-007 1 Year	For 7/8" corrugated cable. Also fits E/EP108 elliptical waveguide. No hardware included.	37.10 1 0.45
77919 10 PACK	Wireless Solutions BH-114 3 Years	For 1-1/4" corrugated cable. Also fits LMR1700. Hardware is included.	19.35 1.07 0.49
NEW 28843 10 PACK	Wireless Solutions BH-114-NH 3 Years	For 1-1/4" corrugated cable. Also fits LMR1700. No hardware included.	15.60 1.07 0.49
86829 10 PACK	RFS Cablewave 920981-004 1 Year	For 1-1/4" corrugated cable. Also fits E/EP65 elliptical waveguide. No hardware included.	37.10 1.25 0.57
26312 10 PACK	Wireless Solutions BH-158 3 Years	For 1-5/8" corrugated, Cell Reach & Air Cell cable. Hardware is included.	19.35 1.8 0.82
NEW 67236 10 PACK	Wireless Solutions BH-158-NH 3 Years	For 1-5/8" corrugated, Cell Reach & Air Cell cable. No hardware included.	15.60 1.07 0.49
59152 10 PACK	RFS Cablewave 920159-003 1 Year	For 1-5/8" corrugated cable. Also fits E/EP61 elliptical waveguide. No hardware included.	41.00 2.19 1
76214 10 PACK	Wireless Solutions BH-214 3 Years	For 2-1/4" corrugated cable. Hardware is included.	19.35 1.95 0.89
99346 10 PACK	Wireless Solutions BH-214-NH 3 Years	For 2-1/4" corrugated cable. No hardware included.	15.60 2 0.91
NEW 89579 10 PACK	RFS Cablewave 920981-001 1 Year	For 2-1/4 corrugated cable. Also fits E/EP37 elliptical waveguide. No hardware included.	39.20 1.28 0.58

Clip Hanger Kits

Stainless Steel Clip Hanger is a second generation hang tem providing exceptional ease of use. Once the hange mounted to the support structure, the clip's locking m nism is easily latched to hold the coax firmly in place. S and 3/8" mounting hole. Screws, hex nuts and lock was are included.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
84584 10 PACK	Wireless Solutions CH-12 3 Years	For 1/2" corrugated cable. Includes 10 each 3/8"x3/4" filister head screws, hex nuts and lock washers.	14.65 1.07 0.49
71370 10 PACK	Wireless Solutions CH-78 3 Years	For 7/8" corrugated cable. Includes 10 each 3/8"x3/4" filister head screws, flat washers and lock washers.	19.35 1.07 0.49
19763 10 PACK	Wireless Solutions CH-114 3 Years	For 1 1/4" corrugated cable. Incl. 10 each 3/8" x3/4" filister head screws, hex nuts and lock washers.	19.35 1.07 0.49
58156 10 PACK	Wireless Solutions CH-158 3 Years	For 1 5/8" corrugated cable. Incl. 10 each 3/8" x3/4" filister head screws, hex nuts and lock washers	19.35 1.65 0.75

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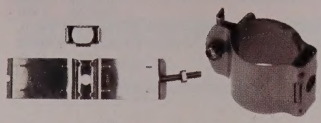
ap-In Hangers

75431 426150

Stainless Steel Snap-In Hangers, which simply push into pre-punched 3/4" holes, save installation time over standard bolt-on hangers. They utilize a four prong locking design that ensures a positive attachment to the mounting surface and a four tab cable locking system to secure the cable within the clamp. Use one for every 3' of cable. 10 per package.

: No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
185 ACK	Wireless Solutions SH-U12 3 Years	For 1/2" corrugated, Cell Reach & Air Cell cable. Also fits LMR600.	19.20 0.7 0.32	19.01 18.72 18.44
431 ACK	RFS Cablewave 915659 1 Year	For 1/2" corrugated cable. Also fits LMR600.	37.10 0.75 0.34	26.35 24.49 22.64
496 ACK	CommScope, Inc. 540EZC 1 Year	For 1/2" Cell Reach cable.	37.00 0.64 0.29	29.60 28.86 27.75
649 ACK	Times Microwave SH-U600T 1 Year	For LMR-600 cable.	37.00 1 0.45	28.86 28.12 27.38
478 ACK	Wireless Solutions SH-U58 3 Years	For 5/8" corrugated & Air Cell cable. Also fits LMR900.	23.90 0.7 0.32	23.67 23.31 22.95
165 ACK	RFS Cablewave 916687 1 Year	For 5/8" corrugated cable. Also fits LMR-900.	46.00 0.8 0.36	32.65 30.35 28.05
676 ACK	Times Microwave SH-U900T 1 Year	For LMR-900 cable.	47.00 0.7 0.32	36.66 35.72 34.78
824 ACK	RFS Cablewave 915660 1 Year	For 7/8" corrugated cable. Also fits LMR-1200.	46.00 0.85 0.39	32.65 30.35 28.05
578 ACK	Wireless Solutions SH-U78 3 Years	For 7/8" corrugated, Cell Reach & Air Cell cable. Also fits LMR1200.	23.90 1.2 0.55	23.67 23.31 22.95
531 ACK	CommScope, Inc. 1070EZC 1 Year	For 7/8" Cell Reach cable.	47.00 0.5 0.23	37.60 36.66 35.25
928 ACK	Times Microwave SH-U1200T 1 Year	For LMR-1200 cable.	47.00 1 0.45	36.66 35.72 34.78
971 ACK	Wireless Solutions SH-U114 3 Years	For 1-1/4" corrugated cable. Also fits LMR1700.	23.90 1.3 0.59	23.67 23.31 22.95
217 ACK	RFS Cablewave 915594 1 Year	For 1-1/4" corrugated cable.	46.00 1.91 0.87	32.65 30.35 28.05
514 ACK	Times Microwave SH-U1700T 1 Year	For LMR-1700 cable.	47.00 2 0.91	36.66 35.72 34.78
164 ACK	Wireless Solutions SH-U158 3 Years	For 1-5/8" corrugated, Cell Reach & Air Cell cable.	23.90 1.58 0.72	23.67 23.31 22.95
103 ACK	RFS Cablewave 915661B 1 Year	For 1-5/8" corrugated cable.	46.00 1.5 0.68	32.65 30.35 28.05
198 ACK	CommScope, Inc. 1873EZC 1 Year	For 1 5/8" Cell Reach cable.	47.00 1.5 0.68	37.60 36.66 35.25
W 150 ACK	Andrew Corporation 206706-4 10 Years	Snap-In Hangers for 1 5/8" Corrugated Cable	46.00 10 4.54	33.34 31.04 28.74
179 ACK	Wireless Solutions SH-U214 3 Years	For 2-1/4" corrugated, Cell Reach & Air Cell cable.	29.10 2 0.91	28.81 28.38 27.94
20 ACK	RFS Cablewave 916072 1 Year	For 2-1/4" corrugated cable.	56.00 1.7 0.77	39.76 36.96 34.16

Butterfly Hanger Kits for Waveguide



86132 63631

Stainless Steel Butterfly Hangers for elliptical waveguide. 10 per package. Use with either round member adapter kits or angle member member adapters depending on the tower leg. Recommended spacing is one hanger for every 3 feet of cable.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 452351 10 PACK	Wireless Solutions BH-43 3 Years	For EW43, WE37, WE46, E38 & ES46 elliptical waveguide. Hardware is included.	19.35 2 0.91	19.16 18.87 18.58
NEW 485390 10 PACK	Wireless Solutions BH-52 3 Years	For EW52, WE61 & E60 elliptical waveguide. Hardware is included.	19.35 1.3 0.59	19.16 18.87 18.58
86132 10 PACK	Wireless Solutions BH-52-NH 3 Years	For EW52, WE61 & E60 elliptical waveguide. No hardware included.	15.60 1.3 0.59	15.45 15.21 14.98
63631 10 PACK	RFS Cablewave 920981-003 1 Year	For E60 and EP60 elliptical waveguide.	41.00 0.9 0.41	28.70 27.68 26.65
46453 10 PACK	Wireless Solutions BH-63 3 Years	For EW63, WE65 & E65 elliptical waveguide. Hardware is included.	19.35 1.8 0.82	19.16 18.87 18.58
34525 10 PACK	Wireless Solutions BH-63-NH 3 Years	For EW63, WE65 & E65 elliptical waveguide. No hardware included.	15.60 2 0.91	15.45 15.21 14.98
NEW 442166 10 PACK	Andrew Corporation 42396A-7 10 Years	For use with EW63 Hardware not included.	41.00 1.25 0.57	34.85 33.83 33.42
NEW 482379 10 PACK	Wireless Solutions BH-64 3 Years	For EW64 elliptical waveguide. Hardware is included.	19.35 3 1.36	19.16 18.87 18.58
NEW 425355 10 PACK	Wireless Solutions BH-77 3 Years	For EW77, E78 & WE78 elliptical waveguide. Hardware is included.	19.35 2 0.91	19.16 18.87 18.58
46458 10 PACK	Wireless Solutions BH-85 3 Years	For EW85, EW90, E105 & WE108 elliptical waveguide. Hardware is included.	19.35 0.73 0.33	19.16 18.87 18.58
59704 10 PACK	Wireless Solutions BH-85-NH 3 Years	For EW85, WE90, E105 & WE108 elliptical waveguide. No hardware included.	15.60 2 0.91	15.45 15.21 14.98
NEW 457333 10 PACK	Wireless Solutions BH-127 3 Years	For EW127, EW132, WE130, E130, WE150 & E150 elliptical waveguide. Hardware is included.	19.35 2 0.91	19.16 18.87 18.58
NEW 473332 10 PACK	Wireless Solutions BH-180 3 Years	For EW180, WE191 & E185 elliptical waveguide. Hardware is included.	14.65 2 0.91	14.51 14.29 14.07
46490 10 PACK	Wireless Solutions BH-180-NH 3 Years	For EW180, WE191 & E185 elliptical waveguide. No hardware included.	10.90 2 0.91	10.80 10.63 10.47

Snap-In Hangers for Waveguide

Stainless Steel Snap-In Hangers, which simply push into pre-punched 3/4" holes, save installation time over standard bolt-on hangers. They utilize a four prong locking design that ensures a positive attachment to the mounting surface and a four tab cable locking system to secure the cable within the clamp. Use one for every 3' of cable. 10 per package.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 483191 10 PACK	Andrew Corporation EWSH-52 10 Years	For use with EW52 Waveguide	135.00 10 4.54	114.75 111.38 110.03
NEW 484189 10 PACK	Andrew Corporation EWSH-63 10 Years	For use with EW63 Waveguide	135.00 10 4.54	114.75 111.38 110.03
NEW 422165 10 PACK	Andrew Corporation EWSH-64 10 Years	For use with EW64 Waveguide	135.00 10 4.54	114.75 111.38 110.03
NEW 469161 10 PACK	Andrew Corporation EWSH-77 10 Years	For use with EW77 Waveguide	115.00 10 4.54	97.75 94.88 93.73

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 425170 10 PACK	Andrew Corporation EWSH-90 10 Years	For use with EW90 Waveguide	115.00 10 4.54	97.75 94.88 93.73

Hardware Kits for Hangers

Hardware kits for use with standard hanger kits, cushion assemblies, and other cable support accessories. Stainless steel construction. All bolts feature a fillister head.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 432140 10 PACK	Wireless Solutions HK-34-10 3 Years	3/8" dia. x 3/4" slotted bolts, nuts, and lockwashers	3.75 1 0.45	3.72 3.66 3.60
486112 10 PACK	Andrew Corporation 31769-5 10 Years	3/8" dia. x 3/4" long bolts, nuts and lockwashers.	13.00 0.68 0.31	9.43 8.78 8.13
32017 10 PACK	Wireless Solutions HW-3834 2 Years	3/8" dia. x 3/4" long bolts, nuts, and lockwashers	8.80 0.68 0.31	6.43 6.34 6.16
83624 10 PACK	Universal Fit Products HW-3810 2 Years	3/8" dia. x 1" long bolts, nuts, and lockwashers	8.00 0.76 0.35	5.84 5.76 5.60

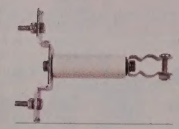
Andrew Snapstak Snap-in Hangers

The New Snapstak snap-in hangers can be stacked up to three deep when using 1/2" and 7/8" coax, or two deep when using 1-1/4" and 1-5/8" coax. Each hanger accomodates one run of HELIAX cable. The distinctive, self-contained design of the SnapStak stackable snap-in hangers eliminates the need for mounting hardware and installation tools. This simplifies coaxial cable installations, lowering both time and cost.***ORDER ANGLE ADAPTOR OR ROUND MEMBER SEPARATE***

- No Hardware Required!
- Absorbs Vibrations!
- Versatile Installation Options!
- New antenna systems can now be added to crowded tenant towers

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
484188 10 PACK	Andrew Corporation SSH-12 10 Years	Snap-in Hanger for 1/2" Cable.	37.10 1.07 0.49	26.90 25.05 23.19
424133 10 PACK	Andrew Corporation SSH-78 10 Years	Snap-in Hanger for 7/8" Cable.	46.00 2 0.91	33.34 31.04 28.74
487158 10 PACK	Andrew Corporation SSH-114 10 Years	Snap-in Hanger for 1-1/4" Cable.	46.00 2 0.91	33.34 31.04 28.74

Insulated Hangers



Insulated cable hangers are stainless steel with ceramic insulator. For use on an insulated tower. Recommended spacing is one every three feet. Sold one per package.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
79525 1 EACH	RFS Cablewave 920150-001 1 Year	For 1/2" cable	40.00 0.86 0.39	28.40 26.40 24.40
36471 1 EACH	RFS Cablewave 920150-002 1 Year	For 7/8" cable	40.00 0.86 0.39	28.40 26.40 24.40

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
14704 1 EACH	RFS Cablewave 920161-009 1 Year	For 1-1/4" cable	34.00 2 0.91	
47911 1 EACH	RFS Cablewave 920161-003 1 Year	For 1-5/8" cable	39.00 2 0.91	

Self-Locking Hanger Kits

457180

Snap in hangers for coaxial cables. These stainless steel hangers s into towers and mounting assemblies that are 0.120" to 0.150" t and are pre-punched with 3/4" dia. holes. Recommended spacing hanger for every three feet of cable. 10 hangers per package.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	
45920 10 PACK	RFS Cablewave 915620-015 1 Year	1/2" Self-Locking Hanger (Not Riser Type)	16.00 0.6 0.27	
36249 10 PACK	RFS Cablewave 915620-017 1 Year	1/2" Riser Type Self Locking	17.60 0.6 0.27	
457180 10 PACK	Andrew Corporation 209800-15 10 Years	Self-locking hanger for 1/2" Radiating Cable.	11.70 0.15 0.07	
487107 10 PACK	Andrew Corporation 209800-17 10 Years	Self-locking hanger for 1/2" Fire Retardant Cable	12.20 1.07 0.49	
NEW 466374 10 PACK	Andrew Corporation 40954-2 10 Years	10 pack of Metal Radiating Cable Hangers for Tunnel Installations, not for in-building use.	15.50 3 1.36	
30258 10 PACK	RFS Cablewave 915620-025 1 Year	7/8" Self Locking Hanger (not Riser Type)	19.55 0.6 0.27	
81912 10 PACK	RFS Cablewave 915620-028 1 Year	7/8" Riser Type Self Locking	26.80 0.6 0.27	
490107 10 PACK	Andrew Corporation 209800-25	Self-locking hanger for 7/8" Radiating Cable.	18.00 1.07 0.49	
443139 10 PACK	Andrew Corporation 209800-28 10 Years	Self-locking hanger for 7/8" Fire Retardant Cable.	18.70 1.07 0.49	
48070 10 PACK	RFS Cablewave 915620-036 1 Year	1-1/4" Riser Type Self Locking	41.75 0.75 0.34	
75352 10 PACK	RFS Cablewave 915620-047 1 Year	1-5/8" Riser Type Self Locking	41.75 0.75 0.34	

Self-Locking Hanger Accessories

68698

487134

432171

Accessories for use with Self-Locking Hanger Kits

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	
68698 10 PACK	RFS Cablewave 915626 1 Year	Adapter for use with self-locking hangers 1/4" to 3/8".	22.00 0.75 0.34	
480103 10 PACK	RFS Cablewave 915630 1 Year	Strut catcher for use with plastic, self locking hangers. Slides into 1 5/8" strut and eliminates the need for a spring nut. spring nut.	38.00 0.75 0.34	
NEW 460151 10 PACK	Andrew Corporation 209820 10 Years	Messenger cable strap kit for mounting all sizes of RADIAX EXCEPT type RXL4-3, to 1/4"- 5/16" messenger cable. Insulated Radiating Cable.	12.50 0.15 0.07	

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nuing product table (2 of 2)

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
7134 ACK	Andrew Corporation 209799 10 Years	1/4" Stud Kit to Attach Hanger.	8.50 1.07 0.49	8.50 8.33 8.08
3175 ACK	Andrew Corporation 209798 10 Years	Adaptor Kit for use to mount hanger with 3/8" threaded rod.	22.00 1.07 0.49	22.00 21.56 20.90
2171 ACK	Andrew Corporation 209797 10 Years	Flange Kit for use to mount hanger with 1/4" threaded rod.	6.50 1.07 0.49	6.50 6.37 6.18

ushion Hanger Assemblies

Cushion Hanger Assemblies utilize a stainless steel hose clamp around a round port cushion to hold coax cable or elliptical waveguide runs securely in place. A mounting clip is included to accommodate pre-punched members. Other hardware is not included. Kits of 5.

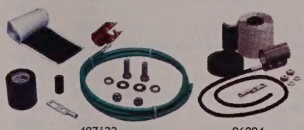
No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
194 CK	Wireless Solutions CH-A12-1 3 Years	Inlcudes 1 hole cushion for 1/2" cable. Hardware not included.	35.00 3 1.36	34.65 34.13 33.60
731 CK	Wireless Solutions CH-A12-2 3 Years	Inlcudes 2 hole cushion for 1/2" cable. Hardware not included.	35.00 2.3 1.05	34.65 34.13 33.60
517 CK	Wireless Solutions CH-A12-3 3 Years	Inlcudes 3 hole cushion for 1/2" cable. Hardware not included.	35.00 2.22 1.01	34.65 34.13 33.60
910 CK	Wireless Solutions CH-A12-4 3 Years	Inlcudes 4 hole cushion for 1/2" cable. Hardware not included.	35.00 3 1.36	34.65 34.13 33.60
W 141 CK	Wireless Solutions CH-A12-5 3 Years	Inlcudes 5 hole cushion for 1/2" cable. Hardware not included.	35.00 3 1.36	34.65 34.13 33.60
189 CK	Wireless Solutions CH-A78-1 3 Years	Inlcudes 1 hole cushion for 7/8" cable. Hardware not included.	35.00 3 1.36	34.65 34.13 33.60
268 CK	Wireless Solutions CH-A78-2 3 Years	Inlcudes 2 hole cushion for 7/8" cable. Hardware not included.	35.00 3 1.36	34.65 34.13 33.60
361 CK	Wireless Solutions CH-A78-3 3 Years	Inlcudes 3 hole cushion for 7/8" cable. Hardware not included.	35.00 3 1.36	34.65 34.13 33.60
454 CK	Wireless Solutions CH-A78-4 3 Years	Inlcudes 4 hole cushion for 7/8" cable. Hardware not included.	35.00 3 1.36	34.65 34.13 33.60
540 CK	Wireless Solutions CH-A114-1 3 Years	Inlcudes 1 hole cushion for 1-1/4" cable. Hardware not included	35.00 3 1.36	34.65 34.13 33.60
626 CK	Wireless Solutions CH-A158-1 3 Years	Inlcudes 1 hole cushion for 1-5/8" cable. Hardware not included	35.00 1.83 0.83	34.65 34.13 33.60
719 CK	Wireless Solutions CH-A214-1 3 Years	Inlcudes 1 hole cushion for 2-1/4" cable. Hardware is not included.	35.00 3 1.36	34.65 34.13 33.60
883 CK	Wireless Solutions CH-ARG213-6 3 Years	Inlcudes 6 hole cushion for RG11, RG213, RG214, 9913, 9914, and LMR-400 cable. Hardware not included.	35.00 2.3 1.05	34.65 34.13 33.60
976 CK	Wireless Solutions CH-ARG8-6 3 Years	Inlcudes 6 hole cushion for RG8 coax. Hardware not included.	35.00 3 1.36	34.65 34.13 33.60
W 142 CK	Wireless Solutions CH-A52-1 3 years	Includes 1 hole cushion for use with Andrew EW52 & RFS WE61. Hardware not included.	35.00 2.3 1.05	34.65 34.13 33.60
W 196 CK	Wireless Solutions CH-A63-1 3 years	Includes 1 hole cushion for use with Andrew EW63 & RFS WE65. Hardware not included.	35.00 2.3 1.05	34.65 34.13 33.60

Grounding Kits [436-54]

Need to verify your ground system?

Site Hardware . . . . . page 498
Ground Resistance Testers . . . . . page 1462

Standard Grounding Kits



487122 86894

The Standard Ground Kits facilitate easy installation with a pre-formed copper strap that eliminates the need for a coiling tool and prevents overtightening. They are designed to comply with MIL-STD-188-124A and have been verified by independent labs to protect coax from lightning strikes in excess of 200 kA. Each kit includes either a 2' or 5' 6-gauge 7-strand copper ground lead. The 5' lead can be trimmed to the exact length needed. Also included is either a two-hole or a one-hole lug which come attached or unattached. All necessary for attachment to the buss bar, mastic and electrical tape for weatherproofing for each kit. Kits are available for both coax and elliptical waveguide.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
67985 1 EACH	Wireless Solutions GK-S38 3 Years	For 3/8" corrugated cable. 5' ground lead and 2-hole 3/8" universal lug.	14.00 2 0.91	13.86 13.65 13.44
481194 1 EACH	Andrew Corporation 223158 10 Years	For use with 1/4" and 3/8" cable. 2' ground wire with solid copper riveted strap. Factory attached one hole lug.	25.10 1.1 0.5	18.19 16.93 15.68
487122 1 EACH	Harger CGKBB3/8-5	3/8" Coax Ground Kit	14.75 1.5 0.68	14.53 14.46 14.31
41669 1 EACH	Wireless Solutions GK-S12 3 Years	For 1/2" corrugated cable. 5' ground lead and 2-hole 3/8" universal lug.	14.00 1.2 0.55	13.86 13.65 13.44
411076 1 EACH	RFS Cablewave 921231-012 1 Year	For 1/2" copper cable. Factory attached, two-hole lug.	25.10 1.9 0.86	17.83 16.57 15.32
445057 1 EACH	RFS Cablewave 921232-012 1 Year	For 1/2" copper cable. Crimp-on, two-hole lug.	26.15 2.15 0.98	18.57 17.26 15.96
NEW 444197 1 EACH	Andrew Corporation 241088-1 10 Years	For use with 1/2" cable. 2' ground wire with solid copper riveted strap. Factory attached two hole lug.	25.10 1.51 0.69	18.19 16.93 15.68
97212 1 EACH	CommScope, Inc. 540SGK 5 Years	For 1/2" Cell Reach cable.	25.00 1.4 0.64	20.00 19.50 18.75
456164 1 EACH	Harger CGKBB1/2-5	1/2" Coax Ground Kit	14.75 1.7 0.77	14.53 14.46 14.31
478181 1 EACH	RFS Cablewave 921232-058 1 Year	For 5/8" copper cable. Crimp-on, two-hole lug (0.815 spacing,3/8" dia).	32.40 0.62 0.28	23.01 21.39 19.77
494188 1 EACH	Harger CGKBB5/8-5	5/8" Coax Ground Kit	15.75 1.5 0.68	15.52 15.44 15.28
46140 1 EACH	Wireless Solutions GK-S78 3 Years	For 7/8" corrugated cable. 5' ground lead and 2-hole 3/8" universal lug.	15.60 2.04 0.93	15.45 15.21 14.98
457003 1 EACH	RFS Cablewave 921232-078 1 Year	For 7/8" copper cable. Crimp-on, two-hole lug (0.815 spacing,3/8" dia).	32.40 2.25 1.02	23.01 21.39 19.77
NEW 491147 1 EACH	Andrew Corporation 204989-2 10 Years	For use with 7/8" cable. 2' ground wire with solid copper riveted strap. Factory attached one hole lug.	30.35 1.51 0.69	21.98 20.46 18.95
NEW 11149 1 EACH	Andrew Corporation 241088-7 10 Years	For use with 1-1/4" cable. 2' ground wire with solid copper riveted strap. Factory attached two hole lug.	32.40 1.61 0.73	23.49 21.87 20.25
63420 1 EACH	Wireless Solutions GK-S78CR 3 Years	For 7/8" Cell Reach cable. 5' ground lead and 2-hole 3/8" universal lug.	15.60 1.95 0.89	15.45 15.21 14.98
24571 1 EACH	CommScope, Inc. 1070SGK 5 Years	For 7/8" Cell Reach cable.	31.00 1.5 0.68	24.80 24.18 23.25
443140 1 EACH	Harger CGKBB7/8-5	7/8" Coax Ground Kit	15.75 1.5 0.68	15.52 15.44 15.28

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
32926 I EACH	Wireless Solutions GK-S114 3 Years	For 1-1/4" corrugated cable. 5' ground lead and 2-hole 3/8" universal lug.	16.60 2.1 0.95	16.44 16.19 15.94
458118 I EACH	Andrew Corporation 241088-3 10 Years	For use with 1-1/4" cable. 2' ground wire with solid copper riveted strap. Factory attached two hole lug.	32.40 1.51 0.69	23.49 21.87 20.25
451133 I EACH	Harger CGKBB1-1/4-5	1-1/4" Coax Ground Kit	16.90 1.5 0.68	16.65 16.57 16.40
19712 I EACH	Wireless Solutions GK-S158 3 Years	For 1-5/8" corrugated cable. 5' ground lead and 2-hole 3/8" universal lug.	16.90 2.5 1.14	16.74 16.48 16.23
63407 I EACH	Wireless Solutions GK-S158CR 3 Years	For 1 5/8" Cell Reach cable. 5' ground lead and 2-hole 3/8" universal lug.	16.90 1.6 0.73	16.74 16.48 16.23
420076 I EACH	RFS Cablewave 921231-158 1 Year	For 1-5/8" copper cable. Factory attached, two-hole lug.	33.45 1.7 0.77	23.75 22.08 20.41
90017 I EACH	RFS Cablewave 921232-158 1 Year	For 1-5/8" copper cable. Crimp-on, two-hole lug.	34.50 0.62 0.28	24.50 22.77 21.05
411120 I EACH	Andrew Corporation 204989-4 10 Years	For use with 1-5/8" cable. 2' ground wire with solid copper riveted strap. Factory attached one hole lug.	31.35 1.51 0.69	22.73 21.17 19.60
86894 I EACH	CommScope, Inc. 1873SGK 5 Years	For 1 5/8" Cell Reach cable.	35.50 1.5 0.68	28.40 27.69 26.63
NEW 466115 I EACH	Andrew Corporation 241088-9 1 Year	For 1 5/8" diameter cables. For cables EW44, 52 & 63. Two hole, field attachable crimp on lug.	34.50 1.26 0.57	25.01 23.29 21.56
416102 I EACH	Harger CGKBB1-5/8-5	1-5/8" Coax Ground Kit	17.25 1.74 0.79	17.00 16.91 16.74
14471 I EACH	Wireless Solutions GK-S214 3 Years	For 2-1/4" corrugated cable. 5' ground lead and 2-hole 3/8" universal lug.	17.70 1.6 0.73	17.53 17.26 17.00
426102 I EACH	Harger CGKBB2-1/4-5	2-1/4" Coax Ground Kit	21.50 1.5 0.68	21.18 21.07 20.86
NEW 470135 I EACH	Andrew Corporation 204989-6 10 Years	For use with EW17/20 Waveguide. 2' ground wire with solid copper riveted strap. Factory attached one hole lug.	42.85 1.51 0.69	31.07 28.93 26.79
46432 I EACH	Wireless Solutions GK-S52 3 Years	For EW52 & WE61 elliptical waveguide. 5' ground lead and 2-hole 3/8" universal lug.	16.90 2 0.91	16.74 16.48 16.23
46440 I EACH	Wireless Solutions GK-S63 3 Years	For EW63 & WE65 elliptical waveguide. 5' ground lead and 2-hole 3/8" universal lug.	16.90 1.6 0.73	16.74 16.48 16.23
46448 I EACH	Wireless Solutions GK-S85 3 Years	For EW85, EW90, & WE108 elliptical waveguide. 5' ground lead and 2-hole 3/8" universal lug.	15.60 1.6 0.73	15.45 15.21 14.98
497182 I EACH	Andrew Corporation 241088-4 1 Year	Grounding kit for WE52 elliptical waveguide. Inc. solid copper grounding clamp and 6ga copper ground strap with factory crimped lugs on each end for high current handling and long life.	33.45 2 0.91	24.25 22.58 20.90
97615 I EACH	RFS Cablewave 921233-061 1 Year	Grounding kit for E60 and EP60 elliptical waveguide. Inc. solid copper grounding clamp and 6ga copper ground strap with factory crimped lugs on each end for high current handling and long life.	33.45 2 0.91	23.42 22.58 21.75
NEW 456175 I EACH	Andrew Corporation 204989-22 10 Years	For use with 7/8" cable. 2' ground wire with solid copper riveted strap. Factory attached one hole lug.	31.35 1.51 0.69	22.73 21.17 19.60

Grounding Kits-Times LMR Cables

These standard ground kits facilitate easy installation with a pre-formed copper strap that eliminates the need for a coiling tool and prevents overtightening. Each kit contains 5', 6 ga. 7 strand cable, which can be cut to length, and a 1/4" two hole lug for field attachment.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 436333 I EACH	Times Microwave GK-S200T 1 Year	Standard ground kit for LMR-200, LMR-195 and RG58 cables.	25.00 1.5 0.68	19.50 19.00 18.50

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
12155 I EACH	Times Microwave GK-S400T 1 Year	Standard ground kit for LMR-400 cable.	25.00 1.5 0.68
498086 I EACH	Times Microwave GK-S240T 1 Year	Standard ground kit for LMR-240, RG8X and Proflex cables.	25.00 1.5 0.68
43826 I EACH	Times Microwave GK-S500T 1 Year	Standard ground kit for LMR-500 cable.	25.00 1.5 0.68
99716 I EACH	Times Microwave GK-S600T 1 Year	Standard ground kit for LMR-600 cable.	25.00 2.05 0.93
93598 I EACH	Times Microwave GK-S900T 1 Year	Standard ground kit for LMR-900 cable.	25.00 1.5 0.68
48109 I EACH	Times Microwave GK-S1200T 1 Year	Standard ground kit for LMR-1200 cable.	31.00 1.68 0.76
86502 I EACH	Times Microwave GK-S1700T 1 Year	Standard ground kit for LMR-1700 cable.	32.00 1.95 0.89

Clip-On Ground Kits

69929 488148

The Clip-on Ground Kits provide the ultimate in of installation and provides reliable protection of coaxial cable system. The clip design and pre-form strap allows them to be easily slipped over the o conductor of the coax and firmly latched into pla They greatly reduce installation time over standa bolt-on grounding kits. Designed to comply with STD-188-124A. All buss bar attachment hardwar included, along with required mastic and electric for weatherproofing. Each kit also includes a 6-g 7-strand copper ground lead with your choice of lengths and attached or unattached lugs.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
444140 I EACH	Andrew Corporation SGL4-06B1 10 Years	1/2" copper cable. Factory attached, one-hole lug. 24" Grounding wire.	24.50 0.62 0.28
95108 I EACH	RFS Cablewave 916383 1 Year	For 1/2" corrugated coax. 2' ground lead with factory attached, 3/8", 2 hole, crimp on lug.	30.00 1.65 0.75
480197 I EACH	Andrew Corporation SGL45-06B1 10 Years	5/8" copper cable. Factory attached, one-hole lug.	29.60 0.62 0.28
NEW 67471 I EACH	Wireless Solutions GK-C12 3 Years	For 1/2" corrugated coax, 5' ground lead, Universal 3/8" 2-hole lug unattached.	15.60 1.5 0.68
474166 I EACH	Andrew Corporation SGL5-06B1 10 Years	7/8" copper cable. Factory attached, one-hole lug.	29.60 0.62 0.28
69929 I EACH	RFS Cablewave 916382 1 Year	For 1/2" corrugated coax. 5' ground lead with field attachable, 3/8", 2 hole, crimp on lug.	35.00 1.5 0.68
488148 I EACH	Andrew Corporation SGL4-06B2 10 Years	1/2" copper cable. Factory attached, Two-hole lug.	25.50 0.62 0.28
NEW 494360 I EACH	Wireless Solutions GK-C58 3 Years	For 5/8" corrugated coax, 5' ground lead, Universal 3/8" 2-hole lug unattached.	15.60 1.5 0.68
474142 I EACH	Andrew Corporation SGL45-06B2 10 Years	5/8" copper cable. Factory attached, Two-hole lug.	30.60 0.62 0.28
53008 I EACH	Wireless Solutions GK-C78-2H2 3 Years	For 7/8" corrugated coax, 2' ground lead, universal 3/8" 2-hole lug attached.	15.90 1.6 0.73
14615 I EACH	Wireless Solutions GK-C78 3 Years	For 7/8" corrugated coax, 5' ground lead, Universal 3/8" 2-hole lug unattached.	15.90 1.95 0.89
91401 I EACH	Wireless Solutions GK-C78S 3 Years	For 7/8" corrugated coax, 5' ground lead, 1-hole screw-on lug.	18.50 1.8 0.82
17073 I EACH	RFS Cablewave 916386 1 Year	For 7/8" corrugated coax. 2' ground lead with factory attached, 3/8", 2 hole, crimp on lug.	30.00 1.55 0.7
43501 I EACH	RFS Cablewave 916385 1 Year	For 7/8" corrugated coax. 5' ground lead with field attachable, 3/8", 2 hole, crimp on lug.	35.00 1.8 0.82

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Coax Cable and Transmission Line Access

ing product table (2 of 2)

lo. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
50 :H	Andrew Corporation SGL5-15B4 10 Years	7/8" copper cable. Field attached, two-hole lug. With 59" Ground wire.	33.70 0.62 0.28	24.41 22.73 21.04
16 :H	Andrew Corporation SGL5-06B2 10 Years	For 7/8" copper cable. Factory attached two-hole lug.	30.60 0.62 0.28	22.19 20.66 19.13
17 :H	Wireless Solutions GK-C114-2H2 3 Years	For 1-1/4" corrugated coax, 2' ground lead, universal 3/8" 2-hole lug attached.	16.40 2 0.91	16.24 15.99 15.75
14 :H	Wireless Solutions GK-C114 3 Years	For 1-1/4" corrugated coax, 5' ground lead, and universal 3/8" 2-hole lug unattached.	16.40 1.92 0.87	16.24 15.99 15.75
19 :H	Wireless Solutions GK-C114S 3 Years	For 1-1/4" corrugated coax, 5' ground lead, and 1-hole screw-on lug.	19.00 2 0.91	18.81 18.53 18.24
16 :H	RFS Cablewave 916389 1 Year	For 1 1/4" corrugated coax. 2' ground lead with factory attached, 3/8", 2 hole, crimp on lug.	31.00 1.5 0.68	22.01 20.46 18.91
14 :H	RFS Cablewave 916388 1 Year	For 1 1/4" corrugated coax. 5' ground lead with field attachable, 3/8", 2 hole, crimp on lug.	36.00 1.9 0.86	25.56 23.76 21.96
00 :H	Andrew Corporation SGL6-06B2 10 Years	For 1-1/4" copper cable. Factory attached two-hole lug.	31.65 5 2.27	22.93 21.35 19.77
8 :H	Wireless Solutions GK-C158-2H2 3 Years	For 1-5/8" corrugated coax, 2' ground lead, universal 3/8" 2-hole lug attached.	16.90 1.6 0.73	16.74 16.48 16.23
5 :H	Wireless Solutions GK-C158 3 Years	For 1-5/8" corrugated coax, 5' ground lead, 3/8" 2-hole lug unattached.	16.90 1.95 0.89	16.74 16.48 16.23
1 :H	Wireless Solutions GK-C158S 3 Years	For 1-5/8" corrugated coax, 5' ground lead, 1-hole screw on lug.	19.50 1.5 0.68	19.31 19.02 18.72
9 :H	RFS Cablewave 916392 1 Year	For 1 5/8" corrugated coax. 2' ground lead with factory attached, 3/8", 2 hole, crimp on lug.	32.00 1.61 0.73	22.72 21.12 19.52
7 :H	RFS Cablewave 916391 1 Year	For 1 5/8" corrugated coax. 5' ground lead with field attachable, 3/8", 2 hole, crimp on lug.	37.00 1.5 0.68	26.27 24.42 22.57
00 :H	Andrew Corporation SGL7-06B2 10 Years	1-5/8" copper cable. Factory attached, Two-hole lug.	32.65 0.62 0.28	23.67 22.04 20.40
7 :H	Wireless Solutions GK-C214-2H2 3 Years	For 2-1/4" corrugated coax, 2' ground lead, universal 3/8" 2-hole lug attached.	17.70 2 0.91	17.53 17.26 17.00
4 :H	Wireless Solutions GK-C214 3 Years	For 2-1/4" corrugated coax, 5' ground lead, universal 3/8" 2-hole lug unattached.	17.70 2 0.91	17.53 17.26 17.00
0 :H	Wireless Solutions GK-C214S 3 Years	For 2-1/4" corrugated coax, 5' ground lead, 1-hole screw on lug.	23.70 2 0.91	23.47 23.11 22.76
0 :H	RFS Cablewave 916394 1 Year	For 2 1/4" corrugated coax. 5' ground lead with field attachable, 3/8", 2 hole, crimp on lug.	37.00 1.5 0.68	26.27 24.42 22.57
38 :H	Andrew Corporation SGL12-06B2 10 Years	2-1/4" copper cable. Factory attached, Two-hole lug.	33.70 0.62 0.28	24.41 22.73 21.04

mium Universal Grounding Kit

25538 55646

This Premium Grounding Kit installs like a traditional kit, but has a unique design point allowing one kit to fit any cable size from 1/2" to 3". It features an elongated flat ground strap which the installer must simply cut in a pre-marked spot depending on the cable size used. Because it is universal, it will lower your inventory costs and ensure that you have the right kit in the field when you need it. Also included is a complete weatherproofing package with butyl and electrical tape.

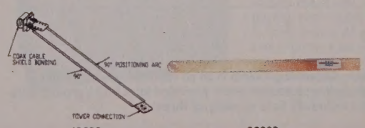
ng product table (1 of 2)

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
8 :H	Wireless Solutions GK-U1H2-A38 3 Years	2' ground lead. 3/8" one hole lug, attached.	22.50 1.69 0.77	22.28 21.94 21.60
8 :H	Wireless Solutions GK-U1H3-A38 3 Years	3' ground lead. 3/8" one hole lug, attached.	22.50 1.85 0.84	22.28 21.94 21.60

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
69651 1 EACH	Wireless Solutions GK-U1H4-A38 3 Years	4' ground lead. 3/8" one hole lug, attached.	22.50 1.5 0.68	22.28 21.94 21.60
11782 1 EACH	Wireless Solutions GK-U1H5-A38 3 Years	5' ground lead. 3/8" one hole lug, attached.	22.50 1.9 0.86	22.28 21.94 21.60
62140 1 EACH	Wireless Solutions GK-U2H2-A14 3 Years	2' ground lead. 1/4" Two hole lug, factory attached.	22.50 1.5 0.68	22.28 21.94 21.60
48926 1 EACH	Wireless Solutions GK-U2H4-A14 3 Years	4' ground lead. 1/4" Two hole lug, factory attached.	22.50 1.5 0.68	22.28 21.94 21.60
87319 1 EACH	Wireless Solutions GK-U2H5-A14 3 Years	5' ground lead. 1/4" Two hole lug, factory attached.	22.50 1.5 0.68	22.28 21.94 21.60
35712 1 EACH	Wireless Solutions GK-U2H2-A38 3 Years	2' ground lead. 3/8" Two hole lug, factory attached.	22.50 1.5 0.68	22.28 21.94 21.60
74105 1 EACH	Wireless Solutions GK-U2H3-A38 3 Years	3' ground lead. 3/8" Two hole lug, factory attached.	22.50 1.5 0.68	22.28 21.94 21.60
22498 1 EACH	Wireless Solutions GK-U2H4-A38 3 Years	4' ground lead. 3/8" Two hole lug, factory attached.	22.50 2 0.91	22.28 21.94 21.60
60891 1 EACH	Wireless Solutions GK-U2H5-A38 3 Years	5' ground lead. 3/8" Two hole lug, factory attached.	22.50 1.5 0.68	22.28 21.94 21.60
10533 1 EACH	Wireless Solutions GK-U2H3-A14 3 Years	3' ground lead. 1/4" Two hole lug, factory attached.	22.50 2 0.91	22.28 21.94 21.60
18514 1 EACH	Wireless Solutions GK-U1H5-U 3 Years	5' ground lead. One hole 1/4" lug, unattached.	22.50 1.5 0.68	22.28 21.94 21.60
23747 1 EACH	Wireless Solutions GK-U2H5-U 3 Years	5' ground lead. 1/4" two hole lug & 3/8" two hole univ. lug, unattached.	22.50 2.15 0.98	22.28 21.94 21.60
55646 1 EACH	CESCO UGK-15 1 Year	2' ground lead with factory attached lug.	25.00 1.25 0.57	20.00 19.38 18.75
82798 1 EACH	CESCO UGK-15CL 1 Year	3' ground lead with crimp-on lug and heat shrink sleeve.	28.00 1.25 0.57	22.40 21.70 21.00
42432 1 EACH	CESCO UGK-15SL 1 Year	3' ground lead with screw-on lug and heat shrink sleeve.	37.50 1.25 0.57	30.00 29.07 28.13
22772 1 EACH	CESCO UGK-15SL5FT 1 Year	5' ground lead with screw-on lug and heat shrink sleeve.	38.50 1.4 0.64	30.80 29.84 28.88
30300 1 EACH	CESCO UGK-15-6 1 Year	6' ground lead with crimp-on lug and heat shrink sleeve.	39.25 1.4 0.64	31.40 30.42 29.44

Universal Grounding Kit



63823 28803

Unique cable grounding kits adjusts to fit cables from 1/4" to 2" in diameter. Strap offers low resistance and inductance than grounding wire. Quick installation with one nut driver. Adjustable strap to cable angle. Includes weatherproofing materials. Four different models to eliminate problems associated with bonding dissimilar metals.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
63823 1 EACH	PolyPhaser UNI-KIT 2CT 10 Years	Grounds copper cable to aluminum, tin,or galvanized tower	32.95 1.25 0.57	29.00 27.02 25.71
15589 1 EACH	PolyPhaser UNI-KIT 2TT 10 Years	Grounds tinned coax to aluminum, tin or galvanized tower	32.95 1.25 0.57	29.00 27.02 25.71
28803 1 EACH	PolyPhaser UNI-KIT 2CC 10 Years	Grounds copper cable to copper or brass	32.95 1.25 0.57	29.00 27.02 25.71
67196 1 EACH	PolyPhaser UNI-KIT 2TC 10 Years	Grounds tinned coax to copper or brass	32.95 1.25 0.57	29.00 27.02 25.71

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Hard Shell Grounding Kits

Hard Shell Ground Kits install in less than 3 minutes with no more tapes or mastics! Designed to meet MIL-STD-188-124A, and verified by independent labs to protect from lightning in excess of 200 kA. Preformed copper clamp prevents overtightening. Durable weather-resistant cover is ideal for use in applications with extreme temperatures, or where UV stability is required. Silicone sealing gasket prevents moisture ingress over the life of the product. Ground lead is 60" long.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
62804 1 EACH	Wireless Solutions GK-78 3 Years	For 7/8" corrugated cable. Crimp-on, 1/4" & 3/8" universal two hole lugs.	19.00 1.44 0.65	18.81 18.53 18.24
11197 1 EACH	Wireless Solutions GK-114 3 Years	For 1-1/4" corrugated cable. Crimp-on 1/4" and 3/8" universal two hole lugs.	20.00 1.4 0.64	19.80 19.50 19.20
49590 1 EACH	Wireless Solutions GK-158 3 Years	For 1-5/8" corrugated cable. Crimp-on, 1/4" and 3/8" universal two hole lugs.	20.50 1.55 0.7	20.30 19.99 19.68

Waterproof Grounding Kits

52745

TERACOM grounding kits are fast and easy to install. Made of silver plated brass, these grounding kits have a high contact surface area and is IP68-Classified (water-pressure proof to 25 meters). These waterproof ground kits require no external weatherproofing, like buytl rubber and electrical tape. They are also reusable.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
77924 1 EACH	Teracom Components Inc. EARK-F012-A0 10 Years	Use with Andrew 1/2" foam dielectric cables.	40.00 0.75 0.34	29.68 29.00 28.00
52745 1 EACH	Teracom Components Inc. EARK-F012-B0 10 Years	Use with Cablewave, Nokia, Eupen 1/2" foam dielectric cable.	40.00 0.75 0.34	29.68 29.00 28.00
38282 1 EACH	Teracom Components Inc. EARK-F078-B0 10 Years	Use with 7/8" foam dielectric cable.	50.00 1.25 0.57	37.10 36.25 35.00
76675 1 EACH	Teracom Components Inc. EARK-F114-A0 10 Years	Use with 1 1/4" foam dielectric cable.	60.00 1.75 0.8	44.52 43.50 42.00
25068 1 EACH	Teracom Components Inc. EARK-F158-A0 10 Years	Use with 1 5/8" foam dielectric cable.	68.00 2.5 1.14	50.46 49.30 47.60

Cable Grounding Clamp

Cable Grounding Clamp is an all stainless steel assembly. A split bolt type attachment is provided for a NO.6 ground wire (not included). Sold in packs of three.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
46531 1 EACH	RFS Celwave PD477 5 Years	For 1/2" and 7/8" cable	36.00 0.46 0.21	28.08 27.44 27.00

Hoisting Grips [436-55]

If you are buying these, you might need:

Site Hardware . . . . . page 4

Pre-Laced Hoisting Grips

57096 417125

Pre-Laced Hoisting Grips feat closed-mesh design allowing grip to slip over an unterminat end of coax and securely tigh when pulled. Also provides a tional support for the coax o place. Includes a self locking and sealing tape to provide a support during and after insta tion.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
NEW 443301 1 EACH	Wireless Solutions HG-38L 3 Years	For 3/8" cable. Single eye.	15.10 1 0.45	
57096 1 EACH	Wireless Solutions HG-12L 3 Years	For 1/2" corrugated, Cell Reach and AirCell cable. Also Fits LMR-600. Single eye.	15.10 1 0.45	
NEW 417125 1 EACH	Andrew Corporation L4SGRIP 10 Years	For 1/2" Superflex.	28.35 0.3 0.14	
NEW 441388 1 EACH	Wireless Solutions HG-58L 3 Years	For 5/8" corrugated and AirCell cable. Also fits LMR900. Single eye.	20.30 0.75 0.34	
43882 1 EACH	Wireless Solutions HG-78L 3 Years	For 7/8" corrugated, Cell Reach and AirCell cable. Also fits LMR1200. Single eye.	21.80 0.75 0.34	
NEW 484108 1 EACH	RFS Cablewave 916535-078 1 Year	For 7/8" cable. Pre-laced. Double Loop.	42.00 0.54 0.25	
NEW 475196 1 EACH	Wireless Solutions HG-114L 3 Years	For 1-1/4" corrugated cable. Also fits LMR1700. Single eye.	23.90 0.5 0.23	
95489 1 EACH	Wireless Solutions HG-158L 3 Years	For 1-5/8" corrugated, Cell Reach and AirCell cable. Single eye.	26.50 1.2 0.55	
NEW 430146 1 EACH	Andrew Corporation L7SGRIP 10 Years	For 1 5/8" Heliax Cable (LDF7-50).	49.45 0.3 0.14	
NEW 426161 1 EACH	Wireless Solutions HG-214L 3 Years	For 2-1/4" corrugated cable. Single eye.	40.60 1.3 0.59	

Lace-Up Hoisting Grips for Coax

488105 35183

Lace-Up Hoisting Grips p vide a reliable means for ing coax into position. C utilized to provide additi support once in place. T lace-up design allows for grip to be attached even the run has been termina Includes a self-locking cli sealing tape to provide a tional support during and installation. Recommend interval is one grip per 2

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
52157 1 EACH	Wireless Solutions HG-12 3 Years	For 1/2" corrugated, Cell Reach & Air Cell cables. Also fits LMR600. Single eye.	14.30 0.45 0.2	
444044 1 EACH	RFS Cablewave 916534-012 1 Year	For 1/2" and 3/8" cables	37.50 0.48 0.22	
440126 1 EACH	Andrew Corporation 43094 10 Years	For 1/2" cable	28.35 0.3 0.14	
496013 1 EACH	Wireless Solutions HG-58 3 Years	For 5/8" corrugated and Air Cell cable. Also fits LMR900. Single Eye.	19.20 0.58 0.26	

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ing product table (2 of 2)

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
23 H	RFS Cablewave 916534-058 1 Year	For 5/8" cable	40.00 0.32 0.15	28.40 26.40 24.40
75 H	Andrew Corporation 29958 10 Years	For 5/8" cable	38.15 0.3 0.14	27.63 25.73 23.82
0 H	Wireless Solutions HG-78 3 Years	For 7/8" corrugated, Cell Reach and Air Cell cables. Also fits LMR1200. Single eye.	20.80 0.5 0.23	20.60 20.28 19.97
42 H	RFS Cablewave 916534-078 1 Year	For 7/8" cable	40.00 0.32 0.15	28.40 26.40 24.40
05 H	Andrew Corporation 19256B 10 Years	For 7/8" cable	41.20 0.65 0.3	29.87 27.81 25.75
6 H	Wireless Solutions HG-114 3 Years	For 1-1/4" corrugated cables. Also fits LMR1700. Single eye.	23.40 0.85 0.39	23.17 22.82 22.47
66 H	RFS Cablewave 916534-114 1 Year	For 1 1/4" cable.	45.00 1 0.45	31.95 29.70 27.45
29 H	Andrew Corporation 29961 10 Years	For 1-1/4" cable	46.35 1 0.45	33.61 31.29 28.97
6 H	Wireless Solutions HG-158 3 Years	For 1-5/8" corrugated and Air Cell cables. Single eye.	25.00 1.5 0.68	24.75 24.38 24.00
0 H	Wireless Solutions HG-158CR 3 Years	For 1-5/8" Cell Reach cables. Single eye.	30.20 1.24 0.56	29.90 29.45 29.00
2 H	RFS Cablewave 916534-158 1 Year	For 1-5/8" cable	48.00 1.34 0.61	34.08 31.68 29.28
3 H	Wireless Solutions HG-214 3 Years	For 2-1/4" corrugated cables. Single eye.	31.20 1.3 0.59	30.89 30.42 29.96
6 H	RFS Cablewave 916534-214 1 Year	For 2-1/4" cable	60.00 0.54 0.25	42.60 39.60 36.60
7 H	Andrew Corporation 31535 10 Years	For 2-1/4" cable	61.80 1 0.45	44.81 41.72 38.63

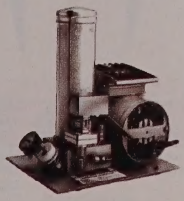
-Up Hoisting Grips for Waveguide

Lace-Up Hoisting Grips provide a reliable means for hoisting elliptical waveguide into position. Can be utilized to provide additional support once in place. The lace-up design allows for the grip to be attached even after the run has been terminated. Includes a self-locking clip and sealing tape to provide nal support during and after installation. Recommend interval is one grip per 200'.

h, m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
2 H	Andrew Corporation 24312A 10 Years	For EW52	49.45 1 0.45	35.85 33.38 30.90
H	Wireless Solutions HG-52 3 Years	For EW52 & WE61	28.60 0.3 0.14	28.32 27.89 27.46
6 H	RFS Cablewave 916533-061 1 Year	For WEP61	49.45 0.3 0.14	35.11 32.64 30.17
H	Wireless Solutions HG-64 3 Years	For EW63, EW64, WE65, & WE70	23.40 0.6 0.27	23.17 22.82 22.47
H	Wireless Solutions HG-85 3 Years	For EW85, WE90 & WE108	22.40 0.3 0.14	22.18 21.84 21.51

Dehydrators [415-10]

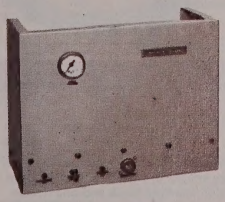
SPD Dehydrator (Low Volume)



The SPD dehydrator consist of a 1/10th hp. shaded motor compressor, 0-15 psig pressure gauge, a pressure switch, low pressure alarm, high pressure safety relief valve and clear plastic canister with two pounds of desiccant. Output capacity rating is 1.0 scfm. Output pressure is factory set to a 3-8 psig on/off (20.7-55.1 kPa) with a differential setting of 5 psig. Output pressure and differential may be readjusted in the field to desired settings between 1 and 10 psig. Due to the limited service time of the desiccant, the SPD-10 is not recommended for purging. If used for purging , it may be necessary to run the desiccant through several regeneration cycles

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
50875 1 EACH	RFS Cablewave 933629 1 Year	115VAC, 250W power consumption, Ambient Temp 33-120 Deg.F, SPST 24 volt low pressure alarm contacts, 15ft 3/8" tubing. Dimensions: 13" x 9" x 11".	955.00 28 12.73	811.75 764.00 711.48

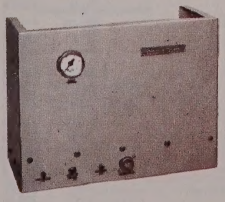
APD Dehydrator (Medium Volume)



The APD-20 Automatic Pressurization Dehydrator is designed for reliable pressurization of elliptical waveguide, coaxial cable and rigid transmission lines. The unit is rated at 0.2 SCFM (.09 liter/sec) and -40 deg.F dry dew point output at a 95 Deg.F 95% relative humidity input. Output pressure is factory adjusted to 3 psig "on" and 5 psig "off" but may be readjusted in the field to operate anywhere between 2 and 15 psig. A check valve prevents loss of pressure back through the dehydrator and a standard low pressure switch, set at 1 psig, activates SPST contacts for remote monitoring. May be shelf mounted or placed in a 19" EIA rack.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
70592 1 EACH	RFS Cablewave 920635 1 Year	115VAC, Includes 0-15 psig pressure gauge, indicating power fuse, and visual moisture alarm monitor.	1,735.00 46.8 21.27	1,474.75 1,388.00 1,292.58

APD Dehydrators (Large Volume)



The APD-70 Automatic Pressurization Dehydrator is rated at 0.7 SCFM and is designed for operation in larger systems with up to 1700ft of 6 1/8" diameter transmission line. The APD-70 generally is similar in design and features to the APD-20 series, except that the APD-70 has the larger capacity and includes a protective metal rear cover as standard equipment. From normal room temperatures, the unit delivers typical dry air dew points of -60 Deg.F. The pressure output control is factory set at 3psig "on"and 5 psig "off". A check valve prevents loss of pressure back through the dehydrator. A standard low pressure alarm switch, 1 psig, is included for remote monitoring.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
82709 1 EACH	RFS Cablewave 940019 1 Year	115VAC, Includes 20ft of 3/8" tubing. Dimensions: 14: x 17 11/16" x 8".	2,430.00 54 24.54	2,065.50 1,944.00 1,810.35

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Andrew Automatic Dehydrator

The PMT200 series Dehydrator offers operational reliability, a technologically superior drying mechanism, easy installation and a warranty that's the best in the bussiness.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
410161 1 EACH	Andrew Corporation MT050-81315 3 Year	115VAC, Includes full alarm package consisting of low pressure, high humidity, power fail and excess run time alarms.	2,949.00 50 22.72	2,949.00 2,890.02 2,801.55
418175 1 EACH	Andrew Corporation MT050-81015 1 Year	115VAC, Includes 0-15 psig pressure gauge, indicating power fuse, and visual moisture alarm monitor.	2,399.00 50 22.72	2,399.00 2,351.02 2,279.05
444104 1 EACH	Andrew Corporation PMT200-82315 3 Years	115VAC, Includes 0-15 psig pressure gauge, indicating power fuse, and visual moisture alarm monitor. Similar to sku # 479111 however, also contains low pressure, high humidity alarm, power failure alarm, & excess run time alarm.	2,749.00 50 22.72	2,749.00 2,694.02 2,611.55
479111 1 EACH	Andrew Corporation PMT200-82015 3 Years	115VAC, Includes 0-15 psig pressure gauge, indicating power fuse, and visual moisture alarm monitor.	2,199.00 50 22.72	2,199.00 2,155.02 2,089.05

Dehydrator Manifolds [415-25]

Gas Distribution Manifold Kits

Used for pressure distribution to several transmission lines. Allows easy maintenance checks of individual lines. Includes 1/8" FPT input, distribution manifold block and one needle release valve. 0-15 psig pressure gauge, and 15ft 3/8" plastic tubing for each outlet.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
50417 1 EACH	RFS Cablewave 920202 1 Year	Two outlets.	205.00 4.2 1.91	174.25 164.00 152.73
83996 1 EACH	RFS Cablewave 920203 1 Year	Three outlets.	225.00 4.8 2.18	191.25 180.00 167.63
21483 1 EACH	RFS Cablewave 920204 1 Year	Four outlets.	270.00 6.2 2.82	229.50 216.00 201.15
56583 1 EACH	RFS Cablewave 920206 1 Year	Six outlets.	370.00 8.6 3.91	314.50 296.00 275.65
39454 1 EACH	RFS Cablewave 920208 1 Year	Eight outlets.	415.00 11 5	352.75 332.00 309.18

Andrew Gas Distribution Manifolds

Andrew MN6600 series Manifolds are gas distribution systems that provide unlimited pressure outlets from a single pressure outlet. Each Manifold section is equipped with a 1/4 turn ball valve and pressure gauge. In order to receive a 4 or 6 port you would need to order (2) for a 4 outlet and (3) for a 6 outlet.

- Individual manifold sections are supplied fully assembled.
- (2) Types MN6600 has a 0-15 lb/in pressure gauges and the MN6600-L is for the lower side of 0 to 2 lb/in pressure gauges.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 438327 1 EACH	Andrew Corporation MN6600 3 Year	Two outlets. 0 to 15 lb/in pressure gauges.	170.00 3.95 1.8	170.00 166.60 161.50
NEW 450300 1 EACH	Andrew Corporation MN6600-L 3 Year	Two outlets. 0 to 2 lb/in pressure gauges.	252.00 7 3.18	252.00 246.96 239.40

Dehydrator Accessories [415-35]

Hand Pump

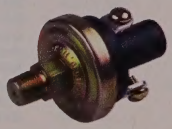
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
86304 1 EACH	RFS Cablewave 920168 1 Year	Hand pump equipped with blue indicating silica gel, desiccant conditioner indicator and 7ft hose.	600.00 6 2.73

Cablewave Floor Stand

Constructed of heavy gauge steel, the four legged stan two adjustable shelves to support a dehydrator and re tank.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
27355 1 EACH	RFS Cablewave 914710 1 Year	Top size is 18" x 24". Height is 30" adjustable to 36", gray finish.	260.00 30.5 13.86

Low Pressure Alarm



Installed on GDM gas distribution manifolds. Pressure mounts to 1/8" FPT. Sensor factor set for 1 psig. May b cial ordered for any value between 1-7 psig.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
29350 1 EACH	RFS Cablewave 920467 1 Year	Provides SPST contact rated at 4 amps 24VDC.	120.00 1 0.45
NEW 455399 1 EACH	RFS Cablewave 915970 1 Year	Provides SPST contact rated at 4 amps 24VDC. Allows for either N.O. or N.C. Contacts.	120.00 1 0.45

Pressure Gauge

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
95047 1 EACH	RFS Cablewave 511675 1 Year	0-15 psig scale. 1/8" MPT, indoor use only.	16.80 0.7 0.32

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itrogen Tank Regulator Kit

Used with locally obtained nitrogen tank. Includes a reliable single stage regulator, high pressure gauge (0-4000 psig), low pressure gauge (0-30 psig) and 10ft 3/8" plastic tubing with 1/8" MPT fitting.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
090 ACH	RFS Cablewave 920188 1 Year	Regulator fits CGA580 (0.965" right hand internal) nitrogen tank connection, which is standard for most US sources.	309.75 4 1.82	263.29 247.80 230.77

placement Filters for MT/XT300 SERIES

Andrew Replacement Filters for MT/XT300 series Dehydrators. Package of 6.

t No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 126 ACH	Andrew Corporation AE01K-B0518-001 1 Year	Andrew Replacement Filters for MT/XT300 series Dehydrators.	23.00 2 0.91	23.00 22.54 21.85

drew Static Desiccator

Andrew Self-contained disposable Static Desiccator. Can be used indoor and outdoor operation, will be used with the DDH010 Disposable Dehydrator. Typical life is 1 year.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 377 ACH	Andrew Corporation SD-003 1 Year	Self-contained disposable device for the DDH010 Disposable Dehydrator. Typical life is 1 year.	65.00 0.4 0.18	65.00 63.70 61.75

lor Indicating Silica Gel

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
195 CH	Andrew Corporation 210 1 Year	Two pound refill of anhydrous calcium sulphate impregnated with cobolt chloride (desiccant) for the SPD-10 dehydrator.	30.00 2 0.91	30.00 29.40 28.50
63 CH	RFS Cablewave 913488 1 Year	Two pound refill of anhydrous calcium sulphate impregnated with cobolt chloride (desiccant) for the SPD-10 dehydrator.	42.00 2 0.91	35.70 33.60 31.29

Dryline Wall shelf

Dryline Wall Shelfs for various Andrew Dehydrators.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **447197** 1 EACH	Andrew Corporation AE01D-D1661-100 3 Years	Wall Shelf for MT300, XT300 and 40525A Series Dehydrators.	122.00 30.5 13.86	122.00 119.56 115.90
458172 1 EACH	Andrew Corporation AE01D-D1658-100 3 Years	Wall Shelf for MT050 Series Dehydrators.	165.00 30.5 13.86	165.00 161.70 156.75

Polyethlene Tubing

Andrew Polyethlene Tubing, UV resistant for Indoor/outdoor applications. Aavilable in 1/4" and 3/8" also 1/2". Sold per ft. Minimum 20ft.

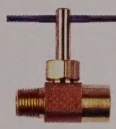
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **487141** 1 EACH	Andrew Corporation 25435-5 3 Year	Poly 3/8" Tubing Sold per foot.	0.75 0.11 0.05	0.73 0.72 0.70

Dehydrator Fittings [415-40]

If you are buying these, you might need:

Wrenches . . . . . page 1581

Needle Release Valve



Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
12016 1 EACH	RFS Cablewave 913341 1 Year	Needle Release Valve. 1/8" MPT one end, 1/8" FPT other end.	10.20 0.2 0.09	8.67 8.16 7.60

Male Elbow

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
86701 1 EACH	RFS Cablewave 913565 1 Year	Male Elbow Connector. 1/4" plastic tubing fits to 1/4" MPT.	3.85 0.3 0.14	3.28 3.08 2.87
88802 1 EACH	RFS Cablewave 913347 1 Year	Male Elbow Connector. 3/8" plastic tubing fits to 1/8" MPT.	3.85 1 0.45	3.28 3.08 2.87

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Male Connector

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
50409 1 EACH	RFS Cablewave 913344 1 Year	Male Connector. 3/8" plastic tubing to 1/8" MPT.	3.65 0.2 0.09	3.11 2.92 2.72

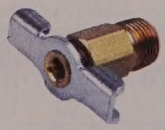
Pipe Nipple Connector

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
16136 1 EACH	RFS Cablewave 913438 1 Year	Pipe Nipple. 1/8" MPT each end 1 1/2" long.	3.25 0.2 0.09	2.77 2.60 2.43
99518 1 EACH	RFS Cablewave 920126 1 Year	Pipe Nipple. 1/8" MPT each end 1" long.	3.25 0.3 0.14	2.77 2.60 2.43

Pipe Tee

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
63623 1 EACH	RFS Cablewave 910072 1 Year	Pipe Tee. 1/8" FPT each end.	3.60 1 0.45	3.06 2.88 2.69

Release Valve



Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
25230 1 EACH	RFS Cablewave 910069 1 Year	Bleeder Release Valve. Length: 1 1/8", 1/8" MPT.	4.10 0.6 0.27	3.49 3.28 3.06
498155 1 EACH	Andrew Corporation 25436-50-10 1 Year	Compression sleeve for 3/8" poly tube bag of 10.	4.00 0.6 0.27	3.68 3.60 3.52

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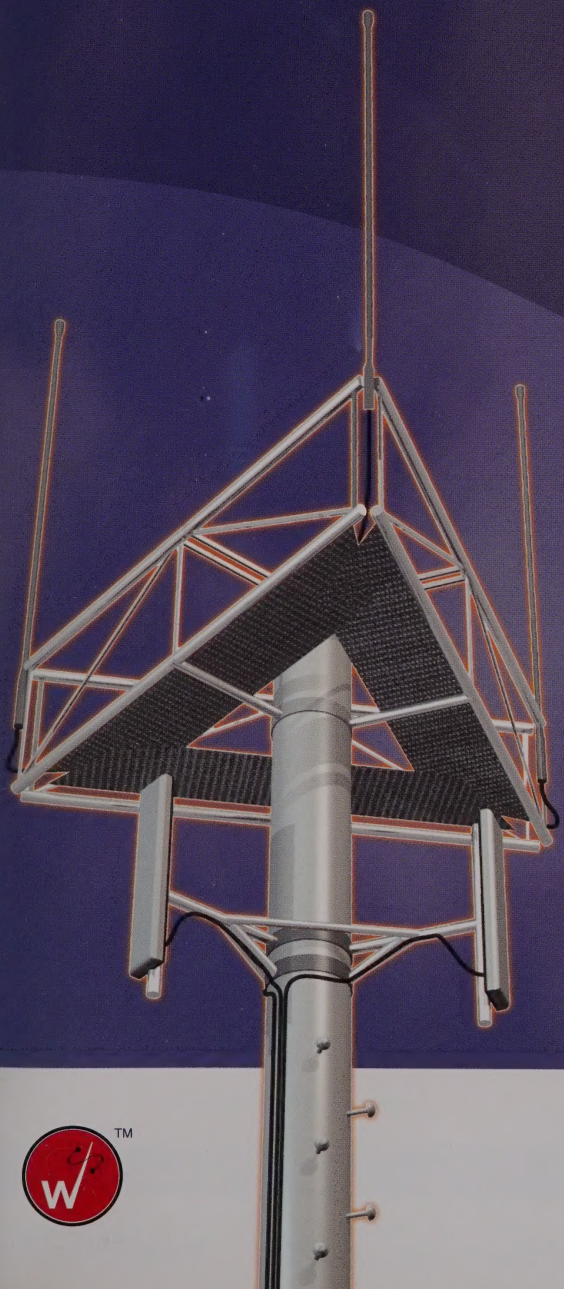

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Enclosures, Indoor / Outdoor 543

Equipment Racks 537
- Accessories, Rack 541
- Racks 537

Ground Connections, Exothermic 577
- Ground Wire to Flat Plate or Bus Bar 582
- Ground Wire to Ground Rod 577
- Ground Wire to Ground Rod, Mini Mold 579
- Ground Wire to Ground Rod, One Shots 579
- Ground Wire to Ground Wire 581
- Ground Wire to Pipe 584
- Handles & Accessories 588
- T-Connections 585
- X-Connections 586
- Weld Metal 587

Grounding Systems 560
- Ground Bars 560
- Ground Rods 575
- Ground Rods, Chemical 576
- Ground Strap 575
- Ground Wire 574
- Lightning Conductors & Air Terminals 576
- Lugs, Clamps & Accessories 566

Lightning Protectors & Air Terminals 546
- Amplifier Protection, Towertop 550
- Auxiliary Equipment & Accessories 558
- Coax Protection, Combiner 549
- Coax Protection, Filtered & Grounded 550
- Coax Protection, General Coverage 546
- Coax Protection, NEMP 549
- Coax Protection, Replacement Gas Capsule 548
- Microwave Protection 551
- Phone, Data, Twisted Pair Protection 555
- Power Protection, AC 554
- Power Protection, AC, Rack-Mount 554
- Power Protection, DC 555
- Satellite Protection 553
- Strike Counters 558
- Surge Suppressors, AC, Panel 553

Mounts, Base Antenna 466
- Brackets, Downtilt 475
- Frames, Tower 466
- Masts, Pipe & Antenna 496
- Mounts & Clamp Sets 486
- Mounts, Pole 468
- Mounts, Rooftop 480
- Mounts, Wall 476
- Mounts, Water Tower 485
- Mount Kits & Adapters, Pipe 493
- Mount Kits, Side 472

Power Supplies, Rack Mounted 591
- Power Distribution Panels 595
- Power Supplies with Battery Backup 594
- Power Supplies with Meters 593
- Power Supplies without Meters 591
- Voltage Converters, Isolated, DC 596

Power Supplies, Tabletop 596
- Industrial/OEM 606
- Power Supplies, Tabletop 596
- Power Supplies, Tabletop, with Meters 605
- Power Supplies, Tabletop, with Speakers 603
- Power Supplies w/Cigarette Lighter Rec. 604
- Variable Voltage and Amperage 605

Shelter Cable Support Systems 530
- Runway, Cable 530
- Support Rails, Cable 533

Site Battery Backup Systems 607
- AC Battery Backup Systems, Rack Mounted 608
- Battery Chargers for Backup Batteries 609
- DC Battery Backup Systems 607
- Emergency Backup Relays 609
- Hybrid AC/DC Battery Backup Systems 609
- Low-Voltage Disconnects 609

Site Hardware 498
- Adapters, Angle Tower 526
- Adapters, Round Tower & Steel Strap 526
- Boots & Cushions, Waveguide 516
- Cable Tray & Sleeper System 504
- Channel, Waveguide, & Accessories 498
- Feed Thrus, Wall/Roof 510
- Hanger Block Systems, Cable 524
- Ladders, Vertical Cable / Waveguide 508
- Supports, Vertical Cable / Waveguide 520

Solar Power Products 613
- Batteries for Communication Sites 618
- Battery Chargers 618
- Charge Controllers, Solar 616
- Complete Solar Backup Systems 613
- Inverters 617
- Modules, Solar 614
- Module Mounts, Solar 615

Towers 623
- Accessories, Tower 633
- Grounding Products, Tower 636
- Guy Wire & Materials 634
- Lighting Products, Tower 636
- Tools and Paint, Tower 636
- Towers, 55G & 65G 627
- Towers, General Purpose 623
- Towers, Guyed, Complete Kits 629
- Towers, Heavy-Duty Sections 626
- Towers, Self-Supporting 627

Tower Frames [341-53]

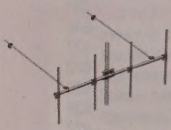
Universal Sector Frames

456323

Universal sector frames are made to accommodate a variety of tower legs. From 2" - 8" OD round tower legs to 2" - 8" 60 degree and 90 degree angled legs. Offset pipe mount gives 24" of clearance from the mounting surface. Includes one stiff arm for attachment to either side of the frame. Order Pipe Mounting Kits used for mounting to 2-3/8" pipes..

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 456323 1 EACH	Wireless Solutions SF-U12-B 3 Years	12 feet wide. Order pipe mounting kits separately.	740.00 405 184.07	725.20 717.80 710.40
NEW 466311 1 EACH	Wireless Solutions SF-U12-4-96 3 Years	12'6" feet wide. Includes Kit of 2-3/8" OD x 96" pipe mounts.	1,124.00 555 252.25	1,101.52 1,090.28 1,079.04
NEW 471301 1 EACH	Wireless Solutions SF-U12-4-72 3 Years	12 feet wide. Includes Kit of Four 2-3/8" OD x 72" pipe mounts.	1,106.00 525 238.61	1,083.88 1,072.82 1,061.76
NEW 474134 1 EACH	Wireless Solutions SF-U12-3-72 3 Years	12 feet wide. Includes Kit of three 2-3/8" OD x 72" pipe mounts.	1,014.50 495 224.98	994.21 984.07 973.92
NEW 479158 1 EACH	Wireless Solutions SF-U12-3-96 3 Years	12'6" feet wide. Includes Kit of 2-3/8" OD x 96" pipe mounts.	1,028.00 517.5 235.2	1,007.44 997.16 986.88
NEW 486123 1 EACH	Wireless Solutions SF-U14-B 3 Years	14 feet wide. Order pipe mounting kits separately.	775.00 420 190.89	759.50 751.75 744.00

Cellular Pipe Frame



45030

Cellular Pipe Frames mount directly to 4-1/2" OD round tower legs or to other 4-1/2" OD support memebers. Pipe Frames can also be mounted to wood or monopole installations using Wireless Solutions Chain Mount Kit or Ring Mount System. Each Frame is manufactured from a high strength 3-1/2" OD support pipe which is hot dipped galvanized. Includes all assembly and attachment hardware, 2 stabilizer arms and brackets for mounting to 4-1/2" OD round members. Antennas are secured to frames by Pipe Mount Kits which attach directly to the horizontal support pipe. Order Pipe Mounting Kits used for mounting to 3-1/2" pipes seperately..

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
45030 1 EACH	Wireless Solutions MT-216 3 Years	Cellular Antenna Mounting Frame 12'-6" wide.	325.00 170 77.26	318.50 315.25 312.00
NEW 451273 1 EACH	Wireless Solutions MT-216-NS 3 Years	Cellular Antenna Mounting Frame 12'-6" wide.	161.50 125 56.81	158.27 156.66 155.04
NEW 432145 1 EACH	Wireless Solutions MT-216-14 3 Years	Cellular Antenna Mounting Frame 14' wide.	340.00 182 82.72	333.20 329.80 326.40
NEW 415122 1 EACH	Wireless Solutions MT-219-H 3 Years	Pipe Mount Hardware Kit (Pipe not included)	50.00 10 4.54	49.00 48.50 48.00

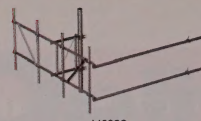
Tower Pipe Frames

494392

Tower Pipe Frames are a versatile mounting system providing dependable support for sector antennas. Three 2-3/8" OD mounting pipes are included (either 72" or 114") to accommodate most common antenna sizes. Tower Pipe Frames feature universal clamps which directly mount to 2-1/2" to 9" OD round members. These frames can be used in conjunction with with standard 4-1/2" pipe mounts and saddle mounts when attaching to angle or tapered legs. A 2-3/8" OD stabilizer arm provides additional stability. Hot dipped galvanized construction.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 494392 1 EACH	Wireless Solutions SF-TP10-72 3 Years	10'-6" with three 2-3/8" OD x 72" mounting pipes	416.00 326 148.17	407.68 403.52 399.36
NEW 414356 1 EACH	Wireless Solutions SF-TP13-72 3 Years	12'-6" with three 2-3/8" OD x 72" mounting pipes.	445.00 411 186.8	436.10 431.65 427.20

Vertical /Tapered Boom Gates



440328

The Boom Gate consists of a heavy-duty antenna mounti frame, bolted to a 3' welded stand-off bracket. This design allows the frame to pivot at the end of the bracket. The B Gate is available in a 10 foot wide (3 antenna) or 13 foot (4 antenna) version and comes complete with all require 8" OD antenna mounting pipes. Assemblies for use on str or tapered tower legs are available and require separately chased clamp sets. When attaching to tapered legs with 1: less taper, use a standard Boom Gate with clamps for tape members. For tapers greater than 1:20, use a Tapered Bo Gate and a tapered clamp set. Two 2 3/8"OD stabilizer ar are included for additional stability and all parts are hot d galvanized for corrosion resistance.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
NEW 440328 1 EACH	Wireless Solutions BG-10-70 3 Years	Boom Gate for vertical tower members, 10' w/three 2 3/8" OD x 72" antenna mounting pipes.	815.00 434 197.25	7 7 7
NEW 456338 1 EACH	Wireless Solutions BG-10-96 3 Years	Boom Gate for vertical tower members, 10' w/three 2 3/8" OD x 114" antenna mounting pipes.	840.00 470 213.62	8 8 8
NEW 424308 1 EACH	Wireless Solutions BG-13-70 3 Years	Boom Gate for vertical tower members, 10' w/ four 2 3/8" OD x 72" antenna mounting pipes.	945.00 492 223.61	9 9 9
NEW 464307 1 EACH	Wireless Solutions BG-13-96 3 Years	Boom Gate for vertical tower members, 10' w/ four 2 3/8" OD x 114" antenna mounting pipes.	985.00 540 245.43	9 9 9
NEW 425303 1 EACH	Wireless Solutions BG-10-70SSH 3 Years	Boom Gate for tapered tower members, 10' w/three 2 3/8" OD x 72" antenna mounting pipes.	850.00 453 205.89	8 8 8
NEW 448307 1 EACH	Wireless Solutions BG-10-96SSH 3 Years	Boom Gate for tapered tower members, 10' w/three 2 3/8" OD x 114" antenna mounting pipes.	880.00 489 222.25	8 8 8
NEW 492307 1 EACH	Wireless Solutions BG-13-70SSH 3 Years	Boom Gate for tapered tower members, 13' w/four 2 3/8" OD x 72" antenna mounting pipes.	1,000.00 507 230.43	9 9 9
NEW 458360 1 EACH	Wireless Solutions BG-13-96SSH 3 Years	Boom Gate for tapered tower members, 13' w/four 2 3/8" OD x 114" antenna mounting pipes.	1,040.00 555 252.25	1,0 1,0 9

Boom Gate Clamp Sets

38499

These clamp sets allow Boom Gates to be mounted to tower legs or other port members. Versions are available for either vertical or tapered members for angled members. Tapered clamp sets are used with standard Boom Gate less than 1:20 taper. For tapers greater than 1:20, tapered clamp sets should used with Tapered Boom Gates. All components are manufactured from hot dipped galvanized steel to ensure long service. All assembly hardware for at ment to the Boom Gate and to the tower leg is included.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
38499 4 PACK	Wireless Solutions AD-P03 3 Years	Boom gate clamp set for 1 1/2" - 3 1/2" OD round members. Kit of 4.	120.00 48 21.82	1 1 1
12110 4 PACK	Wireless Solutions AD-P05 3 Years	Boom gate clamp set for 2 3/8" - 5" OD round members. Kit of 4.	135.00 36 16.36	1 1 1
12118 4 PACK	Wireless Solutions AD-P09 3 Years	Boom gate clamp set for 2 3/8" - 5" OD round members. Kit of 4.	145.00 68 30.91	1 1 1
51853 4 PACK	Wireless Solutions AD-P09T 3 Years	Boom gate clamp set for 2 3/8" - 5" OD tapered members. Kit of 4.	170.00 69 31.36	1 1 1
12147 4 PACK	Wireless Solutions AD-P16 3 Years	Boom gate clamp set for 9" - 16" OD ROUND and TAPERED members. Kit of 4.	440.00 75 34.09	4 4 4
12173 4 PACK	Wireless Solutions AD-P03T 3 Years	Boom gate clamp set for 1 1/2" - 3 1/2" OD tapered members. Kit of 4.	140.00 36 16.36	1 1 1
12198 4 PACK	Wireless Solutions AD-P05T 3 Years	Boom gate clamp set for 2 3/8" to 5" OD tapered members. Kit of 4.	155.00 55 25	1 1 1
38508 4 PACK	Wireless Solutions AD-P90 3 Years	Boom gate clamp set for 2 1/2" - 6" 90 degree angled tower legs. Kit of 4.	205.00 48 21.82	2 1 1
13682 4 PACK	Wireless Solutions AD-P90L 3 Years	Boom gate clamp set for 5 1/2" - 9 1/2" 90 degree angled tower legs. Kit of 4.	230.00 68 30.91	2 2 2
13687 4 PACK	Wireless Solutions AD-P60 3 Years	Boom gate clamp set for 2 1/2" - 6" 90 degree angled tower legs. Kit of 4.	205.00 52 23.63	2 1 1

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nuing product table (2 of 2)

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
744 ACK	Wireless Solutions AD-P60L 3 Years	Boom gate clamp set for 4 1/2" - 12" 60 degree angled tower legs. Kit of 4.	230.00 68 30.91	225.40 223.10 220.80

wer-Mounted Frame

87170

Wireless antenna tower mounted frames are available for mounting panel antennas adjacent to a towers vertical leg or pipe mount. Frames mount to a 2-7/8" or 4-1/2" pipe and supports 2-4 panel antennas across a 10-13 ft face. Frames come with 66" long mounting pipes. Frames are designed for 100 mph wind and 1/2" radial ice per EIA-RS-222-C. The frame supports panel antennas with up to 8 sq ft of flat plate equivalent area.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
170 ACH	Microflect/Valmont 99287 1 Year	10 FT face to support 2 antennas. Mounts to 2-3/8" to 2-7/8" pipe. 66" antenna pipes.	290.00 157 71.36	285.65 284.20 282.75
799 ACH	Microflect/Valmont 99288 1 Year	10 FT face to support 2 antennas. Mounts to 2-3/8" to 2-7/8" pipe. 102" antenna pipes.	315.00 182 82.72	310.28 308.70 307.13
036 ACH	Microflect/Valmont 99292 2 Years	10 FT face to support 3 antennas. Mounts to 2-3/8", 2-7/8" or 4.5 OD pipe. 66" antenna pipes.	435.00 275 124.99	428.48 426.30 424.13
883 ACH	Microflect/Valmont 99293 2 Years	10 FT face to support 3 antennas. Mounts to 4-1/2" tower leg. 102" antenna mounts.	472.00 305 138.62	464.92 462.56 460.20
387 ACH	Microflect/Valmont 99285 1 Year	13 FT face to support 4 antennas. Mounts to 4-1/2" pipe. 66" antenna pipes.	590.00 340 154.53	581.15 578.20 575.25
377 ACH	Microflect/Valmont 99286 1 Year	13 FT face to support 4 antennas. Mounts to 4-1/2"pipe. 102" antenna pipes.	640.00 395 179.53	630.40 627.20 624.00

wer Stand-off Pipe Frames

470116

Tower Stand-off Pipe Frames provide reliable support for an entire sector of antennas while standing the array approximately 54" away from the support structure. Ideal for co-location applications on guyed and self supporting towers. U-bolt hardware to mount the Frames at the apex to a standard 4-1/2" OD round member or 4-1/2" OD pipe mount is included. Necessary hardware to mount the Frames to other member types or sizes must be purchased separately in order to ensure the mount is completely vertical and is able to be rotated horizontally for proper orientation. One 3-1/2" OD x 18' stiff arm is included. Hot dipped galvanized.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 116 CH	Wireless Solutions SF-SP14-3-72 3 Years	14' Tower Stand-off Pipe Frame Pipe. Three 2-3/8" OD x 72" pipe mounts included.	1,187.50 586.1 266.38	1,163.75 1,151.88 1,140.00
W 113 CH	Wireless Solutions SF-SP12-3-72 3 Years	12' Tower Stand-off Pipe Frame Pipe. Three 2-3/8" OD x 72" pipe mounts included.	1,147.50 576.4 261.97	1,124.55 1,113.08 1,101.60
W 141 CH	Wireless Solutions SF-SP12-4-96 3 Years	12' Tower Stand-off Pipe Frame Pipe. Four 2-3/8" OD x 96" pipe mounts included.	1,260.00 647.4 294.24	1,234.80 1,222.20 1,209.60

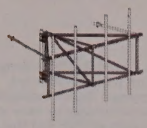
wer Stand-Off Frame

93048

Tower Stand-Off Frame. Features a 12' face for optimal antenna spacing and capacity plus stands antennas approximately 5' off the tower. Standard 4.5" pipe is integrated in the frame. Pipe leg clamp kits for mounting to the tower are not included. For antenna mounting (1) pipe attachment kit (Sku 93048) and 2-3/8" plain end pipe must be purchased separately minimizing cost and increasing flexibility in antenna placement.

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
48 CK	Wireless Solutions MT-186 3 Years	Antenna Pipe Attachment Kit for 2-3/8" plain end pipe. Kit of (2).	90.00 20 9.09	88.20 87.30 86.40

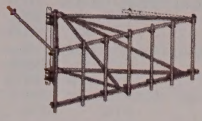
Tower-Mounted Standoff Frame



The standard-duty Tower-mounted Standoff Frames support 4 panel antennas and mounts to vertical pipe legs or pipe mounts. The frame face is 13' wide and stands off the tower about 5'. Separately ordered 2-3/8" OD antenna mounting pipes are mounted to face. There are 15 mounting locations across the face to accommodate antenna separation. 13' long azimuth stablelizing rod is included. Basic wind loading 80 MPH 1/2" ice per EIA-RS-222-E.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 453313 1 EACH	Microflect/Valmont B3132 2 Years	Tower-Mounted Frame with 12'9" face for 1-3/4" to 4-1/2" tower leg.	730.00 440 199.98	719.05 715.40 711.75

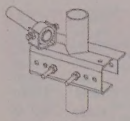
Heavy-Duty Tower Standoff-Frame



The Heavy-Duty Tower-Mounted Standoff Frames support seven wireless antennas and mount to vertical pipe legs or pipe mounts. The frame face is 13' wide and stands off from the tower about 5'. The included antenna mounting pipes are 1-3/4" OD x 50-3/4" long, and are spaced at 26" intervals. A 13'-4" azimuth stablizing rod is included. Design loading is for 112 mph and no radial ice per EIA-RS-222-E.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 475358 1 EACH	Microflect/Valmont B3133 2 Years	Heavy Duty Tower Mounted Frame with 13' face.	886.00 460 209.07	872.71 868.28 863.85

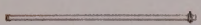
Universal Azimuth Rod



426027

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
426027 1 EACH	Microflect/Valmont B2972 2 Years	Universal Azimuth Rod Support Bracket fits 2" to 6 5/8" OD and 2" to 6" Angle Members. Hot dipped galvanized.	75.00 25 11.36	73.88 73.50 73.13

Standoff Frame Stabilizing Rod



68804

A Stabilizing Rod, included with the Standoff Wireless Frames and most of the Wireless Frames, is also available as a second Rod when the application necessitates additional frame stabilization.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
68804 1 EACH	Microflect/Valmont B1825 2 Years	13'4" long Standoff Frame stabilizing rod. 2 3/8" rod diameter.	115.00 55 25	113.28 112.70 112.13
38468 1 EACH	Microflect/Valmont B1706 2 Years	13' long Standoff Frame stabalizing rod. 1.90" rod diameter.	100.00 48 21.82	98.50 98.00 97.50

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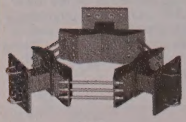
Mounts, Pole [341-45]

Universal Ring Mount Brackets

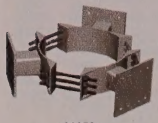


462157

The Universal Ring Mount system is a next generation design for co-locating at virtually any size and any pole. Two sizes are offered to accommodate round or polygon shaped monopoles from 10" to 60" in diameter. U-bolts are included to allow antennas to be directly mounted to the system via Plain End Pipe, facilitating a low profile installation. Order antenna pipe support arms and pipes separately. Hot dipped galvanized.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 462157 1 EACH	Wireless Solutions MC-RM1030-3 3 Years	For use with 10" - 30" diameter monopoles. 3 sectors.	760.00 185 84.08	744.80 737.20 729.60
NEW 420392 1 EACH	Wireless Solutions MC-RM1030-4 3 Years	For use with 10" - 30" diameter monopoles. 4 sectors.	1,013.00 200 90.9	992.74 982.61 972.48
NEW 415168 1 EACH	Wireless Solutions MC-RM3060-3 3 Years	For use with 30" - 60" diameter monopoles. 3 sectors.	1,020.00 276 125.44	999.60 989.40 979.20

Ring Mount Brackets

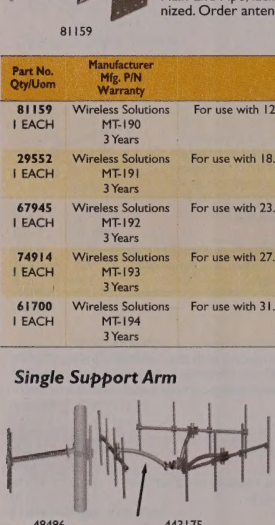


81159

The Ring Mount System is a complete 3 bracket monopole mounting solution with the versatility to accommodate virtually any sector antenna configuration. Accommodates round and polygon shaped monopoles from 12-3/4" to 31-3/8" in diameter. U-bolts are provided to allow antennas to be directly mounted to the Ring Mount System via Plain End Pipe, facilitating a low profile installation. Hot dipped galvanized. Order antenna pipe support arms and pipes separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
81159 1 EACH	Wireless Solutions MT-190 3 Years	For use with 12.75" - 18.25" diameter monopoles.	640.00 128 58.18	627.20 620.80 614.40
29552 1 EACH	Wireless Solutions MT-191 3 Years	For use with 18.25" - 23.125" diameter monopoles.	665.00 147 66.81	651.70 645.05 638.40
67945 1 EACH	Wireless Solutions MT-192 3 Years	For use with 23.125" - 27.75" diameter monopoles.	690.00 165 74.99	676.20 669.30 662.40
74914 1 EACH	Wireless Solutions MT-193 3 Years	For use with 27.75" - 31.375" diameter monopoles.	715.00 189 85.9	700.70 693.55 686.40
61700 1 EACH	Wireless Solutions MT-194 3 Years	For use with 31.375" - 32.75" diameter monopoles.	740.00 220 99.99	725.20 717.80 710.40

Single Support Arm



48486 443175

The Single Pipe Support Arm is designed for use with the Ring Mount System and a Cellular Pipe Frame to mount up to four antennas per sector. Straight and curved arms available. For microwave antenna mounting a Pipe Mount Adapter kit allows standard 4-1/2" OD pipe mounts to be connected between 2 Ring Mounts. Hot dipped galvanized steel.

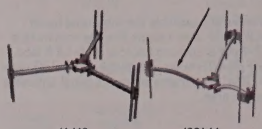
Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
48486 1 EACH	Wireless Solutions MT-197 3 Years	36" long, with 4.5" OD x 18" pipe. Order cellular pipe frame separately.	180.00 75 34.09	176.40 174.60 172.80
NEW 427378 1 EACH	Wireless Solutions MC-SA40-B 3 Years	Stand-off arm, 40" long. Order 2 3/8"OD antenna mounting pipe separately. Includes U-bolts.	185.00 80 36.36	181.30 179.45 177.60
NEW 411127 1 EACH	Wireless Solutions MT-197-48 3 Years	Curved arm. 48" long, with 4.5" OD x 18" pipe. Order cellular pipe frame separately.	195.00 72 32.72	191.10 189.15 187.20
NEW 443175 1 EACH	Wireless Solutions MT-197-C 3 Years	Curved arm. 63" long, with 4.5" OD x 18" pipe. Order cellular pipe frame separately.	330.00 87 39.54	323.40 320.10 316.80
NEW 431379 1 EACH	Wireless Solutions MC-AA0406-B 3 Years	Adjustable Stanf-off Arm, 4' to 6'. Order 2-3/8' O.D. antenna pipes separately. (includes U-bolts.)	230.00 147 66.81	225.40 223.10 220.80
NEW 478271 1 EACH	Wireless Solutions WP-216 3 Years	Work Platform for Cellular Pipe Frames	260.00 210 95.44	254.80 252.20 249.60

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
NEW 479250 1 EACH	Wireless Solutions WP-197 3 Years	Work Platform for Support Arm	160.00 70 31.82	1 1 1

Double Support Arm

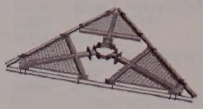


41462 438144

The Double Pipe Support Arm is designed for u with the Ring Mount System. It enables two ant to be mounted per sector, which is particularly in duplexed PCS applications. Straight and curve arms available. Hot dipped galvanized.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
41462 1 EACH	Wireless Solutions MT-198 3 Years	63" long, will support two 2 3/8" OD pipes purchased separately.	215.00 85 38.63	2 2 2
NEW 438144 1 EACH	Wireless Solutions MT-198-C 3 Years	Curved arm. 63" long, will support two 2 3/8" OD pipes purchased separately.	330.00 76 34.54	3 3 3
43215 1 PACK	Wireless Solutions MT-199 3 Years	Adapter for Pipe Mount Kit	85.00 20 9.09	8 8 8

Low-Profile Co-Location Platform



66893

The Low-Profile Platform is an instant monopole co-locat solution. The universal design uses Ring Mounts (purchase separately) for robust support and simplified attachment monopole. Low-profile for reduced visual impact. Grated ners leave an opening close to the pole for easy access ar cable routing. Antennas are mounted via separately purch Pipe Mount Kits (See Cellular Pipe Frames table for Kits) structed of hot-dipped galvanized steel.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
66893 1 EACH	Wireless Solutions MT-196 3 Years	Low Profile Co-location Platform	1,650.00 1250 568.12	1,6 1,6 1,5
NEW 481123 1 EACH	Wireless Solutions MT-196-14 3 Years	14'-6" face Low-Profile Co-Location Platform. Purchase ring mount and pipe mount kits separately, not included.	1,850.00 1350 613.58	1,8 1,7 1,7
NEW 478117 1 EACH	Wireless Solutions MT-196-14L 3 Years	14'-6" face Low-Profile Co-Location Platform, Large Version. Purchase MC-RM3060 (Sku 415168) ring mount and pipe mount kits separately, not included.	1,850.00 1305 593.12	1,8 1,7 1,7

Monopole Bracket Platform

87082

Triangular platform bolts directly to a Tri-Bracket and includes handrails, ha and a grating work surface. Platform enables installation of up to five anten a sector with a max. 12' outside separation. Order antenna mounting pipe arately.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
427037 1 EACH	Microflect/Valmont B2807 1 Year	Co-Location platform without handrails for polygon pole. 8' 7" foot face for 15 antennas. Galvanized. Fits 1' to 2 1/2' pole diameter.	2,595.00 820 372.69	2, 2, 2,
448078 1 EACH	Microflect/Valmont B2044 1 Year	Rotable mini-platform with handrails for polygon pole. 8' 7" foot face for 15 antennas. Galvanized. Fits 1' to 2 1/ 2' pole diameter.	2,800.00 1315 597.67	2, 2, 2,
87082 1 EACH	Microflect/Valmont B1833 1 Year	Co-Location platform with handrails for polygon pole. 12 foot face for 15 antennas. Galvanized. Fits 1' to 2 1/2' pole diameter.	2,850.00 1315 597.67	2, 2, 2,
35058 1 EACH	Microflect/Valmont B1894 1 Year	Co-Location platform with handrails for polygon pole. 12 foot face for 15 antennas. Galvanized. Fits 2-1/2" to 3' 8" pole diameter.	2,950.00 1314 597.21	2, 2, 2,
471053 1 EACH	Microflect/Valmont B2808 1 Year	Co-Location platform without handrails for polygon pole. 12 foot face for 15 antennas. Galvanized. Fits 1' to 2 1/2' pole diameter.	2,375.00 1250 568.12	2, 2, 2,
413093 1 EACH	Microflect/Valmont B2809 1 Year	Co-Location platform without handrails for polygon pole. 12' 10" face for 15 antennas. Galvanized. Fits 2' 1/ 2" to 3' 8"' pole diameter.	2,475.00 1230 559.04	2, 2, 2,

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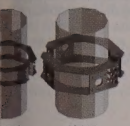
nuing product table (2 of 2)

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
408 ACH	Microflect/Valmont B1895 1 Year	Co-Location platform with handrails for polygon pole. 12' -10" foot face for 15 antennas. Galvanized. Fits 3'-8" to 4'-6" pole diameter.	3,050.00 1457 662.21	3,004.25 2,989.00 2,973.75
6079 ACH	Microflect/Valmont B2810 1 Year	Co-Location platform without handrails for polygon pole. 12' 10" face for 15 antennas. Galvanized. Fits 3' 8" to 4' 6"' pole diameter.	2,575.00 1300 590.85	2,536.38 2,523.50 2,510.63
2039 ACH	Microflect/Valmont B2689 1 Year	Co-Location platform without handrails for polygon pole. 18' face for 15 antennas. Galvanized. Fits 1' to 4' pole diameter.	3,900.00 2600 1181.7	3,841.50 3,822.00 3,802.50
5097 ACH	Microflect/Valmont B2692 1 Year	Handrail kit for B2689	295.00 380 172.71	290.58 289.10 287.63
2085 ACH	Microflect/Valmont B2767 1 Year	Handrail kit for B2767	220.00 175 79.54	216.70 215.60 214.50

lonopole Brackets



7053 60465

Tri-Bracket, Quad Bracket, Quad or Bi-Bracket, & Universal Bi-Bracket clamps fit polygonal poles of any cross section shape along with round poles. At least 18 points of contact with the pole prevents rotation. Can be installed at any azimuth on the pole for precise antenna alignment.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
280 ACH	Microflect/Valmont B2592 1 Year	Universal Tri-Bracket for use with 10" to 25" diameter round or polygonal monopoles.	690.00 190 86.36	679.65 676.20 672.75
284 ACH	Microflect/Valmont B2593 1 Year	Universal Tri-Bracket for use with 24" to 38" diameter round or polygonal monopoles.	750.00 230 104.54	738.75 735.00 731.25
288 ACH	Microflect/Valmont B2594 1 Year	Universal Tri-Bracket for use with 36" to 50" diameter round or polygonal monopoles.	1,090.00 315 143.17	1,073.65 1,068.20 1,062.75
289 ACH	Microflect/Valmont B2606 1 Year	Universal Tri-Bracket for use with 48" to 60" diameter round or polygonal monopoles.	1,190.00 480 218.16	1,172.15 1,166.20 1,160.25
'053 ACH	Microflect/Valmont B2640 1 Year	Universal Bi-Bracket for use with 12" to 18" diameter round or polygonal monopoles.	540.00 145 65.9	531.90 529.20 526.50
465 ACH	Microflect/Valmont B2723 1 Year	Universal Quad-Bracket for use with 12" to 18" diameter round or polygonal monopoles.	560.00 170 77.26	551.60 548.80 546.00
467 ACH	Microflect/Valmont B2724 1 Year	Universal Quad-Bracket for use with 18" to 24" diameter round or polygonal monopoles.	590.00 185 84.08	581.15 578.20 575.25
976 ACH	Microflect/Valmont B2725 1 Year	Quad or Bi-Bracket for use with 24" to 30" diameter round or polygonal monopoles.	660.00 225 102.26	650.10 646.80 643.50
974 ACH	Microflect/Valmont B2726 1 Year	Quad or Bi-Bracket for use with 30" to 36" diameter round or polygonal monopoles.	780.00 305 138.62	768.30 764.40 760.50
915 ACH	Microflect/Valmont B2727 1 Year	Quad or Bi-Bracket for use with 36" to 42" diameter round or polygonal monopoles.	895.00 360 163.62	881.58 877.10 872.63

ht Duty Tri-Bracket

Light duty Tri-Brackets fit 12 and 18 sided polygon poles with diameters from 12" - 60". They are used in pairs when mounting wireless panel antennas or up to an 8' dish antenna on Standoff Pipe Mounts or Antenna Pipe Mounts.

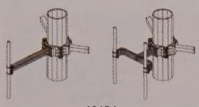
No. lom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
029 CH	Microflect/Valmont B2627 1 Year	For use with 36" to 48" diameter round or polygonal monopoles.	1,195.00 170 77.26	1,177.08 1,171.10 1,165.13

Rotable Hub & Support Collar

Rotable Hubs and Support Collars Fit 12 and 18 sided polygon poles with diameters from 9' to 4'6". A Hub matching the pole diameter is required for mounting the various wireless antenna support products and platforms.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 37064 1 EACH	Microflect/Valmont B2187 1 Year	Rotatable Hub for 9" to 14" diameter monopole.	680.00 230 104.54	669.80 666.40 663.00
NEW 37066 1 EACH	Microflect/Valmont B2188 1 Year	Support Collar for monopoles with a 9" - 14" diameter.	505.00 107 48.63	497.43 494.90 492.38
NEW 431322 1 EACH	Microflect/Valmont B2687 1 Year	Rotatable Hub for 12" to 18" diameter monopole.	730.00 220 99.99	719.05 715.40 711.75
NEW 486342 1 EACH	Microflect/Valmont B2186 1 Year	Rotatable Hub for 18" to 24" diameter monopole.	780.00 300 136.35	768.30 764.40 760.50
477085 1 EACH	Microflect/Valmont B2196 1 Year	Support Collar for Polygon Pole Structures for use with 29" - 34" Pole diameters	560.00 110 50	551.60 548.80 546.00

Monopole Bracket Standoff Mount



60654

Standoff mounts bolt directly to a Tri-Bracket and enable installation of either one or two antennas, using separately ordered antenna mounting pipes. Standoff mounts can be used alone or in combination with Sector Arm Mounts.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
99047 1 EACH	Microflect/Valmont B1827 1 Year	27" standoff mount for dual antennas. Provides from 0 - 30 degrees of downtilt. Galvanized.	225.00 94 42.72	221.63 220.50 219.38
60654 1 EACH	Microflect/Valmont B1826 1 Year	48" standoff mount for single antenna. Galvanized.	180.00 55 25	177.30 176.40 175.50

Monopole Bracket Standoff For T-Arm

63152 36724

Standoffs bolt directly to a Tri-bracket and enable installation of a T-Arm frame for mounting sector antennas. The standoffs, either straight or curved, are both 59 1/2" long, which provides for a 62" antenna spacing from monopole.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
63152 1 EACH	Microflect/Valmont B1820 1 Year	Straight standoff for T-Arm frames.	270.00 129 58.63	265.95 264.60 263.25
36724 1 EACH	Microflect/Valmont B1823 1 Year	Curved standoff for T-Arm frames.	365.00 136 61.81	359.53 357.70 355.88
NEW 495368 1 EACH	Microflect/Valmont B3045 1 Year	Straight standoff for T-Arm frames.	245.00 100 45.45	241.33 240.10 238.88

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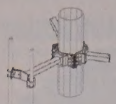
Mounts, Base Antenna

Monopole Bracket Sector Arm



35475

Sector mount arms bolt directly to a Tri-Bracket and enable installation of two antennas. The two antenna mounts, facing adjoining sectors, may be downtilted between 0 and 30 degrees. Order antenna mounting pipes separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
35475 1 EACH	Microflect/Valmont B1868 1 Year	Sector mount arm for two antennas, 6' sector separation, 0- 30 degree tilt, 39" standoff, galvanized.	215.00 81 36.81	211.78 210.70 209.63
22261 1 EACH	Microflect/Valmont B1867 1 Year	Work support for B1868 sector mount arm. The worker's weight is supported on the B1867 work support, while being tied off to the B1868 Sector Arm Mount. Work surface is made from a 7" wide grating section.	160.00 52 23.63	157.60 156.80 156.00
73868 1 EACH	Microflect/Valmont B1824 1 Year	Curved sector mount arm for two antennas, 12' sector separation, 0 - 30 degree tilt, 80" standoff. Galvanized.	365.00 133.2 60.54	359.53 357.70 355.88

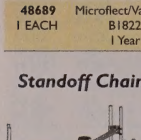
T Arms

49938

T-Arm frames bolt to the end of a standoff and enable installation of the antennas for a sector. Available with either a 10 foot (3 antennas) or 13 foot (4 antennas) face. Order antenna mounting pipes separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
49938 1 EACH	Microflect/Valmont B1821 1 Year	10' face for three antennas. Galvanized.	200.00 111 50.45	197.00 196.00 195.00
48689 1 EACH	Microflect/Valmont B1822 1 Year	13' face for four antennas. Galvanized.	250.00 144 65.45	246.25 245.00 243.75

Standoff Chain MT.

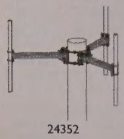


35093

Standoff Chain mount for round steel or wood poles with up to 36" diameter. Each 68" standoff arm supports one or two antennas at its end. Order antenna mounting pipes separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
90782 1 EACH	Microflect/Valmont B1623 2 Years	Standoff Chain Mount kit for with 1 arm.	295.00 90 40.9	290.58 289.10 287.63
35093 1 EACH	Microflect/Valmont B1622 2 Years	Standoff Chain Mount kit for with 3 arms.	785.00 260 118.17	773.23 769.30 765.38

Tri-Sector Standoff Chain Mount



24352

Standoff Chain mount for round steel or wood poles from 5.5" to 36" diameter. Each 40" standoff arm supports one antenna at its end. Order antenna mounting pipes separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
24352 1 EACH	Microflect/Valmont B1883 2 Years	Standoff Chain Mount kit with 3 arms.	700.00 161 73.17	689.50 686.00 682.50

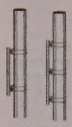
Monopole Bracket Pipe Mount

85833

Pipe mount bolts directly to a Tri-Bracket and enables installation of a microwave antenna. Includes brackets for attachment of the antenna's azimuth rod.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
85833 1 EACH	Microflect/Valmont B1832 1 Year	4 1/2" OD x 60" long pipe mount for attachment to Tri-Bracket.	170.00 107 48.63	16 16 16

Monopole Chain Mount



496126

The adjustable Monopole Chain Mount attaches frames and antennas to either or multi-faced monopoles. Mounts with a 8" chain accommodate monopoles fr to 30" in diameter and mounts with a 16" chain accomodate monopoles from 8 60" in diameter. Standard mounts use 2 pairs of chains for securing frames or a nas while the heavy duty Triple Chain Mount provides an additional pair of chai required to mount 8' and 10' microwave antennas.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
24322 1 EACH	Wireless Solutions MT-242 3 Years	Polygon Monopole Chain Mount with 4-1/2" x 63" pipe mount and 8' chain.	345.00 130 59.08	33 33 33
76653 1 EACH	Wireless Solutions MT-245 3 Years	Polygon Monopole Chain Mount with 2-3/8" x 48" pipe mount and 8' chain.	330.00 87 39.54	32 32 31
75404 1 EACH	Wireless Solutions MT-257 3 Years	Round Monopole Chain Mount with 4-1/2" x 63" pipe mount and 8' chain.	345.00 130 59.08	33 33 33
84871 1 EACH	Wireless Solutions MT-259 3 Years	Round Monopole Chain Mount with 2-3/8" x 48" pipe mount and 8' chain.	330.00 90 40.9	32 32 31
NEW 478137 1 EACH	Wireless Solutions MT-242-60 3 Years	Polygon Monopole Chain Mount with 4-1/2" x 63" pipe mount and 16' chain.	535.00 170.9 77.67	52 51 51
NEW 496126 1 EACH	Wireless Solutions MT-245-60 3 Years	Polygon Monopole Chain Mount with 2-3/8" x 48" pipe mount and 16' chain.	535.00 129.9 59.04	52 51 51
42007 1 EACH	Wireless Solutions MT-244 3 Years	Stiff Arm Mount for Polygon Monopole Chain Mount with 8' chain.	205.00 56 25.45	20 19 19
58443 1 EACH	Wireless Solutions MT-244R 3 Years	Stiff Arm Mount for Polygon Round Monopole Chain Mount with 8' chain.	205.00 54 24.54	20 19 19

Low Profile Chain Mt

62335

For applications where a single antenna is required to attach to a rou polygon-shaped monopoles, wood poles or tapered poles, this low pr mount enables the antenna to be mounted close to the support stru but with enough stand off for jumper connection and antenna access. Accommodated 8" to 60" OD applications. Order specific length and eter pipe mount separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
62335 1 EACH	Wireless Solutions MT-241-63 3 Years	Low Profile Chain Mount with three 2 3/8" OD x 63" Pipe Standoffs. Shipped as four pieces.	465.00 180 81.81	4 4 4
10728 1 EACH	Wireless Solutions MT-241-48 3 Years	Low Profile Chain Mount with three 2 3/8" OD x 48" Pipe Standoffs. Shipped as four pieces.	450.00 175 79.54	4 4 4
NEW 499371 1 EACH	Wireless Solutions MT-241-SP-H 3 Years	Low Profile Chain Mount for single antenna mounting pipe. Fits from 8" to 60" diameter round monopoles.	285.00 41 18.63	2 2 2
30949 1 EACH	Wireless Solutions MT-241 3 Years	Low Profile Chain Mount with three 2 3/8" OD x 96" Pipe Standoffs. Shipped as four pieces.	495.00 185 84.08	4 4 4

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ain Mount-Polygonal Tapered Pole

Chain mount kits for tapered, polygonal steel poles enable attachment of 4 1/2" & 2 3/8" OD antenna pipe mounts. The antenna pipe mounts, ordered separately, bolt to the Chain Mount Kit brackets. The brackets attach to the pole with double chains and support dish antennas up to 8' diameter.

00

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
300 ACH	Microflect/Valmont B1654 1 Year	Kit for antennas up to 8' diameter.	285.00 60.5 27.5	280.73 279.30 277.88
858 ACH	Microflect/Valmont B1655 1 Year	Side strut support bracket for polygon pole.	195.00 65 29.54	192.08 191.10 190.13

ain Mount Kit for Round Poles

Chain mount kits for round poles enable attachment of 4 1/2" & 2 3/8" OD antenna pipe mounts. The antenna pipe mounts, ordered separately, bolt to the Chain Mount Kit brackets. The brackets attach to the pole with single (up to 6' antennas) or double chains (8' antenna). The kits will accommodate poles from 6 1/2" to 36" in diameter.

24

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
624 ACH	Microflect/Valmont B1624 1 Year	Kit for antennas up to 6' diameter.	155.00 42 19.09	152.68 151.90 151.13
664 ACH	Microflect/Valmont B1649 1 Year	Kit for antennas up to 8' diameter.	235.00 40 18.18	231.48 230.30 229.13

ain Mount Kit

Chain mount kit for wood or steel pole up to 36" in diameter. Supports either one or three antennas. Order antenna mounting pipes (2-3/8" OD) separately. Will accommodate pipes 4' to 11' in length.

1

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
71 CH	Microflect/Valmont B1640 2 Years	Chain mount kit for mounting 1 wireless antenna.	165.00 45 20.45	162.53 161.70 160.88
83 CH	Microflect/Valmont B1639 2 Years	Chain mount kit for mounting 3 wireless antennas.	465.00 90 40.9	458.03 455.70 453.38
90 CH	Microflect/Valmont B2069 2 Years	2' Standoff Chain mount for mounting 1 GPS antenna.	150.00 42.27 19.21	147.75 147.00 146.25

od Pole Top Hat

23598

Cellular antenna mounting platform for 40-110' utility wood poles allowing installation of 6 omni or 12 directional antennas on optional 2-3/8" galvanized steel pipe mounts.

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
98 CH	Wireless Solutions MT-200 3 Years	Wood Pole Top Hat Assembly.	2,000.00 300 136.35	1,960.00 1,940.00 1,920.00
35 CH	Wireless Solutions MT-205 3 Years	Step Bolts.	3.50 0.9 0.41	3.43 3.40 3.36

Wood Pole Chain Mt.

70408

Cellular wood pole chain mount for 6' diameter microwave antennas. Mount includes pipe mount. An optional stiff arm mount is available. Mounts to pole up to 28" in diameter.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
70408 1 EACH	Wireless Solutions MT-238 3 Years	Woodpole Chain Mount. 4-1/2" x 63" pipe mount.	235.00 89 40.45	230.30 227.95 225.60
55945 1 EACH	Wireless Solutions MT-240 3 Years	Woodpole Chain Mount with 2-3/8" x 63" pipe mount.	225.00 85 38.63	220.50 218.25 216.00

Wood Pole Pipe MT.

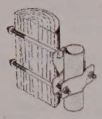
48756

Wood Pole pipe mounts for mounting to a 10" to 22" diameter wood poles. Mounting pipe is welded to bracket. Mount includes attaching hardware. Galvanized steel.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
48756 1 EACH	Microflect/Valmont 99485 2 Years	2-3/8" OD x 60" wood pole pipe mount.	185.00 85 38.63	182.23 181.30 180.38
78890 1 EACH	Microflect/Valmont 99486 2 Years	4-1/2" OD x 60" wood pole pipe mount.	205.00 97 44.09	201.93 200.90 199.88
13107 1 EACH	Microflect/Valmont 99487 2 Years	4-1/2" OD x 100" wood pole pipe mount.	240.00 127 57.72	236.40 235.20 234.00

Wood Pole Brackets

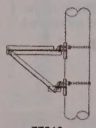
15433



65672

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
14065 1 EACH	Sinclair 17AS 2 Years	Pipe to wood pole clamp. Holds .75" to 1.5" pipe to utility pole. Single piece. Two or more units required for most applications.	45.00 12 5.45	37.35 35.55 34.20
15433 1 EACH	RFS Celwave PD246 5 Years	Universal clamp set for mounting antenna with 1" to 2 3/4" support pipe on wood utility poles. Adjusts for pole taper. Requires 7/8" threaded crossarm rods OR lag screws for installation.	63.00 5.75 2.61	48.01 47.25 46.31
65672 1 EACH	Sinclair 17A 2 Years	Pipe to wood pole clamp. Holds 1.5" to 3.5" pipe to utility pole. Single piece. Two or more units required for most applications.	59.00 6.8 3.09	48.97 46.61 44.84

Radio Platforms



77860

The radio platform for wood poles provide a 20" x 30" horizontal mounting surface. Platform consists of a steel angle frame with a 11 guage steel floor and is secured to pole with chain mounting hardware. All parts are hot dipped galvanized.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
77860 1 EACH	Microflect/Valmont B1646 2 Years	20" x 30" horizontal radio platform.	395.00 100 45.45	389.08 387.10 385.13

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Mounts, Base Antenna

Side Mount Kits [341-10]

If you are buying these, you may need:

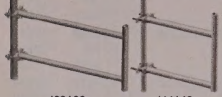
Wrenches. . . . . .page 1581

Universal Stand-Off Bracket Mount

The Universal Stand-off Bracket Mounts provide a 36" or 48" stand-off distance for mounting wireless antennas. A 2-3/8" OD x 48" pipe is welded to the end of the arm facilitating quick attachment of directional or amni antennas. One stiff arm is included to provide additional stability for the bracket. When mounting to round or angle tower legs Stand-off Mount Kits (Sold separately) will fit individual leg sizes. When mounting to monopoles or wood poles Chain Mounts may be used. Hot dipped galvanized steel construction.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 419145 1 EACH	Wireless Solutions MT-600 3 Years	36" Standoff Bracket	325.00 66 30	318.50 315.25 312.00
74574 1 EACH	Wireless Solutions MT-601 3 Years	48" Standoff Bracket	340.00 73 33.18	333.20 329.80 326.40
NEW 472176 1 EACH	Wireless Solutions MT-602-HD 3 Years	Heavy Duty Stiff Arm for Stand-off Bracket	145.00 54 24.54	142.10 140.65 139.20

Stand-Off Brackets



482199 466163

Stand-off brackets are available with a variety of stand-off distances to suit your exact application. The brackets feature a one piece welded design consisting of a 1 7/8" OD pipe with 2" channel mounting plates. The brackets include hardware for up to 3 1/2" OD round tower legs. Adapter clamps can be purchased separately to adapt mounting hardware to larger diameter legs, angled legs or tapered legs. 48" and longer brackets include a welded diagonal brace for additional reinforcement. Dish Stand-off bracket also available below.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
482199 1 EACH	Wireless Solutions S-200 3 Years	Stand-off bracket, 24". 1 7/8"OD x 24" antenna mounting pipe.	105.00 23 10.45	102.90 101.85 100.80
74005 1 EACH	Wireless Solutions S-300 3 Years	Stand-off bracket, 36". 1 7/8" OD x 36" antenna mounting pipe.	117.00 30 13.64	114.66 113.49 112.32
43954 1 EACH	Wireless Solutions S-400 3 Years	Stand-off bracket, 48". 1 7/8"OD x 32" antenna mounting pipe.	152.00 42 19.09	148.96 147.44 145.92
NEW 428173 1 EACH	Wireless Solutions S-400L 3 Years	Stand-off bracket, 48". 1 7/8"OD x 38" antenna mounting pipe.	155.00 42 19.09	151.90 150.35 148.80
72158 1 EACH	Wireless Solutions S-500 3 Years	Stand-off bracket, 60". 1 7/8"OD x 32" long antenna mounting pipe.	172.00 48 21.82	168.56 166.84 165.12
NEW 466163 1 EACH	Wireless Solutions DM-100 3 Years	Dish Stand-off Bracket, 24". 1-1/2" OD x 24" antenna mounting pipe.	112.00 23 10.45	109.76 108.64 107.52

Pipe Frame Stand-off Brackets

461174

Heavy Duty Pipe Frame Stand-Off Bracket is designed to provide 3' of standoff distance for the Tower Pipe Frame. Bracket includes versatile clamps which mount to most common tower leg sizes. Manufactured from 3-1/2" OD pipe for the antenna support mount and 2-7/8" OD pipe for the frame structure. Hot dipped galvanized.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 461174 1 EACH	Wireless Solutions PB-G3S-2 3 Years	36" Pipe Frame Stand-off Bracket for 2" to 5" OD legs.	338.00 138 62.72	331.24 327.86 324.48
NEW 72866 1 EACH	Wireless Solutions PB-G3T-2 3 Years	Tapered 36" Pipe Frame Stand-off Bracket for 2" to 5" OD legs.	359.00 138 62.72	351.82 348.23 344.64

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
NEW 414171 1 EACH	Wireless Solutions PB-G3T-4 3 Years	Tapered 36" Pipe Frame Stand-off Bracket for 4" to 8" OD legs.	366.00 138 62.72	3 3 3

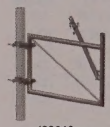
Panel Antenna Stand-Off Brackets

496018

Panel Antenna Stand-off Brackets provide support for a single wireless sector antenna while standing it away from the support structure. These one-piece we brackets are available in multiple versions to provide 12" to 48" of stand-off dis A 2-3/8" OD x 70" pipe is integrated into the bracket to facilitate quick attach of panel or small omnidirectional antennas. The opposite end of the Bracket fea a 2-3/8" x 52" pipe. Brackets 24" or greater include a welded 3/4" diagonal bra provided additional reinforcement. Hot dipped galvanized steel construction.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
496018 1 EACH	Wireless Solutions P-100 3 Years	Panel Antenna Stand-off Bracket 12"	134.00 45 20.45	1 1 1
438159 1 EACH	Wireless Solutions P-200 3 Years	Panel Antenna Stand-off Bracket 24"	164.00 55 25	1 1 1
484155 1 EACH	Wireless Solutions P-300 3 Years	Panel Antenna Stand-off Bracket 36"	186.00 62 28.18	1 1 1
453144 1 EACH	Wireless Solutions P-400 3 Years	Panel Antenna Stand-off Bracket 48"	217.00 70 31.82	2 2 2

Heavy Duty Stand-off Brackets

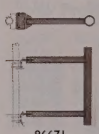


433060

Heavy Duty Stand-off Brackets provide a robust mounting solution when standing omnidirectional antennas away from a support structure. These piece welded brackets are available in 48" and 72" versions to accommod your required stand-off distance. Manufactured from hot dip galavanized Order appropriate pipe to pipe mounting clamps separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
433060 1 EACH	Wireless Solutions HS-400 3 Years	48" Heavy Duty Stand-off with 2-3/8" OD frame and 38" long antenna mounting pipe.	200.00 55 25	1 1 1
451157 1 EACH	Wireless Solutions HS-600 3 Years	72" Heavy Duty Stand-off with 2-7/8" OD frame & 42" long antenna mounting pipe.	370.00 115 52.27	3 3 3

Standoff Pipe Mount For Tower Legs



86671

The Standoff Pipe Mount provides a 4.5" OD x 5' long pipe that mounts to Pipe Leg or Angle Leg Clamp Kits on a vertical tower leg. The Mount provi 2' or 3' standoff and may be used to support one Microflect Wireless Towe Mounted Frames.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
86671 1 EACH	Microflect/Valmont B1738 2 Years	2' Standoff Pipe Mount.	170.00 80 36.36	1 1 1
35064 1 EACH	Microflect/Valmont B1739 2 Years	3' Standoff Pipe Mount.	180.00 95 43.18	1 1 1

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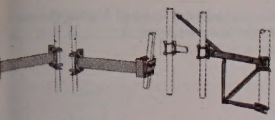
andoff Pipe Mount For Tower Legs

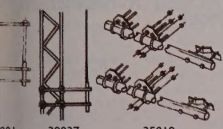


495335 418331

Standoff pipe mounts for attaching to tower legs or pipe mounts. All models may be used on vertical and 9:1, 12:1 or 16:1 sloped legs. Antenna attaches on a separately ordered 2 3/8"OD pipe that U-bolts to the end of the stand-off mount with included hardware. Models with a standoff of 4' or more include 13' stabilizing rod.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 335 ACH	Microflect/Valmont B3100 1 Year	Universal 3' standoff mount. Attaches to 1-3/4" - 8-5/8"OD round or 2.5" x 2.5" to 6" x 6" angled tower legs.	155.00 55 25	152.68 151.90 151.13
EW 331 ACH	Microflect/Valmont B3115 1 Year	Universal 4' standoff mount. Attaches to 1-3/4" - 8-5/8"OD round or 2.5" x 2.5" to 6" x 6" angled tower legs.	375.00 130 59.08	369.38 367.50 365.63
EW 380 ACH	Microflect/Valmont B3116 1 Year	Universal 6' standoff mount. Attaches to 1-3/4" - 8-5/8"OD round or 2.5" x 2.5" to 6" x 6" angled tower legs.	390.00 160 72.72	384.15 382.20 380.25
EW 392 ACH	Microflect/Valmont B3117 1 Year	Universal 8' standoff mount. Attaches to 1-3/4" - 8-5/8"OD round or 2.5" x 2.5" to 6" x 6" angled tower legs.	405.00 175 79.54	398.93 396.90 394.88

tenna Side Mount Kit



901 39037 35019

Side mounting kit. Consists of an insulated upper support arm and dual grounded lower support system. The 402 differs in that it contains a single grounded lower support arm.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
776 ACH	RFS Celwave PD402 5 Years	Single standoff mounts antenna 6" to 3' away from tower having face dimensions of 1 to 2' and up to 2 3/8" dia. legs. Includes upper support arm. For use with PD201, PD10036 & PD10036DT antennas.	290.00 21 9.54	220.98 217.50 213.15
901 ACH	RFS Celwave PD561 5 Years	Dual standoffs mount antenna 6" to 7' away from tower having face dimensions of 1 to 2 feet & up to 2 3/8" dia. legs. Includes upper support arm. For use with PD620 & PD755 antennas.	790.00 50 22.72	601.98 592.50 580.65
251 ACH	RFS Celwave 502 1 Year	For 128, 207, 340, 440, 453 & 1500 series. For tower legs up to 2-3/8" & face dimension of 1' to 2'. **Standoff is 6" - 3' for the item only.	290.00 35 15.91	220.98 217.50 213.15
037 ACH	RFS Celwave 504 1 Year	For 128, 207, 340, 440, 453 & 1500 series antennas. For tower legs up to 2-3/8" & face dimension of 1'to 2'. **Standoff is 6"-7' for the item only.	320.00 32 14.54	243.84 240.00 235.20
608 ACH	RFS Celwave PD556 5 Years	Dual standoffs mount antenna 6" to 3' away from tower having face dimensions of 1 to 2 feet & up to 2 3/8" dia. legs. Includes upper support arm. For use with PD220, PD455, PD1150 & PD1151 antennas.	490.00 43.34 19.7	373.38 367.50 360.15
807 ACH	RFS Celwave PD10028 5 Years	Dual standoffs mount antenna 6" to 7' away from tower having face dimensions of 1 to 2 feet & up to 2 3/8" dia. legs. Includes upper support arm. For use with PD458, PD1108, PD1109, PD1110 and PD10017 antennas.	540.00 55 25	411.48 405.00 396.90
644 ACH	RFS Celwave PD503 5 Years	Dual standoffs mount antenna 6" to 7' away from tower having face dimensions of 1 to 2 feet & up to 2 3/8" dia. legs. Includes upper support arm. For use with PD220, PD455, PD1150 antennas.	490.00 49 22.27	373.38 367.50 360.15
919 ACH	RFS Celwave PD10002 5 Years	Dual standoffs mount antenna 6" to 3' away from tower having round legs up to 2 3/8" in dia. For use with PD1610 & PD10022 antennas.	250.00 32 14.54	190.50 187.50 183.75

tenna Side Mount Kit

50155

Uses DB375 clamps. 1.25" minimum leg.

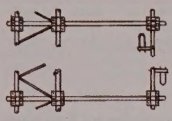
uing product table (1 of 2)

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
55 CH	Decibel Products DB5007 1 Year	Bracket holds antenna 13" away from tower with 3" dia. legs. Bottom brace only. For use with DB404, DB536, DB580, DB553, DB803 and DB806 antennas.	170.00 15.02 6.83	128.35 125.80 123.25

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36941 1 EACH	Decibel Products DB5012 1 Year	Bracket holds antenna 13" away from tower with 3" dia. legs. Includes top sway brace. For use with DB408, DB411, DB413, and DB420 antennas.	215.00 21.66 9.84	162.33 159.10 155.88
75334 1 EACH	Decibel Products DB5012-SP5 1 Year	Bracket holds antenna 13" away from tower with 5" dia. legs. Includes top sway brace. For use with DB408, DB411, DB413, and DB420 antennas.	260.00 21.03 9.56	196.30 192.40 188.50
38190 1 EACH	Decibel Products DB5001 1 Year	Bracket holds antenna 20" away from tower with max.3" dia. legs. Incl.top sway brace. For use with DB222, DB224, DB264, DB304,DB314 and DB315 antennas.	205.00 25.75 11.7	154.78 151.70 148.63
24976 1 EACH	Decibel Products DB5002 1 Year	Bracket holds antenna 20" away from tower with 3" dia. legs. Includes top sway brace. For use with DB506W and DB506WM antennas.	215.00 21 9.54	162.33 159.10 155.88
67290 1 EACH	Decibel Products DB5001-SP5 1 Year	Bracket holds antenna 20" away from tower with 5" dia. legs. Includes top sway brace. For use with DB222, DB224, DB264, DB304,DB314 and DB315 antennas.	284.00 30 13.64	214.42 210.16 205.90
76583 1 EACH	Decibel Products DB5001-SP7 1 Year	Bracket holds antenna 20" away from tower with 7" dia. legs. Includes top sway brace. For use with DB222, DB224, DB264, DB304,DB314 and DB315 antennas.	298.00 30 13.64	224.99 220.52 216.05

Adjustable Side Mount Kit

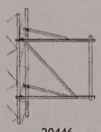


63369

Adjustable Side Mount Kit to mount across the face of the tower. Use to mount all metal mast antennas 2" to 8" away from side of tower measuring 2" to 8" across the face. Two ten foot sections of pipe and six clamp assemblies included.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
63369 1 EACH	Decibel Products DB5004 1 Year	Mounts across the face of a tower with 3" dia. legs. Use to mount all metal mast antennas 2' to 8' away from side of tower measuring 2 to 8' across the face. Two 10' sections of pipe & six clamps included.	453.00 130 59.08	342.02 335.22 328.43
98909 1 EACH	Decibel Products DB5004-3-3 1 Year	Mounts across the face of a tower with 3" dia. legs. Use to mount all DB812 series antennas 3 ft. away from side of tower measuring 2 to 7' across the face. Three 10' sections of pipe & eight clamps incl.	555.00 195 88.63	419.03 410.70 402.38
11762 1 EACH	Decibel Products DB5004-5 1 Year	Mounts across the face of a tower with up to 5" legs. Use to mount all metal mast antennas 2' to 8' away from side of tower measuring 2 to 8' across the face. Two 10' sections of pipe & six clamps included.	630.00 130 59.08	475.65 466.20 456.75

Antenna Side Mount Kit



20446

This 6' Side Arm is varable from 61" to 73". It's designed to support a maximum lateral thrust of 150 lbs. applied 5' above top of mast support pipe. Can be use on 25G, 45G, 55G, & 65G Rohn towers.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
20446 1 EACH	Rohn Tower D1130 1 Year	Dual standoffs utilize cross braces for extra strength. Attaches to two legs of a tower that are up to 2" in diameter. Holds antenna 61" to 73" away from tower. Includes 5' mast for mounting antenna.	224.00 70 31.82	190.40 183.68 174.72

Antenna Side Mount Kit

20653

These Side Arms kits will mount antennas from 18" up to 7' away from the tower.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
59046 1 EACH	Antenna Specialists ASPR615 1 Year	Dual standoffs mount antenna 18" to 36" away from tower. Includes insulated upper support arm. Will attach to tower with up to 4" dia. legs & face dimensions of 6" to 25".	305.00 34 15.45	230.28 225.70 221.13

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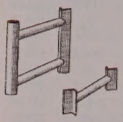
Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
20653 1 EACH	Antenna Specialists ASPR614 1 Year	Dual standoffs mount antenna 18" to 7' away from tower. Includes insulated upper support arm. Will attach to tower with up to 4" dia. legs & face dimensions of 6" to 25".	370.00 60 27.27	279.35 273.80 268.25
72260 1 EACH	Antenna Specialists ASPR613 1 Year	Universal mount, for towers with legs up to 4" in diameter & face and leg dim. of 6" to 25".	240.00 27 12.27	181.20 177.60 174.00

Antenna Side Mount Kit



15293

Holds antennas away from the tower legs of various sizes. Includes top sway braces.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
15293 1 EACH	Cushcraft/Signals SMK 1 Year	Bracket holds antenna 18" away from tower with 3" dia. legs. Includes top sway brace. For use with any Cushcraft VHF or UHF broadband array antennas.	200.00 19.58 8.9	144.00 140.00 136.00

Adapter Clamp Set

423029

Adapter Clamp Sets adapt the Stand-off Brackets to angle legs and larger round members. Tapered adapter clamp sets are offered to accommodated sloped tower members. All hardware for the attachment to the standoff bracket and to the tower member is included.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
72152 1 EACH	Wireless Solutions MS-SB50 3 Years	Adapter clamp set for stand-off bracket. Allows bracket to attach to a 4" to 9" OD vertical tower leg.	85.00 21 9.54	83.30 82.45 81.60
434104 1 EACH	Wireless Solutions LS-SB50 3 Years	Adapter clamp set for stand-off bracket. Allows bracket to attach to a 8" to 16" OD vertical tower leg.	136.50 40 18.18	133.77 132.41 131.04
423029 1 EACH	Wireless Solutions AD-P60-SCP 3 Years	Adapter clamp set for up to 6.5" 60 degree, straight or tapered angle legs.	96.75 25 11.36	94.82 93.85 92.88
45481 1 EACH	Wireless Solutions AD-P90-SCP 3 Years	Adapter clamps set for up to 6.5" straight or tapered, 90 degree angle legs.	96.75 25 11.36	94.82 93.85 92.88
57379 1 EACH	Wireless Solutions MS-SB50-SSH 3 Years	Adapter clamp set for standoff bracket. Allows bracket to attach to a 4" to 9" OD tapered tower leg.	96.50 26 11.82	94.57 93.61 92.64
437146 1 EACH	Wireless Solutions LS-SB50-SSH 3 Years	Adapter clamp set for standoff bracket. Allows bracket to attach to a 8" to 16" OD tapered tower leg.	164.00 49 22.27	160.72 159.08 157.44

Stand-Off Mount Kit for Angle Legs

31070

The Stand-off Mount Kit allows the Universal Stand-off Bracket Mounts to be secured to angled tower legs.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
31070 1 EACH	Wireless Solutions MT-599 3 Years	Stand-off mount kit for 1"X1" to 4" x 4"angle legs.	75.00 10 4.54	73.50 72.75 72.00

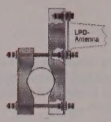
Stand-Off Mount Kit-Round Legs

32319

These Stand-off Mount Kits enable the Universal Stand-off Bracket Mounts t mounted to round tower legs or other support pipes.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
32319 1 EACH	Wireless Solutions MT-605 3 Years	Stand-off mount kit for 2-7/8" OD pipe legs	80.00 12 5.45	7
95891 1 EACH	Wireless Solutions MT-606 3 Years	Stand-off mount kit for 3-1/2" OD pipe legs	80.00 12 5.45	7
44284 1 EACH	Wireless Solutions MT-607 3 Years	Stand-off mount kit for 4-1/2" OD pipe legs	80.00 12 5.45	7

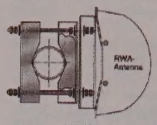
Mount for Antel LPD Antennas



Standard LPD (Log-Periodic) Mounting Bracket. Use w LPD-4016, LPD-4019, LPD-6513, LPD-6516, LPD-7905/ LPD-7905/4/102, LPD-7905/8, LPD-7905/8/102, LPD-79 LPD-7907/8, LPD-7908/4

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
NEW 430190 1 PAIR	Antel International 36114002 3 Years	Standard mount for LPD-7905, 7905/2, 7907, 7907/2, 7908 and 7908/2 log periodic antennas. Set of two.	73.00 15 6.82	7 6 6
48929 1 PAIR	Antel International 36110002 5 Years	Standard mount for LPD-7905, 7905/2, 7907, 7907/2, 7908 and 7908/2 log periodic antennas. Set of two.	46.00 15 6.82	4 4 4
91214 1 EACH	Antel International 36110003 3 Years	Standard mount for LPD-7907/4 series antennas for 2-6" OD mounting pipe. Set of 3 clamps.	70.00 21 9.54	7 6 6

Mount for Antel RWS Antennas

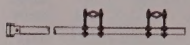


66149

Standard RWA/RWB (Panel) Mounting Bracket. Use with RWA80 Series & RWB800 Series. (excludes RWA-8006,8007,8008 and RW 8006/90)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
66149 1 EACH	Antel International MT8009 5 Years	Standard mount for RWA/RWB series antennas for 2-6" OD mounting pipe. Set of two clamps.	46.00 7 3.18	4 4 4

Fiberglass Outrigger Side Arm



93972

This Fiberglass Outrigger assembly can be used on any lai side mounted antenna with a small tapered Aeroglass rad The outrigger is attachable to the tower legs using DB37! clamps (Sku 54427).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
93972 1 EACH	Decibel Products DB5030 1 Year	Fiberglass Outrigger side arm assembly. Limits tip deflection in high wind on antennas employing small tapered fiberglass radomes. Overall length 10'3"	195.00 20 9.09	1 1 1

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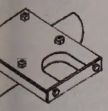
erglass Outrigger Assembly

70440

This Fiberglass Outrigger assembly can be used on any large side mounted MTD fiberglass radome. The outrigger is attachable to the tower legs using DB375 clamps (Sku 54427).

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
440 ACH	Decibel Products DB5004S-MTD 1 Year	3" O.D. fiberglass side arm assembly. Limits tip deflection in high wind on antennas employing large tapered fiberglass radomes. Overall length 10'3"	380.00 45 20.45	286.90 281.20 275.50

sulated Upper Support



39960

Insulated Adjustable Upper Support used for mounting antennas with non-tapered radomes.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
960 ACH	RFS Celwave PD90018 5 Years	Insulated adjustable upper support arm. For antennas with non-tapering radomes up to 25 lbs. 2-3/4" O.D. Positions ant. 6" to 3' from towers having face dimensions of 1 to 2 feet & up to 2 3/8" dia. legs.	220.00 25.01 11.37	167.64 165.00 161.70
353 ACH	RFS Celwave PD90019 5 Years	Insulated adjustable upper support arm. For use when mounting antennas with non-tapering radomes. Positions antennas 6" to 7' from towers having face dimensions of 1 to 2 feet & up to 2 3/8" dia. legs.	290.00 20 9.09	220.98 217.50 213.15

Downtilt Brackets [341-30]

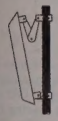
iversal Adjustable Slope Pipe Mount

35224

Adjustable Slope Pipe Mounts for dish antennas and Wireless Frames mount adjacent to the vertical or sloped legs of pipe-leg towers and accommodate leg slopes from 0 Degrees to 19-1/2 Degrees. With the Pipe-Leg Clamp Kit these 4-1/2" (114 mm) OD Pipe Mounts attach on, up to a 10-3/4" (273 mm) OD pipe. Materials are hot-dip galvanized after fabrication.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
224 CH	Microflect/Valmont B2774 2 Years	Universal adjustable slope pipe mount with 3' standoff will fit round legs from 2" to 10 3/4" and angles from 2 1/2" to 8". Adjustable for 0 - 7 degree tower leg slopes. Hot dipped galvanized.	795.00 280 127.26	783.08 779.10 775.13

enna to Pipe Downtilt Brackets



uing product table (1 of 2)

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
15 CH	Decibel Products DB5083 1 Year	Consists of 1 pair tilt links & 2 pair of mounting brackets. Provides up to 14" of downtilt. Galvanized. A DB380 series mounting kit (comes with panel antenna) is required.	79.00 5 2.27	59.25 58.07 56.88
50 CH	Decibel Products DB5083D 1 Year	Consists of 2 pair tilt links & 2 pair of mounting brackets. Provides up to 14" of downtilt. Galvanized. A DB380 series mounting kit (comes with panel antenna) is required.	139.00 10 4.54	105.64 103.56 102.17
72 CH	Decibel Products DB5098 1 Year	Includes galvanized steel downtilt assembly, aluminum angle indicator assembly & hardware. Has built-in angle guide to help determine angles. Maximum downtilt angle is 18 degrees. Requires clamp set included w/ antenna.	97.00 2.1 0.95	73.72 72.27 71.30

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
84643 1 EACH	Decibel Products DB5099 2 Years	Includes galvanized steel downtilt assembly, aluminum angle indicator assembly & hardware. Has built-in angle guide to help determine angles. Maximum downtilt angle is 18 degrees, however the upper bracket is longer than the DB5098 to allow for greater downtilt in special applications.	97.00 3.25 1.48	73.72 72.27 71.30
84463 1 EACH	Decibel Products DB380 1 Year	Replacement clamp set for DB894, 896 891 and 893 series antennas. Mounts antennas to 3.5" OD pipe. Use with DB5081 bracket.	59.00 8 3.64	44.55 43.66 42.78
32856 1 EACH	Decibel Products DB380-4 1 Year	Replacement clamp set for DB894, 896 891 and 893 series antennas. Mounts antennas to 4.0" OD pipe. Use with DB5081 bracket.	79.00 9 4.09	59.65 58.46 57.28

Andrew Adjustable Tilt Mount

420160

Andrew's Adjustable tilt mount attaches to vertical pipe of diameter 1.3" to 4.5". Works with Sector antennas.

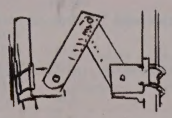
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
420160 1 EACH	Andrew Corporation 600899A-2 3 Years	Adjustable tilt mount attaches to vertical pipe 1.3" to 4.5".	95.00 4 1.82	80.75 78.38 77.43

Downtilt Mounts

Fits all Allgon log periodic and panel antennas.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30612 1 EACH	Allgon Telecom 7254.10 1 Year	Downtilt mount for use with all Allgon panel antennas.	165.00 8 3.64	148.50 140.25 132.00
NEW 451374 1 EACH	Allgon Telecom 7254.11 1 Year	Downtilt mount for use with all Allgon panel antennas. 0-18 degrees in one degree steps. Three mounting points.	120.00 12 5.45	108.00 102.00 96.00
NEW 480303 1 EACH	Allgon Telecom 7456.00 1 Year	Downtilt mount for use with all Allgon panel antennas.	93.35 8 3.64	84.01 79.34 74.68
79227 1 EACH	Allgon Telecom 2170.0006 1 Year	Downtilt mount for Allgon 5.91' high panel antennas. For use with Allgon models 7143, 7144, 7145 & 7146 antennas with .12 and .22 suffix.	120.00 12 5.45	108.00 102.00 97.78
17992 1 EACH	Allgon Telecom 2171.0008 1 Year	Downtilt mount for Allgon 8.53' high log periodic antennas. For use with Allgon models 7120, 7125, 7129, and 7130 antennas with .17 and .18 suffix.	120.00 18.14 8.24	108.00 102.00 97.78

Downtilt Brackets



Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
65490 1 EACH	Antenna Specialists ASP989 1 Year	Adjustable beam tilt clamps. For use with long sector antennas. Clamps can attach directly to 2 3/8" to 4 1/2" tower legs or to a mounting pipe. Adjusts from 0 to 10 degrees in 1/2 deg. increments. Clamp spacing is 136 inches.	599.00 47 21.36	452.25 443.26 434.28
14180 1 EACH	Decibel Products DB5086-P 1 Year	Will mount DB833R-F & DB834R-F antennas to round members up to 2.75" O.D. Provides more than 10" of downtilt with a maximum angle of 21.6 degrees. Consists of 1 pair tilt bracket, 2 pair mounting brackets & 2 extension brackets.	245.00 12 5.45	184.98 181.30 177.63

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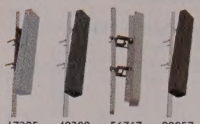
Mounts, Base Antenna

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
47916 1 EACH	Decibel Products DB5086STM 1 Year	Includes the DB5081 pair of tilt links & two mtg. brackets that connect the back screen & bracket from the DB380 kit, designed to mount to tower legs. Eliminates need for DB5080 pipe adapter.	166.00 11.24 5.11	126.16 123.67 122.01

Downtilt Brackets

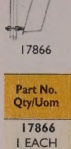


17295 48308 56767 89957

One piece unit for DAPA 3900 series panel antennas. Brackets can be inverted and reinstalled to panel for uptilt.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
17295 1 EACH	DAPA TB-3960 2 Years	0-12 degree tilt 1 degree increments designed for DAPA 3900 series panels.	158.00 16 7.27	120.40 118.50 116.13
48308 1 EACH	DAPA TB-6 2 Years	0-12 degree tilt 1 degree increments designed for DAPA antennas w/ FIX 903 pipe mount hardware. 1.25" to 4.5" OD	108.00 8.9 4.05	82.30 81.00 79.38
56767 1 EACH	DAPA 307.78 2 Years	0-12 degree tilt 1 degree increments designed for DAPA 2900 series panels. Uptilt 1-5 degrees.	118.00 16 7.27	89.92 88.50 86.73
89957 1 EACH	DAPA TB-9 2 Years	0-12 degree tilt 1 degree increments designed for DAPA panel antennas with FIX 903 hardware 1.25" to 3.5" OD	132.00 10.2 4.64	100.59 99.00 97.02

Downtilt Brackets



17866

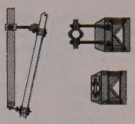
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
17866 1 EACH	Antel International DT7905/8 5 Years	Downtilt mount for LPD-4016, 4019, 6513, 6516, 7905, 7907 and 7908 series antennas for 2-6"OD mounting pipe. Must order standard MT mounting bracket.	73.00 20 9.09	73.00 69.35 67.16

Downtilt Brackets

52093

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
32634 1 EACH	Antel International DT80012 5 Years	Downtilt mount for RWB-80012 series and larger antennas 0-15 degree.	48.00 7 3.18	48.00 45.60 44.16
52093 1 EACH	Antel International DT8009 5 Years	Downtilt mount for the RWA-8008 thru RWB 80011 series antennas. 0-15 deg.	48.00 7 3.18	48.00 45.60 44.16

Adjustable Slope MT.

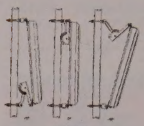


28819

Pipe mount provides a 2-3/8" OD x 66" long pipe that mounts on angle towers with leg dimensions of 2-1/2" x 2-1/2" to 6" x 6". The mounts are adjustable for leg slopes 0 - 19.5 degrees. Materials are dipped galvanized.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
28819 1 EACH	Microflect/Valmont B1709 2 Years	Adjustable Slope Pipe Mount.	195.00 72.6 33	1

Downtilt Brackets



73890

EMS provides downtilt brackets for use with their panel antennas. B ets mount antennas 3.5" - 4" away from pole. Two brackets supplie 48" - 72" panels, three brackets for panels larger than 72". Fits arou 1.5" - 5" OD pipes.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
53626 1 EACH	EMS Wireless MTG-D10-10 2 Years	0-10 degree downtilt bracket for panel antennas 48" or less in length.	133.00 8 3.64	1
21431 1 EACH	EMS Wireless MTG-D15-20 2 Years	0-15 degree downtilt bracket for panel antennas 48"-72" in length.	149.00 7.45 3.39	1
73038 1 EACH	EMS Wireless MTG-D10-30 2 Years	0-10 degree downtilt bracket for panel antennas greater than 72" in length.	175.00 12 5.45	1
59824 1 EACH	EMS Wireless MTG-D15-30 2 Years	0-15 degree downtilt bracket for panel antennas greater than 72" in length.	199.00 12 5.45	1
73890 1 EACH	Sinclair 141 2 Years	Downtilt mount for SRL-410C-4 series antennas.	108.00 7 3.18	8
16056 1 EACH	Sinclair 142 2 Years	Downtilt mount for SRL-410C-9 series antennas.	172.00 10 4.54	1

Mounts, Wall [341-40]

If you are buying these, you may need:

Grounding Systems . . . . . page 5
Power Drills. . . . . page 15
Drill Bits. . . . . page 15

Adjustable Wall Mts

Adustable Wall Mount brackets provide a robust moun solution for microwave, directional or omni antennas. T versatile mount will accept 2-3/8" or 4-1/2" OD mount pipes which are ordered seperately. The spacing betwee two brackets is adjustable to maximize stability. Two ve are available for solid or hollow wall and an optional ba plate is available for using solid wall mounts on hollow All parts are galvanized. U-bolts must be ordered sepe

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
78339 1 EACH	Wireless Solutions MT-221 3 Years	Galvanized steel adjustable wall mount bracket. Includes (1) set of two brackets. Mounts antenna pipe 6" from the wall. For use with hollow walls.	168.00 44 20	1
47202 1 EACH	Wireless Solutions MT-222 3 Years	Galvanized steel adjustable wall mount bracket. Includes (1) set of two brackets. Mounts antenna pipe 6" from the wall. For use with solid walls.	136.00 46 20.91	1
20774 1 EACH	Wireless Solutions MT-223 3 Years	Cellular Antenna Adjustable Wall Mount Brackets Backing Plate Kit. Includes 2 backing plates and 8-1/2"x 12" galvanized steel allthread bolts.	45.00 13 5.91	4
25313 1 EACH	Wireless Solutions GUB-4240 3 Years	1/2" x 2-1/2" x 4" U-bolts for use with wall mount brackets.	3.50 1 0.45	

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uing product table (2 of 2)

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
389 .CH	Wireless Solutions GUB-5456 3 Years	5/8" x 4 5/8" x 6 1/2 galvanized U-bolt assembly.	8.25 1 0.45	8.09 8.01 7.92

justable Wall Mounts

Tower Structures adjustable wall mounts are made of aluminum Qwikstrut brackets, with clamps for either 1.25" or 2" pipe. Available with either anchor style installation kit for solid walls or threaded rod kits for hollow walls.

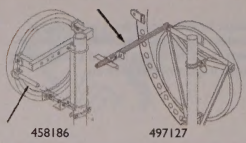
No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
196 .CH	Tower Structures AWM-1.25-D 20 Years	Adjustable wall bracket for 1.25" ID pipe (pipe not included) Includes four 3/8" drop-in anchors, four 3/8" x 1" stainless steel bolts, flat washers and lock washers.	40.00 10 4.54	40.00 39.20 38.80
589 .CH	Tower Structures AWM-1.25-D-4 20 Years	Adjustable wall bracket for 1.25" ID pipe w/ 4 ft. long pipe.Includes four 3/8" drop-in anchors, four 3/8" x 1" stainless steel bolts, flat washers and lock washers.	56.00 15 6.82	56.00 54.88 54.32
982 .CH	Tower Structures AWM-2-D 20 Years	Adjustable wall bracket for 2.00" ID pipe (pipe not included) Includes four 3/8" drop-in anchors, four 3/8" x 1" stainless steel bolts, flat washers and lock washers.	45.00 10 4.54	45.00 44.10 43.65
875 .CH	Tower Structures AWM-2-D-4 20 Years	Adjustable wall bracket for 2.00" ID pipe w/ 4 ft. long pipe. Includes four 3/8" drop-in anchors, four 3/8" x 1" stainless steel bolts, flat washers and lock washers.	65.00 15 6.82	65.00 63.70 63.05
768 .CH	Tower Structures AWM-1.25-A 20 Years	Adjustable wall bracket for 1.25" ID pipe (pipe not included) Includes four 3/8" x 1 ft long stainless steel threaded rod,eight ea. stainless steel nuts, flat washers and lock washers and four square HDG back-up plates.	40.00 10 4.54	40.00 39.20 38.80
554 .CH	Tower Structures AWM-2-A 20 Years	Adjustable wall bracket for 2.00" ID pipe (pipe not included) Includes four 3/8" x 1 ft long stainless steel threaded rod,eight eq. stainless steel nuts, flat washers and lock washers and four square HDG back-up plates.	45.00 6.6 3	45.00 44.10 43.65
947 .CH	Tower Structures AWM-2-A-4 20 Years	Adjustable wall bracket for 2.00" ID pipe w/ 4 ft. long pipe.Includes four 3/8" x 1 ft long stainless steel threaded rod,eight ea. stainless steel nuts, flat washers and lock washers and four square HDG back-up plates.	65.00 15 6.82	65.00 63.70 63.05

tenna Wall Mounts

Antenna wall mounts enable installation of parabolic dish and VHF/UHF antennas on a flat wall. Models available to support up to a 10' diameter dish. U-bolts and all other included hardware is 5/8" diameter. Order wall mounting hardware seperately based on wall construction.

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 521 .CH	Microflect/Valmont B2006 2 Years	Wall mount with 2 3/8" OD x 66" pipe.	117.00 69 31.36	115.25 114.66 114.08
W 196 .CH	Microflect/Valmont B2007 2 Years	Wall mount with 2-7/8" OD x 60" pipe.	127.00 78 35.45	125.10 124.46 123.83
W 524 .CH	Microflect/Valmont B2009 2 Years	Wall mount with 2 7/8" OD x 100" pipe.	148.00 98 44.54	145.78 145.04 144.30
945 .CH	Microflect/Valmont B2014 2 Years	Wall mount with 4 1/2" OD x 60" pipe.	155.00 99 45	152.68 151.90 151.13
W 241 .CH	Microflect/Valmont B2015 2 Years	Wall mount with 4 1/2" OD x 100" pipe.	190.00 136 61.81	187.15 186.20 185.25
W 064 .CH	Microflect/Valmont B2016 2 Years	Wall mount with 4 1/2" OD x 13' pipe.	210.00 190 86.36	206.85 205.80 204.75

Adjustable Inboard Strut Kit



Azimuth wind brace with threaded rod adjustment assembly allows for fine antenna alignment and lock down. Galvanized steel pipe and brackets include all galvanized hardware for attachment to mount or reflector mounting ring.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
458186 1 EACH	Andrew Corporation 520570-1 10 Years	For use with 12' standard two piece or optional one piece reflector.	280.00 10 4.54	246.40 239.40 236.60
497127 1 EACH	Andrew Corporation 520570-2 10 Years	Used as an optional side strut for 4' & 6' Dishes.	195.00 10 4.54	171.60 166.73 164.78

Antenna Wall Mounts

Galvanized steel wall mount designed to mount antennas to parapet or penthouse walls. Accommodates antennas designed for 2" pipe mounting. Two kits are available depending on the type of wall being used.

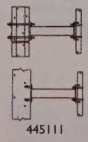
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
73570 1 EACH	Wireless Solutions MT-246 3 Years	For hollow walls. Uses 12" square backing plate and threaded rod. 72" long.	165.00 48 21.82	161.70 160.05 158.40
12357 1 EACH	Wireless Solutions MT-247 3 Years	For hollow walls. Uses 12" square backing plate and threaded rod. 63" long.	125.00 13.76 6.25	122.50 121.25 120.00
55060 1 EACH	Wireless Solutions B-100-S 3 Years	For solid concrete walls. Uses wedge anchors. 36" long.	115.00 30 13.64	112.70 111.55 110.40
89143 1 EACH	Wireless Solutions MT-248 3 Years	For solid concrete walls. Uses wedge anchors. 63" long.	110.00 36 16.36	107.80 106.70 105.60

Stand-off Wall Mounts

Heavy duty Stand-off Wall Mount provides 3' of stand-off distance for microwave dishes and panel antennas. The versatile mount features adjustable clamps to accept both a 3" or 4-1/2" OD pipe which are commonly required by dish antennas. Plain pipe must be ordered seperately. Includes a welded diaganol brace for additional stability.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 469349 1 EACH	Wireless Solutions DM-300 3 Years	36" Stand-off Mount for hollow walls. Includes 70" stiff arm.	320.00 105 47.72	313.60 310.40 307.20

Antenna Wall Mounts



Microflect standoff wall mounts for wireless antennas. Accomodates 2-3/8" mounting pipe (purchased separately). Mounts to either hollow block or solid walls using seperately ordered mounting kits . All components are galvanized steel.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 445111 1 EACH	Microflect/Valmont B2004 2 Years	2' Stand off wall mount.	125.00 30 13.64	123.13 122.50 121.88
NEW 79090 1 EACH	Microflect/Valmont B2005 2 Years	3' Stand off wall mount.	135.00 37 16.82	132.98 132.30 131.63

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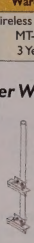
Mounts, Base Antenna

Cantilever Wall MT.

The cantilever wall mount bracket provides a secure, low profile support for wireless antennas in wall-mounting applications. The design keeps the antenna close to the supporting wall, minimizing the visual impact of the antenna.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
58383 1 EACH	Wireless Solutions MT-250 3 Years	Order 2 3/8" OD pipe separately.	75.00 8.96 4.07	73.50 72.75 72.00

Cantilever Wall MT.



Cantilever wall mounts for wireless antennas that enable single panel or whip antennas to be mounted to a flat wall. Mounts available with three different lengths of 2-3/8" OD pipe. Mounts include the pipe, two slider brackets and U-bolts. All material is hot-dipped galvanized. Order mounting hardware seperately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
38135 1 EACH	Microflect/Valmont B2003 2 Years	Wall mount slider bracket for 2-3/8" OD pipe. Single bracket, no pipe included.	23.00 9.35 4.25	22.66 22.54 22.43
17548 1 EACH	Microflect/Valmont B1592 2 Years	Cantilever Wall Mount With 5.5 ft pipe.	67.00 37.4 17	66.00 65.66 65.33
NEW 29961 1 EACH	Microflect/Valmont B1593 2 Years	Cantilever Wall Mount with 8.5 ft pipe.	75.00 56 25.45	73.88 73.50 73.13
NEW 41017 1 EACH	Microflect/Valmont B1594 2 Years	Cantilever Wall Mount with 12 ft pipe.	85.00 62.4 28.36	83.73 83.30 82.88

Wall Mounts

12" clearance heavy duty wall mount. Galvanized steel. Includes 6 ft. long x 3 1/2" OD mast. Upper and lower brackets supplied. Includes assembly hardware. Order 5/16" mounting hardware separately. Order side bracing kit separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
11031 1 EACH	Rohn Tower WM312 1 Year	Wall mount kit.	141.65 74 33.63	120.41 116.16 110.49
49424 1 EACH	Rohn Tower WMB12A 1 Year	Optional side bracing kit.	30.00 8 3.64	25.50 24.60 23.40

Low Profile Mount

Low profile wall mount allows antennas to be mounted to a building while remaining virtually transparent from ground level. Includes pipe clamps for up to 2-3/8" O.D. pipe. Plain end pipe and wall attachment hardware is not included.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
80359 1 EACH	Wireless Solutions MT-249 3 Years	Low Profile Wall Mount. Wall attachment hardware and antenna pipe are not included.	45.00 6 2.73	44.10 43.65 43.20

Corner Wall Mount

Corner Wall Mount is designed to mount to corners of ings or penthouses. 4-1/2" pipe version is used for micro antennas while the 2-3/8" version for omni or directio antennas. Hardware for attachment to wall is included attaching to a hallow wall.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
67145 1 EACH	Wireless Solutions MT-F91151 3 Years	Corner Wall Mount. 4-1/2" OD x 60" pipe. Hardware for attachment to wall is included for attaching to a hallow wall.	300.00 145 65.9	29 29 28
15538 1 EACH	Wireless Solutions MT-F91156 3 Years	Corner Wall Mount. 2-3/8" OD x 60" pipe. Hardware for attachment to wall is included for attaching to a hallow wall.	280.00 24 10.91	27 27 26
92324 1 EACH	Wireless Solutions MT-F91155 3 Years	Corner Wall Mount. 2-3/8" OD x 100" pipe. Wall attachment hardware is included for attachment to a hallow wall. (all-thread rods (8) and backing plates (4)).	300.00 138 62.72	29 29 28
53931 1 EACH	Wireless Solutions MT-F91149 3 Years	Corner Wall Mount. 4-1/2" OD x 100" pipe. Hardware for attachment to wall is included for attaching to a hallow wall.	340.00 182 82.72	33 32 32

Parapet Wall Mount

Cellular antenna parapet wall mount. Top bracket adjust fit over walls of varying thickness and provide added su for the mount weight. Unit is mounted with six wedge a or molly bolts. May be painted to match building color.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
79676 1 EACH	Wireless Solutions MT-230 3 Years	Cellular Antenna, 24" Parapet Wall Mount.	165.00 42 19.09	16 16 15
28069 1 EACH	Wireless Solutions MT-231 3 Years	Cellular Antenna, 36" Parapet Wall Mount.	175.00 45 20.45	17 16 16
66462 1 EACH	Wireless Solutions MT-232 3 Years	Cellular Antenna, 48" Parapet Wall Mount.	185.00 47 21.36	18 17 17
76068 1 EACH	Wireless Solutions MT-232-63 3 Years	Cellular Antenna, 63" Parapet Wall Mount.	190.00 47 21.36	18 18 18
24461 1 EACH	Wireless Solutions MT-232-72 3 Years	Cellular Antenna, 72" Parapet Wall Mount.	195.00 47 21.36	19 18 18
62854 1 EACH	Wireless Solutions MT-232-84 3 Years	Cellular Antenna, 84" Parapet Wall Mount.	197.00 47 21.36	19 19 18

Wall Mount Bracket

422115

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
NEW 422115 2 PACK	Wireless Solutions WM-100 3 Years	Wall Mount Bracket for 1-1/2" to 3-1/2" OD pipe. For use with hollow walls.	118.00 28 12.73	11 11 11
28647 1 EACH	RFS Celwave PD241 5 Years	Universal wall clamp set. Mounts antennas with 1 to 2-3/4" support pipe to flat vertical surfaces. Set of two.	43.00 4 1.82	3 3 3

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ole/Wall Bracket

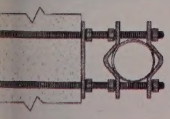
No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
451 CH	Rohn Tower PVWM 1 Year	Pole wall mount will accept up to 5" O.D.pipe. Distance from wall is adjustable from 16 to 27 3/4". UPS shippable. Hot dip galvanized. Pipe & mounting hardware not included.	168.00 65 29.54	142.80 137.76 131.04

tenna Wall Mounts

Slider Brackets for wall mounting. Kit includes one adjustable pipe clamp assembly, two u-bolt assemblies and two mounting angles. Order wall mounting hardware seperately.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 139 CH	Microflect/Valmont B2018 2 Years	Wall mount slider bracket for 2-3/8" OD pipe.	49.00 26 11.82	48.27 48.02 47.78
W 527 CH	Microflect/Valmont B2019 2 Years	Wall mount slider bracket for 2-7/8" OD pipe	51.00 26 11.82	50.24 49.98 49.73
W 188 CH	Microflect/Valmont B2020 2 Years	Wall mount slider bracket for 3" OD pipe.	53.00 27 12.27	52.21 51.94 51.68
W 937 CH	Microflect/Valmont B2507 2 Years	Wall mount slider bracket for 3-1/2" OD pipe.	55.00 29 13.18	54.18 53.90 53.63
W 509 CH	Microflect/Valmont B2021 2 Years	Wall mount slider bracket for 4-1/2" OD pipe.	57.00 29 13.18	56.15 55.86 55.58
W 536 CH	Microflect/Valmont B2026 2 Years	Side strut bracket for wall mounted antennas. 6"x14-1/2" bracket with 9/16, 11/16", & 13/16" holes for side strut attachment.	15.00 15 6.82	14.78 14.70 14.63

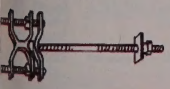
tenna Wall Mounts



Universal Wall Mount Kit. Used to secure an antenna mounting pipe to flat wall. The kit supports pipes from 1" to 4.5" OD. Order antenna pipes separately. Mounts to concrete or hollow walls up to 14" thick. Wall mounting hardware included

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
570 CH	Microflect/Valmont B1665 2 Years	Universal Wall Mount Kit. Two mounting units, for top and bottom pipe support, are included in the kit. (threaded rods are 5/8" OD x 24" galvanized).	64.00 27.2 12.36	63.04 62.72 62.40

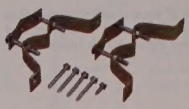
le/Wall Bracket



Mounting clamps for mounting antenna to wood pole or masonry wall up to 14 inches thick.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
48 CH	Decibel Products DB365-W 1 Year	Clamp jaws fit round members up to 2 3/4" diameter. 5/8" diameter hole required. Galvanized steel. Set of two.	80.00 10.1 4.59	60.40 59.20 58.00

Antenna Wall Mounts



Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
91014 1 EACH	Maxrad, Inc MBS-WM 2 Years	3" clearance wall mount. Accepts masts up to 2 1/4" in diameter. Includes mounting hardware. Single unit. Not a set.	16.95 0.56 0.25	8.65 8.31 7.97
71194 1 EACH	Rohn Tower WM4X 1 Year	4" clearance wall mount. Heavy duty, galvanized steel. Will support up to 2 1/4" O.D. mast. Upper and lower brackets supplied. Includes assembly and mounting hardware.	6.60 2.04 0.93	5.61 5.42 5.15
19587 1 EACH	Rohn Tower WM8D 1 Year	8" clearance wall mount. Heavy duty, galvanized steel. Will support up to 2 1/4" O.D. mast. Upper and lower brackets supplied. Includes assembly hardware but not mounting hardware. Order up to 5/16" mtg. hardware sep.	17.50 2 0.91	14.88 14.35 13.65
57980 1 EACH	Rohn Tower WM8S 1 Year	8" clearance wall mount. Heavy duty, galvanized steel. Will support up to 2 1/4" O.D. mast. Upper bracket only. Includes assembly hardware but not mounting hardware. Order up to 5/16" mtg. hardware sep.	8.30 1.25 0.57	7.06 6.81 6.48
96373 1 EACH	Rohn Tower WM12D 1 Year	12" clearance wall mount. Heavy duty, galvanized steel. Will support up to 2 1/4" O.D. mast. Upper and lower brackets supplied. Bolts directly to 16" stud spacing. Includes assembly hardware but not mounting hardware. Order up to 5/16" mtg. hardware sep.	20.00 4.75 2.16	17.00 16.40 15.60
44766 1 EACH	Rohn Tower WM12S 1 Year	12" clearance wall mount. Heavy duty, galvanized steel. Will support up to 2 1/4" O.D. mast. Upper bracket only. Bolts directly to 16" stud spacing. Includes assembly hardware but not mounting hardware. Order up to 5/16" mtg. hardware sep.	9.90 2.5 1.14	8.42 8.12 7.73
83159 1 EACH	Rohn Tower WM18D 1 Year	18" clearance wall mount. Heavy duty, galvanized steel. Will support up to 2 1/4" O.D. mast. Upper and lower brackets supplied. Bolts directly to 24" stud spacing. Includes assembly hardware but not mounting hardware. Order up to 5/16" mtg. hardware sep.	21.80 6 2.73	18.53 17.88 17.01
31552 1 EACH	Rohn Tower WM18S 1 Year	18" clearance wall mount. Heavy duty, galvanized steel. Will support up to 2 1/4" O.D. mast. Upper bracket only. Bolts directly to 24" stud spacing. Includes assembly hardware but not mounting hardware. Order up to 5/16" mtg. hardware sep.	10.90 4.5 2.05	9.27 8.94 8.51
69945 1 EACH	Rohn Tower WM24D 1 Year	24" clearance wall mount. Heavy duty, galvanized steel. Will support up to 2 1/4" O.D. mast. UPPER and LOWER brackets supplied. Bolts directly to 32" stud spacing. Includes assembly hardware but not mounting hardware. Order up to 5/16" mtg. hardware sep.	24.00 9 4.09	20.40 19.68 18.72
68255 1 EACH	GC/Waldom 8304 90 Days	Medium duty wall mount. Zinc plated, heavy gauge steel construction. Clear chromate dipped for added protection. 4" clearance from wall. For use with masts up to 1 3/4" in diameter. Set of two.	6.60 1.65 0.75	6.08 5.94 5.81
60139 1 EACH	GC/Waldom 9236 90 Days	Medium duty wall mount. Zinc plated, heavy gauge steel construction. Clear chromate dipped for added protection. 6.5" clearance from wall. For use with masts up to 1 3/4" in diameter. Set of two.	7.60 1.6 0.73	6.98 6.83 6.67
44156 1 EACH	GC/Waldom 8305 90 Days	Heavy duty wall mount. Zinc plated, heavy gauge steel construction. Clear chromate dipped for added protection. 2.5" clearance from wall. For use with masts up to 2 1/2" in diameter. Set of two.	7.50 1.55 0.7	6.89 6.74 6.59

Snap-In Wall Mounts

Snap-in wall mount. Made of extra heavy gauge steel, zinc plated and clear chromate dipped for weather protection.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
82486 1 EACH	GC/Waldom 8308 90 Days	For use with masts up to 1 3/4" dia. Mounting holes spaces 16" for fastening to studs. 8" wall clearance. Set of two.	10.20 2.35 1.07	9.39 9.18 8.98
44093 1 EACH	GC/Waldom 8312 90 Days	For use with masts up to 1 3/4" dia. Mounting holes spaces 16" for fastening to studs. 12" wall clearance. Set of two.	14.70 3.41 1.55	13.51 13.22 12.92
95954 1 EACH	GC/Waldom 8318 90 Days	For use with masts up to 1 3/4" dia. Mounting holes spaces 16" for fastening to studs. 18" wall clearance. Set of two.	20.95 5.05 2.3	19.28 18.86 18.44

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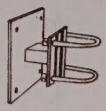
Mounts, Base Antenna

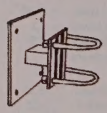
Wall Mounts



Wall Mounting hardware. An 8" square stainless steel plate provides four positions of wall attachment. Two galvanized U-bolts are provided to secure the antenna's support pipe.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
67167 1 EACH	RFS Celwave PD10064 5 Years	Wall mounting for PD1132 and PD10021 directional antennas. Mount has 3 1/4" standoff allowing 130 degrees of rotation. 3 per antenna suggested.	170.00 8.96 4.07	129.54 127.50 124.95

Swivel Wall Bracket



EMS Wireless swivel wall brackets mount 6.2" away from the wall. Two brackets supplied for 72" or smaller panels, three for panels longer than 72". Provides 40 degree angle.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
98217 1 EACH	EMS Wireless MTG-S02-10 2 Years	For use with panel antennas 72" or shorter in length. Two brackets supplied.	133.00 8 3.64	109.73 106.40 104.41

Universal One Legged Mount

28600

The ROHN Universal One Legged Mount can be installed on any roof, wall or gable end. This mount is designed for virtually all types of antennas: MMDS, DBS, TV, home and more. Solves any mounting need.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
28600 1 EACH	Rohn Tower 1LG *See Manufacturer	May be installed on any part of the building. Includes a 1 1/4" O.D. mounting pipe and is galvanized for ultimate rust protection. Also includes lag screws.	17.40 4 1.82	14.79 14.27 13.58

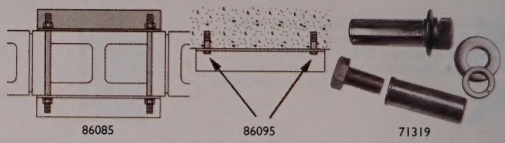
GPS Wall Mount.

10846

GPS wall mount bracket. Includes mounting plate with 7/16" holes with a welded 3/4" pipe threaded on one end. All components hot-dipped galvanized.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 10846 1 EACH	MTS VC-GPSWM 3 Years	GPS wall mount bracket.	60.00 12 5.45	58.80 58.20 57.60

Wall Mount Attaching Hardware



Anchor Kits for wall & corner-mounted products. THRU-BOLT kits are used for hollow a built-up walls. These kits accommodate a maximum wall thickness of 1'-8" for a wall mount 8" for a corner mount. Kits include backing angles or plates, threaded rods, and hardware. CONCRETE kits are used for solid concrete walls. Kits include 2-1/2" long drop-in ancho and the necessary stainless steel hardware.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 86085 1 EACH	Microflect/Valmont B1903 2 Years	Thru-Bolt Anchor Kit. 2 Anchors per kit.	16.00 11 5	15 15 15
NEW 45463 1 EACH	Microflect/Valmont B1873 2 Years	Thru-Bolt Anchor Kit. 4 Anchors per kit.	32.00 23 10.45	31 31 31
NEW 474102 1 EACH	Microflect/Valmont B1898 2 Years	Thru-Bolt Anchor Kit. 8 Anchors per kit.	64.00 32 14.54	63 62 62
NEW 86095 2 PACK	Microflect/Valmont B1902 2 Years	Concrete Anchor Kit. 2 anchors per kit.	7.50 2 0.91	7. 7. 7.
NEW 71319 1 EACH	Microflect/Valmont B1872 2 Years	Concrete Anchor Kit. 4 Anchors per kit.	15.00 3 1.36	14 14 14
NEW 466332 1 EACH	Microflect/Valmont B1897 2 Years	Concrete Anchor Kit. 8 Anchors per kit.	30.00 6 2.73	29 29 29

Mounts, Rooftop [341-50]

If you are buying these, you might need:

Lightning Protectors and Air Terminals . . . . . page 54
Grounding Systems . . . . . page 56

Non-Penetrating Roof Frame

451176

Non-Penetrating Roof Frame is ballast secured using up to 20 cinder bl (not included). The smooth rubber underside ensures damage free con with the rooftop. Rubber mats are included to further protect the roof surface. Includes U-bolts for mounting 2-4 antennas. Hot dipped galvan

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW 436388 1 EACH	Wireless Solutions RF-N7-B 3 Years	7' Non-Penetrating Roof Frame. 2-3/8" OD pipe not included.	415.00 334 151.8	406 402 398
NEW 460126 1 EACH	Wireless Solutions RF-N10-B 3 Years	10' Non-Penetrating Roof Frame. 2-3/8" OD pipe not included.	435.00 334 151.8	426 421 417
NEW 491157 1 EACH	Wireless Solutions RF-N12-B 3 Years	12' Non-Penetrating Roof Frame. 2-3/8" OD pipe not included.	455.00 370 168.16	445 441 436
NEW 451176 1 EACH	Wireless Solutions RF-N12-3-72 3 Years	12' Non-Penetrating Roof Frame. Three 2-3/8" OD x 72" pipe mounts included.	549.50 420 190.89	538 533 527
NEW 486157 1 EACH	Wireless Solutions RF-N14-B 3 Years	14' Non-Penetrating Roof Frame. 2-3/8" OD pipe not included.	525.00 379 172.26	514 509 504

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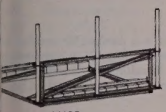
on-Penetrating Panel Mount

91954

Non-penetrating roof mount for wireless antennas. The frame which is 6ft high locates one antenna at each end of the mounting frame to a overall antenna separation of 7 ft. Optional mounting pipes U-bolt directly to frame. Frame is smooth without bolt heads. Lightweight members are easily transported to the roof by elevator. Frames are designed for 100 mph and 1/2" radial ice per EIA-RS-222-C.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
954 ACH	Microflect/Valmont 99540 2 Years	7 Ft wide frame to mount 2 panel antennas.	395.00 330 149.99	389.08 387.10 385.13
717 ACH	Microflect/Valmont 99547 2 Years	12 Ft wide frame to mount 4 panel antennas.	450.00 225 102.26	443.25 441.00 438.75
852 ACH	Microflect/Valmont 99546 2 Years	10 Ft wide frame to mount 4 panel antennas.	410.00 350 159.08	403.85 401.80 399.75
375 ACH	Microflect/Valmont 99575 1 Year	Conversion kit to change 7 ft frame to 10 ft frame.	66.00 69 31.36	65.01 64.68 64.35
193 ACH	Microflect/Valmont 99544 2 Years	Ballest Tie-Down Bracket for roof frames.	65.00 27 12.27	64.03 63.70 63.38

ow Profile Roof Mount

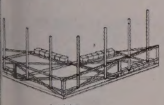


44695

The low profile ballast frame supports three wireless antennas on a single frame and provides a maximum 7' 6" antenna separation. The frame stands only 3 feet high and the ballast frame measures 7' 3/8" x 7' 11". Order antenna mounting pipes separately. Optional accessories are rubber mat kit (2 required...sku 48561) and ballast tie-down kit (sku 22193).

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 695 ACH	Microflect/Valmont B2096 2 Years	Low Profile Ballast Frame	375.00 325 147.71	369.38 367.50 365.63

orner Rooftop Frame



30885

The corner roof-top frame provides the mounting of 4 wireless antennas across each of two faces. The frame may be located in the corner of a building roof and the antennas on both faces oriented to the desired azimuth. The antennas mount in several positions across the faces, with maximum seaparation of 14'. The frame is secured with customer supplied ballast. Order antenna mounting pipes separately.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
885 ACH	Microflect/Valmont 99542 2 Years	Two 14' long, 6' high faces at 90 degrees to each other.	795.00 750 340.88	783.08 779.10 775.13

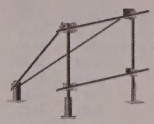
ulti-Sector Roof Frame

18036

The triangular design of the Multi-Sector Roof Frame allows it to be easily positioned in a roof-top corner, anchored to a roof-top surface. The 10' face ensures adequate antenna separation while minimizing size and transportation costs. U bolts are included to mount up to eight antennas with a maximum of four antennas per face. A Non-Penetrating Sled kit (94822) is also available. 2-3/8" O.D. plain end pipe must be PURCHASED SEPARATELY.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
036 ACH	Wireless Solutions MT-180 3 Years	Multi-Sector Roof Frame. Hot-dip galvanized.	1,050.00 420 190.89	1,029.00 1,018.50 1,008.00
022 ACH	Wireless Solutions MT-181 3 Years	Non-Penetrating Sled kit for MT-180 Reqiuires 6 rubber mat kits (41822).	550.00 165 74.99	539.00 533.50 528.00

Roof-top Mount



11918

The Roof -top Mount provides a versatile solution which accommodates an entire sector of wireless antennas in penetration roof-top applications. The 10'6" face ensures adequate antenna seperation and stands 71" high to rise above any roof lines. Pipe Mount Kits and anchor hardware must be purchased seperately. The frame is galvanized steel.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
11918 1 EACH	Wireless Solutions TP-100 3 Years	Roof-top Mount	798.00 380 172.71	782.04 774.06 766.08

Non-Penetrating Sled Kit

88953

Non-penetrating roof sled is a complete kit used to secure any W-MTS tripod mount while keeping the rooftop top surface free from damage. Sled consists of three ballast trays, which are interconnected and secured to the tripod during installation. Sled is ballast secured using concrete blocks (not included). The non-penetrating roof frame is hot-dip galvanized. Under-side of frame is smooth and free of protruding bolts or edges.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
88953 1 EACH	Wireless Solutions MT-416 3 Years	Non-Penetrating Roof Sled for W-MTS tripod mounts. Requires 6 rubber mats.	360.00 160 72.72	352.80 349.20 345.60

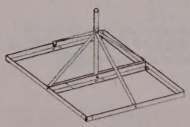
Roof-Top, Non-Penetrating Tripod

30461

Tripod mounts for non-penetrating installations on the top of building structures. The tripods accomodates a variety of antennas. Comes with 2-3/8" mast for antenna mounting. The tripod is secured with 16" block (not included) which is placed on platforms to the units three sides. The bottom of the tripod is smooth without bolt heads. All members are easily transported to the roof by elevator. An optional rubber mat kit is avaliable.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30461 1 EACH	Microflect/Valmont 99280 2 Years	5 ft tripod to accomodate a whip antenna to mount to the top 2' of the mast.	375.00 250 113.62	369.38 367.50 365.63
72208 1 EACH	Microflect/Valmont 99289 2 Years	15 ft tripod to accommodate a panel antenna to mount to the top 83" mast.	505.00 380 172.71	497.43 494.90 492.38

Non-Penetrating Roof Mount



55966

Non-penetrating roof mount for communication antennas and microwave dishes. No penetration of roof surface. Galvanized for corrosion protection. Designed for concrete block ballast. Ships disassembled via UPS.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
26131 1 EACH	Rohn Tower JRM23805 1 Year	Mast is 2 3/8" O.D. and 60" in height.	191.00 74 33.63	162.35 156.62 148.98
94359 1 EACH	Rohn Tower FRM150 1 Year	Mast is 1 1/2" O.D. and 26" in height.	47.50 32 14.54	40.38 38.95 37.05
61843 1 EACH	Rohn Tower JRM23855 1 Year	Mast is 2 3/8" O.D., 120" in height and in 2 pieces.	250.00 94 42.72	212.50 205.00 195.00
62006 1 EACH	Rohn Tower JRM23810 1 Year	Mast is 2 3/8" OD and 10' in height.	218.00 92 41.81	185.30 178.76 170.04
42752 1 EACH	Rohn Tower FRM-166 1 Year	Mast is 1 5/8" O.D. and 26" in height.	49.80 33 15	42.33 40.84 38.85
61998 1 EACH	Rohn Tower JRM27510 1 Year	Mast is 2 7/8" O.D. and 120" in height.	223.00 114 51.81	189.55 182.86 173.94

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Mounts, Base Antenna

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
85136 1 EACH	Rohn Tower JRMPAD 1 Year	Roof Pads for JRM series mounts.	75.00 95 43.18	63.75 61.50 58.50
81145 1 EACH	Rohn Tower FRM-238 1 Year	Mast is 2 3/8" O.D. and 30" in height.	54.00 37 16.82	45.90 44.28 42.12
22079 1 EACH	Rohn Tower FRM-238SP5 1 Year	Mast is 2 3/8" O.D. and 60" in height.	69.10 42 19.09	58.74 56.67 53.90
55966 1 EACH	Rohn Tower FRM-125 1 Year	Mast is 1 1/4" O.D. and 60" in height.	47.50 32 14.54	40.38 38.95 37.05

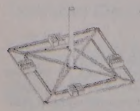
Ballast Roof Mount for 25G Sections

30868

Non-penetrating roof mount to support 25G Tower. Simply assemble the mount and then add tower and ballast. Capable of supporting up to 2- 10' sections. NOT UPS SHIPPABLE. Standard concrete block can be used as ballast. Leveling lugs are provided so tower can be perfectly straight.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30868 1 EACH	Rohn Tower 25GBRM 1 Year	Ballast roof mount for 25G Tower Sections (Use BRM6PAD Pads, Sku # 81803)	742.00 332 150.89	630.70 608.44 578.76

Ballast Roof Mount



98865

BRM410 series of non-penetrating roof mounts are 6' 6" square and have a center pipe that is 10' in overall height. 16" wide channel on all four sides is provided to hold ballast, usually cinder blocks. Roof pads and mats are available as an option.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
98865 1 EACH	Rohn Tower BRM42510 1 Year	BRM410 with 2 3/8" OD x 10' pipe.	515.00 150 68.18	437.75 422.30 401.70
48544 1 EACH	Rohn Tower BRM43510 1 Year	BRM410 with 3 1/2" OD x 10' pipe.	525.00 197 89.54	446.25 430.50 409.50
47258 1 EACH	Rohn Tower BRM44510 1 Year	BRM410 with 4 1/2" OD x 10' pipe.	535.00 215 97.72	454.75 438.70 417.30

Ballast Roof Mount

BMR645-10 series of non-penetrating roof mounts are 10' square and have a center pipe that is 10' in overall height. Roof pads and mats are available as an option.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
86687 1 EACH	Rohn Tower BRM645-10 1 Year	Ballast roof mount 10 ft mast.	560.00 330 149.99	476.00 459.20 436.80

Qwikmount Non-Penetrating Mount

62530

•Patent # 5979844

Qwikmount, non-penetrating roof mounts, utilize water as ballast, eliminating th cost and hassle of transporting bricks, sand or concrete to the roof. Ballast tank comes in three sections, for easier shipping and handling, and quickly bolts toge Qwikmount can be carried by one person in a freight elevator and that person completely assemble in as little as one hour. Roof load is 20 psf for single tank, 4 for double tank.

•This is the patented RoofSafe line of Qwikmoun

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
62530 1 EACH	Tower Structures QM-1-2-10 20 Years	Single tank, water ballasted mount with 2 3/8" OD x 10' long mast. Antenna loading is 5.6 sq.ft. in 70 MPH winds, 9.5' above the roof line.	856.00 160 72.72	85 83 83
10923 1 EACH	Tower Structures QM-1-4-10 20 Years	Single tank, water ballasted mount with 4 1/2" OD x 10' long mast. Antenna loading is 5.6 sq.ft. in 70 MPH winds, 9.5' above the roof line.	910.00 170 77.26	91 89 88
49316 1 EACH	Tower Structures QM-2-2-10 20 Years	Double tank, water ballasted mount with 2 3/8" OD x 10' long mast. Antenna loading is 10.5 sq.ft. in 70 MPH winds, 9.5' above the roof line.	1,395.00 310 140.9	1,39 1,36 1,35
87709 1 EACH	Tower Structures QM-2-4-10 20 Years	Double tank, water ballasted mount with 4 1/2" OD x 10' long mast. Antenna loading is 10.5 sq.ft. in 70 MPH winds, 9.5' above the roof line.	1,449.00 320 145.44	1,44 1,42 1,40
36102 1 EACH	Tower Structures QM-2-4-15 20 Years	Double tank, water ballasted mount with 4 1/2" OD x 15' long mast. Antenna loading is 10.5 sq.ft. in 70 MPH winds, 9.5' above the roof line.	1,649.00 330 149.99	1,64 1,61 1,59

Qwikmount Non-Penetrating Mount

82677

Qwikmount II is the baby brother to the Qwikmount. It is perfect for smaller mi wave, PCS, cellular, LMDS, MMDS and two-way antennas. Only 42" in diameter, th Qwikmount II is 209 pounds when filled with water. Resulting roof loading is onl psf. The two components of the unit quickly assemble with a single stainless steel providing stable support for your antenna.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
416001 1 EACH	Tower Structures QM-II-8 20 Years	Single tank, water ballasted mount with 1 1/4" ID x 8' long mast. Antenna loading will depend on anttena type, weight and wind speed. CALL FACTORY WITH ANTENNA/ WIND INFORMATION FOR LOADING APPROVAL.	199.30 38 17.27	199 195 193
82677 1 EACH	Tower Structures QM-II 20 Years	Single tank, water ballasted mount with 1 1/4" ID x 5' long mast. Antenna loading is 1.25 sq.ft. in 70 MPH winds, 5' above the roof line.	185.50 33 15	185 181 179

Universal Tripod Mount

459162

Universal Tripod Mounts provide a permanent means of support for antennas such wireless omni and directional antennas, point to (multi) point radios and 4' and 6' microwave antennas. Hot dipped galvanized and includes all assembly hardware. Ha ware to anchor to the structure should be purchased separately to accommodate cific application requirements.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
465056 1 EACH	Wireless Solutions TP-G238-B 3 Years	Universal Tripod Mount, Base only. Accepts 2-3/8" OD pipe (not included).	190.00 127 57.72	186 184 182
NEW 459162 1 EACH	Wireless Solutions TP-G412-B 3 Years	Universal Tripod Mount, Base only. Accepts 4-1/2" OD pipe (not included).	225.00 225 102.26	220 218 218
437007 1 EACH	Wireless Solutions TP-G412-72 3 Years	Universal Tripod Mount, 4-1/2" OD x 72" pipe.	275.00 204 92.72	269 266 264
495197 1 EACH	Wireless Solutions TP-G412-96 3 Years	Universal Tripod Mount, 4-1/2" OD x 96" pipe.	295.00 230 104.54	289 286 283
469005 1 EACH	Wireless Solutions TP-G412-150 3 Years	Universal Tripod Mount, 4-1/2" OD x 150" pipe.	325.00 257 116.81	318 315 312

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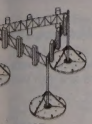
wikmount Arrays



58857

Qwikmount arrays in combination with the 2" OD pipe mast Qwikmount, can transform any roof top installation into a Hub. All hardware for attachment to Qwikmounts is included. Order two Qwikmounts with one array frame or three for use with two or three array frames. Order one QM-APM, 2" antenna pipe mount kit for every antenna you need to mount to the array face. Kit includes 48" x 2" OD pipe and all mounting hardware to attach to array face.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
857 ACH	Tower Structures QM-APM 20 Years	2" OD x 48" antenna pipe mount kit. Includes pipe.	85.00 10 4.54	85.00 83.30 82.45

oped Roof Mount-Panel Antennas

94

The Sloped Roof Mount supports an individual panel antenna on roofs with slopes of 0 - 45 degrees. The 2-3/8" OD pipe mast extends to a height of 10'3" above the roof and provides an 8' long antenna mounting area. The mast is adjustable to provide a plumb installation regardless of the roof slope. Mounting base is 50" wide and is secured to the roof via hardware that is provided. Max wind loading is for 100MPH 1/2" ice per EIA-RS-222-C.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
994 ACH	Microflect/Valmont 99284 2 Years	0 - 45 degree sloped roof mount for panel antennas.	465.00 170 77.26	458.03 455.70 453.38
018 ACH	Microflect/Valmont 99277 2 Years	0 - 45 degree sloped roof mount for panel antennas with 13' mast.	525.00 225 102.26	517.13 514.50 511.88

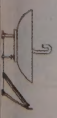
ipod Mounts

15975

Legs made of 1 1/4" tubular steel. Order 36158 for lag screw kit.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
975 ACH	Rohn Tower TRT36 1 Year	3' Light Duty Tripod. Will accept mast up to 1.75" O.D.	14.00 7 3.18	10.85 10.43 10.08
835 ACH	Rohn Tower TRT60 1 Year	5' Light Duty Tripod	24.00 10 4.54	18.60 17.88 17.28
621 ACH	Rohn Tower TRTAG2 1 Year	5' Heavy Duty Commercial Grade Tripod. Galvanized angle legs.	155.00 40 18.18	131.75 127.10 120.90

ipods



50994

Roof-mounted tripods designed for 100 MPH winds. Can support 4 or 6 foot diameter antennas without side struts. 4.5" OD support pipe.

: No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
994 ACH	Microflect/Valmont S6 2 Years	6' high	320.00 125 56.81	315.20 312.00 310.40
387 ACH	Microflect/Valmont S8 2 Years	8' high	345.00 147 66.81	339.83 336.38 334.65

Tripod Mounts

36486

10' Aluminum temporary tripod mount with 2-3/8" pipe mount. Tripod breaks down to a small package for easy transport. Tripod is held in place by sand or shot bags (not included).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36486 1 EACH	Wireless Solutions MT-423 3 Years	10' Aluminum Tripod Mount	365.00 48 21.82	357.70 354.05 350.40

Roof Mount Tripods.

44522

The S81 model has a 2-3/8" OD by 3' long mounting pipe and is specifically designed for whip and yagi antenna applications. The maximum loading for the antennas is a 1000 ft-lb for the whip and a 700 lb center line laterial load for the yagi.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
44522 1 EACH	Microflect/Valmont 91199 2 Years	2-3/8" OD mounting pipe 36" on length tripod.	350.00 147 66.81	344.75 341.25 339.50

Roof-Top,Non-Penetrating Tripod.

Tripod mounts for non-penetrating installations on the top of building structures. The tripods accommodate a variety of antennas. Comes with 2-3/8" mast for antenna mounting. The tripod is secured with 16" block (not included) which is placed on platforms to the units three sides. The bottom of the tripod is smooth without bolt heads. All members are easily transported to the roof by elevator. An optional rubber mat kit is available.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
43887 1 EACH	Microflect/Valmont 99281 2 Years	9.5 ft tripod to accommodate a panel antenna to mount to the top 6.5' of mast.	385.00 260 118.17	379.23 377.30 375.38

Non-Penetrating Adapter For Tripod

23861

The 91089 provides the capability to install the S-3S and V-series of tripods without anchor bolt penetration of the roof. The non-penetrating adapter consists of a star shaped frame and three bar-grating ballast platforms. The tripods in the above series mount to the adapters frame with the included hardware and the adapter is then secured to the roof with concrete block ballast (not included).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
23861 1 EACH	Microflect/Valmont 91089 2 Years	Tripod non-penetrating adapter.	750.00 505 229.52	738.75 731.25 727.50

Tripod Mount

78971

Accepts masts up to 1-3/4" Diameter

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
78971 1 EACH	GC/Waldom 9160 1 Year	Tripod Mount. 6 Lag Screws, 3 patches. 3 foot tall. Fully assembled.	27.85 9.32 4.24	25.63 25.07 24.51

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Roof-Mount Tripods.

The S82 and V15 model, which have 2-7/8" OD by 5' long mounting pipes at the top, are designed to carry 4' and 6' grid antennas, and whip, or yagi antennas, with a maximum lateral load of 400 lb applied at the antenna center line.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37780 1 EACH	Microflect/Valmont V15 2 Years	15' high tripod with 2-7/8" mounting pipe.	395.00 220 99.99	389.08 385.13 383.15

Trimast Roof Mount

53838

Ideal for conventional UHF-VHF or conventional wireless cable antennas. Can be installed to roof slope or peak. "Socket-lock" clamping device for fast & secure installation. Double base swivel feet help prevent twisting of the mast. Galvanized inside and out for a lasting finish. Includes pitch pads and lag screws. Conforms to most roof slopes.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
53838 1 EACH	Rohn Tower TM60 None	5' Heavy Duty Roof Mount	17.80 7.5 3.41	13.80 13.27 12.82
92231 1 EACH	Rohn Tower TM120 None	10'Heavy Duty Roof Mount	27.20 17 7.73	21.08 20.27 19.59

Roof Pads and Mats-Building Top

These roof pads are use as a buffer between the roof and non-penetrating roof mounts on top of buildings.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
31694 1 EACH	Rohn Tower BRM4MAT 1 Year	1/8" thick mat for BRM435. Set of four.	85.00 16 7.27	72.25 69.70 66.30
82561 1 EACH	Rohn Tower BRM4PAD 1 Year	3/8" thick pad for BRM435. Set of four.	157.00 66 30	133.45 128.74 122.46
52876 1 EACH	Microflect/Valmont B1637 2 Years	Single Rubber Mat, 1/2" thick x 18" wide x 48" long, can be cut to size.	11.40 15 6.82	11.23 11.18 11.12
82068 1 EACH	Microflect/Valmont B1564 2 Years	Rubber Mat kit includes 6 pads 1/2" x 18" x 48" for tri-pods & non-pens.	68.00 85 38.63	66.98 66.64 66.30
48561 1 EACH	Microflect/Valmont B1567 2 Years	Rubber Mat Kits (4 kits) 1/2" x 18" x 48" for non-pen. roof mts. & tripods.	45.60 56 25.45	44.92 44.69 44.46

Access Tube Stiffener Rings

Access Tube Stiffener Rings are designed to provide strength and reinforcement to the top portion of the existing access tube. Each stiffener ring incorporates an expansion bolt feature which expands to tightly fit the inside diameter of the access tube. Manufactured from 1/2" x 6" rolled raw steel.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
92377 1 EACH	Wireless Solutions WT-SR42 3 Years	Stiffener ring for 42" diameter access tubes.	350.00 120 54.54	343.00 339.50 336.00
27556 1 EACH	Wireless Solutions WT-SR48 3 Years	Stiffener ring for 48" diameter access tubes.	365.00 138 62.72	357.70 354.05 350.40

Coax Penetration Pipes

84159

Coax Penetration Pipes can also be purchased separately to provide coax pene tion points around the base of the access tube roof hatch. Penetration pipes are ically used in applications where pod mounts are not utilized to provide coax penetration through the access tube hatch plate. Penetration pipes are manufactu from 4" to 6" diameter and 10" long schedule 80 raw steel which are seal welde into position to accommodate multiple runs and sizes of coax.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
84159 1 EACH	Wireless Solutions WT-CPK414.01 3 Years	Coax penetration pipe, 4" x 10".	35.00 10 4.54	34. 33. 33.
32552 1 EACH	Wireless Solutions WT-CPK614.01 3 Years	Coax penetration pipe, 6" x 10"	40.00 25 11.36	39. 38. 38.

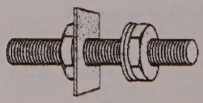
Flat Roof Mounts

97936

Universal mast base can be used anywhere. Slip bolt through already drilled hole in all ROHN telescoping masts and fasten the U-piece. Can be rotated and mast can be raised from an angle. Entire base is galvanized for the finest weather protec available.

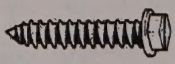
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
97936 1 EACH	Rohn Tower 2UMBX 1 Year	Use with any ROHN telescoping masts for flat roof applications.	4.90 1.6 0.73	4.1 4.0 3.8

Tripod Anchor Bolts



Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
25571 1 EACH	Wireless Solutions MT-422 3 Years	Set of three bolts for use with W-MT-417, W-MT- 418, W-MT-419, 420 or 424	75.00 5 2.27	73. 72. 72.

Lag Screw Kit



36158

Consists of 6 lag screws and foot sealers. Screws are 1/4" x slotted, hex washer head.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
36158 1 EACH	Rohn Tower TRTBAG 1 Year	Lag Screw Kit for all Light Duty Tripods.	2.30 0.5 0.23	1.7 1.7 1.6

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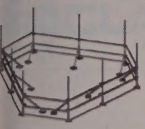
Mounts, Water Tower [341-55]

ter Tank Roof-Top Shell Frame



Designed to provide the versatility required when installing sectored antenna arrays around the shell perimeters of water storage tanks. Each frame features 2-7/8" x 78" vertical pipes to accomodate three directional antennas. All required hardware for the assembly of the water tank roof top shell frame is included.

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
112 CH	Wireless Solutions WT-RTA12-9-96 3 Years	3 sector , 12' wide face with a 7 foot wide end panel for inconnecting to the next assembly. Three 2 7/8" OD x 96" pipe mounts are included. 3 complete assemblies required to make a circular configuration.	3,850.00 2200 999.9	3,773.00 3,734.50 3,696.00

ter Tower Roof-Top Tripod Mount

The Water Tower Roof-top Tripod Mount is specifically designed to compensate for the sloping angle of the top of the tank. Bolt on feet at the base of the mounting post and 2 support legs allow adjustment on any uneven surface and to provide optimal antenna placement and positioning. Manufactured from hot dipped galvanized steel and includes all assembly hardware.

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 233 CH	Wireless Solutions WT-TMA-96 3 Years	includes a 2-7/8" OD x 96" mounting pipe.	305.00 229 104.08	298.90 295.85 292.80

ter Tank Mount-Panel Antenna

The Water Tank Mount is similar to the 99284 Sloped Roof Mount and supports one panel antenna on steel surfaces with slopes of 0-45 degrees. The base consist of three 1/2" thick x 12" square steel plates that are field welded to the tank surface. Provides 10'3" long 2-3/8"OD fully adjustable mast for antenna mounting. Max wind loading is for 100 MPH 1/2" radial ice per EIA-RS-222-C. Material is hot-dipped galvanized.

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
046 CH	Microflect/Valmont B9015 2 Years	0 - 45 degree sloped Water Tank Mount. Provides 5' long antenna mounting area. 4.5"OD mounting pipe.	420.00 138 62.72	413.70 411.60 409.50
87 CH	Microflect/Valmont 99283 2 Years	0 - 45 degree sloped Water Tank Mount. Provides 8' long antenna mounting area. 2-3/8" OD pipe.	390.00 170 77.26	384.15 382.20 380.25

cony Deck Stiffener Plate

Balcony Deck Stiffener Plates are designed to bolt or weld directly to the existing water tower balcony to provide reinforcement when mounting antennas to existing handrails. Manufactured from 4" x 3/8" x 22" pre-punched non-galvanized steel due to the welding requirements during installation. Includes 3/8" round head mounting hardware.

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 188 CH	Wireless Solutions WT-CSP1 3 Years	Water Tower Balcony Deck Stiffener Plate.	120.00 30 13.64	117.60 116.40 115.20

Stiffener Plate

Steel Stiffener Plates can also be purchased separately to provide additional reinforcement as defined by the structural engineer. Each plate is manufactured from raw steel into a 4" x 1/2" x 3'-6" plate which can be seal welded into positon. The Stiffener Plates are made from steel, and are not galvanized due to the welding requirements during installation.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
19338 1 EACH	Wireless Solutions WT-CPK414.02 3 Years	Stiffener plate, 4" x 1/2" x 3' 6".	55.00 41 18.63	53.90 53.35 52.80

Water Tank Expansion Brackets

Access Tube Expansion Brackets incorporate a no-weld expansion bolt feature which expands to tightly fit the inside diameter of the access tube. Pre-welded offset bar contains 12 pre-punched 3/4" holes to secure coax with snap in hangers. Manufactured from hot-dipped galvanized steel to prevent corrosion and rust staining.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
26711 1 EACH	Wireless Solutions WT-EB36 3 Years	for 36" diameter access tubes.	115.00 18 8.18	112.70 111.55 110.40
94572 1 EACH	Wireless Solutions WT-EB42 3 Years	for 42" diameter access tubes.	125.00 20 9.09	122.50 121.25 120.00
29751 1 EACH	Wireless Solutions WT-EB60 3 Years	for 60" diameter access tubes.	215.00 26 11.82	210.70 208.55 206.40

Water Tower Hand Rail Antenna Mount

The Water Tower Hand Rail Antenna Mount is designed to easily install on the handrails of most old and new style water tanks. This kist compensates for the different heights of different tank models and packages all the required components in one easy to install kit.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 477135 1 EACH	Wireless Solutions WT-HRM2-B 3 Years	for 2-3/8" OD mounting pipe (Sold separate).	150.00 22 10	147.00 145.50 144.00

Water Tank Balcony Mount

Water Tank Balcony mount bolts to water tank balcony. Constructed from hot-dipped galvanized pipe and VCCS clamp sets for leveling.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 47592 1 EACH	Wireless Solutions WVC-WTBM 1 Year	Water Tank Balcony Mount.	75.00 0 0	75.00 73.50 72.00

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Mounts and Clamp Sets [341-20]

If you are buying these, you may need:

Wrenches. . . . . .page 1581

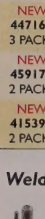
Pipe-to-Pipe Clamps

477159

Pipe-to-Pipe Clamps allow the parallel connection of 2 similar sized pipes. Typically used in the mounting of omni and directional antennas on lattice towers, water towers and mounting brackets. Standard versions utilize 1/4" thick clamp halves and the Heavy Duty versions incorporate 1/2" clamps. Manufactured from hot dipped galvanized steel.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **477159** 2 PACK	Wireless Solutions BC-20 3 Years	Joins Two 1-1/2" OD to 3-1/2" OD round members. 1/ 2" x 8" threaded rod. Kit of 2.	38.50 8 3.64	37.73 37.35 36.96
NEW **452151** 2 PACK	Wireless Solutions BC-20-10 3 Years	Joins Two 1-1/2" OD to 3-1/2" OD round members. 1/ 2" x 10" threaded rod. Kit of 2.	41.50 8 3.64	40.67 40.26 39.84
NEW **444194** 2 PACK	Wireless Solutions BC-30 3 Years	Heavy Duty. Joins Two 1-1/2" OD to 3-1/2" OD round members. 1/2" x 8" threaded rod. Kit of 2.	47.50 12 5.45	46.55 46.08 45.60
NEW **435191** 2 PACK	Wireless Solutions BC-30-10 3 Years	Heavy Duty. Joins Two 1-1/2" OD to 3-1/2" OD round members. 1/2" x 10" threaded rod. Kit of 2.	51.50 12 5.45	50.47 49.96 49.44
NEW **415162** 2 PACK	Wireless Solutions BC-35 3 Years	Heavy Duty. Joins Two 2-3/8" OD to 5" OD round members. 5/8" x 12" threaded rod. Kit of 2.	80.00 27 12.27	78.40 77.60 76.80
NEW **447165** 3 PACK	Wireless Solutions BC-35-5 3 Years	Heavy Duty. Joins Two 2-3/8" OD to 5" OD round members. 5/8" x 12" threaded rod. Kit of 3.	120.50 41 18.63	118.09 116.89 115.68
NEW **459172** 2 PACK	Wireless Solutions BC-35-14 3 Years	Heavy Duty. Joins Two 2-3/8" OD to 5" OD round members. 5/8" x 14" threaded rod. Kit of 2.	84.00 27 12.27	82.32 81.48 80.64
NEW **415398** 2 PACK	Wireless Solutions BC-40-16 3 Years	Heavy Duty. Joins Two 4" OD to 9" OD round mem- bers. Kit of 2.	97.50 36 16.36	95.55 94.58 93.60

Welded Pipe to Pipe Clamps

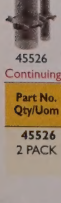


487120

Welded Heavy Duty Pipe-to-Pipe Clamps allow the parallel connection of 2 similar sized pipes. Typically used in the mounting of omni and directional antennas on lattice towers, water towers and mounting brackets. Design features 1/2" clamp halves with a middle joint for additional strength. Manufactured from hot dipped galvanized steel.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **487120** 2 PACK	Wireless Solutions BB-S10 3 Years	Joins Two 1-1/2" OD to 3-1/2" OD round members. 1/ 2" x 8" threaded rod. Kit of 2.	55.00 13 5.91	53.90 53.35 52.80
NEW **469190** 2 PACK	Wireless Solutions BB-S10-10 3 Years	Joins Two 1-1/2" OD to 3-1/2" OD round members. 1/ 2" x 10" threaded rod. Kit of 2.	57.00 13 5.91	55.86 55.29 54.72
NEW **433119** 2 PACK	Wireless Solutions BB-S20 3 Years	Joins Two 2-3/8" OD to 5" OD round members. 5/8" x 12" threaded rod. Kit of 2.	92.00 27 12.27	90.16 89.24 88.32

Pipe to Pipe Adapters



45526

Pipe to Pipe Adapters allows the parrallel connection of 2 dissimilar sized pipes in applications such as mounting omni and directional antennas on lattice towers, water towers and mounting brackets. Straight and tapered versions are available to accommodate different support member styles. Made from hot dipped galvanized steel.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
45526 2 PACK	Wireless Solutions AB-S50 3 Years	Straight pipe to pipe adapter. Adapts 1-1/2" - 3-1/2" OD pipe to 2-3/8" thru 5" OD pipe. Kit of 2.	82.00 18 8.18	80.36 79.54 78.72

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW **464121** 2 PACK	Wireless Solutions AB-S50-SSH 3 Years	Tapered pipe to pipe adapter. Adapts 1-1/2" - 3-1/2" OD pipe to 2-3/8" thru 5" OD pipe. Kit of 2.	92.00 28 12.73	90.1 89.2 88.3
NEW **429085** 1 EACH	Wireless Solutions MS-100 3 Years	Straight pipe to pipe adapter. Adapts 1-1/2" - 3-1/2" OD pipe to 4" thru 9" OD pipe. Kit of 2.	92.00 25 11.36	90.1 89.2 88.3

Pipe to Pipe Adapter Kit

Secures antenna's mounting pipe to tower leg and/or to a pipe mount. Kit includes two flange units and eight U-bolt assemblies.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
35914 1 EACH	Microflect/Valmont B1405 2 Years	Joins 2 7/8" pipe to 2 3/8" pipe. 5 1/2" wide, 10 1/8" high.	105.00 40 18.18	103. 102. 102.
97299 1 EACH	Microflect/Valmont B1406 2 Years	Joins 2 7/8" pipe to 2 7/8" pipe. 6 1/4" wide, 10 1/8" high.	116.00 36 16.36	114. 113. 113.
10157 1 EACH	Microflect/Valmont B1408 2 Years	Joins 2 7/8" pipe to 4" pipe. 6 3/8" wide, 10 1/8" high.	132.00 40 18.18	130. 129. 128.
22700 1 EACH	Microflect/Valmont B1409 2 Years	Joins 2 7/8" pipe to 4 1/2" pipe. 6 3/8" wide, 10 1/8" high.	137.00 40 18.18	134. 134. 133.
47879 1 EACH	Microflect/Valmont B1411 2 Years	Joins 2 7/8" pipe to 6 5/8" pipe. 8 1/4" wide, 9 3/4" high.	159.00 73 33.18	156. 155. 155.
61542 1 EACH	Microflect/Valmont B1416 2 Years	Joins 3 1/2" pipe to 2 3/8" . 6 3/8" wide, 10 1/8" high.	105.00 40 18.18	103. 102. 102.
86272 1 EACH	Microflect/Valmont B1418 2 Years	Joins 3 1/2" pipe to 4" pipe. 8 3/4" wide, 9 3/4" high.	137.00 64 29.09	134. 134. 133.
27406 1 EACH	Microflect/Valmont B1419 2 Years	Joins 3 1/2" pipe to 4 1/2" pipe. 9 7/8" wide, 9 3/4" high.	137.00 65.3 29.68	134. 134. 133.
83180 1 EACH	Microflect/Valmont B1426 2 Years	Joins 4" pipe to 2 3/8" pipe. 8" wide, 9 3/4" high.	132.00 64 29.09	130. 129. 128.
34665 1 EACH	Microflect/Valmont B1427 2 Years	Joins 4" pipe to 4" pipe. 8" wide, 9 3/4" high.	137.00 64 29.09	134. 134. 133.
54978 1 EACH	Microflect/Valmont B1428 2 Years	Joins 4" pipe to 4.5" pipe. 8.5" wide, 9 3/4" high.	137.00 66 30	134. 134. 133.
456096 1 EACH	Microflect/Valmont B1430 2 Years	Joins 4" pipe to 6 5/8" pipe. Includes U-bolts.	159.00 30 13.64	156. 155. 155.
59029 1 EACH	Microflect/Valmont B1434 2 Years	Joins 4 1/2" pipe to 2" pipe. 6 3/8" wide, 6" high.	132.00 30 13.64	130. 129. 128.
21451 1 EACH	Microflect/Valmont B1435 2 Years	Joins 4 1/2" pipe to 2 3/8" pipe. 6 3/8" wide, 10 1/8" high.	137.00 40 18.18	134. 134. 133.
46630 1 EACH	Microflect/Valmont B1436 2 Years	Joins 4 1/2" pipe to 4 1/2" pipe. 10 3/4" wide, 9 3/4" high.	142.00 66.5 30.22	139. 139. 138.
61347 1 EACH	Microflect/Valmont B1438 2 Years	Joins 4 1/2" pipe to 6 5/8" pipe. 9" wide, 9 3/4" high.	164.00 77 35	161. 160. 159.
38469 1 EACH	Microflect/Valmont B1439 2 Years	Joins 4 1/2" pipe to 8 5/8" pipe. Approximately 12 3/8" wide, 9 3/4" high	196.00 94 42.72	193. 192. 191.

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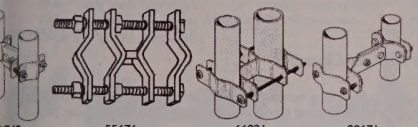
iversal Pipe to Pipe Mounts

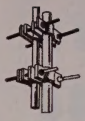


1742 55676 66921 98671

versal clamp set. Mounts antennas with support pipes from 1" to 3-1/2" diameter. Set udes two clamps. Single bolt configuration.

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
00 CH	Antel International MT180 5 Years	Standard mount for the BCR80010:180NE fiberglass antennas for 2 - 6" mounting pipe.	106.00 18.38 8.35	106.00 100.70 97.52
46 CH	Antel International MT90 5 Years	Standard mount for the BCR80010:90 fiberglass antennas for 2 - 6" OD mounting pipe.	106.00 20 9.09	106.00 100.70 97.52
80 CH	Antel International MT80010 5 Years	Standard mount for all BCD fiberglass antennas for 2 - 6" OD mounting pipe. Excludes BCD8243 and BCD 80612.	106.00 21 9.54	106.00 100.70 97.52
77 CH	Sinclair 5 2 Years	Mounts antennas with 1.5" to 3.5" support pipes to structures having 1.5" to 3.5" legs. No center weld section. One piece. 1/2"-13 x 9.5" bolts. Galvanized steel.	38.00 5.5 2.5	31.54 30.02 28.88
42 CH	Sinclair 15 2 Years	Clamp Set. Parallel mounting of two 1.5"-3.5" pipes. Included with the 229, 249, 225M, 320 & 335 series ant. One piece. Bolted center.	50.00 12 5.45	41.50 39.50 38.00
76 CH	Decibel Products DB365-OS 1 Year	For round tower legs 1" to 3-1/2" diameter or 3" x 3" angle legs. Set of 2 Clamps.	59.00 7.5 3.41	44.55 43.66 42.78
21 CH	Sinclair 134 2 Years	Universal clamp set. Allows a 1.5" - 3.5" pipe to be attached to a 3.5" - 6.63" pipe. Single unit. Two or more pieces required for most applications.	124.00 14 6.36	102.92 97.96 94.24
71 CH	Sinclair 125U 2 Years	Attaches one 1.5" - 3.5" OD pipe to another 1.5" to 3.5" pipe at 6" apart. Single unit. Two or more pieces required for most applications.	101.00 15 6.82	83.83 79.79 76.76
59 CH	Microflect/Valmont B1534 1 Year	For round tower legs from 1" to 4.5" OD.	53.00 21 9.54	52.21 51.94 51.68
69 CH	Decibel Products DB365-SP5 1 Year	For round tower legs up to 5" diameter or 3.5" x 3.5" angle legs. Set of 2 Clamps.	92.00 12.81 5.82	69.46 68.08 66.70
62 CH	Decibel Products DB365-SP7 1 Year	For round tower legs up to 7" diameter or 4.9" x 4.9" angle legs. Set of 2 Clamps.	115.00 18.21 8.28	86.83 85.10 83.38
55 CH	Decibel Products DB365-SP9 1 Year	For round tower legs up to 9" diameter or 6.3" x 6.3" angle legs. Set of 2 Clamps.	125.00 19.8 9	94.38 92.50 90.63
06 CH	Decibel Products DB366 1 Year	For round tower legs up to 2-3/4" diameter legs or 2" x 2" angle legs. Set of 3 clamps.	95.00 12 5.45	71.73 70.30 68.88
41 CH	Decibel Products DB370 1 Year	For round tower legs 1" to 3-1/2" diameter or 3" x 3" angle legs. Center straps are not welded. 4 straps per clamp. Set of 2.	59.00 7 3.18	44.55 43.66 42.78

Universal Pipe to Pipe Mounts



10497

The DB5091 utilizes three clamps on a galvanized steel tube t mount DB504K, DB810 and DB812 antennas to round tower members.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
10497 1 EACH	Decibel Products DB5091-3 5 Years	No-Torsion mount for attaching DB810 and DB812 series antennas to 3" OD pipes. Heavy duty, galvanized with square tube for reinforcement.	195.00 30 13.64	147.23 144.30 141.38
99840 1 EACH	RFS Celwave PD46 5 Years	Universal clamp set. Mounts antennas with 1" to 2 3/4" support pipes to structures having 1" to 2 3/4" dia. support pipes. Can also attach to 2" x 2" angle iron. Set of two. Galvanized.	44.00 6.25 2.84	33.88 33.00 32.12
97439 1 EACH	Antenna Specialists ASPR616 1 Year	Antenna clamp set. Two clamps for mounting antenna to mast or tower leg 1" to 2 7/8" in dia. All parts galvanized for long life.	59.00 7 3.18	44.55 43.66 42.78
30095 1 EACH	RFS Celwave PD346 5 Years	Heavy duty universal clamp set. Mounts antennas with 2 3/8" to 4" dia. support pipes to structures having 2 3/8" to 4" dia. support pipes. Can also be used on 3" x 3" angle iron. Set of two.	138.00 16.2 7.36	105.16 103.50 101.43

Dapa Pipe to Pipe Mounts

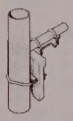
29260

To install the Fix 903/905, orient the antenna so the vent caps are facing down. Attach the fixation to the upper and lower mounting brackets of the antenna

- Parts included for the Fix 903/905:
- Four (4) fixation brackets
- Four (4) threaded rods
- Sixteen (16) stainless steel lock washers
- Sixteen (16) stainless steel nuts
- One (1) mounting tool

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
29260 1 EACH	DAPA FIX 905 2 Years	Pipe mount for 1.66" to 4.5" O.D. support pipes to mount panel antennas Set of 2.	60.00 4 1.82	45.72 45.00 44.10
42474 1 EACH	DAPA FIX 903 2 Years	Pipe mount for 1.25" to 3.5" O.D. support pipes to mount panel antennas Set of 2.	60.00 15 6.82	45.72 45.00 44.10

90 Degree Pipe to Pipe Mount



78886

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
78886 1 EACH	Sinclair 115 2 Years	90 degree pipe to pipe clamp. Intersects a .84" pipe to a .75" to 2.38" pipe Single unit. Two or more required for most applications.	20.00 1 0.45	16.60 15.80 15.20

Vent Mount

55041

Medium duty vent mount. Zinc plated, heavy gauge steel construction. Clear chromate dipped for added protection. Quickly installs on vents or pipes.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
55041 1 EACH	GC/Waldom 8802 1 Year	For use with masts up to 1 3/4" in diameter. For vents 2 - 4" dia. Set of two.	9.95 2.28 1.04	9.16 8.96 8.76

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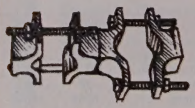
Mounts, Base Antenna

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
86446 1 EACH	GC/Waldom 8803 1 Year	Zinc plated, heavy gauge steel construction. Clear chromate dipped for added protection. Quickly installs on vents or pipes. For use with masts up to1 3/4" in diameter. For vents 4 - 6" dia. Set of two.	11.65 2 0.91	10.69 10.46 10.23

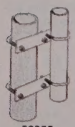
Rotatable Pole to Pipe Mounts



23151

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
85512 1 EACH	Sinclair 130 2 Years	Mounting clamp for securing antenna to tower leg or mast from 7/8" to 2 7/8" dia. Jaws can be rotated 90 degrees to clamp on horizontal mounting bars. Single piece.	39.00 2.62 1.19	32.37 30.81 29.64
23151 1 EACH	Antenna Specialists ASPA320 1 Year	Mounting clamp for securing antenna to wooden pole, tower leg or mast up to 2 3/4" dia. Jaws can be rotated 90 deg. to clamp onto horizontal mounting bars.	39.00 1 0.45	29.45 28.86 28.28

Sinclair Side Mount Clamp



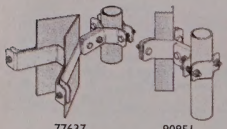
59355

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
59355 1 EACH	Sinclair 135A 2 Years	Allows a 1.5" OD pipe to be attached and held to the side of a .75" to 2.38" pipe. Single unit. Two or more pieces required for most applications.	29.00 3 1.36	24.07 22.91 22.04

SINCLAIR®

Sinclair, manufacturer of high-quality fixed antennas, filters, multicouplers, combiners and antenna systems. A leading provider of antenna mounting equipment and brackets for all types of antennas.

Pipe to Angle Member Clamp

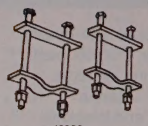


Pipe to angled tower member clamps.

77637 90851

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
77637 1 EACH	Sinclair 111 2 Years	Holds 1.5" to 3.5" OD pipe to a 3.5" to 6" 90 degree angled tower leg. Single piece. Two or more units required for most applications.	74.00 12 5.45	61.42 58.46 56.24
90851 1 EACH	Sinclair 15B 2 Years	Holds 1.5" to 3.5" OD pipe to a 2 to 4" 60 degree angled tower leg. Single piece. Two or more required for most applications.	70.00 12 5.45	58.10 55.30 53.20
26030 1 EACH	Sinclair 113A 2 Years	Holds 1.5" to 3.5" OD pipe to a 4 to 8" 60 degree angled tower leg. Single piece. Two or more units required for most applications.	74.00 13.36 6.07	61.42 58.46 56.24
39244 1 EACH	Sinclair 15C 2 Years	Holds 1.5" to 3.5" OD pipe to a 1.5" to 4" 90 degree angled tower leg. Single piece. Two or more units required for most applications.	73.00 9 4.09	60.59 57.67 55.48

Side Mount Clamps

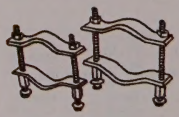


48233

Heavy -Duty Universal Clamp Set. Mounts antennas equipped wi nominal to 2" nominal diameter support pipes on structures havi to 2-3/4" diameter support pipes and angle members 2" X 2".

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
48233 1 EACH	RFS Celwave PD46A 5 Years	Clamp set. Supplied with most side mount kits. Used to clamp support pipe to each of two grounded lower support arms. Set of two. Mounts up to a 2-3/4" pipe.	55.00 6.68 3.04	41 41 40

Panel Antenna Mount Clamps



97016

Mounting hardware for mounting panel antenna to support str tures having diameters from 1-3/4" to 4" OD pipe. Set of two.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
97016 1 EACH	RFS Celwave PD1253 5 Years	Use with PD10054, 10175,10085L, 10177, 10178, 10188, 10189,10197, 10200, 10186,10099, 10055, 10084,10085 and 10176. Set of two.	90.00 1.95 0.89	68 67 66

Cluster Mounts

54955

EMS provides cluster mounts for use with their panel antennas so that two or thre panels can be attached to the same pole. Two brackets supplied for 72" and smaller els, three for panels larger than 72". Fits around poles 3"-6" in diameter.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
23929 1 EACH	EMS Wireless MTG-C00-30 2 Years	For panel antennas more than 72" long. Use with standard panel mounting brackets.	375.00 29 13.18	309 300 294
61073 1 EACH	EMS Wireless MTG-C10-10 2 Years	For panel antennas less than 72" long. Use with 0-10 degree downtilt brackets.	250.00 12 5.45	206 200 196
99466 1 EACH	EMS Wireless MTG-C10-30 2 Years	For panel antennas more than 72" long. Use with 0-10 degree downtilt brackets.	375.00 18 8.18	309 300 294
47859 1 EACH	EMS Wireless MTG-C15-10 2 Years	For panel antennas less than 72" long. Use with 0-15 degree downtilt brackets.	250.00 12 5.45	206 200 196
86252 1 EACH	EMS Wireless MTG-C15-30 2 Years	For panel antennas more than 72" long. Use with 0-15 degree downtilt brackets.	375.00 18 8.18	309 300 294
54955 1 EACH	EMS Wireless MTG-C00-10 2 Years	No downtilt. Bracket spacing 26" for 48" or shorter antennas and 42" spacing for 48"-72" long antennas.	250.00 7 3.18	206 200 196

Mounting Bracket for MP Series Antennas

51592

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
54725 1 EACH	Maxrad, Inc MPAB1 2 Years	Adjustable mounting bracket, interface plate and hardware for 8 dBi MP directional antenna.	39.85 5 2.27	20. 19. 18.
72913 1 EACH	Maxrad, Inc MPAB2 2 Years	Adjustable mounting bracket, interface plate and hardware for 11 dBi MP directional antenna.	39.85 5 2.27	20. 19. 18.

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uing product table (2 of 2)

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
592 CH	Maxrad, Inc MPAB3 2 Years	Adjustable mounting bracket, interface plate and hardware for 13 dBi MP directional antenna.	49.95 5 2.27	25.98 24.23 23.38
EW 189 CH	Maxrad, Inc MPAB4 2 Years	Adjustable mounting bracket, interface plate and hardware for all MP directional antenna.	85.00 5 2.27	44.20 41.23 39.78
EW 396 CH	Maxrad, Inc MPAB11 2 Years	Short adjustable indoor mounting bracket. Can be used outdoors with MP24008XFPT panel.	21.00 5 2.27	10.92 10.18 9.83
EW 394 CH	Maxrad, Inc MPAB12 2 Years	Long adjustable indoor mounting bracket.	22.00 5 2.27	11.44 10.67 10.30

NTURION Panel Mounts

468001 417014 481009

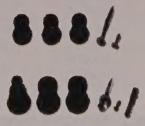
se Mounts are used with the CENTURION wireless antennas to include: The Sphere, Ter-e, & Whisper.

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
007 CH	Centurion CAF95985 1 Year	Xertex 5" Pan tilt mount for all LW antennas.	21.55 1 0.45	12.92 12.27 11.74
001 CH	Centurion CAF94147 1 Year	Pan/Tilt mount for LW 800 Whisper antennas	24.70 1 0.45	19.52 19.27 18.53
014 CH	Centurion CAF95971 1 Year	5" Pan/Tilt mount for the 2.4ghz 9.0dbi whisper antennas	21.55 1 0.45	17.01 16.79 16.14
067 CH	Centurion CAF94148 1 Year	1.5" Indoor metal pan/tilt mount for 2.4ghz 9.0dbi whisper antennas	24.70 1 0.45	19.52 19.27 18.53
009 CH	Centurion CAF94164 1 Year	5" outdoor metal pan/tilt mount for 2.4ghz 9.0dbi whisper antennas	24.70 1 0.45	19.52 19.27 18.53
010 CH	Centurion CAF95980 1 Year	Outdoor wall or pole pan/tilt mounting kit for 2.4ghz whisper antennas	84.65 1 0.45	66.85 66.00 63.46
012 CH	Centurion 4928LW-000 1 Year	5" ABS plastic pan/tilt mount for 800mhz whisper antennas.	21.55 0.5 0.23	17.01 16.79 16.14
012 CH	Centurion CAF94154 1 Year	Ultra-low profile pan/tilt mounting kit for 800mhz whisper antennas.	24.05 1 0.45	19.00 18.76 18.04
096 CH	Centurion CAF94140 1 Year	5" outdoor metal pan/tilt mount for 800mhz 8.5dbi whisper antennas.	24.70 1 0.45	19.52 19.27 18.53

cket Kit for Patch Antennas

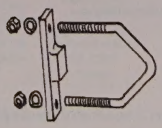
No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
AV 37 CH	ARC Wireless Solutions 106010 1 Year	Mounting Bracket Kit for Arc Wireless 2.45 GHz, 19 dBi Patch Style Antennas. 3 bolt, Bracket Kit, Ball.	14.60 1 0.45	6.75 5.95 5.84

Patch Antenna Mount



Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
21092 1 EACH	ARC Wireless Solutions 201370 1 Year	Pole Mount for Patch Antenna	8.60 0.25 0.11	3.97 3.50 3.43

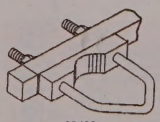
V-Bolts



V-Bolt mounting hardware. Clamp kit includes stainless steel V Bolt, nuts, washers and aluminum or galvanized steel back strap.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 79647 1 EACH	Wireless Solutions VB30 1 Year	Single V Bolt for round members up to 3" dia. or 2.0 x 2.0 angle members. Galvanized backstrap. Two per set.	32.40 3 1.36	25.34 24.89 24.47
63496 1 EACH	Decibel Products 11653 1 Year	Single V Bolt for round members up to 3" dia. or 2.0 x 2.0 angle members. Galvanized backstrap. Two per set.	36.00 2.15 0.98	27.18 26.64 26.10
NEW 26266 1 EACH	Wireless Solutions VB35 1 Year	Single V Bolt for round members up to 3.5" dia or 2.2 x 2.2"angle members. Galvanized backstrap. Two per set.	53.10 3 1.36	41.53 40.79 40.10
NEW 64659 1 EACH	Wireless Solutions VB40 1 Year	Single V Bolt for round members up to 4" dia or 2.8 x 2.8" angle members. Galvanized backstrap. Two per set.	80.10 2.7 1.23	62.64 61.52 60.48
NEW 51445 1 EACH	Wireless Solutions VB50 1 Year	Single V Bolt for round members up to 5" dia or 3.5 x 3.5" angle members. Galvanized backstrap. Two per set.	88.20 2.85 1.3	68.98 67.74 66.60
NEW 25017 1 EACH	Wireless Solutions VB60 1 Year	Single V Bolt for round members up to 6" dia or 4.2 x 4.2" angle members. Galvanized backstrap. Two per set.	94.50 3.14 1.43	73.90 72.58 71.35
NEW 11803 1 EACH	Wireless Solutions VB65 1 Year	Single V Bolt for round members up to 6.5" OD or 4.4 x 4.4" angle members. Galvanized backstrap. Two per set.	94.50 4 1.82	73.90 72.58 71.35
NEW 88589 1 EACH	Wireless Solutions VB70 1 Year	Single V Bolt for round members up to 7" dia or 4.95 x 4.95" angle members. Galvanized backstrap. Two per set.	97.20 3.62 1.65	76.01 74.65 73.39
NEW 75375 1 EACH	Wireless Solutions VB75 1 Year	Single V Bolt for round members up to 7.5" OD or 5.4" x 5.4" angle members. Galvanized backstrap. Two per set.	99.00 4.12 1.87	77.42 76.04 74.75
NEW 62161 1 EACH	Wireless Solutions VB80 1 Year	Single V Bolt for round members up to 8" dia or 5.5 x 5.5" angle members. Galvanized backstrap. Two per set.	99.00 4.5 2.05	77.42 76.04 74.75

V Bolts



85498

Solid, extruded aluminum mounting clamp with stepped grabs for superior grip. Stainless steel V-bolt and hardware included.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
43264 1 EACH	Astron Wireless Tech. VBK-1 2 Years	Single V Bolt for 1-1/4" to 1 5/8" round members.	10.00 1 0.45	9.00 8.50 8.20
30050 1 EACH	Astron Wireless Tech. VBK-2 2 Years	Single V Bolt for 1-1/4" to 2 1/16" round members.	11.00 0.5 0.23	9.90 9.35 9.02
85498 1 EACH	Astron Wireless Tech. VBK-3 2 Years	Single V Bolt for 1-1/2" to 2 1/2" round members.	12.00 0.75 0.34	10.80 10.20 9.84

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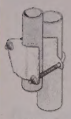
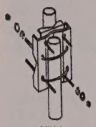
Sinclair Pipe Mount Clamp



28528

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
28528 1 EACH	Sinclair 117 2 Years	Universal clamp set. Allows a 1.9" pipe to be attached to a 1.5" to 2.38" pipe. Single unit. Two or more required for most installations.	29.00 8 3.64	24.07 22.91 22.04

Medium Duty Pole Mount



18710

Mounting kit for bottom dipole fiberglass base station antennas.

• For mounting on masts of up to a 2" maximum diamter

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
18710 1 EACH	Maxrad, Inc MYK4 1 Year	Medium duty pole mount kit. Consists of small & large brackets, 2 U-bolts, nuts and washers. For attaching to 1" to 2" pipes.	42.80 1.08 0.49	21.83 20.98 20.12

Light Duty Pole Mount

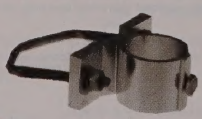
68869

For mounting a 1-5/16" outer diameter antenna to a 1-1/4" maximum outer diameter mast

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
68869 1 EACH	Maxrad, Inc MMK1 2 Years	Light duty pole mount. Consists of a single U-bolt, (3) backing plates, nuts and washers. For use with 1 1/4" masts.	9.70 0.47 0.21	5.03 4.69 4.53

Antenex Antenna Mount

39597



69293

The Freedom mount series features stainless steel hardware for all products. Versatility is one of the most desired features of any antenna mount, and the FM2 has exactly that. From parapet walls to mast mounts this extruded aluminum workhorse does it all!

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
39597 1 EACH	Antenex YM78 1 Year	7/8" Boom Mounting Kit. Used to convert 7/8" boom yagis to mount.	13.80 0.75 0.34	7.18 6.90 6.63
65724 1 EACH	Antenex FM1 2 Years	Mounting kit for fiberglass base antennas. Light duty stainless steel u-bolts for 1" to 1-7/8" diameter pipe. Includes one u-bolt only.	10.00 0.5 0.23	5.76 4.79 4.48
69293 1 EACH	Antenex FM2 2 Years	Mounting kit for fiberglass base antennas. Diecast aluminum with stainless steel brackets (2). Includes U-bolts and mounting plate. Will handle mast from 2" to 2.5" diameter.	38.00 0.7 0.32	21.89 18.21 17.03

Yagi Antenna Mount

26306

For mounting a 7/8" diameter yagi with predrilled holes to a 1 5/8" ma mum diameter mast

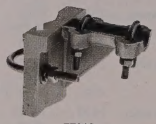
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
26306 1 EACH	Maxrad, Inc MYK11 2 Years	Heavy duty solid cast aluminum Yagi antenna mount. For Maxrad 7/8" antennas with pre-drilled holes. For masts up to 1 5/8" in dia. Stainless steel hardware. Upgrades the standard MYK-1 mount	13.50 0.5 0.23	6.6 6.6 6.3

Comtelco Antenna Mounts

63322

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW 63322 1 EACH	Comtelco BSMNT2 1 Year	Mounting Clamps for the BS-800-XL series Comtelco Antennas	42.50 2 0.91	21 20 20

Heavy Duty Yagi Mount

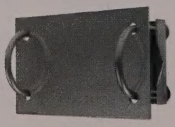


77913

Heavy duty sand cast aluminum Yagi bracket.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
77913 1 EACH	Maxrad, Inc MYK10 2 Years	Mount for all 7/8" diameter Yagi antenna. Adjusts for vertical or horizontal polarization. Fits masts up to 2" in diameter. Stainless steel hardware.	39.95 1.07 0.49	20 19 18
NEW 498326 1 EACH	Maxrad, Inc MYK14 2 Years	Mount for all 7/8" diameter Yagi antenna. Adjusts for vertical or horizontal polarization. Fits masts up to 3" in diameter. Stainless steel hardware.	32.90 1.5 0.68	17 15 15

Adjustable Yagi Mounts



Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
39777 1 EACH	Maxrad, Inc MYK24 2 Years	Standard mounting kit for yagi antenna. Clamps to a vartical mast up to 1-5/8" OD.	41.80 4 1.82	21 20 19
26563 1 EACH	Maxrad, Inc MYK26 2 Years	Adjustable yagi mounting kit. Clamps to a vertical mast up to 1-1/2" OD.	105.10 2 0.91	53 51 49

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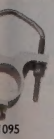
XF Series Antenna Mount

411108

Maxrad antenna mounts for MPXF series antennas.

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 08 CH	Maxrad, Inc MPAB7 2 Years	Provides +/- 35 deg uptilt/ downtilt. If used with MP24018XPFT provides +/- 18 deg uptilt/ downtilt.	37.00 5 2.27	18.87 18.13 17.39
W 03 CH	Maxrad, Inc MPAB8 2 Years	Provides +/- 17 deg uptilt/ downtilt. If used with MP24018XPFT provides +/- 9deg uptilt/ downtilt.	37.00 5 2.27	18.87 18.13 17.39
W 88 CH	Maxrad, Inc MPAB10 2 Years	Provides +/- 20 deg uptilt/ downtilt and +/- 90 deg polarity.	59.95 5 2.27	30.58 29.38 28.18

B Series Antenna Mounts



095

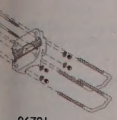
Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
95 CH	Maxrad, Inc MMK8 2 Years	Mounting Bracket for mounting a 1-1/4" diameter antenna to a 2" diameter mast, MFB Series antenna's with a PVC based housing..	17.35 1 0.45	9.03 8.42 8.12
W 20 CH	Maxrad, Inc MMK9 2 Years	Mounting Bracket for mounting a 1-3/4" diameter antenna to a 2" diameter mast, MFB Series antenna's with an alumium based housing.	17.35 1 0.45	9.03 8.42 8.12
04 CH	Maxrad, Inc MMK11 2 Years	Ceiling mount bracket for 2.4GHz MFB series omnidirectional base station antennas.	11.60 1 0.45	6.04 5.63 5.43

racket Mounts

L Bracket mounts for various Maxrad antennas. All brackets are constructed of stainless steel.

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
52 CH	Maxrad, Inc MMK2 2 Years	L Bracket for mounting an antenna with a base connector to a 2" maximum diameter mast. Bracket is 9" long with a 5/8" diameter hole.	9.95 0.56 0.25	5.08 4.88 4.68
15 CH	Maxrad, Inc MMK1924 2 Years	L Bracket for mounting MFB19008A to a 2" maximum diameter mast. Bracket is 6" long with a 5/8" diameter hole.	13.15 0.35 0.16	6.83 6.37 6.15

la Mounting Clamps



96781

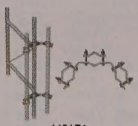
ing product table (1 of 2)

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
2 H	Scala Electronic Corp. MKPS-1 5 Years	Scala mounting clamps for directional yagi antenna. Fits a 2.375" OD mast.	54.00 3.02 1.37	54.00 54.00 54.00

Continuing product table (2 of 2)

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
96781 1 EACH	Scala Electronic Corp. MKPX-2 5 Years	Scala mounting clamps for "Paraflector" and "Microflector" Antennas. Fits a 2.375" OD mast.	25.00 2 0.91	25.00 25.00 25.00

Double Antenna Clamp



445176

The Double Antenna Clamp is a unique antenna mounting bracket which allows two sector antennas to be accommodated by a single support pipe. This design makes the Double Antenna Clamp ideal for supporting panel antennas at the end of stand-off brackets in six-antenna wireless systems.

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
445176 1 EACH	Wireless Solutions DA-C200 3 Years	Double Antenna Clamp for Panel antennas	85.00 23 10.45	83.30 82.45 81.60

Wireless Solutions Crossover Plates

63379

Wireless Solutions Crossover Plates are versatile brackets allowing two pipes to be secured together at right angles. U-Bolt style utilizes U-bolts to hold both pipes firmly in place, and are included in each kit. The Clamp Style features adjustable clamps which provide the versatility to accommodate a wide range of pipe sizes. Crossover Plates are hot-dip galvanized to ensure long-term reliability even in extreme environments.

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
472151 1 EACH	Wireless Solutions CO-100 3 Years	Crossover Plate for 1-1/2" OD to 3-1/2" OD round members. Clamp style.	51.00 16 7.27	49.98 49.47 48.96
49055 1 EACH	Wireless Solutions CO-200 3 Years	Crossover Plate for 2" OD to 5" OD round members. Clamp style.	80.00 29 13.18	78.40 77.60 76.80
32144 1 EACH	Wireless Solutions CO-400 3 Years	Crossover Plate for 2" to 5" OD to 4" to 9" OD round members. Clamp style.	85.00 29 13.18	83.30 82.45 81.60
61664 1 EACH	Wireless Solutions XP-2020 3 Years	Crossover Plate, 2-3/8" OD to 2-3/8" OD. U-Bolt style.	30.00 8.9 4.05	29.40 29.10 28.80
63379 1 EACH	Wireless Solutions XP-2040 3 Years	Crossover Plate, 2-3/8" OD to 4-1/2" OD. U-Bolt style.	37.50 11.6 5.27	36.75 36.38 36.00

Crossover Clamps

469179

Crossover Clamps create a right angle connection between 2 pipes. Typical used in the mounting of omni and directional antennas on latice towers, water towers and other support structures. This clamp consists of 1/2" thick pipe clamps with a welded middle joint. Manufactured from hot dipped galvanized steel.

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 469179 2 PACK	Wireless Solutions CC-200 3 Years	Joins two 1-1/2" to 2-1/2" OD round members. Kit of 2.	54.50 12 5.45	53.41 52.87 52.32
NEW 476161 1 EACH	Wireless Solutions CC-100-6 3 Years	Joins two 2-1/2" to 3-1/2" OD round members. Sold individually.	30.00 6 2.73	29.40 29.10 28.80
NEW 421172 1 EACH	Wireless Solutions CC-215-6 3 Years	Joins two 2-1/2" to 3-1/2" OD pipe to 2-3/8" to 5" OD pipe. Sold individually.	43.50 9 4.09	42.63 42.20 41.76

= New Listing. Pricing for reference only.
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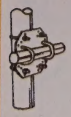
Crossover Clamp



80254

Universal Crossover Clamp Assembly. The hexagonal baseplate is 1/4" thick aluminum measuring 5-1/4" across the flats. This assembly is furnished with all required U-bolts for securing any combination of two intersecting pipes of the following sizes: 1-5/16" OD, 1-15/16" & 2-3/8" OD.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
80254 1 EACH	RFS Celwave PD237 5 Years	Used for securing any of the following combinations of intersecting pipes: 1 5/16", 1 15/16" and 2 3/8". Galvanized nuts and U-bolts only.	40.00 2.2 1	30.48 30.00 29.40
15314 1 EACH	Sinclair 120 2 Years	Intersects one .75" to 2.38" pipe to another .75"to 2.38" pipe. Single piece. Includes U-bolts.	23.00 2.8 1.27	19.09 18.17 17.48
79132 1 EACH	RFS Celwave PD10087 5 Years	Mounts 2-3/8" dia. pipe to tower structures with 3, 4 or 5 inch diameters. Furnished with all required U-bolts. Large.	270.00 18.59 8.45	205.74 202.50 198.45

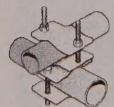
DB Crossover Clamp

54427

This Universal Mounting Clamp is used to mount horizontal members to vertical round members from 1.25" to 3" each piece. Set of two.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
54427 2 EACH	Decibel Products DB375 1 Year	Used to mount horizontal members to vertical members. Members can be up to 3" in diameter. Set of two.	90.00 8 3.64	67.95 66.60 65.25
81948 1 EACH	Decibel Products DB375-SP5 1 Year	Used to mount horizontal members to vertical members. Members can be up to 5" in diameter. Set of two.	125.00 26.55 12.07	94.38 92.50 90.63

Sinclair Crossover Clamp



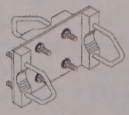
53707

90 degree pipe to pipe clamp.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
53707 1 EACH	Sinclair 17S 2 Years	Intersects a .75" to 1.5" pipe to a 1.5" to 3.5" pipe. Single unit. Two or more required for most applications.	42.00 2.3 1.05	34.86 33.18 31.92
92100 1 EACH	Sinclair 17 2 Years	Intersects a 1.5" to 3.5" pipe to a 1.5" to 3.5" pipe. Single unit. Two or more required for most applications.	42.00 2.3 1.05	34.86 33.18 31.92
40493 1 EACH	Sinclair 33 2 Years	Intersects a 1.5" to 3.5" pipe to a 4.0" to 5.56" pipe. Single unit. Two or more required for most applications.	77.00 7 3.18	63.91 60.83 58.52

Crossover Assembly

45832



59247

75275

Crossover Assembly using a flat plate and U-bolts to hold pipes in place.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
45832 1 EACH	Antenna Specialists ASP617 1 Year	Combines two intersecting pipes from 1" - 2 7/8" OD. Accomodates up to 4" dia. tower legs with up to a 2 7/8" dia. intersecting cross pipe.	39.00 5.5 2.5	29.45 28.86 28.28

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
59247 1 EACH	Astron Wireless Tech. CBC-2 2 Years	Crossover assembly made of solid extruded aluminum with V-bolts that will accommodate 1.25" to 2" OD pipes.	70.00 3 1.36	63 59 57
75275 1 EACH	Rohn Tower TB5125BA 1 Year	Double bend U-bolt assembly. Acts like a crossover. Use with two sections of 1 1/4" tubing.	2.40 0.54 0.25	1 1 1

Sandwich Clamp Sets

495110

Sandwich Clamp Sets are a versatile clamp commonly used as pipe collars to preve vertical slippage of antenna mounting components. These clamps accommodate 1- to 3-1/2" OD pipe. The standard version features 1/4" thick clamps while the heavy duty version utilizes 1/2" thick clamp plates. Hot dipped galvanized construction.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 495110 2 PACK	Wireless Solutions BC-05 3 Years	Sandwich Clamp Set	20.00 4 1.82	19 19 19
NEW 93108 2 PACK	Wireless Solutions BC-10 3 Years	Heavy Duty Sandwich Clamp Set	25.00 6 2.73	24 24 24

Straight Bar Adapters

433198

Straight Bar Adapters are flat bars which may be combined wit clamp halves and associated hardware to accommodate smalle pipes and support members. Hot dipped galvanized.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 433198 2 PACK	Wireless Solutions BC-01 3 Years	1-1/2" x 5-7/8" x 1/4". 9/16" holes with 4-1/8" spacing	8.25 2 0.91	8. 8. 7.
NEW 473158 2 PACK	Wireless Solutions DC-F02 3 Years	2" x 8" x 1/2". 11/16" holes with 6" spacing.	12.80 4 1.82	12 12 12
NEW 467102 2 PACK	Wireless Solutions MC-F03 3 Years	2" x 11-1/2" x 1/2". 11/16" holes with 9-1/2" spacing	18.50 7 3.18	18 17 17

Side Mount Stand-Offs

46033

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
46033 1 EACH	Astron Wireless Tech. MMK-1 2 Years	"Multi-Mount" dual stand-off kit. Includes two 6' x 1" square aluminum booms & stainless steel hardware. For use with Rohn 25G tower sections.	160.00 20 9.09	14 13 13
84426 1 EACH	Astron Wireless Tech. MMK-2 2 Years	"Multi-Mount" dual stand-off kit. Includes two 6' x 1" square aluminum booms & stainless steel hardware. For use with Rohn 45G tower sections.	160.00 20 9.09	14 13 13

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f Arm Mounts

414179

491196

Stiff Arm Mounts facilitate attachment of stiff arms to tower members or other support surfaces. Features versatile clamps which accept 1-1/2" - 3-1/2" OD stiff arms. Mount with Angle Tab features a pivoting angle bracket for attachment to walls or angle adaptors. Hot dipped galvanized.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
V 79 CH	Wireless Solutions SA-MK 3 Years	Stiff Arm Mount	17.00 3 1.36	16.66 16.49 16.32
V 96 CH	Wireless Solutions SA-MAT 3 Years	Stiff Arm Mount with Angle Tab	23.00 4 1.82	22.54 22.31 22.08

mp Half

425076

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
76 CH	Wireless Solutions AC-P716 3 Years	1-1/2" x 5-7/8" x 1/4" with 7/16" holes with 4-1/8" spacing.	3.50 2 0.91	3.43 3.40 3.36
V 39 CH	Wireless Solutions SC-P10 3 Years	1-1/2" x 5-7/8" x 1/2" with 9/16" holes with 4-1/8" spacing.	5.50 4 1.82	5.39 5.34 5.28
V 20 CH	Wireless Solutions DC-P10 3 Years	2" x 8" x 1/2" with 11/16" holes with 6" spacing.	7.75 4 1.82	7.60 7.52 7.44

Pipe Mount Kits and Adapters [341-60]

If you are buying these, you may need:

Wrenches. . . . . page 1581

e Mount Kits

5183

Pipe Mount Kits are used for mounting antennas to pipe frames. Kits for mounting to a 3-1/2" horizontal pipe include one pipe and one crossover plate. Kits for mounting to a 2-3/8" horizontal pipe include one pipe and two crossover plates.

ing product table (1 of 2)

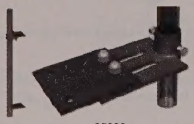
o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
3 H	Wireless Solutions MT-186-63 3 Years	2 3/8" OD x 63" Pipe Mount Kit for mounting to 2-3/8" pipe	87.00 41 18.63	85.26 84.39 83.52
9 H	Wireless Solutions MT-186-72 3 Years	2 3/8"OD x 72" Pipe Mount Kit for mounting to 2-3/8" pipe	91.50 41 18.63	89.67 88.76 87.84
59 H	Wireless Solutions MT-186-96 3 Years	2 3/8"OD x 96" Pipe Mount Kit for mounting to 2-3/8" pipe	96.00 49 22.27	94.08 93.12 92.16
83 H	Wireless Solutions MT-186-114 3 Years	2 3/8"OD x 114" Pipe Mount Kit for mounting to 2-3/8" pipe	98.70 60 27.27	96.73 95.74 94.76
8 H	Wireless Solutions MT-219 3 Years	2-3/8" OD x 48" Pipe Mount Kit for mounting to 3-1/2" pipe	72.50 20 9.09	71.05 70.33 69.60
8 H	Wireless Solutions MT-219-63 3 Years	2-3/8" OD x 63" Pipe Mount Kit for mounting to 3-1/2" pipe	77.00 28.6 13	75.46 74.69 73.92
1 H	Wireless Solutions MT-219-72 3 Years	2-3/8" OD x 72" Pipe Mount Kit for mounting to 3-1/2" pipe	81.50 29.3 13.32	79.87 79.06 78.24

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 465147 1 EACH	Wireless Solutions MT-219-84 3 Years	2-3/8" OD x 84" Pipe Mount Kit for mounting to 3-1/2" pipe	83.75 31 14.09	82.08 81.24 80.40
43781 1 EACH	Wireless Solutions MT-220 3 Years	2-3/8" OD x 96" Pipe Mount Kit for mounting to 3-1/2" pipe	86.00 38 17.27	84.28 83.42 82.56
451161 1 EACH	Wireless Solutions MT-220-108 3 Years	2-3/8" OD x 108" Pipe Mount Kit for mounting to 3-1/2" pipe	87.80 35 15.91	86.05 85.17 84.29

Standard Pipe Mount

53879



25223

81826

Pipe mounts are designed as a vertical mount for antennas. Use with round or angle leg saddle mounts. Standard mounts are designed for straight legs & tapered mounts are designed for legs tapered 3/4" every foot. Hot-dip galvanized construction. Standard hardware included.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
29495 1 EACH	Wireless Solutions MT-399 3 Years	Standard pipe mount, 2-3/8"OD x 36" long.	50.00 18 8.18	49.00 48.50 48.00
NEW 32717 1 EACH	Wireless Solutions MT-401-84 3 Years	Standard pipe mount, 2-3/8"OD x 84" long.	65.00 31.5 14.32	63.70 63.05 62.40
NEW 49678 1 EACH	Wireless Solutions MT-401 3 Years	Standard pipe mount, 2-3/8"OD x 48" long.	55.00 21.5 9.77	53.90 53.35 52.80
53879 1 EACH	Wireless Solutions MT-395 3 Years	Standard pipe mount, 4.5" OD x 63" long.	85.00 54 24.54	83.30 82.45 81.60
65390 1 EACH	Wireless Solutions MT-399-24 3 Years	Standard pipe mount, 2-3/8"OD x 24" long.	45.00 16 7.27	44.10 43.65 43.20
NEW 98787 1 EACH	Wireless Solutions MT-401-72 3 Years	Standard pipe mount,2-3/8"OD x 72" long.	65.00 28 12.73	63.70 63.05 62.40
69215 1 EACH	Wireless Solutions MT-401-63 3 Years	Joins 2 7/8" pipe to 4" pipe. 6 3/8" wide, 10 1/8" high.	60.00 40 18.18	58.80 58.20 57.60
12534 1 EACH	Wireless Solutions MT-400 3 Years	Tapered pipe mount, 2-3/8" OD x 36" long.	55.00 20 9.09	53.90 53.35 52.80
15756 1 EACH	Wireless Solutions MT-F1225 3 Years	Adjustable Pipe Mount, 4-1/2" OD x 120" long.	170.00 129 58.63	166.60 164.90 163.20
NEW 18254 1 EACH	Wireless Solutions MT-402-63 1 Year	2-3/8"OD x 63" long pipe mount. Use with pipe or angle leg saddle mounts. For tapered tower legs.	65.00 27 12.27	63.70 63.05 62.40
25223 1 EACH	Wireless Solutions MT-1222 3 Years	Adjustable Pipe Mount, 2-3/8"OD x 96" long.	145.00 48 21.82	142.10 140.65 139.20
51287 1 EACH	Wireless Solutions MT-402 3 Years	Tapered pipe mount, 2-3/8"OD x 48" long.	60.00 22 10	58.80 58.20 57.60
53038 1 EACH	Wireless Solutions MT-1223 3 Years	Universal Adjustable Tapered Pipe Mount Adaptors, 2-3/8" OD pipe not included. Kit of two.	95.00 23 10.45	93.10 92.15 91.20
68612 1 EACH	Wireless Solutions MT-F1224 3 Years	Adjustable Pipe Mount, 4-1/2" OD x 80" long.	130.00 93 42.27	127.40 126.10 124.80
NEW 71601 1 EACH	Wireless Solutions MT-401-96 3 Years	Standard pipe mount, 2-3/8"OD x 96" long.	70.00 40 18.18	68.60 67.90 67.20
75311 1 EACH	Wireless Solutions MT-397 3 Years	Tapered pipe mount, 4.5" OD x 63" long.	110.00 54 24.54	107.80 106.70 105.60
78079 1 EACH	Wireless Solutions MT-F1226-96 3 Years	Adjustable Pipe Mount, 2-3/8"OD x 96" long.	125.00 60 27.27	122.50 121.25 120.00
79328 1 EACH	Wireless Solutions MT-F1226-63 3 Years	Adjustable Pipe Mount, 2-3/8"OD x 80" long.	105.00 45 20.45	102.90 101.85 100.80
NEW 81826 1 EACH	Wireless Solutions MT-402-84 3 Years	Tapered pipe mount, 2-3/8"OD x 84" long.	90.95 33 15	89.10 88.19 87.28

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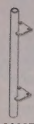
Antenna to Tower Leg Pipe Mount



30087

Provides vertical mounting for antennas on straight or tapered tower legs. Must be used in conjunction with either angle leg clamp kit or with pipe leg clamp kit. Overall length is 60" with 36" spacing between mounting tabs.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
79196 1 EACH	Microflect/Valmont B1161 2 Years	2 3/8" O.D. pipe size for use on straight, vertical tower legs.	62.00 40 18.18	61.07 60.76 60.45
27589 1 EACH	Microflect/Valmont B1162 2 Years	2 3/8" O.D. pipe size for use on tapered tower legs with a 12:1 slope ratio.	62.00 40 18.18	61.07 60.76 60.45
65982 1 EACH	Microflect/Valmont B1163 2 Years	2 3/8" O.D. pipe size for use on tapered tower legs with a 16:1 slope ratio.	62.00 40 18.18	61.07 60.76 60.45
14375 1 EACH	Microflect/Valmont B1164 2 Years	2 3/8" O.D. pipe size for use on tapered tower legs with a 20:1 slope ratio.	62.00 40 18.18	61.07 60.76 60.45
30087 1 EACH	Microflect/Valmont B965 2 Years	4 1/2" O.D. pipe size for use on straight, vertical tower legs.	85.00 54 24.54	83.73 83.30 82.88
54017 1 EACH	Microflect/Valmont B966 2 Years	4 1/2" O.D. pipe size for use on tapered tower legs with a 12:1 slope ratio.	85.00 54 24.54	83.73 83.30 82.88
92410 1 EACH	Microflect/Valmont B967 2 Years	4 1/2" O.D. pipe size for use on tapered tower legs with a 16:1 slope ratio.	85.00 54 24.54	83.73 83.30 82.88
40803 1 EACH	Microflect/Valmont B968 2 Years	4 1/2" O.D. pipe size for use on tapered tower legs with a 20:1 slope ratio.	85.00 54 24.54	83.73 83.30 82.88

Universal Adjustable Tapered Pipe Mount

479146

The Universal Adjustable Tapered Pipe Mount can accommodate virtually any mounting application. Consists of 4-1/2" OD x 5' pipe mount with top and bottom pivots and upper pre-punched adjustment support braces which enables mount to accommodate either straight or tapered legs and adjust to a vertical downtilt up to 20 Degrees. Secured with six 5/8" x 1-3/4" bolts. Hot dipped galvanized construction. In order to accommodate specific application requirements Saddle Mounts are ordered separate.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 479146 1 EACH	Wireless Solutions PM-AT412-60 3 Years	4-1/2" x 60" Universal Adjustable Tapered Pipe Mount.	285.00 125 56.81	279.30 276.45 273.60

Pipe Mount with Adjustable Clamp

52768

Provides vertical mounting for antennas on straight tower legs. Must be used in conjunction with either angle leg clamp kit or with pipe leg clamp kit. Adjustable spacing between mounting tabs.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
52768 1 EACH	Microflect/Valmont B1224 2 Years	4 1/2" O.D. pipe size and 80" in overall length. Purchase clamp kit separately.	128.00 93 42.27	126.08 125.44 124.80
91161 1 EACH	Microflect/Valmont B1225 2 Years	4 1/2" O.D. pipe size and 10' in overall length. Purchase clamp kit separately.	164.00 130 59.08	161.54 160.72 159.90
471030 1 EACH	Microflect/Valmont B1925 2 Years	4 1/2" O.D. pipe size and 14' in overall length. Purchase clamp kit separately.	225.00 238 108.17	221.63 220.50 219.38

Dish Leg Mount Kit

15390

The Dish Leg mount is designed to mount microwave dish antennas to round tow members. The kit comes complete with adjustable clamps that can accommodate 2 to 5"OD round members. Made of hot-dipped galvanized steel.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
15390 1 EACH	Wireless Solutions DM-400 3 Years	4 1/2"OD x 63" dish leg mount for vertical tower legs.	215.00 87 39.54	21 20 20

Adjustable Slope Pipe Mount.

Pipe Mount provides a 4.5" OD x 5' long pipe that moun 4-leg angle towers. Two models are avaliable to fit legs 2 2.5" to 6" x 6" and 8" x 8". The mounts are adjustable to accommodate leg slopes from 0 to 19.5 degrees. Hot di galvanized after fabrication.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 415192 1 EACH	Microflect/Valmont B2990 2 Years	Adjustable Slope Pipe Mount for pipe leg or angle towers.	365.00 170 77.26	35 35 35
79307 1 EACH	Microflect/Valmont B2183 2 Years	Adjustable Slope Pipe Mount for pipe leg towers.	260.00 125 56.81	25 25 25
60243 1 EACH	Microflect/Valmont 99296 2 Years	Adjustable Slope Mount for 8" x 8" angle legs.	305.00 170 77.26	30 29 29

Tapered Pipe Mount Kits

14146

Heavy Duty Tapered Mount Kit designed to secure frames or microwave dish ante to tapered tower support members. The slotted design provides the adjustability i essary to accommodate vertical and tapered members with up to a 1:20 taper. Ho dipped galvanized construction.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
14146 1 EACH	Wireless Solutions SM-ADP-2 3 Years	Tapered Pipe Mount Kit, 4 1/2" x 66" for 2" to 5" OD legs.	378.00 122 55.45	37 36 36
418049 1 EACH	Wireless Solutions SM-ADP-4 3 Years	Tapered Pipe Mount Kit, 4 1/2" x 66" for 4" to 8" OD legs.	385.00 125 56.81	37 37 36

Universal Adjustable Slope Pipe Mount

88183

Adjustable Slope Wireless Mount provides a 4-1/2" OD x 60" long pipe that moun 3-leg angle towers with leg dimensions of 2.5" x 2.5" to 6" x 6". The mounts are a able for leg slopes of 3-10 degrees. Materials are hot-dipped galvanized.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 88183 1 EACH	Microflect/Valmont B2045 2 Years	Adjustable Slope Wireless Mount for 3 leg tower.	195.00 73 33.18	19 19 19

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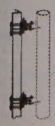
enna Mount For Sloped Legs

Small antenna leg mount for 5 9/16" OD vertical or sloped legs. Antenna mounts to a 36" long, 2 3/8" OD pipe held to the tower. Hot-dipped galvanized.

lo. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
34 CH	Microflect/Valmont B1484 2 Years	Antenna Pipe Mount for Sloped Legs.	110.00 41 18.63	108.35 107.80 107.25

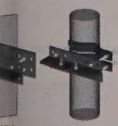
mp Kit for Angle Tower Legs



To be used with the antenna to tower leg pipe mounts to secure to angled tower member. Kit includes two leg clamps and all necessary attaching hardware for the pipe mount.

lo. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Y 34 CH	Microflect/Valmont B3114 2 Years	For use with 1-3/4 to 8-5/8" round or 2 1/2 to 6" angle tower legs. Universal.	150.00 28 12.73	147.75 147.00 146.25
7 CK	Microflect/Valmont B973 2 Years	For use with 8" x 8" four leg towers.	154.00 36 16.36	151.69 150.92 150.15
2 CK	Microflect/Valmont B1107 2 Years	For use with 8" x 8" three leg towers.	138.00 36 16.36	135.93 135.24 134.55

versal Saddle Mounts



179 494161

Universal Saddle Mounts feature a unique design that allows one kit to be used for attaching pipe mounts to round or angle tower members. Includes 5/8" hardware for assembly and pipe mount attachment. All componets are hot dipped galvanized. Kits of 2.

lo. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
79 CH	Wireless Solutions SM-UA2080 3 Years	Universal Saddle Mount for 2" to 8" Angle Legs.	125.00 30 13.64	122.50 121.25 120.00
68 CH	Wireless Solutions SM-U2080 3 Years	Universal Saddle Mount for 2" to 8" Angle and Round Legs.	150.00 78 35.45	147.00 145.50 144.00
61 CH	Wireless Solutions SM-UR2080 3 Years	Universal Saddle Mount for 2" to 8" Round Legs.	125.00 30 13.64	122.50 121.25 120.00

e to Pipe Saddle Mounts

Pipe to pipe saddle mounts allow two pipes to be connected back to back, providing an alternative to using pipe mounts and pipe leg saddle mounts. Includes U-Bolts in each kit.

4

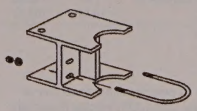
ing product table (1 of 2)

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
4 H	Wireless Solutions MT-404 3 Years	2-3/8" OD to 2-3/8" OD	120.00 22 10	117.60 116.40 115.20
0 H	Wireless Solutions MF-988 3 Years	2-3/8" OD to 2-7/8" OD	120.00 22 10	117.60 116.40 115.20
3 H	Wireless Solutions MF-981 3 Years	2-3/8" OD to 4-1/2" OD	130.00 29 13.18	127.40 126.10 124.80

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
48789 1 EACH	Wireless Solutions MF-979 3 Years	3-1/2" OD to 4-1/2" OD	145.00 30 13.64	142.10 140.65 139.20
35575 1 EACH	Wireless Solutions MF-977 3 Years	4-1/2" OD to 4-1/2" OD.	160.00 33 15	156.80 155.20 153.60
60754 1 EACH	Wireless Solutions MF-974 3 Years	4-1/2" OD to 8-5/8" OD.	195.00 43 19.54	191.10 189.15 187.20

Pipe Leg Clamp Kit



50270

To be used with the antenna to tower leg pipe mounts to secure to round tower member. Kit includes two flange units, four U-bolt assemblies and attaching hardware for the pipe mount.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
19233 1 EACH	Wireless Solutions MT-406 3 Years	For use with 2" tower legs.	85.00 20 9.09	83.30 82.45 81.60
57626 1 EACH	Wireless Solutions MT-407 3 Years	For use with 2 3/8" tower legs.	85.00 20 9.09	83.30 82.45 81.60
50270 1 EACH	Microflect/Valmont B1153 2 Years	For use with 2 3/8" tower legs.	90.00 30 13.64	88.65 88.20 87.75
96019 1 EACH	Wireless Solutions MT-408 3 Years	For use with 2 7/8" tower legs.	95.00 20 9.09	93.10 92.15 91.20
88663 1 EACH	Microflect/Valmont B1154 2 Years	For use with 2 7/8" tower legs.	95.00 31 14.09	93.58 93.10 92.63
44412 1 EACH	Wireless Solutions MT-409 3 Years	For use with 3 1/2" tower legs.	105.00 20 9.09	102.90 101.85 100.80
37056 1 EACH	Microflect/Valmont B1155 2 Years	For use with 3 1/2" tower legs.	100.00 31 14.09	98.50 98.00 97.50
82805 1 EACH	Wireless Solutions MT-410 3 Years	For use with 4" tower legs.	110.00 20 9.09	107.80 106.70 105.60
75449 1 EACH	Microflect/Valmont B1156 2 Years	For use with 4" tower legs.	105.00 31 14.09	103.43 102.90 102.38
31198 1 EACH	Wireless Solutions MT-411 3 Years	For use with 4 1/2" tower legs.	110.00 20 9.09	107.80 106.70 105.60
23842 1 EACH	Microflect/Valmont B1157 2 Years	For use with 4 1/2" tower legs.	110.00 31 14.09	108.35 107.80 107.25
41914 1 EACH	Wireless Solutions MT-412 3 Years	For use with 5 9/16" tower leg.	120.00 31 14.09	117.60 116.40 115.20
62235 1 EACH	Microflect/Valmont B1158 2 Years	For use with 5 9/16" tower legs.	115.00 33 15	113.28 112.70 112.13
10628 1 EACH	Microflect/Valmont B1159 2 Years	For use with 6 5/8" tower legs.	120.00 37 16.82	118.20 117.60 117.00
49021 1 EACH	Microflect/Valmont B1160 2 Years	For use with 8 5/8" tower legs.	124.00 40 18.18	122.14 121.52 120.90
415088 1 EACH	Wireless Solutions MT-414 3 Years	For use with 8 5/8" tower legs.	140.00 41.8 19	137.20 135.80 134.40
455063 1 EACH	Wireless Solutions MT-415 3 Years	For use with 10 3/4" tower legs.	150.00 41.8 19	147.00 145.50 144.00

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DB833/834 Pipe Mount Kit

74085

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
74085 1 EACH	Decibel Products DB5080 1 Year	Pipe mount kit. Secures DB833 and DB834 antennas to round members or pipe up to 2.75" in diameter or angle members up to 1.94".	136.00 10 4.54	103.77 102.00 101.32

Saddle Mount Adapter

37548

The Saddle Mount Adaptor Bracket attaches to pipe leg saddle mounts or angle leg saddle mounts, enabling the Universal Stand-Off Bracket Assembly to be attached to large diameter round or angle tower members.

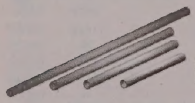
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37548 1 EACH	Wireless Solutions MT-623 3 Years	Attaches to pipe leg or angle leg saddle mounts, enabling the universal stand-off bracket mount to be attached to large diameter round or angle tower members.	55.00 11 5	53.90 53.35 52.80

Pipe and Antenna Mast [341-70]

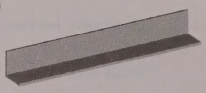
If you are buying this, you may need:

Saws . . . . . .page 1565

Antenna Mounting Pipe & Angle



468133



497150

Pre-Cut Plain End Pipes, Bulk Pipes and Bulk Angles are constructed of galvanized steel and are used with double support arms for ring system and used with the pipe attachment kit for the tower standoff frame.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
51708 1 EACH	Wireless Solutions MT-648 3 Years	2 3/8" OD x 24" long.	13.50 6 2.73	13.23 13.10 12.96
46796 1 EACH	Wireless Solutions MT-649 3 Years	2 3/8" OD x 36" long.	18.00 11.05 5.02	17.64 17.46 17.28
12066 1 EACH	Wireless Solutions MT-650 3 Years	2 3/8" OD x 48" long.	22.50 16 7.27	22.05 21.83 21.60
88852 1 EACH	Wireless Solutions MT-650-63 3 Years	2 3/8" OD x 63" long.	27.00 16 7.27	26.46 26.19 25.92
37245 1 EACH	Wireless Solutions MT-651 3 Years	2 3/8" OD x 72" long.	31.50 26 11.82	30.87 30.56 30.24
24031 1 EACH	Wireless Solutions MT-651-84 3 Years	2 3/8" OD x 84" long.	33.75 30 13.64	33.08 32.74 32.40
62424 1 EACH	Wireless Solutions MT-651-96 3 Years	2 3/8" OD x 96" long.	36.00 33 15	35.28 34.92 34.56
48272 1 EACH	Wireless Solutions MT-537 3 Years	2 3/8" OD x 126" long.	40.50 39.7 18.04	39.69 39.29 38.88
NEW 468133 1 EACH	Wireless Solutions MT-537-150 3 Years	2-3/8" x 150" long.	55.00 47 21.36	53.90 53.35 52.80
NEW 438344 1 EACH	Wireless Solutions MT-547-156 3 years	3-1/2" OD x 156" long	86.50 154.8 70.36	84.77 83.91 83.04

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW 490114 1 EACH	Wireless Solutions MT-547-174 3 Years	3-1/2" x 174" long.	100.00 132 59.99	98. 97. 96.
NEW 410353 1 EACH	Wireless Solutions MT-547-192 3 Years	3-1/2" x 192" long.	110.00 163 74.08	107 106 105
81788 1 EACH	Wireless Solutions MT-652 3 Years	4 1/2" OD x 36" long.	27.00 26 11.82	26. 26. 25.
30181 1 EACH	Wireless Solutions MT-653 3 Years	4 1/2" OD x 48" long.	36.00 26 11.82	35. 34. 34.
68574 1 EACH	Wireless Solutions MT-654 3 Years	4 1/2" OD x 72" long.	54.00 26 11.82	52. 52. 51.
52337 1 EACH	Wireless Solutions MT-539 3 Years	4 1/2" OD x 126"	110.00 114 51.81	107 106 105
31828 1 EACH	Wireless Solutions MT-538 3 Years	Bulk Pipe 2 3/8" x 21"	95.00 77.7 35.31	93. 92. 91.
28634 1 EACH	Wireless Solutions MT-540 3 Years	Bulk Pipe 4-1/2" x 21'	190.00 228 103.63	186 184 182
NEW 497150 1 EACH	Wireless Solutions MT-524 3 Years	Bulk Angle 2" x 2" x 3/16", 20'.	50.00 35 15.91	49. 48. 48.
NEW 447194 1 EACH	Wireless Solutions MT-527 3 Years	Bulk Angle 2-1/2" x 2-1/2" x 3/16", 20'.	70.00 62 28.18	68. 67. 67.
NEW 446190 1 EACH	Wireless Solutions MT-530 3 Years	Bulk Angle 3" x 3" x 1/4", 20'.	85.00 100 45.45	83. 82. 81.

Antenna Mounting Pipe

72192

Microflect Antenna mounting pipes for use with various M lect antenna mounts. Standard wall thickness. All pipes Hot dipped galvanized.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
72192 1 EACH	Microflect/Valmont B1001 2 Years	2-3/8" O.D. x 4' long.	17.00 16 7.27	16 16 16
18623 1 EACH	Microflect/Valmont B1478 2 Years	2-3/8" O.D. x 5.5' long.	21.00 22 10	20 20 20
78787 1 EACH	Microflect/Valmont B1461 2 Years	2-3/8" O.D. x 7' long.	28.00 27 12.27	27 27 27
23382 1 EACH	Microflect/Valmont B1479 2 Years	2-3/8" O.D. x 8.5' long.	33.00 25 11.36	32 32 32
76632 1 EACH	Microflect/Valmont B1645 2 Years	2-3/8" O.D. x 11' long.	44.00 44 20	43 43 42
420095 1 EACH	Microflect/Valmont B2081 2 Years	2-3/8" O.D. x 15' long.	75.00 78 35.45	73 73 73
11248 1 EACH	Microflect/Valmont B1462 2 Years	2-7/8" O.D. x 7' long.	38.00 42.6 19.36	37 37 37
93164 1 EACH	Microflect/Valmont B1855 2 Years	2-7/8" O.D. x 10' long.	55.00 70 31.82	54 53 53
NEW 495148 1 EACH	Microflect/Valmont B1930 2 Years	2-7/8" O.D. x 15' long. Extra strong.	120.00 121 54.99	11 11 11
41557 1 EACH	Microflect/Valmont B1919 2 Years	2-7/8" O.D. x 13' long.	76.00 65.2 29.63	74 74 74
50630 1 EACH	Microflect/Valmont B1002 2 Years	4-1/2" O.D. x 5' long.	55.00 54 24.54	54 53 53
38754 1 EACH	Microflect/Valmont B1003 2 Years	4-1/2" O.D. x 100" long.	92.00 90 40.9	90 90 89

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enna Mounting Pipe

Trylon galvanized antenna mounting pipe for use with any self-supporting or guyed top section.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1 H	Trylon 4.87.0101.000 1 Year	2" O.D. x 6' iong schedule 40 pipe.	35.00 25 11.36	29.75 28.70 28.00
0 H	Rohn Tower M200H 1 Year	2" x 10' hot-dipped galvanized mast	40.70 30 13.64	34.60 33.38 31.75

el Mast

Pre-galvanized or hot dipped galvanized. Swagged at one end with locking joint.

5

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
5 H	Rohn Tower 180505PHS 1 Year	5' x 1 1/4" Pre-galvanized 18 gauge.	5.10 3.25 1.48	3.96 3.80 3.68
9 H	Rohn Tower 181005PHS 1 Year	10' x 1 1/4" Hot Dip galvanized 18 gauge.	8.50 6 2.73	7.23 6.97 6.63
3 H	Rohn Tower 161005GHS 1 Year	10' x 1-1/4" Hot Dip galvanized 16 gauge.	10.20 9 4.09	7.91 7.60 7.35

scoping Mast

Rohn Telescoping mast for supporting light duty antennas. All Telescoping mast are galvanized and come with hardware. The unique Rohn design features interior tube flanging combined with a double crimped exterior tube to produce a stronger and more stable joint than most common mast. Each section extends deeper into the lower tubes than most designs, adding still further to the stability of the mast. Order guy wire separately!

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
9 H	Rohn Tower H30 1 Year	30 ft telescoping mast with 1-1/4" OD top section.	46.70 26 11.82	39.70 38.30 36.43
3 H	Rohn Tower H40 1 Year	40 ft telescoping mast with 1-1/4" OD top section.	63.50 35 15.91	53.98 52.07 49.53
5 H	Rohn Tower H50 1 Year	50 ft telescoping mast with 1-1/4" OD top section.	80.50 45 20.45	68.43 66.01 62.79
2 H	Rohn Tower GTMB 1 Year	Telescoping Mast Ground Mount.	4.50 5 2.27	3.83 3.69 3.51

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Waveguide Channel and Accessories [435-20]

If you are buying these, you may need:

Grounding Systems ..... page 560
Wrenches ..... page 1581
Cable Ties ..... page 1745

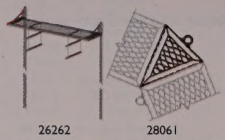
Waveguide Bridge Kit

444213 15434 488336 488314

Waveguide Bridge Kits incorporate standard components into kits simplifying the ordering process. All components are hot-dip galvanized to ensure long term integrity in environmental extreme applications.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 466329 1 EACH	Wireless Solutions WB-KS110-11S 3 Years	Solid waveguide bridge kit, 12" x 10' with two 10'-6" base shoe posts.	480.00 292 132.71	470.40 465.60 460.80
NEW 444213 1 EACH	Wireless Solutions WB-KS110-13B 3 Years	Solid waveguide bridge kit, 12" x 10' with two 13'-4" burial posts.	415.00 311 141.35	406.70 402.55 398.40
NEW 419367 1 EACH	Wireless Solutions WB-KS210-13B 3 Years	Solid waveguide bridge kit, 24" x 10' consisting of two, 12" wide hot dipped galvanized channels with four, 13'-4" burial posts.	860.00 556 252.7	842.80 834.20 825.60
15434 1 EACH	Solid waveguide bridge kit, 24" x 10' with two 3" OD x 12' support pipes. Inlcudes 3 double trapeze kits and hardware.		700.00 570 259.06	560.00 560.00 560.00
NEW 494362 1 EACH	Wireless Solutions WB-KG112-11S 3 Years	Grated waveguide bridge kit, 12" x 10' with two 10'-6" base shoe posts.	532.50 289 131.35	521.85 516.53 511.20
NEW 495314 1 EACH	Wireless Solutions WB-KG112-13B 3 Years	Grated waveguide bridge kit, 12" x 12' with two 13'-4" burial posts.	468.50 308 139.99	459.13 454.45 449.76
NEW 488336 1 EACH	Wireless Solutions WB-KG212-11S 3 Years	Grated waveguide bridge kit, 24" x 12' consisting of two, 12" wide hot dipped galvanized channels with two 10'-6" base shoe posts.	1,068.20 720 327.24	1,046.84 1,036.16 1,025.48
485094 1 EACH	Wireless Solutions WB-KG212-13B 3 Years	Grated waveguide bridge kit, 24" W x 12'L , with four 13'-4" burial posts. Made from two, 12" wide, hot dipped galvanized channels.	940.20 760 345.42	921.40 912.00 902.60
NEW 488314 1 EACH	Wireless Solutions WB-KL210-10B4 3 Years	Grated waveguide bridge kit, side-mounting, 24" x 10', consisting of one, 24" wide hot dipped galvanized channel with four 13' burial posts.	628.50 325 147.71	615.93 609.65 603.36
NEW 453316 1 EACH	Wireless Solutions WB-KL210-10B2 3 Years	Grated waveguide bridge kit, top mounting via support bracket, 24" x 10', consisting of one 24" wide hot dipped galvanized channel with two 13' burial posts.	590.00 346 157.26	578.20 572.30 566.40
NEW 449316 1 EACH	Wireless Solutions WB-KY112-11S 3 Years	Safety grated waveguide bridge kit, 12" x 12' with 10'-6" base shoe posts.	530.00 310 140.9	519.40 514.10 508.80
NEW 423301 1 EACH	Wireless Solutions WB-KY112-13B 3 Years	Safety grated waveguide bridge kit, 12" x 12' with two 13'-4" burial posts.	465.00 329 149.53	455.70 451.05 446.40
NEW 454309 1 EACH	Wireless Solutions WB-KY212-11S 3 Years	Safety grated waveguide bridge kit, 24" x 10' consisting of four 10'-6" base shoe posts.	1,090.00 718 326.33	1,068.20 1,057.30 1,046.40
NEW 467309 1 EACH	Wireless Solutions WB-KY212-13B 3 Years	Safety grated waveguide bridge kit, 24" x 12' consisting of two, 12' wide hot dipped galvanized channels with four 13'-4" burial posts.	965.00 756 343.6	945.70 936.05 926.40
NEW 431309 1 EACH	Wireless Solutions WB-KL210-10B2E 3 Years	Waveguide Bridge Kit Extension, Top Mounting. For use with Wireless Solutions (WB-KL210-10) series only. Includes same components as above kits and also include a splice kit, one pipe column and bracket.	496.00 250 113.62	486.08 481.12 476.16

Ice Bridge Kit



26262 28061

Wireless Solutions Ice Bridge Kit for supporting up to runs of cable. Kit includes Ice Bridge, trapeze kits pred with 3/4" holes to accommodate snap-in hangers, sched 40 pipe columns, pipe caps and all hardware. Accessori and parts are listed below.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 26262 1 EACH	Wireless Solutions VC-WB-8X2 1 Year	8 foot Ice Bridge Kit with 2'x 8' panel, 2 13'x 2" pipes (Sched. 40), 1 7-hole trapeze, 4 pipe caps, 4 2-1/2" U-bolts, and 4 back plates. Customer provided extra pipes.	185.00 260 118.17	18 18 17
NEW 16181 1 EACH	Wireless Solutions VC-WB-2 1 Year	Ice Bridge Extension Kit for 24" wide ice bridges. 24" long.	75.00 15 6.82	75 73 72
NEW 28061 1 EACH	Wireless Solutions VC-WB-24X45 1 Year	45 degree bend for 24" wide Ice Bridge.	75.00 15 6.82	75 73 72
NEW 59138 1 EACH	Wireless Solutions VC-WB-24X22 1 Year	22 degree bend for 24" Ice Bridge.	85.00 15 6.82	85 83 81

Waveguide Bridge Kit

88353

ROHN offers single or double-wide self-supporting waveguide bridge assemblies support waveguide and transmission line. Bridges feature grip strut as the protect panel supported by an angular frame,all supported by two vertical 3-1/2" standar pipe.The elevation of the bridge is adjustable up to 12' above grade.The waveguid hanger angles feature eight 7/16" and nine 3/4" hole for hangers.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
88353 1 EACH	Rohn Tower WGBS2410 1 Year	24" wide channel for supporting up to 24 runs of coax on three levels.	1,040.00 540 245.43	88 85 81

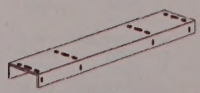
Waveguide Channel

62534

Waveguide channel provides support and protection for h zontal waveguide runs. Channels are formed of 11 gauge s and hot dipped galvanized after fabrication. Slots are all 7/ 16"x7/8" for 3/8" hardware, except center slots which are 16"x 2 1/2". Installation hardware must be purchased sepa

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
62534 1 EACH	Wireless Solutions MT-F501 3 Years	10 feet long by 12 inches wide.	82.00 84 38.18	80 79 78
35901 1 EACH	Wireless Solutions MT-F502 3 Years	5 feet long by 12 inches wide.	46.00 46 20.91	45 44 44
29656 1 EACH	Wireless Solutions MT-354 3 Years	12"x 12' Safety Grated Waveguide Bridge Channel	135.00 100 45.45	13 13 12
NEW 48977 1 EACH	Wireless Solutions WB-CY210 3 Years	24" x 10' Safety Grated Waveguide Bridge Channel	208.00 111 50.45	20 20 19

Waveguide Channel



66960

Waveguide channel provides support and protection for h zontal waveguide runs. Channels are formed of 11 gauge s and hot dipped galvanized after fabrication. Slots are all 7/ 7/8" for 3/8" hardware, except center slots which are 7/16 1/2". Ten 3/8" x 1-1/4" bolts, nuts, lockwashers & flatwashe are furnished with each section.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
63738 1 EACH	Microflect/Valmont B501 2 Years	10 feet long by 12 inches wide.	82.00 84 38.18	80 80 7
66960 1 EACH	Microflect/Valmont B502 2 Years	5 feet long by 12 inches wide.	46.00 43 19.54	45 45 4

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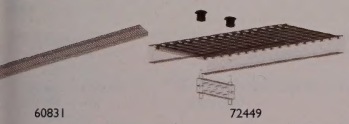
dge Covers for Solid Bridge

11971

Provide the highest level of protection from the elements with the Bridge Cover. The bridge cover is fitted over inverted solid waveguide bridge channel to completely enclose runs of coaxial cable and waveguide. The covers are formed of 11 guage steel and are hot-dip galvanized. All necessary attachment hardware is included.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1 H	Wireless Solutions MT-F1220 3 Years	Bridge cover, 12" wide for one row of bridge channel.	77.00 35 15.91	75.46 74.69 73.92
4 H	Wireless Solutions MT-F1221 3 Years	Bridge cover, 24" wide for two rows of bridge channel.	108.00 60 27.27	105.84 104.76 103.68
5 H	Microflect/Valmont B1220 2 Years	5 feet long by 12 inches wide.	77.00 34 15.45	75.85 75.46 75.08
8 H	Microflect/Valmont B1221 2 Years	5 feet long by 24 inches wide.	108.00 58 26.36	106.38 105.84 105.30

ting Sections

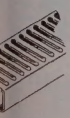


60831 72449

Grating sections used as a waveguide bridge can be used without support post on spans up to 20 feet. Special Tap-in inserts (MF-397) are avaliable to attach cable runs with 3/8" hardware. Grating sections are hot-dipped galvanized steel.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1 H	Wireless Solutions MT-351 3 Years	12 feet long by 12 inches wide.	110.00 63 28.63	107.80 106.70 105.60
8 H	Wireless Solutions MT-350 3 Years	20 feet long by 12 inches wide.	185.00 160 72.72	181.30 179.45 177.60
9 H	Wireless Solutions MF-397 3 Years	Tap Insert for Grating Channel.	25.00 1 0.45	24.50 24.25 24.00

ting Sections

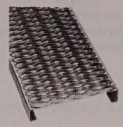


64462

Grating sections used as a waveguide bridge can be used without support posts on spans up to 20 feet. Special tap-in inserts (B397) are available to attach waveguide runs with 3/8" hardware. Grating sections are hot-dipped galvanized 14 gauge steel.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
2 H	Microflect/Valmont B391 2 Years	10 feet long by 6 inches wide.	149.00 42 19.09	146.77 146.02 145.28
5 H	Microflect/Valmont B392 2 Years	20 feet long by 6 inches wide.	246.00 84 38.18	242.31 241.08 239.85
3 H	Microflect/Valmont B393 2 Years	10 feet long by 9 inches wide.	159.00 48 21.82	156.62 155.82 155.03
1 H	Microflect/Valmont B394 2 Years	20 feet long by 9 inches wide.	277.00 96 43.63	272.85 271.46 270.08

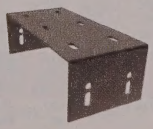
Grip Strut Sections



Grip strut channel provides support and protection for horizontal waveguide runs. Channels are formed of 12 or 14 gauge pre-galvanized steel. Grip strut features a serrated, open diamond-shapped grating pattern.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
455169 1 EACH	McNichols 2405201410 2 Years	10 feet long by 12 inches wide. 14 gauge pregalvanized steel.	65.00 55 25	63.70 62.40 61.10
447115 1 EACH	McNichols 2405201210 2 Years	10 feet long by 12 inches wide. 12 gauge pregalvanized steel.	93.50 80 36.36	91.63 89.76 87.89
430134 1 EACH	McNichols 2410201410 2 Years	10 feet long by 24 inches wide. 14 gauge pregalvanized steel.	107.00 120 54.54	104.86 102.72 100.58
416173 1 EACH	McNichols 2410201210 2 Years	10 feet long by 24 inches wide. 12 gauge pregalvanized steel.	132.50 150 68.18	129.85 127.20 124.55

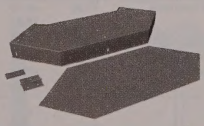
Straight and Hinged Splice



The straight/hinged splice allows two sections of waveguide to be connected together to form a longer run. Also the hinged version will allow upward and downward angles for certain applications.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37150 1 EACH	Wireless Solutions MT-F503 3 Years	The straight/hinged splice allows two sections of solid waveguide bridge channel to be connected together to form a longer run. The hinged design allows upward or downward angles up to 25 degrees. HARDWARE INCLUDED.	8.00 5 2.27	7.84 7.76 7.68
53746 1 EACH	Microflect/Valmont B503 2 Years	The straight splice is used to join two sections of waveguide channel when the splice does not occur at a Pipe Head. The splice can also be used as a hinge to accomodate vertical angles, 25 degrees up or down. Made of 11 gauge galvanized steel. NO HARDWARE IS PROVIDED.	8.00 3.5 1.59	7.88 7.84 7.80

Cover 90 Degree Corner Bridge.



Covered 90 degree Corner Channel is used in an inverted covered bridge to provide a protected 90 degree bend in the waveguide bridge.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
74706 1 EACH	Microflect/Valmont B1718 2 Years	Furnished with tabs at both ends for bolting the connecting inverted Bridge Channels. Both tray and cover are formed with 11 gauge steel that is hot-dipped after fabrication.	425.00 67.7 30.77	418.63 416.50 414.38
49115 1 EACH	Wireless Solutions MT-F1718 3 Years	All necessary attachment hardware is included.	425.00 67.7 30.77	416.50 412.25 408.00

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Adjustable Splice

34056

The Adjustable Splice is used to make horizontal bends from 0 to 45 degrees, either right or left. Made of galvanized plate. Support post must be within two feet of the Adjustable Splice.

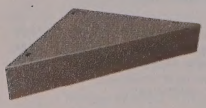
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
34056 1 EACH	Wireless Solutions MT-F504 3 Years	Grating Channel Adjustable Splice.	15.00 6 2.73	14.70 14.55 14.40
92139 1 EACH	Microflect/Valmont B504 2 Years	No hardware is provided.	15.00 3.5 1.59	14.78 14.70 14.63

Waveguide Bridge Extension Kit

Permits 45 degree extension of waveguide bridge channel to accommodate bending radius of waveguide.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
68049 1 EACH	Wireless Solutions MT-F1133 3 Years	Includes all necessary attachment hardware.	51.00 40 18.18	49.98 49.47 48.96
15353 1 EACH	Microflect/Valmont B1133 2 Years	Includes eleven 3/8" x 1 1/4" bolts, nuts, lockwashers and flatwashers.	51.00 27 12.27	50.24 49.98 49.73

Corner Filler



Corner Fillers are used to provide ice protection for waveguide at 90 degree bends, or when a wider area of ice protection is needed over a waveguide entry.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
54835 1 EACH	Wireless Solutions MT-F505 3 Years	Includes all necessary attachment hardware.	41.00 15.3 6.95	40.18 39.77 39.36
40532 1 EACH	Microflect/Valmont B505 2 Years	Made of 11 gauge galvanized steel. Includes four 3/8" bolts, nuts and lockwashers.	41.00 15.3 6.95	40.39 40.18 39.98

Waveguide Bridge Splice Stiffener

The splice stiffener is designed to strengthen the joints between two sections of solid waveguide bridge channel.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
41621 1 EACH	Wireless Solutions MT-F1223 3 Years	One angle, measures 2" x 2" x 33" and uses 3/8" hardware. All necessary attachment hardware is included.	20.00 12 5.45	19.60 19.40 19.20
14104 1 EACH	Microflect/Valmont B1223 2 Years	Two angles per kit measuring 2" x 2" x 1/8" x 33". Hardware not included.	20.00 10 4.54	19.70 19.60 19.50

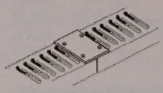
Grating Channel Splice

22091 476149

Straight Splice for Grated and Safety Grated Waveguide Bridge Channel. Allows 2 sections be connected to form a longer run. Support within 2' of the splice is recommended. All n sary attachment hardware included.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
22091 1 EACH	Wireless Solutions MT-352 3 Years	Straight Splice for Grated Waveguide Bridge Channel. Kit of 2.	30.00 28.83 13.1	29 28 28
NEW 476149 1 EACH	Wireless Solutions WS-K400 3 Years	24" Straight Splice for Safety Grated Waveguide Bridge Channel. Sold individually.	24.50 7 3.18	24 23 23

Grating Section Splice

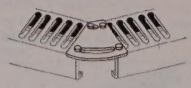


38034

Channel splice for Grating Channel and the splice must be used within 2 feet of the splice in order for the support of two chan Hot-dip galvanized.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
38034 1 EACH	Microflect/Valmont B1108 2 Years	Channel splice for grating-type waveguide bridge. Use with 6" wide 64462 and 12855 sections. Hardware included.	12.00 4 1.82	11 11 11
24820 1 EACH	Microflect/Valmont B1109 2 Years	Channel splice for grating-type waveguide bridge. Use with 9" wide 51248 and 89641 sections. Hardware included.	15.00 5 2.27	14 14 14

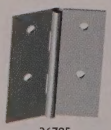
Adjustable Grating Channel Splice



Adjustable channel splice for grating-type waveguide bri to 45 degree angle. Hardware included and Hot-dip galv nized.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
49999 1 EACH	Microflect/Valmont B1064 2 Years	Adjustable channel splice for grating-type waveguide bridge. 0 to 45 degree angle. Use with 9" wide 51248 and 89641 sections. Hardware included.	28.00 6 2.73	27 27 27

Hinged Splice



36785

Adjustable hinged splice for grating -type waveguide and adjustable from 0 degree. Use with 6" or 9" wide channel. Hot-dip galvanized and all hardwa included.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
36785 1 EACH	Microflect/Valmont B1267 2 Years	0 to 90 degree hinged splice for grating-type waveguide bridge. Use with 6" or 9" wide channel. Includes hardware.	72.00 4 1.82	70 70 70

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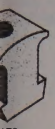
-in Insert



178

Tap-In inserts are made to fit between the ribs of Grating Bridge Channels and are designed to hold trapeze kits is place.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
8 K	Microflect/Valmont B397 2 Years	Made of tough polyester material, tap-in inserts are threaded with a 3/8" hole and are tapped in between grating ribs. 5 per package.	26.00 1 0.45	25.61 25.48 25.35

eze Bridging Kits

12498

The Trapeze Kits provide secure support for coaxial cables in waveguide bridge applications. The Trapeze Kits extend 12" below the waveguide bridge via stainless steel threaded rods, allowing easy feeding to the entry panel.

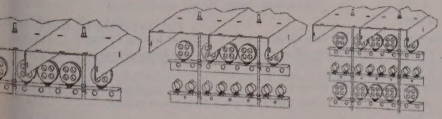
o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
3 H	Wireless Solutions MT-357-12 3 Years	12" Wide Trapeze Holds Up to 7 Runs	22.50 3 1.36	22.05 21.83 21.60
5 H	Wireless Solutions WB-TK12D 3 Years	Two, 12" Wide Trapeze. Holds Up to 14 Cable Runs	35.00 5.8 2.64	34.30 33.95 33.60
1 H	Wireless Solutions MT-357-24 3 Years	24" Wide Trapeze Holds Up to 14 Runs	25.00 6 2.73	24.50 24.25 24.00
7 H	Wireless Solutions WB-TK24D 3 Years	Two, 24" Wide Trapeze. Each Holds up to 14 Cable Runs.	40.00 11.8 5.36	39.20 38.80 38.40

ical Z Bracket

Vertical Z -brackets offer a simplified way to support multiple cable runs under waveguide bridges and on flat surfaces such as ceilings, keeping the cable free from damage. Low profile, uses less space than cluster brackets or waveguide crosses. Pre-punched with 3/4" holes for snap in hangers and 7/16" holes for standard hangers. Galvanized for excellent corrosion resistance.

. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1 H	Wireless Solutions ZB-V12 3 Years	Vertical Z Bracket for 12 runs of cable.	17.50 4 1.82	17.33 17.07 16.80

eze Bridging Kits



69027 94206 42599

flect trapeze kits come in either a single, dual or triple level kit for use with 24" wide uide bridge. One side of the angle has 8 3/4" holes for snap-in's while the other side has " holes for cushions or butterfly hangers. Includes all needed threaded rod, flatwashers, ashers and nuts. Order waveguide channel separately.

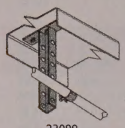
g product table (1 of 2)

. n	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1	Microflect/Valmont B1888 2 Years	Single level trapeze kit for supporting 8 snap-ins or 5 cushions.	16.00 4 1.82	15.76 15.68 15.60
1	Microflect/Valmont B1889 2 Years	Double level trapeze kit for supporting 16 snap-ins or 10 cushions/standard hangers.	29.00 8 3.64	28.57 28.42 28.28

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
42599 1 EACH	Microflect/Valmont B1890 2 Years	Triple level trapeze kit for supporting 24 snap-ins or 15 cushions/standard hangers.	45.00 12 5.45	44.33 44.10 43.88

Bridge Channel Snap-In Bracket

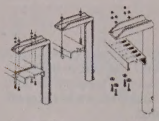


23099

The Snap-in Hanger Bracket provides twelve 3/4" holes that enables the attachment of coax transmission line utilizing Snap-in hangers. The bracket is bolted below B501 and B502 Bridge Channel to provide a protected horizontal support for up to twelve coax runs.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
23099 1 EACH	Microflect/Valmont B1752 2 Years	Snap-in hanger bracket.	19.00 5.5 2.5	18.72 18.62 18.53

Pipe Heads

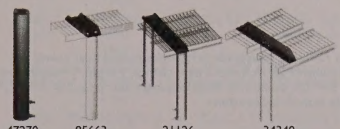


47501 85894

Pipe heads are used with pipe columns to install 12" wide waveguide channel. They allow a 24" adjustable range over the height of the pipe column and are locked in place with two 1/2" set screws spaced 5" apart. Attachment can be done using 3/8" hardware.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 470342 1 EACH	Wireless Solutions MT-509 3 Years	Pipe Head for Waveguide Channelt	61.25 33 15	60.03 59.42 58.80
47501 1 EACH	Microflect/Valmont B509 2 Years	Pipe Head for Waveguide Channel	61.00 28.5 12.95	60.09 59.78 59.48
NEW 458337 1 EACH	Microflect/Valmont B3013 1 Year	Pipe Cap to prevent rain water build up inside support post columns. for 3-1/2" pipe columns.	7.70 1.5 0.68	7.59 7.55 7.51
85894 1 EACH	Microflect/Valmont B1275 2 Years	Grating type Pipe Head for 6" or 9" wide waveguide channel.	72.00 27 12.27	70.92 70.56 70.20

Column Pipe Head & Channel Supports



47270 85663 21126 34340

Pipe heads are used in conjunction with Pipe Columns to install waveguide channels. Pipe heads are used to mount support channels and trusses for attachment of waveguide grating and channel in various configurations.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
47270 1 EACH	Wireless Solutions MT-346 3 Years	Column Pipe Head.	60.00 15 6.82	58.80 58.20 57.60
85663 1 EACH	Wireless Solutions MT-347 3 Years	Single Support Channel for one supporting one waveguide channel. Mounts to Column Pipe Head. Hardware Included.	20.00 10 4.54	19.60 19.40 19.20
21126 1 EACH	Wireless Solutions MT-349 3 Years	Double Pipe Support Channel to support 24" wide solid or grated waveguide bridge channel. Mounts to Column Pipe Head. Hardware included.	25.00 20 9.09	24.50 24.25 24.00
34340 1 EACH	Wireless Solutions MT-348 3 Years	Single Pipe Truss Support for two 12" wide grated or solid waveguide channels. Mounts to Column Pipe Head. Hardware included.	20.00 10 4.54	19.60 19.40 19.20

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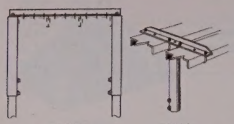
Canopy Adapter Sleeve & Angle



91089 72680

Canopy adapter sleeve is used with a pipe column and attaches to canopy angle to support waveguide coax

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
52696 1 EACH	Microflect/Valmont B508 2 Years	The 30" sleeve allows 24" of adjustment and is locked in place with two 1/2" set screws. The units are galvanized after fabrication.	46.00 22.3 10.14	45.31 45.08 44.85
91089 1 EACH	Microflect/Valmont B1117 2 Years	28.5" long for use with 24" waveguide bridges. Use Canopy Adapter Sleeve.	12.00 8 3.64	11.82 11.76 11.70
39482 1 EACH	Microflect/Valmont B514 2 Years	40.5" long for use with 36" waveguide bridges. Use Canopy Adapter Sleeve.	23.00 10.8 4.91	22.66 22.54 22.43
72680 1 EACH	Microflect/Valmont B510 2 Years	Truss Support is used to support two 12" wide bridge channels. Included Pipe Sleeve allows for a 24" adjustment above the the height of the Pipe Column. All Hardware Included.	77.00 33 15	75.85 75.46 75.08

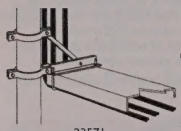
Pipe Leg Channel Support

483155

The pipe leg channel supports allow grated or solid waveguide bridge channel to be supported by round tower legs or other support members. The unique design allows a wide range of leg sizes to be accommodated by a single support. Versions are available to support either 12" or 24" wide channel. Supports are hot dipped galvanized and all required attachment hardware is included.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 419219 1 EACH	Wireless Solutions PC-034 3 Years	3-1/2" Galvanized Pipe Cap	2.75 1 0.45	2.70 2.67 2.64
483155 1 EACH	Wireless Solutions WB-ULB12-5 3 Years	For use with 12" wide waveguide channel on 2 3/8" - 5" O.D. tower legs.	60.00 55 25	58.80 58.20 57.60
460179 1 EACH	Wireless Solutions WB-ULB12-9 3 Years	For use with 12" wide waveguide channel on 4" - 9" O.D. tower legs.	70.00 55 25	68.60 67.90 67.20
79513 1 EACH	Wireless Solutions WB-ULB24-5 3 Years	For use with 2 3/4" - 5" O.D. tower legs.	65.00 56 25.45	63.70 63.05 62.40

Pipe Leg Channel Support



23571

Supports 12" wide waveguide bridge positioned near tower leg. Channel support kit includes 2 pipe clamps, 1 angle, 1 flatbar, 5 ea. 1/2" x 1 3/4" G5 bolts, nuts & lockwashers and 2 ea. 3/8" x 5 1/2" hookbolts, nuts & lockwashers.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
23571 1 EACH	Microflect/Valmont B588 2 Years	For use with 2 7/8" O.D. tower legs.	31.00 8 3.64	30.54 30.38 30.23
61964 1 EACH	Microflect/Valmont B589 2 Years	For use with 3 1/2" O.D. tower legs.	31.00 8 3.64	30.54 30.38 30.23
52126 1 EACH	Microflect/Valmont B1211 2 Years	For use with 3.5 O.D. tower legs and 24" wide channel.	51.00 16 7.27	50.24 49.98 49.73
48750 1 EACH	Microflect/Valmont B584 2 Years	For use with 4 1/2" O.D. tower legs.	36.00 8 3.64	35.46 35.28 35.10
87143 1 EACH	Microflect/Valmont B590 2 Years	For use with 5 9/16" O.D. tower legs.	36.00 8 3.64	35.46 35.28 35.10
35536 1 EACH	Microflect/Valmont B585 2 Years	For use with 6 5/8" O.D. tower legs.	41.00 10 4.54	40.39 40.18 39.98

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
73929 1 EACH	Microflect/Valmont B586 2 Years	For use with 8 5/8" O.D. tower legs.	41.00 11 5	40. 40. 39.

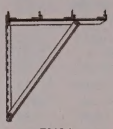
Waveguide Bridge Support Brackets

424047

Support Brackets allow grated and solid waveguide channel to b supported by pipe columns. The brackets are designed to side- mount to a standard 3.5"OD pipe column via the included U-bo assembly, providing the versatility to easily adjust the height of t waveguide bridge system in the field. The brackets are made fro hot dipped galvanized steel to ensure superior corrosion protec

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
467000 1 EACH	Wireless Solutions WB-LB12-3 3 Years	12" Wide support bracket for 3-1/2" OD legs.	45.00 12 5.45	44. 43. 43.
424047 1 EACH	Wireless Solutions WB-LB24-3 3 Years	24" Wide support bracket for 3-1/2" OD legs.	75.00 16 7.27	73. 72. 72.

Canopy Support Bracket



79124

Canopies are used in a system when a wider area is needed over the buil entry due to the bending radius of the waveguide. Canopies can also be jo to make a continuous wide run to a tower.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
79124 1 EACH	Microflect/Valmont B507 2 Years	Assembly hardware & clip angles are included. If attaching to a wall, 1/2" mounting hardware is required.	46.00 26.5 12.04	45 45 44

Pipe Columns

60484

Pipe Columns are all 3.5" O.D. at the top and will accept a variety of pipe heads, tr or canopy supports. When determining maximum height of the pipe columns, add of adjustment available on the pipe heads and trusses. All columns are hot dipped nized. Maximum spacing for pipe columns is 10'1" for waveguide channel and 20' f grating-type waveguide bridges.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
60484 1 EACH	Wireless Solutions MF-130 3 Years	For direct burial. Use 12" diameter footing. 13 feet 4 inch overall length, 10 feet above ground.	94.00 105 47.72	9 9 9
66672 1 EACH	Microflect/Valmont B130 2 Years	For direct burial. Use 12" diameter footing. 13 feet 4 inch overall length, 10 feet above ground.	92.00 105 47.72	9 9 8
27158 1 EACH	Wireless Solutions MF-273 3 Years	For direct burial. Use 12" diameter footing. 15 feet 4 inch overall length. Made from hot-dip galvanized steel.	136.00 138 62.72	13 13 13
15065 1 EACH	Microflect/Valmont B273 2 Years	For direct burial. Use 12" diameter footing. 15 feet 4 inch overall length, 12 feet above ground.	133.00 138 62.72	13 13 12

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e Columns with Anchor Footing

Pipe Columns are used with Truss supports or Canopy Supports to enhance the height of the Bridge channels.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
4 H	Microflect/Valmont B126 2 Years	Not for direct burial. Has base for anchor bolt footings. 10' in overall height. Galvanized anchor bolts, lockwashers and nuts are included.	123.00 105 47.72	121.16 120.54 119.93
7 H	Microflect/Valmont B279 2 Years	Not for direct burial. Has base for anchor bolt footings. 12' in overall height. Galvanized anchor bolts, lockwashers and nuts are included.	154.00 130 59.08	151.69 150.92 150.15
7 H	Wireless Solutions MF-126 3 Years	Universal Ice Bridge Mount.	126.00 145 65.9	123.48 122.22 120.96
5 H	Wireless Solutions MF-279 3 Years	Not for direct burial. Has base for anchor bolt footings. 12' in length. Made from hot-dip galvanized steel.	157.00 125 56.81	153.86 152.29 150.72

veguide Ladder Support Posts

3" in diameter waveguide ladder support posts reinforce waveguide bridging. Posts are hot dip galvanized after fabrication to prevent corrosion.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
9 H	Tower Structures WGBPST12 20 Years	12' Waveguide Ladder Support Post	88.00 120 54.54	88.00 86.24 85.36
2 H	Tower Structures WGBPST15 20 Years	15' Waveguide Ladder Support Post	110.00 150 68.18	110.00 107.80 106.70

e Column Supports

Pipe Column Supports are a versatile means of installing roof waveguide runs. Supports can be bolted directly to the roof or have concrete pads poured around their bases. The 3.5"O.D. pipe column will fit a variety of pipe heads or tresses.

52

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
2 H	Microflect/Valmont B293 2 Years	Pipe Column with head or tress can vary in height from 40" to 64". Includes four 2" lag bolts.	67.00 41 18.63	66.00 65.66 65.33

e Column Stabilizer Kit

Recommended for bracing pipe columns when waveguide bridges are long and/or heavily loaded. Prevents column and bridge wobble. Supports bridge in either longitudinal or transverse directions.

03

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
3 H	Microflect/Valmont B593 2 Years	Includes a 3.5" OD pipe clamp, one 10' x 2 3/8" OD pipe, one 2'angle (3" x 3" x 1/4") and three 1/2" x 1 3/4" bolts with nuts & lockwashers.	59.00 45 20.45	58.12 57.82 57.53

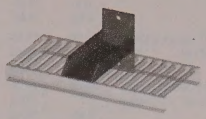
X-Bracing Kit

86983

The X-Bracing Kit provides additional stability for 24" wide grated and solid waveguide bridge channel configurations when using the double pipe support channel. The X-Bracing installs between the pipe colimns with the included U-bolt assemblies.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
86983 1 EACH	Wireless Solutions MT-353 3 Years	24" X-Bracing Kit	96.00 3 1.36	94.08 93.12 92.16

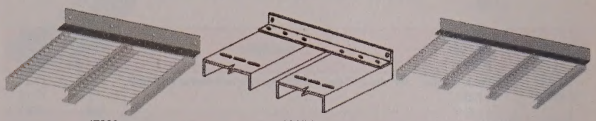
Channel Wall Bracket



Wall bracket is a galvanized weld ment used to support a waveguide channel running parallel to a wall. Holes are punched to mate with channel mounting holes or for hanging the channel with hookbolts.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
77875 1 EACH	Microflect/Valmont B506 2 Years	Washers, nuts and two hookbolts are furnished. Extends 14 7/8" from wall.	31.00 7.7 3.5	30.54 30.38 30.23

Wall Support Angle

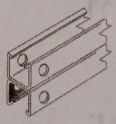


47990 13054 26268

Wall support angle is used to support waveguide channel above the entry at the wall. The angle is galvanized after fabrication. 1/2" wall mounting hardware and 3/8" channel mounting hardware is not included.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
47990 1 EACH	Wireless Solutions MF-511 3 Years	Wall Support Angle for Single or Double	11.00 11.5 5.23	10.78 10.67 10.56
64661 1 EACH	Microflect/Valmont B511 2 Years	3" x 2.5 x 24" long for use with up to two 12" waveguide channels.	11.00 9.17 4.17	10.84 10.78 10.73
13054 1 EACH	Microflect/Valmont B1280 2 Years	3" x 3" x 30.5" long to accomodate two 12" waveguide channels and the 6.5" center spacing of the tress head.	15.00 16.6 7.54	14.78 14.70 14.63
26268 1 EACH	Microflect/Valmont B512 2 Years	3" x 3" x 48" long for use with up to three 12" waveguide channels.	18.00 15.8 7.18	17.73 17.64 17.55

Light Duty Waveguide Supports



52497

The combination square rail makes an ideal support for light systems where ice is not a consideration. The upper half of the combination is used to attach it to B510 truss support. The recommended maximum span is 15 ft. between support points, based on a loading of 20 Lbs. per lineal foot. Distance between rails would be 18.5" center to center when using the B510 truss support. Rails are 1 5/8" square and spot welded back-to-back. Top slot is used to attach to pipe heads with 1/2" hardware & 1/2" spring nuts (B262). The lower slot is used to attach waveguide with 3/8" hardware and 3/8" spring nuts (B174).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
52497 1 EACH	Microflect/Valmont B240 2 Years	10 feet long.	67.00 36 16.36	66.00 65.66 65.33
39283 1 EACH	Microflect/Valmont B251 2 Years	20 feet long.	113.00 72 32.72	111.31 110.74 110.18

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Light Duty Waveguide Supports

77676 19593 68704 49674

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
77676 1 EACH	Microflect/Valmont B252 2 Years	Square rail splice is used to splice sections of combination square rail. Includes two splice plates and four bolts, washers and nuts. All parts are galvanized.	10.00 1.5 0.68	9.85 9.80 9.75
19593 1 EACH	Wireless Solutions MT-497 3 Years	Square Support 1-5/8" 90 Degree angle fitting, 3/8', dual hole.	10.00 0.4 0.18	9.80 9.70 9.60
68704 1 EACH	Wireless Solutions MT-508 3 Years	Post Base Shoe to firmly anchor 1-5/8" square support rail to floors, walls and ceilings.	20.00 4 1.82	19.60 19.40 19.20
49674 1 EACH	Wireless Solutions MT-522 3 Years	90 Degree Square Rail to Pipe Adaptor allows square support channel to be supported by 2-3/8" OD round members.	15.00 1 0.45	14.70 14.55 14.40

Hookbolt Kits for Channel

63106

Galvanized hookbolt, nut and washer kit. Package of ten. Used to support vertical waveguide channel.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
63106 10 PACK	Microflect/Valmont B884 1 Year	3/8" dia. x 3" long hookbolts, nuts and washers. 10 pack.	17.50 2 0.91	17.24 17.15 17.07
69071 10 PACK	Microflect/Valmont B889 1 Year	3/8" dia. x 5-1/2" hookbolts, nuts and washers. 10 pack.	23.00 2.2 1	22.66 22.54 22.43
88285 10 PACK	Microflect/Valmont B890 1 Year	3/8" dia. x 6" long hookbolts, nuts and washers. 10 pack.	24.00 2.4 1.09	23.64 23.52 23.40

Anchoring Device Clip

424193

Anchoring device clip is shaped to fit in diamond opening in grip strut. Punched to receive 5/16" carriage head bolt with square shank or 3/8" rod with washer.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **424193** 10 PACK	McNichols 12262 2 Years	2 1/4" x 3/4" anchoring device clip.	3.20 0.02 0.01	3.14 3.08 3.01

Cable Tray and Sleeper System [435-25]

If you are buying these, you might need:

Grounding Systems . . . . . page 5
Wrenches . . . . . page 15

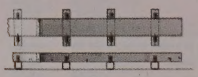
Roof-Top Coax Bridge Kits

410158 53785 40571

Roof-Top Coax Bridge Kits provide support and protection for coax runs in roof-top app tions. Each 8' long bridge kit includes 3 PVC sleepers with 3/4" holes and a steel cover for tection. Straight Splices allow 2 sections to be connected together to form a longer run v Adjustable Splices interconnects 2 sections while creating up to a 45 Degree bend to acc modate the minimum bend radius of the coax. These Splices allow interconnections and b to fit virtually any roof-top layout. Order Splices from below selection.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
NEW **410158** 1 EACH	Wireless Solutions MT-F1542-11 3 Years	8 feet long by 11.5 inches wide. Supports 4 cable runs. Heavy duty 11 gauge cover.	115.00 75 34.09	1 1 1
NEW **425145** 1 EACH	Wireless Solutions MT-F1543 3 Years	8 feet long by 21.5 inches wide. Supports 8 cable runs. Heavy duty 11 gauge cover.	94.00 94 42.72	9 9 9
NEW **438308** 1 EACH	Wireless Solutions MT-F1595 3 Years	8 feet long by 33 inches wide. Supports 12 cable runs. Heavy duty 11 gauge cover.	250.00 154 69.99	2 2 2
66999 1 EACH	Wireless Solutions MT-F1544-11 3 Years	Straight splice for heavy duty 4-run bridge kit.	13.50 4 1.82	1 1 1
15392 1 EACH	Wireless Solutions MT-F1545 3 Years	Straight splice for 8-run bridge kit.	15.00 8 3.64	1 1 1
53785 1 EACH	Wireless Solutions MT-F1596 3 Years	Straight splice for 12-run bridge kit.	27.00 8 3.64	2 2 2
40571 1 EACH	Wireless Solutions MT-F1573-11 3 Years	Adjustable splice for heavy duty 4-run bridge kit.	15.50 8 3.64	1 1 1
78964 1 EACH	Wireless Solutions MT-F1574 3 Years	Adjustable splice for heavy duty 8-run bridge kit.	24.00 8 3.64	2 2 2
27357 1 EACH	Wireless Solutions MT-F1597 3 Years	Adjustable splice for heavy duty 12-run bridge kit.	73.00 63 28.63	7 7 7

Roof Mounted Coax Bridge Kit



47064

Waveguide channel provides support and protection for zontal waveguide runs. Channels are formed of steel and dipped galvanized after fabrication. Roof kit consists of si channel, three 4" square PVC sleepers that are provided 4" holes to accommodate snap-in hanger kits. All mounti hardware is included .

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	
47064 1 EACH	Microflect/Valmont B1542-11 2 Years	8 feet long by 11.5 inches wide. Supports 4 cable runs. 11 gauge steel construction.	115.00 73.4 33.36	1 1 1
84926 1 EACH	Microflect/Valmont B1542-14 2 Years	8 feet long by 11.5 inches wide. Supports 4 cable runs. 14 gauge steel construction.	103.00 55.2 25.09	1 1 1
34648 1 EACH	Microflect/Valmont B1543 2 Years	8 feet long by 22.5 inches wide. Supports 8 cable runs. 11 gauge steel construction.	165.00 111.5 50.68	1 1 1
36105 1 EACH	Microflect/Valmont B1595 2 Years	8 feet long by 33.0 inches wide. Supports 12 cable runs. 11 gauge steel construction.	250.00 140 63.63	2 2 2

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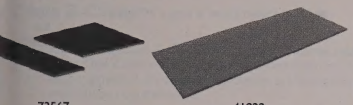
ftop Coax Sleepers

93026

Pre-drilled, non-penetrating roof sleeper kits are used to attach cable to flat roofs or walls. Each sleeper accommodates two Super Hanger Blocks or three Mini Dual Blocks mounted side-by-side. It is also punched with five 3/4" holes for snap-ins, and five 3/8" holes for standard hangers.

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
26 CH	Wireless Solutions CT-S12 3 Years	12-3/4" long x 3-1/2" wide x 1-1/8" high sleeper with 5 holes for Snap-in's and Butterfly hangers.	7.00 1.35 0.61	6.86 6.79 6.72

f-top Sleeper Pads



73567 41822

Cable Tray Sleeper Pads protect roof surfaces from possible damage due to vibration common on roofs which incorporate a light pitch or slope. High-strength, 1/4", synthetic rubber construction.

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
57 CH	Wireless Solutions CT-P4 3 Years	4" x 1/4" x 10'	28.00 6.82 3.1	27.44 27.16 26.88
50 CH	Wireless Solutions CT-P8 3 Years	8" x 1/4" x 10'	56.00 15 6.82	54.88 54.32 53.76
2 CH	Wireless Solutions MT-F1637 3 Years	1/2" x 18" x 48" Rubber Mat Kit	13.50 3.1 1.41	13.23 13.10 12.96

of Top PVC Sleeper.

449176

Sleepers, which are included with the Roof-Mounted Coax Bridge kits, may be used separately when the protection of a steel cover is not necessary. Sleepers are grey, 4"x 4" UV resistant PVC with 3/4" holes for Snap-in hangers. Protective Rubber Mat to position under sleepers available below. These Mat's are ideal for use as a walking pad when required to comply with individual building codes.

ing product table (1 of 2)

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
2 H	Microflect/Valmont B1585 2 Years	96" sleeper supplied with no holes. Drill own holes.	20.00 11.8 5.36	19.70 19.60 19.50
3 H	Microflect/Valmont B1598 2 Years	22" sleeper for Four runs of cable.	13.00 3 1.36	12.81 12.74 12.68
6 H	Microflect/Valmont B1724 2 Years	23 3/4" sleeper for Four runs of cable.	16.00 3 1.36	15.76 15.68 15.60
9 H	Microflect/Valmont B1725 2 Years	30-3/4" sleeper for Seven runs of cable.	22.00 5 2.27	21.67 21.56 21.45
6 H	Microflect/Valmont B1599 2 Years	32" sleeper for Eight runs of cable.	18.00 5 2.27	17.73 17.64 17.55
2 H	Microflect/Valmont B1726 2 Years	39" sleeper for Ten runs of cable.	36.00 3 1.36	35.46 35.28 35.10
6 H	Microflect/Valmont B1600 2 Years	42" sleeper for Twelve runs of cable.	28.00 9 4.09	27.58 27.44 27.30
3 H	Wireless Solutions MT-F1585 3 Years	8' PVC Roof Sleeper with no holes	28.00 14.4 6.54	27.44 27.16 26.88
6 H	Wireless Solutions MT-F1724 3 Years	PVC Roof Sleeper for 3 runs of Coax.	11.50 2.4 1.09	11.27 11.16 11.04
H	Wireless Solutions MT-F1598 3 Years	PVC Roof Sleeper for 4 runs of Coax.	13.50 2.9 1.32	13.23 13.10 12.96
H	Wireless Solutions MT-F1725 3 Years	PVC Roof Sleeper for 6 runs of Coax.	16.50 7.3 3.32	16.17 16.01 15.84
H	Wireless Solutions MT-F1599 3 Years	PVC Roof Sleeper for 8 runs of Coax.	18.50 5.71 2.6	18.13 17.95 17.76

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
79237 1 EACH	Wireless Solutions MT-F1726 3 Years	PVC Roof Sleeper for 9 runs of Coax.	27.00 5.71 2.6	26.46 26.19 25.92
448150 1 EACH	Wireless Solutions MT-F1600 3 Years	PVC Roof Sleeper for 12 runs of Coax.	29.00 5.71 2.6	28.42 28.13 27.84

Sleeper Alignment Guide.

52536 42947

The Sleeper Alignment Guide maintains correct sleeper position while the coax is secured to the sleepers with Snap-in hangers. The Guide prevents movement of the sleepers and assures alignment of the formed-steel cover bolt holes with those in the sleeper.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
52536 1 EACH	Wireless Solutions MT-F1571 3 Years	Alignment guide for roof-top coax bridge kit.	115.00 30 13.64	112.70 111.55 110.40
42947 1 EACH	Microflect/Valmont B1571 2 Years	Includes two 8' sections for each side of the bridge.	110.00 30 13.64	108.35 107.80 107.25

Extension Kit for Bridge Kit

65750

The 45 Degree Extension Kit protects coax as it extends upward towards entry panels, cabinets or antennas.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
65750 1 EACH	Wireless Solutions MT-F1703 3 Years	Extension kit for roof-top coax bridge kit. For 4-run bridge kit.	63.00 40 18.18	61.74 61.11 60.48
61348 1 EACH	Microflect/Valmont B1703 2 Years	Extension Kit for 4-run Bridge.	60.00 25 11.36	59.10 58.80 58.50
14143 1 EACH	Wireless Solutions MT-F1704 3 Years	Extension kit for roof-top coax bridge kit. For 8-run bridge kit.	84.00 16.5 7.5	82.32 81.48 80.64
15732 1 EACH	Microflect/Valmont B1704 2 Years	Extension Kit for 8-run Bridge.	80.00 42.5 19.32	78.80 78.40 78.00

Straight and Hinged Splice

22891

The straight splice is used to join two sections of roof mounted coax bridge channel. The splice can also be used as a hinge to accomodate vertical angles, 25 degrees up or down.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
22891 1 EACH	Microflect/Valmont B1596 2 Years	Made of 11 gauge galvanized steel. No hardware is provided. Use with narrow bridge B1595.	17.00 7.3 3.32	16.75 16.66 16.58
20636 1 EACH	Microflect/Valmont B1544-11 2 Years	Made of 11 gauge galvanized steel. HARDWARE IS PROVIDED. Use with narrow B1542 or 11 guage roof-mounted coax kits.	10.00 3.4 1.55	9.85 9.80 9.75
71712 1 EACH	Microflect/Valmont B1544-14 2 Years	Made of 14 gauge galvanized steel. HARDWARE IS PROVIDED. Use with narrow B1542 or 14 guage roof-mounted coax kits.	8.00 3 1.36	7.88 7.84 7.80
73041 1 EACH	Microflect/Valmont B1545 2 Years	Made of 11 gauge galvanized steel. HARDWARE IS PROVIDED. Use with narrow B1543 or 22.5" wide roof-mounted coax kits.	12.00 5 2.27	11.82 11.76 11.70

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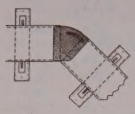
Adjustable 0-45 Degree Splice.

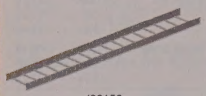


89494

Adjustable 0-45 degree splices interconnect in line roof-mounted coax bridge kits. Includes hardware. All components are hot-dipped galvanized.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
89494	Microflect/Valmont	0-45 degree splice for 11 guage cable tray (B1542-11)	13.00	12.81
1 EACH	B1573		7.3	12.74
	2 Years		3.32	12.68
37887	Microflect/Valmont	0-45 degree splice for B1543 cable tray.	24.00	23.64
1 EACH	B1574		10	23.52
	2 Years		4.54	23.40
61284	Microflect/Valmont	0-45 degree splice for B1595 cable tray.	73.00	71.91
1 EACH	B1597		39	71.54
	2 Years		17.73	71.18

Ladder Tray Straight Sections

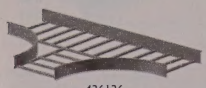


429158

Ladder Tray Straight Sections provide support and protection for straight runs of coax cable in wireless roof-top applications. Features U-shaped side rails and rectangular support rungs that provide 4" of depth. Provided in 12' lengths with support rungs spaced 9" apart. Includes 1 pair of splice plates to create longer runs. Aluminum construction.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Wireless Solutions	12' long x 6" wide	82.00	80.36
487040	LT-06-4D		16.9	79.54
1 EACH	1 Year		7.68	78.72
NEW	Wireless Solutions	12' long x 9" wide	87.00	85.26
429158	LT-09-4D		18.1	84.39
1 EACH	3 Years		8.23	83.52
NEW	Wireless Solutions	12' long x 12" wide x 6" deep	125.65	123.14
455307	LT-12-6D		24	121.89
1 EACH	3 Years		10.91	120.63
NEW	Wireless Solutions	12' long x 12" wide	92.00	90.16
89765	LT-12-4D		19.2	89.24
1 EACH	3 Years		8.73	88.32
NEW	Wireless Solutions	12' long x 18" wide	98.00	96.04
491189	LT-18-4D		21.6	95.06
1 EACH	3 Years		9.82	94.08
NEW	Wireless Solutions	12' long x 24" wide	107.00	104.86
453030	LT-24-4D		25	103.79
1 EACH	3 Years		11.36	102.72

Ladder Tray T-Junctions

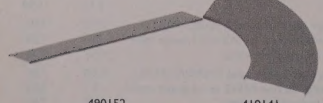


436136

Ladder Tray T-Junction Sections support and protect coax cable while allowing it to branch off in the direction of 2 different sectors. Features U-shaped side rails and rectangular support rungs that provide 4" of depth. The T-Junctions provide a 24" bend radius to simplify installation. 2 Pairs of splice plates are included to connect to other Ladder Tray sections. Aluminum construction.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Wireless Solutions	12" wide, 24" bend radius	101.00	98.98
436136	LT-TJ-12-4D		13.1	97.97
1 EACH	3 Years		5.95	96.96

Tray Covers for Ladder Tray Sections



490152 419141

Tray Covers are to prevent cables enclosed in Ladder Tray sections from damage. Aluminum construction and available in Straight, 45 Degree, 90 Degree and T-Junction sections. Attachment clips to secure the cover to the ladder tray section are sold separate.

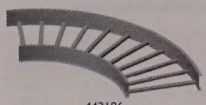
Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Wireless Solutions	Two Straight Covers 6' long x 6" wide	33.00	32.34
490152	LT-VSS-06-A		5.1	32.01
1 EACH	3 Years		2.32	31.68

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW	Wireless Solutions	Two Straight Covers 6' long x 9" wide	42.00	41
410156	LT-VSS-09-A		6.8	40
1 EACH	3 Years		3.09	40
NEW	Wireless Solutions	Two Straight Cover 6' long x 12" wide	50.00	49
89771	LT-VSS-12-A		8.5	48
1 EACH	3 Years		3.86	48
NEW	Wireless Solutions	Two Straight Cover 6' long x 24" wide	84.00	82
457063	LT-VSS-24-A		15.3	81
1 EACH	3 Years		6.95	80
NEW	Wireless Solutions	45 Degree Bend Cover 2' long x 12" wide	26.00	25
495011	LT-V45-12-A		1.7	25
1 EACH	3 Years		0.77	24
NEW	Wireless Solutions	90 Degree Bend Cover 2' long x 12" wide	40.00	39
456170	LT-V90-12-A		3.1	38
1 EACH	3 Years		1.41	38
NEW	Wireless Solutions	90 Degree Bend Cover 2' long x 24" wide	67.00	65
419141	LT-V90-24-A		5.6	64
1 EACH	3 Years		2.55	64

90 Degree Bends

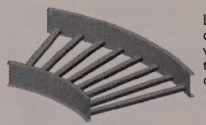


443186

Ladder Tray 90 Degree Bend Sections support and protect coax cable while diverting the coax toward individual sect and bypassing roof-top obstacles. Features U-shaped side and rectangular support rungs that provide 4" of depth. Th bends provide a 24" bend radius to simplify installation. 1 P splice plates are included to connect to other Ladder Tray tions. Aluminum construction.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW	Wireless Solutions	9" wide, 24" bend radius	52.00	5
443186	LT-C90-09-4D		5.4	5
1 EACH	3 Years		2.45	4
NEW	Wireless Solutions	12" wide, 24" bend radius	56.00	5
473136	LT-C90-12-4D		6.4	5
1 EACH	3 Years		2.91	5
NEW	Wireless Solutions	24" wide, 24" bend radius	68.00	6
443187	LT-C90-24-4D		9.8	6
1 EACH	3 Years		4.45	6

45 Degree Bends

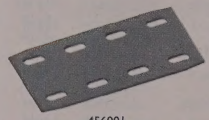


423093

Ladder Tray 45 degree bends provide support and protectio coax runs while diverting the coax toward individual sector while avoiding roof-top obstacles. These aluminum section ture U-shaped side rails and round support rungs to provid of depth for coax cable.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T T T
NEW	Wireless Solutions	12" wide, 24" bend radius	35.00	3
421038	LT-C45-12-4D		3.5	3
1 EACH	3 Years		1.59	3
NEW	Wireless Solutions	24" wide, 24" bend radius	41.00	4
423093	LT-C45-24-4D		6	3
1 EACH	1 Year		2.73	3

Splice Kits for Ladder Tray Sections



456001

Splice Kits allow 2 sections of Ladder Tray to be connect together to complete a roof-top cable tray system. All ne sary attachment hardware is included with each kit. Kit's

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW	Wireless Solutions	Ladder Tray Straight Splice	6.50
456001	LT-SS-A		1.2
2 PACK	3 Years		0.55

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er Attachment Clip

Cover Attachment Clip's are used to secure tray covers to ladder tray sections. Order 6 per tray section.

72

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
/	Wireless Solutions	Cover Attachment Clip	1.00	0.98
2	LT-VC-A		0.1	0.97
H	3 Years		0.05	0.96

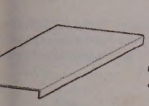
d Down Z-Clamp

The Hold Down Z-Clamp secures Ladder Tray sections to wall or roof-top surfaces. This Z-shaped bracket rests around section side rails to securely hold the tray in position. Installation hardware is purchased separately based on your exact application requirements.

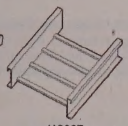
62

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
/	Wireless Solutions	Hold Down Z-Clamp	6.50	6.37
2	LT-ZC-A		0.2	6.31
H	3 Years		0.09	6.24

der Type Cable Tray



10864

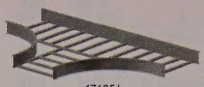


413087

GS Metals aluminum cable tray provides a convenient way to route and support transmission lines in roof-top applications. These lightweight sections are 4" deep and comes in various widths to accommodate many coax capacity requirements. Cable is supported by rungs spaced every 9". One pair of splice plates are included with each section. A large selection of covers, bends, junctions and other accessories are available.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
7	GS Metals	12' long x 6" wide aluminum cable tray.	77.30	76.18
H	ALLSSS0906000412		19.2	75.80
	15 Years		8.73	75.41
0	GS Metals	12' long x 6" wide aluminum cable tray cover	32.80	32.35
H	ACLFSSOS060012		5	32.18
	15 Years		2.27	32.02
0	GS Metals	12' long x 12" wide aluminum cable tray.	80.40	79.25
H	ALLSSS0912000412		19.2	78.85
	15 Years		8.73	78.45
	GS Metals	12' long x 12" wide aluminum cable tray cover	29.90	29.49
H	ACLFSSOS120012		8.5	29.34
	15 Years		3.86	29.19
7	GS Metals	12' long x 18" wide aluminum cable tray.	75.20	74.15
H	ALLSSS0918000412		21.6	73.78
	15 Years		9.82	73.40
	GS Metals	12' long x 18" wide aluminum cable tray cover	39.70	39.15
H	ACLFSSOS180012		11.9	38.95
	15 Years		5.41	38.75
	GS Metals	Stainless steel clip for attaching cover to cable tray.	0.90	0.89
H	PSCLIP		0.1	0.89
	15 Years		0.05	0.88
	GS Metals	Reducer from 24" to 12"	13.65	13.42
H	ACLFSROO24124		3.07	13.36
	1 Year		1.4	13.29

Ladder Type Tee Sections



476051

GS Metals aluminum Tee sections are to be used with ladder type cable tray to branch off right and left from a straight section. Optional covers are shown below each section.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
476051	GS Metals	12" wide x 4" high Tee	98.00	96.63
1 EACH	ALLSHT9012244		13.1	96.14
	15 Years		5.95	95.65
65173	GS Metals	Cover for 12" wide, aluminum horizontal tee for cable tray systems.	70.40	69.42
1 EACH	ACLFHT901224		6.19	69.07
	1 Year		2.81	68.71
497051	GS Metals	18" wide x 4" high Tee	110.50	108.96
1 EACH	ALLSHT9018244		15	108.41
	15 Years		6.82	107.85
65144	GS Metals	Cover for 18" wide, aluminum horizontal tee for cable tray systems.	83.80	82.63
1 EACH	ACLFHT901824		8.83	82.21
	1 Year		4.01	81.79

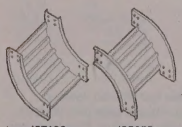
Ladder Type Horizontal Elbows

462010

GS Metals aluminum horizontal elbows can help make transistions for cable tray to go right or left. Various degrees of bend are available. Optional covers are shown below each elbow.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
474084	GS Metals	12" wide x 4" high 45 degree elbow	34.80	34.32
1 EACH	ALLSHE4512244		3.7	34.14
	15 Years		1.68	33.97
65243	GS Metals	Aluminum cover for 12" wide, 45 degree elbow.	28.00	27.61
1 EACH	ACLFHE451224		1.6	27.47
	1 Year		0.73	27.33
462010	GS Metals	18" wide x 4" high 45 degree elbow	37.25	36.73
1 EACH	ALLSHE4518244		4.2	36.55
	15 Years		1.91	36.36
65230	GS Metals	Aluminum cover for 18" wide, 45 degree elbow.	36.50	35.99
1 EACH	ACLFHE451824		2.57	35.81
	1 Year		1.17	35.63
439009	GS Metals	12" wide x 4" high 90 degree elbow	54.00	53.25
1 EACH	ALLSHE9012244		6.4	52.98
	15 Years		2.91	52.71
65177	GS Metals	Aluminum cover for 12" wide, 90 degree elbows.	43.10	42.50
1 EACH	ACLFHE901224		3.07	42.29
	1 Year		1.4	42.07
441094	GS Metals	Aluminum cover for 18" wide, 90 degree elbows.	63.75	62.86
1 EACH	ALLSHE9018244		7.8	62.54
	15 Years		3.55	62.22
65209	GS Metals	Aluminum cover for 18" wide, 90 degree elbows.	55.00	54.23
1 EACH	ACLFHE901824		4.71	53.96
	1 Year		2.14	53.68

Ladder Type Vertical Bends



457139 435055

GS Metals aluminum vertical risers can help make transistions for cable tray to go up and over a wall or other obsticles. The inside vertical riser can be added to a straight section to go up a wall. The outside vertical riser can be used to transition over a wall. Inside and outside vertical bends for ladder type cable tray. Optional covers are shown below each bend.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
457139	GS Metals	12" wide x 4" high aluminum tray with a 45 degree inside vertical bend.	40.40	39.84
1 EACH	ALLSIV4512244		6	39.64
	15 Years		2.73	39.43
413016	GS Metals	12" wide aluminum cover tray for cable tray with a 45 degree inside vertical bend.	12.90	12.68
1 EACH	ACLFIV4512244		6	12.62
	15 Years		2.73	12.56
426159	GS Metals	18" wide x 4" high aluminum tray with a 45 degree inside vertical bend.	42.55	41.94
1 EACH	ALLSIV4518244		20	41.73
	1 Year		9.09	41.51
437037	GS Metals	18" wide aluminum cover for a cable tray with a 45 degree inside vertical bend.	15.30	15.09
1 EACH	ACLFIV4518244		6	15.01
	15 Years		2.73	14.94

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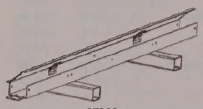
Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
450155 1 EACH	GS Metals ALLSOV4512124 15 Years	12" wide x 4" high aluminum tray with a 45 degree outside vertical bend.	34.45 6 2.73	33.95 33.78 33.61
448021 1 EACH	GS Metals ACLFOV4512244 1 Year	12" wide aluminum cover for cable tray with a 45 degree outside vertical bend.	12.90 3.07 1.4	12.68 12.62 12.56
430130 1 EACH	GS Metals ALLS-OV451824-4 15 Years	18" wide x 4" high aluminum tray with a 45 degree outside vertical bend.	53.30 6 2.73	52.56 52.29 52.03
493143 1 EACH	GS Metals ACLFOV4518244 1 Year	18" wide aluminum cover for cable tray with a 45 degree outside vertical bend.	17.70 3.5 1.59	17.46 17.37 17.28
496088 1 EACH	GS Metals ALLS-IV901224-4 15 Years	12" wide x 4" high aluminum tray with a 90 degree inside vertical bend.	74.00 20 9.09	72.97 72.60 72.23
480072 1 EACH	GS Metals ACLFIV9012244 15 Years	12" wide aluminum cover for cable tray with a 90 degree inside vertical bend.	10.45 6 2.73	10.29 10.24 10.18
474120 1 EACH	GS Metals ALLS-IV901824-4 15 Years	18" wide x 4" high aluminum tray with a 90 degree inside vertical bend.	93.00 6 2.73	91.70 91.24 90.77
462036 1 EACH	GS Metals ACLFIV9018244 15 Years	18" wide aluminum cover for cable tray with a 90 degree inside vertical bend.	22.45 6 2.73	22.14 22.03 21.92
435055 1 EACH	GS Metals ALLS-OV901224-4 15 Years	12" wide x 4" high aluminum tray with a 90 degree outside vertical bend.	74.00 6 2.73	72.97 72.60 72.23
421014 1 EACH	GS Metals ACLFOV9012244 1 Year	12" wide aluminum cover for cable tray with a 90 degree outside vertical bend.	17.20 3.07 1.4	16.94 16.86 16.77
488057 1 EACH	GS Metals ALLS-OV901824-4 15 Years	18" wide x 4" high aluminum tray with a 90 degree outside vertical bend.	92.50 6 2.73	91.21 90.75 90.28
427114 1 EACH	GS Metals ACLFOV9018244 1 Year	18" wide aluminum cover for cable tray with a 90 degree outside vertical bend.	35.35 3.07 1.4	34.86 34.68 34.51
457094 1 EACH	GS Metals ALLS-OV902424-4 15 Years	24" wide x 4" high aluminum tray with a 90 degree outside vertical bend.	49.50 6 2.73	48.77 48.52 48.28
417011 1 EACH	GS Metals ACLFOV9024244 1 Year	24" wide aluminum cover for cable tray with a 90 degree outside vertical bend.	25.25 3.07 1.4	24.87 24.75 24.62

Cable Tray with Hinged Cover



87389

Fast and easy method to protect cable at rooftop sites. Cable lies inside these 8 foot long by 6 inch wide trays without the support of snap-in hangers. A hinged lid is provided to protect the cable from the elements. The tray sits on two 4"x4" PVC sleepers that are provided. A straight splice is attached to join two pieces. An adjustable splice is available separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
87389 1 EACH	Microflect/Valmont B1875 2 Years	8' x 6" cable tray with hinged cover	195.00 30 13.64	192.08 191.10 190.13
35782 1 EACH	Microflect/Valmont B1876 2 Years	0 to 45 degree adjustable splice for the B1875 cable tray	69.00 15 6.82	67.97 67.62 67.28

Pipe Pier

456039

The pipe pier provides support to pipe or cable systems on rooftops. Designed to carry a maximum load of 100 pounds, the pipe pier places a soft pliable barrier between the cable and the floor surface. Pipe pier uses standard strut accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
456039 10 PACK	Erico Products, Inc. 647040410PG 1 Year	4" x 4" x 10.5" foam polyethylene block with a 1 5/8" x 13/16" strut channel running through the center.	105.00 14 6.36	105.00 102.90 101.85

Vertical Cable/Waveguide Ladder [435-15]

If you are buying these, you may need:

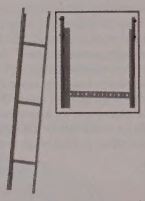
Wrenches . . . . . page 15
Nuts, HEX and Keep . . . . . page 17

Universal Vertical Waveguide Ladder

Each cable ladder section consists of 2" hot-dipped galva steel angle rails with interconnecting splice plates to allo multiple ladder sections to be joined together. Three (in 10') or Six (incl w/ 20') ladder rungs are provided with e ladder. Rungs are prepunched with 7/16" holes for butte hangers and coax blocks & 3/4" holes for snap-in hange Universal Hardware for attachment to round or angle m bers is included.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 484398 1 EACH	Wireless Solutions CL-0810-U 5 Years	26" wide cable ladder to support 8 runs of coax. Includes universal hardware to mount to round and angled tower members. 10' in length.	104.50 66 30	10 10 10
NEW 425388 1 EACH	Wireless Solutions CL-0820-U 5 Years	26" wide cable ladder to support 8 runs of coax. Includes universal hardware to mount to round and angled tower members. 20' in length.	171.00 130 59.08	16 16 16
NEW 452319 1 EACH	Wireless Solutions CL-1210-U 3 Years	38" wide cable ladder to support 12 runs of coax. Includes universal hardware to mount to round and angled tower members. 10' in length.	110.50 75 34.09	10 10 10
NEW 443364 1 EACH	Wireless Solutions CL-1220-U 5 Years	38" wide cable ladder to support 12 runs of coax. Includes universal hardware to mount to round and angled tower members. 20' in length.	183.00 128 58.18	17 17 17

Wireless Solutions Cable Ladders



Cable ladder which includes rungs for butterfly a snap-in hangers. Must order hardware separate. Se below at the Universal Cable ladder Hardware ki your specific application.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 449386 1 EACH	Wireless Solutions CL-08R.01 3 Years	26" wide Cable ladder rung which includes 12-hole rungs for butterfly and snap-in hangers.	8.85 2.5 1.14	
NEW 489335 1 EACH	Wireless Solutions CL-0810-NH 3 Years	26" wide x 10' long Cable ladder which includes 8-hole rungs for butterfly and snap-in hangers.	82.00 60 27.27	
NEW 410188 1 EACH	Wireless Solutions CL-1210-NH 3 Years	38" wide x 10' long Cable ladder which includes 12-hole rungs for butterfly and snap-in hangers.	88.00 65 29.54	
NEW 415306 1 EACH	Wireless Solutions CL-0420-NH 3 Years	14" wide x 20' long Cable ladder which includes 4-hole rungs for butterfly and snap-in hangers. ***Order attachment hardware seperately***	114.00 108 49.09	
NEW 447395 1 EACH	Wireless Solutions CL-0820-NH 3 Years	26" wide x 20' long Cable ladder which includes 8-hole rungs for butterfly and snap-in hangers.	126.00 115 52.27	
NEW 482116 1 EACH	Wireless Solutions CL-1220-NH 3 Years	38" wide x 20' long Cable ladder which includes 12-hole rungs for butterfly and snap-in hangers.	138.00 122 55.45	

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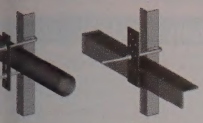
versal Cable Ladder Hardware Kits



443113 476123

All required hardware to securely mount the cable ladders to 1" to 4-1/2" round members or 2" to 5" angle members. A minimum of one kit is required per 10' Cable ladder section, or two kits per 20' section. All material is hot-dipped galvanized steel to withstand the harshest environmental conditions.

lo. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
0 CK	Wireless Solutions HK-CL-U 3 Years	Universal Cable Ladder Kit for 1" to 4-1/2" round members or 2" to 5" angle members.	22.50 5 2.27	22.05 21.83 21.60
V 13 CK	Wireless Solutions HK-CL-R 3 Years	Universal Cable Ladder Hardware Kit for 1" to 4-1/2" round members.	18.00 4 1.82	17.82 17.55 17.28
V 23 CK	Wireless Solutions HK-CL-A 3 Years	Universal Cable Ladder Hardware Kit for 2" to 5" angle members.	13.50 4 1.82	13.37 13.17 12.96
V 59 CH	Wireless Solutions CL-20-H 3 Years	Hardware Kit for 20' Cable Ladder	11.20 6 2.73	11.09 10.92 10.76

p Kits for Cable Ladders

Attachment Kits allow Cable Ladders to be securely mounted to round and angle tower support members. Each kit includes 3/8" galvanized j-bolts which affix to the vertical rails of the cable ladder, and utilize clamping plates for attachment for tower members. Each Attachment Kit includes two complete attachments which mount to both rails of the cable ladder to accommodate a single tower cross-member. A minimum of one kit is required per 10' long Cable Ladder section, or two kits per 20' long section.

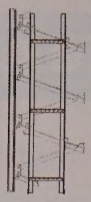
o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
5 K	Wireless Solutions JC-K4 3 Years	J-Clip Kit for up to 1 1/2" Angle Member	8.50 3 1.36	8.42 8.29 8.16
1 K	Wireless Solutions JC-K6 3 Years	J-Clip Kit for 1 1/2" to 3 1/2" Angle Member	8.60 2.3 1.05	8.52 8.39 8.26
2 K	Wireless Solutions JC-K7 3 Years	J-Clip Kit for 3 1/2" to 4 1/2" Angle Member	9.00 3 1.36	8.91 8.78 8.64
0 K	Wireless Solutions JC-K8 3 Years	J-Clip Kit for 4 1/2" to 5 1/2" Angle Member	9.20 3.3 1.5	9.11 8.97 8.84

x Support Ladders

20' Field Assembled Coax Ladder. Each ladder section is constructed of angle rungs bolted to the hardware for tower attachment. Two hardware mounting kits are provided with the 20' ladder.

n	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1 H	Microflect/Valmont B2451 2 Years	20' field assembled coax ladder, 2' 8 1/4" wide rungs for 12 runs of coax, attaches to angle tower members up to 5". Comes with 4 J-Bolts 9 1/2" long with 4 1/2" of thread.	210.00 110 50	206.85 205.80 204.75
0 1	Microflect/Valmont 35-103893 2 Years	MICROFLECT Ladder Rung. 2' 8-1/4" wide. (12) 3/4" holes and (12) 7/16" holes. Requires 2 of SKU 480116 and 1 of SKU 65436 for installation to ladder.	5.90 4 1.82	5.82 5.79 5.76
1	Microflect/Valmont B1751 1 Year	Base Ladder Kit for supporting cable at ground level.	50.00 15 6.82	49.25 49.00 48.75

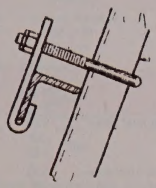
Vertical Waveguide Ladder



Rohn Waveguide ladders for vertical mounting of cable to the inside or outside face of a tower. Ladder rungs feature 16 or 30 holes. Alternating 3/4" and 7/16" holes to accommodate standard or snap-in hangers. Only the 3/8" or the 3/4" holes can be used at one time. All components galvanized steel. MOUNTING CLIPS OR CLAMPS FOR MOUNTING LADDER MUST BE ORDERED SEPARATELY.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
98729 1 EACH	Rohn Tower WL10F84KD 1 Year	10 FT Ladder for 8 cable runs. 4 ft between ladder rungs.	60.00 36 16.36	50.40 48.00 45.30
89854 1 EACH	Rohn Tower WL10F154KD 1 Year	10 FT Ladder for 15 cable runs. 4 ft between ladder rungs.	65.00 40 18.18	54.60 52.00 49.08
68517 1 EACH	Rohn Tower WL20F84KD 1 Year	20 FT Ladder for 8 cable runs. 4 ft between ladder rungs.	125.00 67 30.45	105.00 100.00 94.38
37767 1 EACH	Rohn Tower WL20F154KD 1 Year	20 FT Ladder for 15 cable runs. 4 ft between ladder rungs.	120.00 75 34.09	100.80 96.00 90.60

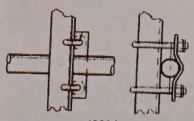
Waveguide Ladder Clip Assemblies.



Waveguide ladder clips assembly for use with Rohn waveguide ladders. Includes clip and J-bolt assembly. Use when mounting waveguide ladder to 1 1/2"- 4" angle members. Use three clip assemblies per ladder section. Galvanized steel.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
435007 1 PACK	Rohn Tower H184WJ 1 Year	Angle clip assembly (pair) for 1-1/2" to 5" angle members.	16.70 1.75 0.8	14.17 13.67 13.00

Waveguide Ladder Clamp Assemblies.



62814

Waveguide ladder clamp assembly for use with Rohn waveguide ladders. Includes J bolt clamps and round member bracket. Use when mounting waveguide ladder to horizontal round members. Order one clamp assembly for each horizontal brace that the waveguide ladder crosses. Galvanized steel.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
62814 1 EACH	Rohn Tower WY3080A 1 Year	Clamp assembly for 1-1/2"-2-3/8" round members.	7.50 3.6 1.64	6.38 6.15 5.85
11207 1 EACH	Rohn Tower WY3081A 1 Year	Clamp assembly for 2-7/8"-3-1/2" round members.	8.00 0.5 0.23	6.80 6.56 6.24
53076 1 EACH	Rohn Tower WY3082A 1 Year	Clamp assembly for 4"-4-1/2" round members.	12.00 1 0.45	10.20 9.84 9.36

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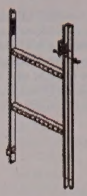
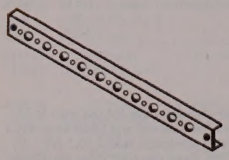
Vertical/Horizontal Ladder Sections



Tower Structures waveguide ladder/bridge is 20' long and comes with 6 rungs, spaced 40 inches apart. Choose between 12", 24" or 36" wide rungs. Rungs have 3/8" holes for butteryfly hangers & 3/4" holes for snap-in hangers. Use either vertically as a waveguide ladder or horizontally as a waveguide bridge.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
424012 1 EACH	Tower Structures WLKD-24 20 Years	20' waveguide ladder/bridge with 24" wide rungs with 10, 3/8" & 9 3/4" holes for butterfly & snap in hangers.	157.60 115 52.27	157.60 154.45 152.88
475036 1 EACH	Tower Structures WLKD-36 20 Years	20' waveguide ladder/bridge with 36" wide rungs with 15, 3/8" & 14, 3/4" holes for snap in & butterfly hangers.	177.35 115 52.27	177.31 173.77 172.00

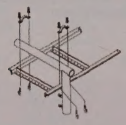
Ladder Rungs



Use with Waveguide Ladders for additional cable support.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
58066 1 EACH	Rohn Tower WY7460 1 Year	19" ladder rung with (8) 3/4" and (8) 7/16" holes.	4.00 2.3 1.05	3.40 3.28 3.12
62251 1 EACH	Rohn Tower WY7459 1 Year	35" ladder rung with (15) 3/4" and (15) 7/16" holes.	5.95 4 1.82	5.06 4.88 4.65
458060 1 EACH	Tower Structures WLR-12 20 Years	12" ladder rung with five 3/8" & four 3/4" holes for butterfly & snap in hangers.	7.90 1.35 0.61	7.88 7.73 7.65
444038 1 EACH	Tower Structures WLR-24 20 Years	24" ladder rung with ten 3/8" & nine 3/4" holes for butterfly & snap in hangers.	9.85 4 1.82	9.85 9.66 9.56
445004 1 EACH	Tower Structures WLR-36 20 Years	36" ladder rung with fifteen 3/8" & fourteen 3/4" holes for butterfly & snap in hangers.	13.80 4.15 1.89	13.79 13.52 13.38

L-Head Support for 24" Ladder



L-Heads make converting waveguide ladder to waveguide bridging quick and easy. This 24" bridging bracket comes with 3" hold down clamps and J-bolts for attaching waveguide ladder sections.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
34059 1 EACH	Tower Structures LHD24 20 Years	L-Head support for 24" waveguide ladder	153.00 60 27.27	153.00 149.94 148.41

Wall/Roof Feed Thrus [435-30]

If you are buying these, you might need:

Waveguide Boots and Cushions . . . . . page 5
Indoor/Outdoor Enclosures . . . . . page 5
Shelter Cable Support Systems. . . . . page 5
Grounding Systems . . . . . page 5
Power Drills. . . . . page 15
Tool Kits, Complete. . . . . page 15

Tube Entry Kit

51447

Tube entries are used for a single cable run through walls single roof entry. As a roof entry, they are sealed with B1 roofing compound. Can be used on thin or thick walls up 20". Cable boot should be used on the exterior end to w erproof the entry. Use B184 sealant to weatherproof the side of the tube. Tube is threaded PVC tubing.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	No. of Ports	Wall Opening (W x H) Overall Size (W x H)	List ($) Wt. (lbs) Wgt. (kg.)
74354 1 EACH	Wireless Solutions MT-101 3 Years	One 3 1/16" hole.	4" diameter 12" long	55.00 3 1.36
51447 1 EACH	Microflect/Valmont B101 2 Years	One 3 1/16" hole.	4" diameter 12" long	63.00 4 1.82
86319 1 EACH	Wireless Solutions MT-102 3 Years	One 3 1/16" hole	4" diameter 18" long	60.00 5 2.27
89840 1 EACH	Microflect/Valmont B241 2 Years	One 3 1/16" hole.	4" diameter 18" long	70.00 4.8 2.18
59891 1 EACH	Wireless Solutions MT-103 3 Years	One 3 1/16" hole	4" diameter 24" long	70.00 5.5 2.5
38233 1 EACH	Microflect/Valmont B242 2 Years	One 3 1/16" hole	4" diameter 24" long	75.00 5.2 2.36
76626 1 EACH	Microflect/Valmont B518 2 Years	Single 4" hole	5" diameter 12" long	75.00 4.3 1.95
25019 1 EACH	Microflect/Valmont B519 2 Years	Single 4" hole	5" diameter 18" long	80.00 5 2.27
63412 1 EACH	Microflect/Valmont B520 2 Years	Single 4" hole	5" diameter 24" long	85.00 6 2.73

Coax/Electrical Entry Tube

69386

Coaxial Waveguide or electrical entry. 1" pipe thread aft reducer or 1-1/4" pipe thread. May be used with B418 o coax entry connectors.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	No. of Ports	Wall Opening (W x H) Overall Size (W x H)	List ($) Wt. (lbs) Wgt. (kg.)
69386 1 EACH	Microflect/Valmont B532 2 Years	1	1-1/4" Threaded Conduit Waveguide entry tube	33.00 3.4 1.55

4" Port Waveguide Entries

62163

4" aluminum waveguide entries designed for wall or roof installation may used inside to enhance appearance. Painted machinery gray. Installation l ware, #14 stainless steel screws, washers, plastic anchors and sealing cap included with each entry. Order cable boots separately.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	No. of Ports	Wall Opening (W x H) Overall Size (W x H)	List ($) Wt. (lbs) Wgt. (kg.)
68203 1 EACH	Wireless Solutions EP-220 2 Years	1	4" x 4" 7" x 7"	21.00 0.7 0.32

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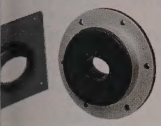
ing product table (2 of 2)

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	No. of Ports	Wall Opening (W x H) Overall Size (W x H)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
63 CH	Microflect/Valmont B220 2 Years	1	4" x 4" 7" x 7"	21.00 0.7 0.32	19.74 19.32 18.90
W 69 CH	Wireless Solutions EP-574 2 Years	1	4" x 4" 5.5" x 5.5"	21.00 0.7 0.32	19.64 19.22 18.80
63 CH	Microflect/Valmont B574 2 Years	1	4" x 4" 5" x 5"	21.00 0.8 0.36	19.74 19.32 18.90

gle Wall Feed-Through



9146 65223

Single entrance wall/roof feed-through assembly. Includes galvanized steel plate, stainless steel hose clamp and plastic sealing compound.

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	No. of Ports	Wall Opening (W x H) Overall Size (W x H)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
46 CH	RFS Cablewave 921248-012 1 Year	1	For 1/2" dia. cable	51.50 2.26 1.03	36.57 33.99 31.42
V 47 H	Andrew Corporation 40656A-3 10 Years	1	For 1/2" dia. cable	51.50 1.1 0.5	37.34 34.77 32.19
V 98 H	Andrew Corporation 40656A-7 10 Years	1	For 5/8" dia. cable	52.50 2 0.91	50.93 50.14 49.35
58 H	RFS Cablewave 921248-078 1 Year	1	For 7/8" dia. cable	52.50 1.6 0.73	37.28 34.65 32.03
/ 56 H	Andrew Corporation 40656A-1 10 Years	1	For 7/8" dia. cable	52.50 2 0.91	38.07 35.44 32.82
30 H	RFS Cablewave 921248-114 1 Year	1	For 1-1/4" dia. cable	63.00 1.7 0.77	44.73 41.58 38.43
4 H	RFS Cablewave 920831 1 Year	1	For WE61 and WEP61 cable	95.00 1.6 0.73	67.45 62.70 57.95
4 H	RFS Cablewave 921248-158 1 Year	1	For 1-5/8" dia. cable	75.00 1.7 0.77	53.25 49.50 45.75
/ 09 H	Andrew Corporation 40656A-2 10 Years	1	For 1-5/8" dia. cable	75.00 2 0.91	54.38 50.63 46.88
3 H	RFS Cablewave 920738 1 Year	1	For WE65 and WEP65 cable	95.00 1.6 0.73	71.25 69.35 66.50

ort Waveguide Entries

95796

n	Manufacturer Mfg. P/N Warranty	No. of Ports	Wall Opening (W x H) Overall Size (W x H)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1	Wireless Solutions EP-1448 2 Years	2	12" x 5" 17.5" x 9.5"	41.00 3.5 1.59	38.34 37.52 36.70
1	Microflect/Valmont B1448 2 Years	2	10" x 4" 15.5" x 9.5"	41.00 3.5 1.59	38.54 37.72 36.90

4" Port Waveguide Entries

67423

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	No. of Ports	Wall Opening (W x H) Overall Size (W x H)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
90884 1 EACH	Wireless Solutions EP-1635 2 Years	3	15" x 4" 20" x 9.5"	58.00 13 5.91	54.23 53.07 51.91
67423 1 EACH	Microflect/Valmont B1635 2 Years	3	15" x 4" 20" x 9.5"	58.00 13 5.91	54.52 53.36 52.20

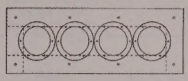
4" Port Waveguide Entries

4 Port Entry

10556

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	No. of Ports	Wall Opening (W x H) Overall Size (W x H)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
80168 1 EACH	Wireless Solutions EP-1199 2 Years	4	10" x 12" 17.5" x 17.5"	74.00 4.52 2.05	69.19 67.71 66.23
10556 1 EACH	Microflect/Valmont B1199 2 Years	4	10" x 12" 17.5" x 17.5"	74.00 4.8 2.18	69.56 68.08 66.60
13192 1 EACH	Microflect/Valmont B1650 1 Year	4	9.5" x 9.5" 11" x 11"	74.00 3.7 1.68	69.56 68.08 66.60

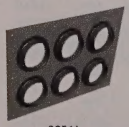
4" Port Waveguide Entries



48949

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	No. of Ports	Wall Opening (W x H) Overall Size (W x H)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
48949 1 EACH	Microflect/Valmont B575 2 Years	4	20.5" x 4" 25.5" x 9.5"	74.00 4.2 1.91	69.56 68.08 66.60
93382 1 EACH	Wireless Solutions EP-575 2 Years	4	20.5" x 4" 25.5" x 9.5"	74.00 4.2 1.91	69.19 67.71 66.23

4" Port Waveguide Entries



28561

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	No. of Ports	Wall Opening (W x H) Overall Size (W x H)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **439350** 1 EACH	Wireless Solutions EP-1650 2 Years	4	9.5" x 9.5" 11" x 11"	74.00 3.7 1.68	69.19 67.71 66.23
28561 1 EACH	Wireless Solutions EP-1449 2 Years	6	15" x 9.5" 23.0 X 17.5"	96.00 6 2.73	89.76 87.84 85.92
44189 1 EACH	Microflect/Valmont B1449 2 Years	6	15" x 9.5" 23.0 X 17.5"	96.00 6 2.73	90.24 88.32 86.40

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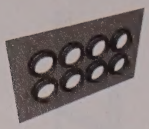
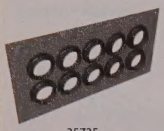
4" Port Waveguide Entries



Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	No. of Ports	Wall Opening (W x H) Overall Size (W x H)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
66954 1 EACH	Wireless Solutions EP-576 2 Years	8	20.5" x 9.5" 25.5" x 17.5"	128.00 6.2 2.82	119.68 117.12 114.56
33851 1 EACH	Microflect/Valmont B1338 2 Years	8	20.5" x 9.5" 28.5" x 17.5"	128.00 6.2 2.82	120.32 117.76 115.20
87342 1 EACH	Microflect/Valmont B576 2 Years	8	20.5" x 9.5" 25.5" x 17.5"	128.00 6.2 2.82	120.32 117.76 115.20

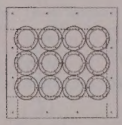
4" Port Waveguide Entries



35735

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	No. of Ports	Wall Opening (W x H) Overall Size (W x H)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36625 1 EACH	Wireless Solutions EP-1033 2 Years	9	15" x 15" 23" x 23"	140.00 7.05 3.2	130.90 128.10 125.30
15347 1 EACH	Wireless Solutions EP-1297 2 Years	10	26" x 9.5" 31" x 17.5"	159.00 6 2.73	148.67 145.49 142.31
35735 1 EACH	Microflect/Valmont B1297 2 Years	10	26" x 9.5" 31" x 17.5"	159.00 6 2.73	149.46 146.28 143.10
72244 1 EACH	Microflect/Valmont B1335 2 Years	10	26" x 9.5" 34" x 17.5"	159.00 6 2.73	149.46 146.28 143.10

4" Port Waveguide Entries



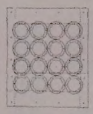
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	No. of Ports	Wall Opening (W x H) Overall Size (W x H)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
53740 1 EACH	Wireless Solutions EP-1118 2 Years	12	20.5" x 15" 25.5" x 25.5"	184.00 9 4.09	172.04 168.36 164.68
20637 1 EACH	Microflect/Valmont B1334 2 Years	12	20.5" x 15" 28.5" x 25.5"	184.00 9 4.09	172.96 169.28 165.60
87855 1 EACH	Wireless Solutions EP-1334 2 Years	12	20.5" x 15" 28.5" x 25.5"	184.00 9 4.09	172.04 168.36 164.68
96995 1 EACH	Microflect/Valmont B1118 2 Years	12	20.5" x 15" 25.5" x 25.5"	184.00 9 4.09	172.96 169.28 165.60

4" Port Waveguide Entries

59030

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	No. of Ports	Wall Opening (W x H) Overall Size (W x H)	List ($) Wt. (lbs) Wgt. (kg.)	T
92133 1 EACH	Wireless Solutions EP-1336 2 Years	12	31.5" x 9.5" 39.5" x 17.5"	184.00 9.82 4.46	17 16 16
59030 1 EACH	Microflect/Valmont B1336 2 Years	12	31.5" x 9.5" 39.5" x 17.5"	184.00 7 3.18	17 16 16

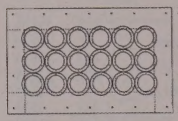
4" Port Waveguide Entries



82582

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	No. of Ports	Wall Opening (W x H) Overall Size (W x H)	List ($) Wt. (lbs) Wgt. (kg.)	T
40526 1 EACH	Wireless Solutions EP-1447 2 Years	16	20.5" x 20.5" 25.5" x 25.5"	233.00 8 3.64	2 2 2
82582 1 EACH	Microflect/Valmont B1447 2 Years	16	20.5" x 20.5" 25.5" x 25.5"	233.00 8 3.64	2 2 2

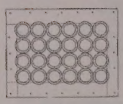
4" Port Waveguide Entries



45816

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	No. of Ports	Wall Opening (W x H) Overall Size (W x H)	List ($) Wt. (lbs) Wgt. (kg.)
65705 1 EACH	Wireless Solutions EP-1333 2 Years	18	31.5" x 15" 39.5" x 25.5"	257.00 10 4.54
45816 1 EACH	Microflect/Valmont B1333 2 Years	18	31.5" x 15" 39.5" x 25.5"	257.00 10 4.54

4" Port Waveguide Entries



84209

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	No. of Ports	Wall Opening (W x H) Overall Size (W x H)	List ($) Wt. (lbs) Wgt. (kg.)
14098 1 EACH	Wireless Solutions EP-1340 2 Years	24	31.5" x 20.5" 39.5" x 31"	328.00 16 7.27
84209 1 EACH	Microflect/Valmont B1340 2 Years	24	31.5" x 20.5" 39.5" x 31"	328.00 12 5.45

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Port Waveguide Entries

5720 440165

5" aluminum waveguide entries designed for wall or roof installation may also be used inside to enhance appearance. Painted machinery gray. Installation hardware, #14 stainless steel screws, washers, plastic anchors and sealing caps are included with each entry. Order cable boots separately.

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	No. of Ports	Wall Opening (W x H) Overall Size (W x H)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
20 EACH	Wireless Solutions EP-549 3 Years	1	5" x 5" 9.5" x 9.5"	27.00 1 0.45	25.25 24.71 24.17
21 EACH	Microflect/Valmont B549 2 Years	1	5" x 5" 9.5" x 9.5"	27.00 0.8 0.36	25.38 24.84 24.30
V 65 EACH	Andrew Corporation 35849A-6 10 Years	1	2-1/4" diameter For EW63 cable	51.50 2 0.91	67.06 67.06 67.06

Port Waveguide Entries

60914

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	No. of Ports	Wall Opening (W x H) Overall Size (W x H)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
3 EACH	Wireless Solutions EP-550 3 Years	2	12" x 5" 17.5" x 9.5"	47.00 3.5 1.59	43.95 43.01 42.07
4 EACH	Microflect/Valmont B550 2 Years	2	12" x 5" 17.5" x 9.5"	47.00 3.5 1.59	44.18 43.24 42.30

Port Waveguide Entries

99307

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	No. of Ports	Wall Opening (W x H) Overall Size (W x H)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
6 EACH	Wireless Solutions EP-551 3 Years	3	19" x 5" 25.5" x 9.5"	63.00 4.8 2.18	58.91 57.65 56.39
7 EACH	Microflect/Valmont B551 2 Years	3	19" x 5" 25.5" x 9.5"	63.00 4.8 2.18	59.22 57.96 56.70

Port Waveguide Entries

700

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	No. of Ports	Wall Opening (W x H) Overall Size (W x H)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EACH	Wireless Solutions EP-552 3 Years	4	12" x 12" 17.5" x 17.5"	80.00 4.84 2.2	74.80 73.20 71.60
EACH	Microflect/Valmont B552 2 Years	4	12" x 12" 17.5" x 17.5"	80.00 4.8 2.18	75.20 73.60 72.00

5" Port Waveguide Entries

79292

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	No. of Ports	Wall Opening (W x H) Overall Size (W x H)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
79292 1 EACH	Wireless Solutions EP-553 3 Years	6	19" x 12" 25.5" x 17.5"	118.00 6 2.73	110.33 107.97 105.61
86093 1 EACH	Microflect/Valmont B553 2 Years	6	19" x 12" 25.5" x 17.5"	118.00 6 2.73	110.92 108.56 106.20

5" Port Waveguide Entries

34486

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	No. of Ports	Wall Opening (W x H) Overall Size (W x H)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
27685 1 EACH	Wireless Solutions EP-1191 3 Years	8	26" x 12" 33.5" x 17.5"	153.00 7 3.18	143.06 140.00 136.94
34486 1 EACH	Microflect/Valmont B1191 2 Years	8	26" x 12" 33.5" x 17.5"	153.00 7 3.18	143.82 140.76 137.70

5" Port Waveguide Entries

59665

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	No. of Ports	Wall Opening (W x H) Overall Size (W x H)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
59665 1 EACH	Microflect/Valmont B1113 2 Years	9	19" x 19" 25.5" x 25.5"	170.00 7 3.18	159.80 156.40 153.00
66078 1 EACH	Wireless Solutions EP-1113 3 Years	9	19" x 19" 25.5" x 25.5"	170.00 7 3.18	158.95 155.55 152.15

Wireless Solutions Rect. Entry

33557

Reduce system cost and increase capacity by eliminating costly boot assemblies. Durable UV and weather resistant polycarbonate entry ports utilize compression fit cushions eliminating the need for assembly tools. Includes mounting hardware and sealing caps. Order rectangular cushions separately.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	No. of Ports	Wall Opening (W x H) Overall Size (W x H)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
33557 1 EACH	Wireless Solutions RP-1001 3 Years	1	8" x 3.75" 9" x 6.75"	45.00 1.86 0.85	42.08 41.18 40.28
71950 1 EACH	Wireless Solutions RP-1002 3 Years	2	16" x 3.75" 19" x 10"	130.00 10 4.54	121.55 118.95 116.35
20343 1 EACH	Wireless Solutions RP-1004 3 Years	4	16" x 8" 20" x 10.50"	160.00 1 0.45	149.60 146.40 143.20
97129 1 EACH	Wireless Solutions RP-1006 3 Years	6	24" x 8" 26" x 9.50"	210.00 0.05 0.02	196.35 192.15 187.95

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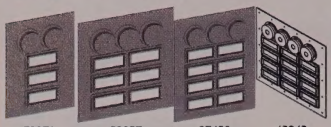
Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	No. of Ports	Wall Opening (W x H) Overall Size (W x H)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
45522 1 EACH	Wireless Solutions RP-1007 3 Years	7	28" x 8" 29" x 9.50"	240.00 4 1.82	224.40 219.60 214.80

Wireless Solutions Rect. Entry

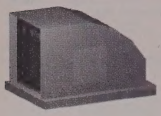


72271 59057 97450 45843

Reduce system cost and increase capacity by eliminating costly boot assemblies. Durable UV and weather resistant polycarbonate entry ports utilize compression fit cushions eliminating the need for assembly tools. Versatility with rectangular and round housings. Includes mtg hardware and round sealing caps. Order cushions separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	No. of Ports	Wall Opening (W x H) Overall Size (W x H)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
72271 1 EACH	Wireless Solutions RP-1023 3 Years	3 Rect., 2 Round	11.50" x 17.875" 16" x 21.25"	135.00 12 5.45	126.23 123.53 120.83
59057 1 EACH	Wireless Solutions RP-1036 3 Years	6 Rect., 3 Round	17.50" x 18" 20.50" x 22"	170.00 15 6.82	158.95 155.55 152.15
97450 1 EACH	Wireless Solutions RP-1038 3 Years	8 Rect., 3 Round	22.50" x 22" 25.50" x 25.50"	215.00 15 6.82	201.03 196.73 192.43
45843 1 EACH	Wireless Solutions RP-1412 3 Years	12 Rect., 4 Round	25" x 22.126" 29.50" x 26.75"	325.00 14 6.36	303.88 297.38 290.88

RoofTop Hood Entry



36618

Provides protection while allowing coax to easily transition through bends when penetrating building rooftops. Unit is 32" high by 33" wide x 48" long. Order desired entry panel separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	No. of Ports	Wall Opening (W x H) Overall Size (W x H)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36618 1 EACH	Wireless Solutions MT-365-G 3 Years	Order panel sep.	26" x 41" 33" x 32" x 48"	850.00 230 104.54	794.75 777.75 760.75
65498 1 EACH	Wireless Solutions MT-365P 3 Years	3x2 rect. & 3x2 cir.	26" x 41" 33" x 32" x 48"	850.00 160 72.72	794.75 777.75 760.75

Low Profile Roof-Top Hood Entry

85164

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	No. of Ports	Wall Opening (W x H) Overall Size (W x H)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
85164 1 EACH	Wireless Solutions MT-366 3 Years	RP-1004 Rectangle entry port must be ordered separately.	21 3/4" x 35"	595.00 115 52.27	556.33 544.43 532.53

Qwikport Roof Cable Enrty System

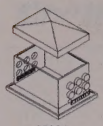
48067

The Qwikport is a lightweight, seamless roof entry with 24 integral entry por One man can carry from elevator to rooftop. Seamless construction provides tection against leakage. The 24 four inch ports are part of the unit. Cut out ho for cable or use 4" rubber boots. 12 ports and a bus bar are located on oppo sides & top is removable.

- Comes complete with all installation hardware and tools except curbng and boots.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	No. of Ports	Wall Opening (W x H) Overall Size (W x H)	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
48067 1 EACH	Tower Structures QWKPRT 1 Year	24	overall outside dimensions: 27" W x 39" L x 38" H	695.00 105 47.72	69 68 67

Qwikport Roof Cable Enrty System



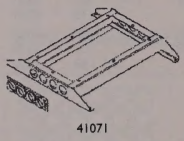
85886

The Qwikport is a lightweight, seamless roof entry with 12 integral entry p One man can carry from elevator to rooftop. Seamless construction provi protection against leakage. The 12 four inch ports are part of the unit. Cut holes for cable or use 4" rubber boots. 6 ports and a bus bar are located o opposite sides & top is removable.

- Comes complete with all installation hardware and tools except curbng and boots.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	No. of Ports	Wall Opening (W x H) Overall Size (W x H)	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
85886 1 EACH	Tower Structures QWKPRT JR 1 Year	12	outside dimensions: 26" W x 35.5" L x 27.5" H	595.00 65 29.54	59 56 57

BTS Bases and Support Frames

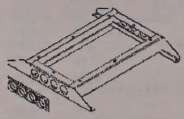


41071

The BTS Support Frame supports an Ericsson Compact ra cabinet for ground or roof-top installations. Both ends of fi has four 4" diameter holes for routing coax and a solid cov plate is provided to close one end. Frames can be bolted together. Optional entry panels (79464 or 80185) allows th of rubber boots for water-tight entry.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	No. of Ports	Wall Opening (W x H) Overall Size (W x H)	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
41071 1 EACH	Microflect/Valmont 99520 1 Year	4	N/A 51.25" x 47.2" x 6.75"	425.00 178 80.9	4 4 4

BTS Bases and Support Frames



79464

Aluminum entry panel for use with the 99520 BTS suppor frame for Ericsson compact radio cabinets. Four 4" diamet ports in a 1 x 4 layout.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	No. of Ports	Wall Opening (W x H) Overall Size (W x H)	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
79464 1 EACH	Microflect/Valmont 99521-GRY 1 Year	4	Grey Finish 6.75" x 28"	50.00 3 1.36	- - -
80185 1 EACH	Microflect/Valmont 99521-WHT 1 Year	4	White Finish 6.75" x 28"	50.00 3 1.36	- - -

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mplete 5 Port Wall Feed Package

1696

Complete 5 port feed through package. Handles up to 3 1/8" rigid line and up to EW28 elliptical line. No need for individual grounding kits or boots, boot covered fingers grounds and supports lines. U-panel allows for indoor access only to the coax connector & means to ground protectors. Can be used as a central ground point.

No. om	Manufacturer Mfg. P/N Warranty	No. of Ports	Wall Opening (W x H) Overall Size (W x H)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
96 CH	PolyPhaser 5PB-M 10 Years	5	14.375" x 10.9" 16.81" x 14.90"	959.95 75 34.09	844.76 787.16 748.77
34 CH	PolyPhaser 5PEEP-M 10 Years	5	14.375" x 10.9" 16.81" x 14.90"	799.95 54 24.54	703.96 655.96 623.97

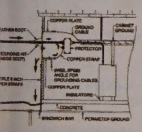
mplete 8 Port Wall Feed Package

83

Complete 8 port feed through package. Handles up to 3 1/8" rigid line and up to EW28 elliptical line. No need for individual grounding kits or boots, boot covered fingers grounds and supports lines. U-panel allows for indoor access only to the coax connector & means to ground protectors. Can be used as a central ground point.

No. om	Manufacturer Mfg. P/N Warranty	No. of Ports	Wall Opening (W x H) Overall Size (W x H)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
13 CH	PolyPhaser 8PEEP-M 10 Years	8	14.375" x 16" 16.81" x 20"	951.95 54 24.54	837.72 780.60 742.53
6 CH	PolyPhaser 8PB-M 10 Years	8	14.375" x 16" 16.81" x 20"	1,141.95 75 34.09	1,004.92 936.40 890.73

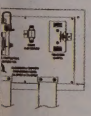
nplete Wall Feed Through Package



Another Polyphaser innovation. Instead of the protectors grounding to a U-panel, as in the 3PB series, the protectors are grounded to either a upper or lower plate using copper strap. This method allows greater access to the protectors. Cable outer conductor is grounded at the entrance panel. Includes weather boots to handle 1/2" to 3 1/8" cables.

o. m	Manufacturer Mfg. P/N Warranty	No. of Ports	Wall Opening (W x H) Overall Size (W x H)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
3 H	PolyPhaser 8PEP 10 Years	8	14.375" x 10" 16.81" x 15.6"	539.95 34 15.45	475.16 442.76 421.17

gle Point Ground Panel



92469

Simple to install, used to mount/ground protectors and to establish a single point location for grounding the racks/ chassis of equipment. Fits 16" on center stud construction. Comes with 4 lead molly anchors for concrete. Painted off- white 1/2" plywood backing. Includes 10 mounting screws, 10'1 1/2" copper strap, 2 sandwich plates & joint compound.

n	Manufacturer Mfg. P/N Warranty	No. of Ports	Wall Opening (W x H) Overall Size (W x H)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
H	PolyPhaser CU-SPGP 10 Years	N/A	N/A 18" x 12"	69.95 10.55 4.79	61.56 57.36 54.57

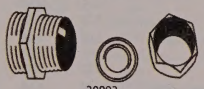
Grounding Bar Internal to External

77251

Polyphaser's grounding retro-fit kit is designed to provide a high quality, low inductance path to ground for existing sites as well as new construction. This system assures that surge protectors as well as cable runs are properly grounded. Includes ground bars and copper strap which attach to the existing perimeter ground system.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	No. of Ports	Wall Opening (W x H) Overall Size (W x H)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
77251 1 EACH	PolyPhaser GSIE-8 10 Years	N/A	3 holes 21.4" x 2.5"	859.95 55 25	756.76 705.16 670.77
64037 1 EACH	PolyPhaser GSIE-12 10 Years	N/A	3 holes 31.6" x 2.5"	999.95 75 34.09	879.96 819.96 779.97

Coax Entry Connector & Gasket

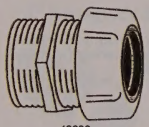


30993

1/2" coax entry connector with watertight gasket. Works on cable .50" to .64". Works well on 1/2" coax.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	No. of Ports	Wall Opening (W x H) Overall Size (W x H)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30993 1 EACH	Microflect/Valmont B418 2 Years	N/A	N/A 1/2" coax entry connector	7.00 0.5 0.23	6.90 6.86 6.83

7/8" coax entry connector.



48822

7/8" coax entry connector with watertight gasket. Works on 7/8" coax or air cable. Accepts cable from 1.0625 - 1.205" OD range.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	No. of Ports	Wall Opening (W x H) Overall Size (W x H)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
48822 1 EACH	Microflect/Valmont B419 2 Years	N/A	N/A 7/8" coax entry conn.	14.00 1 0.45	13.79 13.72 13.65

Duct Sealer

69729

Duct sealer has a putty like consistency that is ideal for installing entries and sealing holes. One pound package.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	No. of Ports	Wall Opening (W x H) Overall Size (W x H)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
69729 1 EACH	Microflect/Valmont B202 2 Years	N/A	N/A Duct Sealer	5.00 1.2 0.55	4.93 4.90 4.88

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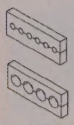
Waveguide Boots and Cushions [435-40]

See our complete line of Entry Panels.

Wall/Roof Feed Thrus . . . . . page 510

Wireless Solutions Rect. Cushions



69773

Unique rectangular design increases capacity while reducing system cost by eliminating the traditional costly boot assemblies and installation tools. The durable EPDM rubber construction is ideal for temperature and environmental extremes. Designed for use with the Wireless Solutions rectangular entry ports.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
69773 1 EACH	Wireless Solutions RC-12 3 Years	For 1/2" corrugated cable. 6 runs per cushion.	5.00 0.5 0.23	4.68 4.58 4.48
18166 1 EACH	Wireless Solutions RC-78 3 Years	For 7/8" corrugated cable. 4 runs per cushion.	5.00 0.5 0.23	4.68 4.58 4.48
56559 1 EACH	Wireless Solutions RC-114 3 Years	For 1-1/4" corrugated cable. 3 runs per cushion.	5.00 0.5 0.23	4.68 4.58 4.48
94952 1 EACH	Wireless Solutions RC-158 3 Years	For 1-5/8" corrugated cable. 2 runs per cushion.	5.00 0.5 0.23	4.68 4.58 4.48
46529 1 EACH	Wireless Solutions RC-B 3 Years	Blank cushion to seal an unused port.	5.00 0.5 0.23	4.68 4.58 4.48

4" Waveguide Boot Assemblies

The Wireless Solutions boot assembly is designed to be used with Microflect and Wireless Solutions EP series of aluminum waveguide panels. Cushion is included.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 460163 1 EACH	Wireless Solutions BA-58-1A 3 Years	4" boot assembly kit with 1 hole for 5/8" corrugated coax.	33.00 1.65 0.75	30.86 30.20 29.54
84231 1 EACH	Wireless Solutions BA-12-1A 3 Years	4" boot assembly kit with 1 hole for 1/2" corrugated coax.	33.00 1.65 0.75	30.86 30.20 29.54
32624 1 EACH	Wireless Solutions BA-12-2A 3 Years	4" boot assembly kit with 2 holes for 1/2" corrugated coax.	33.00 1.8 0.82	30.86 30.20 29.54
71017 1 EACH	Wireless Solutions BA-12-3A 3 Years	4" boot assembly kit with 3 holes for 1/2" corrugated coax.	33.00 1.72 0.78	30.86 30.20 29.54
19410 1 EACH	Wireless Solutions BA-12-4A 3 Years	4" boot assembly kit with 4 holes for 1/2" corrugated coax.	33.00 1.7 0.77	30.86 30.20 29.54
NEW 426344 1 EACH	Wireless Solutions BA-58-3A 3 Years	4" boot assembly kit with 3 hole for 5/8" corrugated coax.	33.00 1.65 0.75	30.86 30.20 29.54
57803 1 EACH	Wireless Solutions BA-78-1A 3 Years	4" boot assembly kit with 1 hole for 7/8" corrugated coax.	33.00 1.65 0.75	30.86 30.20 29.54
96196 1 EACH	Wireless Solutions BA-78-2A 3 Years	4" boot assembly kit with 1 holes for 7/8" corrugated coax.	33.00 1.64 0.75	30.86 30.20 29.54
44589 1 EACH	Wireless Solutions BA-78-3A 3 Years	4" boot assembly kit with 3 holes for 7/8" corrugated coax.	33.00 1.4 0.64	30.86 30.20 29.54
82982 1 EACH	Wireless Solutions BA-78-4A 3 Years	4" boot assembly kit with 4 holes for 7/8" corrugated coax.	33.00 1.6 0.73	30.86 30.20 29.54
31375 1 EACH	Wireless Solutions BA-114-1A 3 Years	4" boot assembly kit with 1 hole for 1-1/4" corrugated coax.	33.00 1.65 0.75	30.86 30.20 29.54
69768 1 EACH	Wireless Solutions BA-158-1A 3 Years	4" boot assembly kit with 1 hole for 1-5/8" corrugated coax.	33.00 1.8 0.82	30.86 30.20 29.54

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
18161 1 EACH	Wireless Solutions BA-214-1A 3 Years	4" boot assembly kit with 1 hole for 2-1/4" corrugated coax.	33.00 1.8 0.82	30 30 29
79235 1 EACH	Wireless Solutions BA-52-1A 3 Years	4" boot assembly kit with 1 hole for EW52 and WE61 elliptical waveguide.	33.00 1.6 0.73	30 30 29
27628 1 EACH	Wireless Solutions BA-63-1A 3 Years	4" boot assembly kit with 1 hole for EW63 and WE65 elliptical waveguide.	33.00 1.6 0.73	30 30 29
14414 1 EACH	Wireless Solutions BA-77-1A 3 Years	4" boot assembly kit with 1 hole for EW77 and WE78 elliptical waveguide.	33.00 1.8 0.82	30 30 29
77986 1 EACH	Wireless Solutions BA-90-1A 3 Years	4" boot assembly kit with 1 hole for EW90 elliptical waveguide.	33.00 1.65 0.75	30 30 29
39593 1 EACH	Wireless Solutions BA-85-1A 3 Years	4" boot assembly kit with 1 hole for EW85 and WE108 elliptical waveguide.	33.00 1.8 0.82	30 30 29
64772 1 EACH	Wireless Solutions BA-180-1A 3 Years	4" boot assembly kit with 1 hole for EW180 and WE191 elliptical waveguide.	33.00 1.8 0.82	30 30 29
NEW 492397 1 EACH	Wireless Solutions BA-78CR-1A 2 Years	Use with CommScope CellReach 7/8" foam cable. Onc cable run per boot.	33.00 1.65 0.75	30 30 29

4" Waveguide Boot Assembly

64335

The waveguide boot assembly fits all appropriate Microflect 4" wave entry panels. Boot material is unaffected by ozone, sunlight, aging or extremes of heat and cold. The boot and cushion material meets spe cations ASTM-D2000-70b and ASE J200.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
49639 1 EACH	Microflect/Valmont B570 2 Years	Waveguide boot with 2 clamps. Cushion not included.	32.00 1.2 0.55	3 2 2
92131 1 EACH	Microflect/Valmont B1670A 2 Years	Use with Times LMR240 coax cable. One run per boot.	34.00 1.64 0.75	3 3 3
39712 1 EACH	Microflect/Valmont B1174A 2 Years	Use with Andrew 1/4" superflexible foam dielectric cables. Three cable runs per boot.	34.00 1.64 0.75	3 3 3
64335 1 EACH	Microflect/Valmont B1173A 2 Years	Use with Andrew 1/4" superflexible foam dielectric cables. One cable run per boot.	34.00 1.64 0.75	3 3 3
51121 1 EACH	Microflect/Valmont B1168A 2 Years	Use with Andrew or Cablewave 3/8" foam dielectric cable. One cable run per boot.	34.00 1.64 0.75	3 3 3
46204 1 EACH	Microflect/Valmont B1674A 2 Years	Use with Times LMR400 coax cable. Two runs per boot.	34.00 1.64 0.75	3 3 3
64828 1 EACH	Microflect/Valmont B1677A 2 Years	Use with Times LMR500 coax cable. One run per boot.	29.50 1.64 0.75	2 2 2
76793 1 EACH	Microflect/Valmont B1678A 2 Years	Use with Times LMR500 coax cable. Two runs per boot.	34.00 2 0.91	3 3 3
13221 1 EACH	Microflect/Valmont B1681A 2 Years	Use with Times LMR600 coax cable. One run per boot.	34.00 1.64 0.75	3 3 3
25186 1 EACH	Microflect/Valmont B1682A 2 Years	Use with Times LMR600 coax cable. Two runs per boot.	34.00 2 0.91	3 3 3
NEW 95396 1 EACH	Microflect/Valmont B1345A 2 Years	Use with 1/2" superflexible foam dielectric cables. Three cable runs per boot.	34.00 1.64 0.75	3 3 3
10385 1 EACH	Microflect/Valmont B1683A 2 Years	Use with Times LMR600 coax cable. 3 runs per boot.	34.00 1.64 0.75	3 3 3
11972 1 EACH	Microflect/Valmont B1686A 2 Years	Use with Times LMR900 coax cable. Two runs per boot.	34.00 1.64 0.75	3 3 3
45505 1 EACH	Microflect/Valmont B1533A 2 Years	Use with 1/2" superflexible foam dielectric cables. Four cable runs per boot.	34.00 1.64 0.75	3 3 3
51614 1 EACH	Microflect/Valmont B1685A 2 Years	Use with Times LMR900 coax cable. One run per boot.	34.00 1.64 0.75	3 3 3

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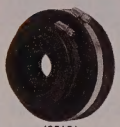
tinuing product table (2 of 2)

rt No. y/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
5788 EACH	CommScope, Inc. 540BA4 2 Years	Use with CommScope CellReach 1/2" foam cable. Onc cable run per boot.	81.00 1.7 0.77	64.80 63.18 60.75
7907 EACH	Microflect/Valmont B1126A 2 Years	Use with Andrew or Cablewave 1/2" foam dielectric cable. One cable run per boot.	34.00 1.64 0.75	31.96 31.28 30.60
9872 EACH	Microflect/Valmont B1189A 2 Years	Use with Andrew or Cablewave 1/2" foam dielectric cable. Two cable runs per boot.	34.00 1.64 0.75	31.96 31.28 30.60
8602 EACH	Microflect/Valmont B1251A 2 Years	Use with Andrew or Cablewave foam or air dielectric cable. Two runs of 1/2" cable and one run of 7/8" cable per boot.	34.00 1.64 0.75	31.96 31.28 30.60
3086 EACH	Microflect/Valmont B1112A 2 Years	Use with Andrew or Cablewave 1/2" foam dielectric cable. Three cable runs per boot.	34.00 1.64 0.75	31.96 31.28 30.60
7625 EACH	Microflect/Valmont B1402A 2 Years	Use with Andrew or Cablewave 1/2" foam dielectric cable. Four cable runs per boot.	34.00 1.64 0.75	31.96 31.28 30.60
2359 EACH	Microflect/Valmont B1167A 2 Years	Use with Andrew or Cablewave 1/2" air dielectric cable. One cable run per boot.	34.00 1.69 0.77	31.96 31.28 30.60
5261 EACH	Microflect/Valmont B540A 2 Years	Use with Andrew and Cablewave 1/2" air dielectric cables. Three cable runs per boot.	34.00 1.64 0.75	31.96 31.28 30.60
1913 EACH	CommScope, Inc. 1070BA4 2 Years	Use with CommScope CellReach 7/8" foam cable. Onc cable run per boot.	81.00 1.7 0.77	64.80 63.18 60.75
1444 EACH	Microflect/Valmont B537A 2 Years	Use with Andrew or Cablewave 7/8" foam or air dielectric cable. One cable run per boot.	34.00 1.64 0.75	31.96 31.28 30.60
1975 EACH	Microflect/Valmont B1446A 2 Years	Use with Andrew or Cablewave 7/8" foam or air dielectric cable and one 4/0 ground wire.	34.00 1.64 0.75	31.96 31.28 30.60
1230 EACH	Microflect/Valmont B1193A 2 Years	Use with Andrew or Cablewave 7/8" foam or air dielectric cable. Two runs of cable per boot.	34.00 1.64 0.75	31.96 31.28 30.60
1409 EACH	Microflect/Valmont B1151A 2 Years	Use with Andrew or Cablewave 7/8" foam or air dielectric cable. Three runs of cable per boot.	34.00 1 0.45	31.96 31.28 30.60
1007 EACH	Microflect/Valmont B1689A 2 Years	Use with Times LMR1200 coax cable. One run per boot.	34.00 2 0.91	31.96 31.28 30.60
1365 EACH	Microflect/Valmont B1690A 2 Years	Use with Times LMR1200 coax cable. Two runs per boot.	34.00 1.64 0.75	31.96 31.28 30.60
1195 EACH	Microflect/Valmont B1152A 2 Years	Use with Andrew or Cablewave 1 1/4" foam or air dielectriccable. One cable run per boot.	34.00 1.64 0.75	31.96 31.28 30.60
1400 EACH	Microflect/Valmont B1692A 2 Years	Use with Times LMR1700 coax cable. One run per boot.	34.00 1.64 0.75	31.96 31.28 30.60
1657 EACH	Microflect/Valmont B1341A 2 Years	Use with Andrew or Cablewave foam or air dielectric cable. Two runs of 7/8" cable and one run of 1/2" cable per boot.	34.00 1.8 0.82	31.96 31.28 30.60
1981 EACH	Microflect/Valmont B535A 2 Years	Use with Andrew or Cablewave 1 5/8" foam or air dielectriccable. One cable run per boot.	34.00 1.5 0.68	31.96 31.28 30.60
1767 EACH	Microflect/Valmont B1262A 2 Years	Use with Andrew 2 1/4" air dielectric cable. One cable run per boot.	34.00 1.64 0.75	31.96 31.28 30.60
1771 EACH	Microflect/Valmont B542A 2 Years	Use with Andrew EW52 & EWP52 and Cablewave WE61 elliptical waveguides. One cable run per boot.	34.00 1.64 0.75	31.96 31.28 30.60
1129 EACH	Microflect/Valmont B544A 2 Years	Use with Andrew EW63 & EWP63 and Cablewave WE65 elliptical waveguides. One cable run per boot.	34.00 1.64 0.75	31.96 31.28 30.60
1115 EACH	Microflect/Valmont B1293A 2 Years	Use with Andrew EW63 & EWP63 and Cablewave WE65 elliptical waveguides. Two cable runs per boot.	34.00 2 0.91	31.96 31.28 30.60
1701 EACH	Microflect/Valmont B548A 2 Years	Use with Andrew EW77 and EWP77 elliptical waveguide. One cable run per boot.	34.00 1.64 0.75	31.96 31.28 30.60
1557 EACH	Microflect/Valmont B543A 2 Years	Use with Andrew EW90 and EWP90 elliptical waveguide. One cable run per boot.	34.00 1.64 0.75	31.96 31.28 30.60
1905 EACH	Microflect/Valmont B1566 2 Years	Use with Andrew or Cablewave 1 1/4" foam or air dielectriccable. Four runs of cable per boot.	29.00 1 0.45	28.57 28.42 28.28
1132 EACH	Microflect/Valmont B578A 2 Years	Blank boot. Punch for custom fit.	34.00 1.6 0.73	31.96 31.28 30.60

4" One Piece Cable Entry Boots



495151

One Piece cable boots are designed for use with Andrew's 4" wall / roof feed thru plates.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 484312 1 EACH	Andrew Corporation 204679A-14 10 Years	4" boot for use with 5/8" corrugated coax cable. 3 hole.	66.00 2 0.91	47.85 44.55 41.25
495151 1 EACH	Andrew Corporation 204679A-2 10 Years	4" boot for use with 7/8" corrugated coax cable. 1 hole.	66.00 2 0.91	47.85 44.55 41.25
416192 1 EACH	Andrew Corporation 204679A-7 10 Years	4" boot for use with 3 runs of 1/2" Cable.	66.00 2 0.91	47.85 44.55 41.25
449128 1 EACH	Andrew Corporation 204679A-3 10 Years	4" boot for use with 1-1/4" corrugated coax cable. 1 hole.	66.00 2 0.91	47.85 44.55 41.25
455190 1 EACH	Andrew Corporation 204679A-4 10 Years	4" boot for use with 1-5/8" corrugated coax cable. 1 hole.	66.00 2 0.91	47.85 44.55 41.25
NEW 482170 1 EACH	Andrew Corporation 204679A-8 10 Years	4" boot for use with 2-1/4" corrugated coax cable. 1 hole.	66.00 2 0.91	47.85 44.55 41.25

5" Waveguide Boot Assemblies

56554

The Wireless Solutions boot assembly is designed to be used with Microflect and Wireless Solutions EP series of aluminum waveguide panels. Cushion is included.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
56554 1 EACH	Wireless Solutions BA-12-1B 3 Years	5" boot assembly kit with 1 hole for 1/2" corrugated coax.	34.50 1.8 0.82	32.26 31.57 30.88
94947 1 EACH	Wireless Solutions BA-12-2B 3 Years	5" boot assembly kit with 2 holes for 1/2" corrugated coax.	34.50 1.8 0.82	32.26 31.57 30.88
43340 1 EACH	Wireless Solutions BA-12-3B 3 Years	5" boot assembly kit with 3 holes for 1/2" corrugated coax.	34.50 1.8 0.82	32.26 31.57 30.88
30126 1 EACH	Wireless Solutions BA-12-4B 3 Years	5" boot assembly kit with 4 holes for 1/2" corrugated coax.	34.50 1.8 0.82	32.26 31.57 30.88
68519 1 EACH	Wireless Solutions BA-78-1B 3 Years	5" boot assembly kit with 1 hole for 7/8" corrugated coax.	34.50 1.5 0.68	32.26 31.57 30.88
55305 1 EACH	Wireless Solutions BA-78-2B 3 Years	5" boot assembly kit with 2 holes for 7/8" corrugated coax.	34.50 2 0.91	32.26 31.57 30.88
93698 1 EACH	Wireless Solutions BA-78-3B 3 Years	5" boot assembly kit with 3 holes for 7/8" corrugated coax.	34.50 1.8 0.82	32.26 31.57 30.88
80484 1 EACH	Wireless Solutions BA-78-4B 3 Years	5" boot assembly kit with 4 holes for 7/8" corrugated coax.	34.50 1.9 0.86	32.26 31.57 30.88
28877 1 EACH	Wireless Solutions BA-114-1B 3 Years	5" boot assembly kit with 1 hole for 1-1/4" corrugated coax.	34.50 2 0.91	32.26 31.57 30.88
67270 1 EACH	Wireless Solutions BA-158-1B 3 Years	5" boot assembly kit with 1 hole for 1-5/8" corrugated coax.	34.50 1.8 0.82	32.26 31.57 30.88
54056 1 EACH	Wireless Solutions BA-214-1B 3 Years	5" boot assembly kit with 1 hole for 2-1/4" corrugated coax.	34.50 1.8 0.82	32.26 31.57 30.88
13165 1 EACH	Wireless Solutions BA-52-1B 3 Years	5" boot assembly kit with 1 hole for EW52 and WE61 elliptical waveguide.	34.50 1.8 0.82	32.26 31.57 30.88

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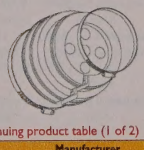
Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
51558 1 EACH	Wireless Solutions BA-63-1B 3 Years	5" boot assembly kit with 1 hole for EW63 and WE65 elliptical waveguide.	34.50 1.8 0.82	32.26 31.57 30.88
89951 1 EACH	Wireless Solutions BA-77-1B 3 Years	5" boot assembly kit with 1 hole for EW77 and WE78 elliptical waveguide.	34.50 1.8 0.82	32.26 31.57 30.88
25130 1 EACH	Wireless Solutions BA-90-1B 3 Years	5" boot assembly kit with 1 hole for EW90 elliptical waveguide.	34.50 1.8 0.82	32.26 31.57 30.88
38344 1 EACH	Wireless Solutions BA-85-1B 3 Years	5" boot assembly kit with 1 hole for EW85 and WE108 elliptical waveguide.	34.50 1.8 0.82	32.26 31.57 30.88
63523 1 EACH	Wireless Solutions BA-127-1B 3 Years	5" boot assembly kit with 1 hole for EW127 and WE130 elliptical waveguide.	34.50 1.8 0.82	32.26 31.57 30.88
50309 1 EACH	Wireless Solutions BA-180-1B 3 Years	5" boot assembly kit with 1 hole for EW180 and WE191 elliptical waveguide.	34.50 1.8 0.82	32.26 31.57 30.88
63403 1 EACH	Wireless Solutions BA-158CR-1A 2 Years	Use with CommScope CellReach 1 5/8" foam cable. One cable run per boot.	33.00 1.65 0.75	30.86 30.20 29.54

5" Waveguide Boot Assembly



The waveguide boot assembly fits all appropriate Microflect 5" waveguide entry panels. Boot material is unaffected by ozone, sunlight, aging or extremes of heat and cold. The boot and cushion material meets specifications ASTM-D2000-70b and ASE J200.

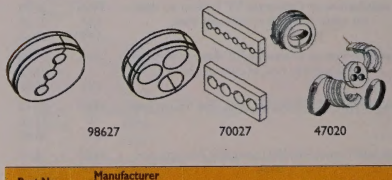
Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
21035 1 EACH	Microflect/Valmont B530 2 Years	Waveguide boot with 2 clamps. Cushion not included.	35.00 1.2 0.55	32.90 32.20 31.50
51627 1 EACH	Microflect/Valmont B1677B 2 Years	Use with Times LMR500 coax cable. One cable run per boot.	37.00 1.64 0.75	36.45 36.26 36.08
90020 1 EACH	Microflect/Valmont B1678B 2 Years	Use with Times LMR500 coax cable. Two cable runs per boot.	37.00 1.64 0.75	36.45 36.26 36.08
38413 1 EACH	Microflect/Valmont B1681B 2 Years	Use with Times LMR600 coax cable. One cable run per boot.	37.00 1.64 0.75	36.45 36.26 36.08
76806 1 EACH	Microflect/Valmont B1682B 2 Years	Use with Times LMR600 coax cable. Two cable runs per boot.	37.00 1.64 0.75	36.45 36.26 36.08
36658 1 EACH	Microflect/Valmont B1126B 2 Years	Use with Andrew or Cablewave 1/2" foam dielectric cable. One cable run per boot.	37.00 1.64 0.75	34.78 34.04 33.30
88265 1 EACH	Microflect/Valmont B1189B 2 Years	Use with Andrew or Cablewave 1/2" foam dielectric cable. Two cable runs per boot.	37.00 1.64 0.75	34.78 34.04 33.30
11479 1 EACH	Microflect/Valmont B1112B 2 Years	Use with Andrew or Cablewave 1/2" foam dielectric cable. Three cable runs per boot.	37.00 1.64 0.75	34.78 34.04 33.30
25214 1 EACH	Microflect/Valmont B1251B 2 Years	Use with Andrew or Cablewave foam or air dielectric cable. Two runs of 1/2" cable and one run of 7/8" cable per boot.	37.00 1.64 0.75	34.78 34.04 33.30
16018 1 EACH	Microflect/Valmont B1402B 2 Years	Use with Andrew or Cablewave 1/2" foam dielectric cable. Four cable runs per boot.	37.00 1.64 0.75	34.78 34.04 33.30
26429 1 EACH	Microflect/Valmont B540B 2 Years	Use with Andrew or Cablewave 1/2" air dielectric cable. Three cable runs per boot.	37.00 1.64 0.75	34.78 34.04 33.30
99396 1 EACH	Microflect/Valmont B1167B 2 Years	Use with Andrew or Cablewave 1/2" air dielectric cable. One cable run per boot.	37.00 1.99 0.9	34.78 34.04 33.30
11985 1 EACH	Microflect/Valmont B1685B 2 Years	Use with Times LMR900 coax cable. One cable run per boot.	37.00 1.64 0.75	36.45 36.26 36.08
63592 1 EACH	Microflect/Valmont B1689B 2 Years	Use with Times LMR1200 coax cable. One cable run per boot.	37.00 2 0.91	34.78 34.04 33.30
50378 1 EACH	Microflect/Valmont B1690B 2 Years	Use with Times LMR1200 coax cable. Two cable runs per boot.	37.00 1.64 0.75	34.78 34.04 33.30
88771 1 EACH	Microflect/Valmont B1686B 2 Years	Use with Times LMR900 coax cable. Two cable runs per boot.	37.00 1.64 0.75	36.45 36.26 36.08

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
61837 1 EACH	Microflect/Valmont B537B 2 Years	Use with Andrew or Cablewave 7/8" foam or air dielectric cable. One cable run per boot.	37.00 1.66 0.75	34. 34. 33.
48623 1 EACH	Microflect/Valmont B1193B 2 Years	Use with Andrew or Cablewave 7/8" foam or air dielectric cable. Two runs of cable per boot.	37.00 1.64 0.75	34. 34. 33.
41197 1 EACH	Microflect/Valmont B1341B 2 Years	Use with Andrew or Cablewave foam or air dielectric cable. Two runs of 7/8" cable and one run of 1/2" cable per boot.	37.00 1.8 0.82	34. 34. 33.
73802 1 EACH	Microflect/Valmont B1151B 2 Years	Use with Andrew or Cablewave 7/8" foam or air dielectric cable. Three cable runs per boot. Cushion contains one plug.	37.00 1.58 0.72	34. 34. 33.
37164 1 EACH	Microflect/Valmont B1692B 2 Years	Use with Times LMR1700 coax cable. One cable run per boot.	37.00 2 0.91	34. 34. 33.
61142 1 EACH	Microflect/Valmont B1152B 2 Years	Use with Andrew or Cablewave 1 1/4" foam or air dielectriccable. One cable run per boot.	37.00 1.93 0.88	34. 34. 33.
47374 1 EACH	Microflect/Valmont B535B 2 Years	Use with Andrew or Cablewave 1 5/8" foam or air dielectriccable. One cable run per boot.	37.00 2 0.91	34. 34. 33.
29164 1 EACH	Microflect/Valmont B542B 2 Years	Use with Andrew EW52 & EWP52 and Cablewave WE61 elliptical waveguides. 1 cable run per boot	37.00 1.64 0.75	34. 34. 33.
79522 1 EACH	Microflect/Valmont B544B 2 Years	Use with Andrew EW63 & EWP63 and Cablewave WE65 elliptical waveguides. 1 cable run per boot	37.00 1.64 0.75	34. 34. 33.
66308 1 EACH	Microflect/Valmont B1293B 2 Years	Use with Andrew EW63 & EWP63 and Cablewave WE65 elliptical waveguides. 2 cable runs per boot	37.00 1.64 0.75	36. 36. 36.

4" Waveguide Boot Assembly



98627 70027 47020

The waveguide boot assemb fits all appropriate Microflec waveguide entry panels. Boo material is unaffected by oz sunlight, aging or extremes heat and cold. The boot and cushion material meets spe cations ASTM-D2000-70b a ASE J200.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 42244 1 EACH	RFS Cablewave 915662 1 year	4" cable boot with 1 hole for 1 5/8" Cable	66.00 1.5 0.68	46 43 40
60234 1 EACH	CommScope, Inc. 540RPC 2 Years	Blank boot. Punch for custom fit.	11.75 1 0.45	9. 9. 8.
98627 1 EACH	CommScope, Inc. 540SPC 2 Years	Blank boot. Punch for custom fit.	11.75 0.4 0.18	9. 9. 8.
70027 1 EACH	CommScope, Inc. 1070RPC 2 Years	Blank boot. Punch for custom fit.	11.75 0.5 0.23	9. 9. 8.
98859 1 EACH	CommScope, Inc. 1873RPC 2 Years	Use with 1 5/8" Call Reach cable. 2 runs per cushion.	11.75 0.4 0.18	9. 9. 8.
47020 1 EACH	CommScope, Inc. 1070SPC 2 Years	3 Holes for 7/8" Cell Reach Cable.	11.75 0.3 0.14	9 9 8
47252 1 EACH	CommScope, Inc. 1873SPC 2 Years	Use with 1 5/8" Cell Reach cable. 1 run per cushion.	11.75 0.3 0.14	9 9 8

Boot Assembly Without Cushions

39277

Wireless Solutions boot assembly is designed to be used with standa port cushions to support cables through aluminum waveguide panels boot's one-piece design makes assembly a snap. Boot available for 4" 5" diameter waveguide entry ports. Order cushions from above listir separately.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T T T
39277 1 EACH	Wireless Solutions BA-400 3 Years	4" waveguide boot with 2 clamps. Cushion not included.	28.00 1.5 0.68	2 2 2

NEW = New Listing. Pricing for reference
See TESSCO.com for latest pricing and pro
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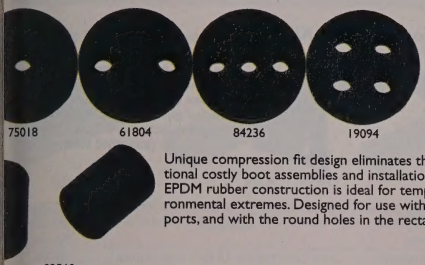
uing product table (2 of 2)

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
88 CH	Wireless Solutions BA-500 3 Years	5" waveguide boot with 2 clamps. Cushion not included.	29.50 1.8 0.82	27.59 27.00 26.41

reless Solutions Port Cushions



75018 61804 84236 19094

82560

Unique compression fit design eliminates the need for traditional costly boot assemblies and installation tools. The durable EPDM rubber construction is ideal for temperature and environmental extremes. Designed for use with all standard entry ports, and with the round holes in the rectangular entry ports.

uing product table (1 of 2)

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
18 CH	Wireless Solutions SC-12-1 3 Years	For 1/2" corrugated cable. 1 run per cushion.	5.00 0.35 0.16	4.68 4.58 4.48
04 CH	Wireless Solutions SC-12-2 3 Years	For 1/2" corrugated cable. 2 runs per cushion.	5.00 0.35 0.16	4.68 4.58 4.48
36 CH	Wireless Solutions SC-12-3 3 Years	For 1/2" corrugated cable. 3 runs per cushion.	5.00 0.5 0.23	4.68 4.58 4.48
94 CH	Wireless Solutions SC-12-4 3 Years	For 1/2" corrugated cable. 4 runs per cushion.	5.00 0.33 0.15	4.68 4.58 4.48
80 CH	Wireless Solutions SC-78-1 3 Years	For 7/8" corrugated cable. 1 runs per cushion.	5.00 0.5 0.23	4.68 4.58 4.48
00 CH	Wireless Solutions SC-78CR-1 3 Years	For 7/8" CellReach cable. 1 run per cushion.	5.00 0.23 0.1	4.68 4.58 4.48
73 CH	Wireless Solutions SC-78-2 3 Years	For 7/8" corrugated cable. 2 runs per cushion.	5.00 0.5 0.23	4.68 4.58 4.48
29 CH	Wireless Solutions SC-78-3 3 Years	For 7/8" corrugated cable. 3 runs per cushion.	5.00 0.5 0.23	4.68 4.58 4.48
66 CH	Wireless Solutions SC-78-4 3 Years	For 7/8" corrugated cable. 4 runs per cushion.	5.00 0.5 0.23	4.68 4.58 4.48
22 CH	Wireless Solutions SC-114-1 3 Years	For 1-1/4" corrugated cable. 1 run per cushion.	5.00 0.5 0.23	4.68 4.58 4.48
15 CH	Wireless Solutions SC-158-1 3 Years	For 1-5/8" corrugated cable. 1 run per cushion.	5.00 0.5 0.23	4.68 4.58 4.48
49 CH	Wireless Solutions SC-214-1 3 Years	For 2-1/4" corrugated cable. 1 run per cushion.	5.00 0.5 0.23	4.68 4.58 4.48
15 CH	Wireless Solutions SC-52-1 3 Years	For EW52 and WE61 elliptical waveguides. 1 run per cushion.	5.00 0.23 0.1	4.68 4.58 4.48
74 CH	Wireless Solutions SC-63-1 3 Years	For EW 63 and EW65 elliptical waveguide. 1 run per cushion.	5.00 0.4 0.18	4.68 4.58 4.48
17 CH	Wireless Solutions SC-180-1 3 Years	For EW180 and WE191 elliptical waveguides. 1 run per cushion.	5.00 0.4 0.18	4.68 4.58 4.48
V 40 H	Wireless Solutions SC-B 3 Years	Blank Cushion No holes	5.00 0.38 0.17	4.68 4.58 4.48
0 K	Wireless Solutions CP-12 3 Years	1/2"cushion plug. Used for filling unused spaces in multi-hole cushion. Package of 5.	3.00 0.15 0.07	2.81 2.75 2.69
9 K	Wireless Solutions CP-78 3 Years	7/8" cushion plug. Used for filling unused spaces in multi-hole cushion. Package of 5.	3.00 0.15 0.07	2.81 2.75 2.69
6 K	Wireless Solutions CP-114 3 Years	1-1/4" cushion plug .Used for filling unused holes in multi-hole cushion. Package of 5.	3.00 0.15 0.07	2.81 2.75 2.69

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
58630 1 PACK	Wireless Solutions CP-158 3 Years	1-5/8" cushion plug. Used for filling unused holes in multi-hole cushion. Package of 5.	3.00 0.15 0.07	2.81 2.75 2.69

Waveguide Cushions

45202

Cushions are available to fit most sizes of coaxial cable and waveguide. They are easily attached to any tower or horizontal waveguide support. The clamp has a stop that allows a firm grip without distortion. Material is unaffected by sunlight, ozone or extremes in temperature. Includes clamp and clamp head.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
45202 5 PACK	Microflect/Valmont B1168 2 Years	Use with Andrew and Cablewave 3/8" foam dielectric cables. One cable run per cushion.	35.00 1.8 0.82	34.48 34.30 34.13
455075 5 PACK	Microflect/Valmont B1398 2 Years	Use with 1" Rigid Conduit. One cable run per cushion.	35.00 2 0.91	34.48 34.30 34.13
68817 5 PACK	Microflect/Valmont B1609 2 Years	Use with Andrew and Cablewave 3/8" foam dielectric cables. Four cable runs per cushion.	35.00 1.8 0.82	34.48 34.30 34.13
69132 5 PACK	Microflect/Valmont B1169 2 Years	Use with Andrew and Cablewave 3/8" foam dielectric cables. Three cable runs per cushion.	35.00 1.8 0.82	34.48 34.30 34.13
28209 5 PACK	Microflect/Valmont B1677 2 Years	Use with Times LMR500 coax cable.One run per cushion.	35.00 1.8 0.82	34.48 34.30 34.13
14995 5 PACK	Microflect/Valmont B1678 2 Years	Use with Times LMR500 coax cable.Two run per cushion.	35.00 1.8 0.82	34.48 34.30 34.13
34962 5 PACK	Microflect/Valmont B1674 2 Years	Use with Times LMR400 coax cable.Two run per cushion.	35.00 1.8 0.82	34.48 34.30 34.13
66438 5 PACK	Microflect/Valmont B1673 2 Years	Use with Times LMR240 coax cable. Four runs per cushion.	35.00 1.8 0.82	34.48 34.30 34.13
78567 5 PACK	Microflect/Valmont B1679 2 Years	Use with Times LMR500 coax cable.Three runs per cushion:	35.00 1.8 0.82	34.48 34.30 34.13
83595 5 PACK	Microflect/Valmont B1126 2 Years	Use with Andrew and Cablewave 1/2" foam dielectric cables. One cable run per cushion.	35.00 1.8 0.82	34.48 34.30 34.13
18774 5 PACK	Microflect/Valmont B1189 2 Years	Use with Andrew and Cablewave 1/2" foam dielectric cables.Two cable runs per cushion.	35.00 1.8 0.82	34.48 34.30 34.13
32680 5 PACK	Microflect/Valmont B1681 2 Years	Use with Times LMR600 coax cable.One run per cushion.	35.00 1.8 0.82	34.48 34.30 34.13
71073 5 PACK	Microflect/Valmont B1682 2 Years	Use with Times LMR600 coax cable.Two runs per cushion.	35.00 1.8 0.82	34.48 34.30 34.13
19466 5 PACK	Microflect/Valmont B1683 2 Years	Use with Times LMR600 coax cable.Three runs per cushion.	35.00 1.8 0.82	34.48 34.30 34.13
57859 5 PACK	Microflect/Valmont B1685 2 Years	Use with Times LMR900 coax cable.One run per cushion.	35.00 1.8 0.82	34.48 34.30 34.13
96252 5 PACK	Microflect/Valmont B1686 2 Years	Use with Times LMR900 coax cable.Two run per cushion.	35.00 1.8 0.82	34.48 34.30 34.13
79291 5 PACK	Microflect/Valmont B1687 2 Years	Use with Times LMR900 coax cable.Three runs per cushion.	35.00 1.8 0.82	34.48 34.30 34.13
57167 5 PACK	Microflect/Valmont B1112 2 Years	Use with Andrew and Cablewave 1/2" foam dielectric cables.Three cable runs per cushion.	35.00 1.8 0.82	34.48 34.30 34.13
34672 5 PACK	Microflect/Valmont B540 2 Years	Use with Andrew and Cablewave 1/2" air dielectric cable.Three cables runs per cushion.	35.00 1.8 0.82	34.48 34.30 34.13
29232 5 PACK	Microflect/Valmont B1402 2 Years	Use with Andrew and Cablewave 1/2" foam dielectric cables. Four cables runs per cushion.	35.00 1.8 0.82	34.48 34.30 34.13
30186 5 PACK	Microflect/Valmont B1341 2 Years	Use with Andrew and Cablewave 1/2" & 7/8" foam and air dielectric cables.Two runs of 7/8" and one run of 1/2" cable per cushion.	35.00 2 0.91	34.48 34.30 34.13
86995 5 PACK	Microflect/Valmont B1251 2 Years	Use with Andrew and Cablewave 1/2" & 7/8" foam and air dielectric cables.Two runs of 1/2" and one run of 7/8" cable per cushion.	35.00 1.8 0.82	34.48 34.30 34.13
12516 5 PACK	Microflect/Valmont B537 2 Years	Use with Andrew and Cablewave 7/8" foam and air dielectric cables. One cable run per cushion.	35.00 1.8 0.82	34.48 34.30 34.13

= New Listing. Pricing for reference only.
SSCD.com for latest pricing and products.

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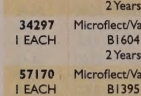
Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
95560 5 PACK	Microflect/Valmont B1193 2 Years	Use with Andrew and Cablewave 7/8" foam and air dielectric cables. Two cable runs per cushion.	35.00 1.8 0.82	34.48 34.30 34.13
85677 5 PACK	Microflect/Valmont B1386 2 Years	Use with Andrew and Cablewave 7/8" foam dielectric cables. Four cable runs per cushion.	35.00 1.8 0.82	34.48 34.30 34.13
43953 5 PACK	Microflect/Valmont B1151 2 Years	Use with Andrew and Cablewave 7/8" foam and air dielectric cables. Three cable runs per cushion. Cushion contains one plug.	35.00 1.64 0.75	34.48 34.30 34.13
27684 5 PACK	Microflect/Valmont B1689 2 Years	Use with Times LMR1200 coax cable. One run per cushion.	35.00 1.8 0.82	34.48 34.30 34.13
66077 5 PACK	Microflect/Valmont B1690 2 Years	Use with Times LMR1200 coax cable. Two runs per cushion.	35.00 1.8 0.82	34.48 34.30 34.13
52863 5 PACK	Microflect/Valmont B1691 2 Years	Use with Times LMR 1200 coaxial cable. Three runs per cushion.	35.00 2 0.91	34.48 34.30 34.13
78349 5 PACK	Microflect/Valmont B1152 2 Years	Use with Andrew and Cablewave 1 1/4" foam or air dielectric cables. One cable run per cushion.	35.00 1.8 0.82	34.48 34.30 34.13
66490 5 PACK	Microflect/Valmont B535 2 Years	Use with Andrew and Cablewave 1 5/8" foam and air dielectric cables. One cable run per cushion.	35.00 1.8 0.82	34.48 34.30 34.13
78042 5 PACK	Microflect/Valmont B1692 2 Years	Use with Times LMR1700 coax cable. One run per cushion.	35.00 1.8 0.82	34.48 34.30 34.13
82346 5 PACK	Microflect/Valmont B1262 2 Years	Use with Andrew 2/14" air dielectric cable. One cable run per cushion.	35.00 1.8 0.82	34.48 34.30 34.13
54669 5 PACK	Microflect/Valmont B542 2 Years	Use with Andrew EW52, EWP52 and Cablewave WE61 elliptical waveguides. 1 run per cushion	35.00 1.8 0.82	34.48 34.30 34.13
79848 5 PACK	Microflect/Valmont B544 2 Years	Use with Andrew EW63, EWP63 and Cablewave WE65 elliptical waveguides. One cable run per cushion.	35.00 1.8 0.82	34.48 34.30 34.13
28241 5 PACK	Microflect/Valmont B1293 2 Years	Use with Andrew EW63 and Cablewave WE65 elliptical waveguide. Two cable runs per cushion.	35.00 1.8 0.82	32.90 32.20 31.50
42704 5 PACK	Microflect/Valmont B539 2 Years	Use with Andrew EW122, EW 127 and Cablewave WE122, WE130 elliptical waveguides. One cable run per cushion.	35.00 1.8 0.82	34.48 34.30 34.13
40405 5 PACK	Microflect/Valmont B559 2 Years	Use with Andrew or Cablewave WR137 rectangular waveguide. One run per cushion.	35.00 1.8 0.82	34.48 34.30 34.13
34297 1 EACH	Microflect/Valmont B1604 2 Years	Cushion plug. Fills hole for 1/2" foam dielectric cable.	0.60 0.25 0.11	0.55 0.54 0.53
57170 1 EACH	Microflect/Valmont B1395 2 Years	Cushion plug. Fills hole for 7/8" foam dielectric cable. One piece.	0.60 0.05 0.02	0.60 0.59 0.59
18259 1 EACH	Microflect/Valmont B1605 2 Years	Cushion plug. Fills hole for 1-1/4" foam dielectric cable. One piece.	1.50 0.07 0.03	1.48 1.47 1.47

Sealing Caps



36984

Sealing Caps are used to cover unused openings in waveguide entry panels.

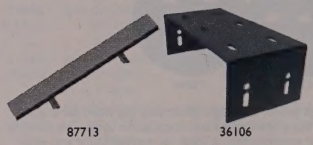
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36984 1 EACH	Microflect/Valmont B267 2 Years	For 4" diameter entries.	1.00 0.2 0.09	0.94 0.92 0.90
75377 1 EACH	Microflect/Valmont B268 2 Years	For 5" diameter entries.	1.50 0.1 0.05	1.41 1.38 1.35

Vertical Cable/Waveguide Supports [435-10]

Don't Forget These Important Installation items

Power Drills. . . . . page 151
Wrenches . . . . . page 158
Machine Screws. . . . . page 175

Wall Mount Coax Support Kit

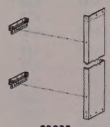


87713 36106

The Wall Coax Support Kit is a complete tem which provides support and protect for coax runs in wall mount applications. included galvanized wall mount brackets ture pre-punched 3/4" holes, cover is for from hot dip galvanized steel.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T- T-
87713 1 EACH	Wireless Solutions MT-F1589 3 Years	Wall Coax Support Kit for 4 runs of Coax	80.00 42 19.09	78 77 76
74499 1 EACH	Wireless Solutions MT-F1590 3 Years	Wall Support Kit for 8 runs of Coax.	124.00 63 28.63	121 120 119
91255 1 EACH	Wireless Solutions MT-F1591 3 Years	Wall Coax Support Kit for 12 runs of coax.	150.00 63 28.63	147 145 144
36106 1 EACH	Wireless Solutions MT-F1607 3 Years	Straight Splice for 4 run wall kit	14.00 1.8 0.82	13 13 13
22892 1 EACH	Wireless Solutions MT-F1608 3 Years	Straight Splice for 8 run wall kit.	18.00 3.1 1.41	17 17 17

Wall-Mounted Coax Support Kit.

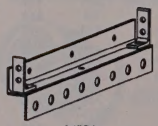


82932

Kits are furnished with two wall-mounted brackets and a 8' long, 16 guage cover to support and protect coax runs on a wall surface. Kit brackets are nished with 3/4" holes for snap-in hangers to support up to 1-5/8" coax. S covers bolt directly to the brackets and are furnished with two 7/16" hole each side of the cover for attachment of grounding lugs.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
82932 1 EACH	Microflect/Valmont B1589 2 Years	8 ft long support kit for 4 runs of coax.	80.00 42 19.09	78 78 78
84651 1 EACH	Microflect/Valmont B1590 2 Years	8 ft long support kit for 8 runs of coax.	124.00 63 28.63	12 12 12
68359 1 EACH	Microflect/Valmont B1591 2 Years	8 ft long support kit for 12 runs of coax.	150.00 96 43.63	14 14 14
76522 1 EACH	Microflect/Valmont B1607 2 Years	Cover Splice for Wall-Mount Support Kit, 4 runs.	10.00 1.8 0.82	9 9 9
52067 1 EACH	Microflect/Valmont B1608 2 Years	Cover Splice for Wall-Mount Support Kit, 8 runs.	12.00 3.1 1.41	1 1 1

Wall-Mounted Coax Support Bracket



94554

Three individual bracket models are furnished with 3/4" holes for in hangers to support four, eight and twelve runs of up to 1-5/8" c The brackets are supplied with two 7/16" mounting holes on each for attachment of ground lugs. All hardware is included except for mounting of the bracket. The bracket has 1/2" holes for mounting the wall.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T T T
94554 1 EACH	Microflect/Valmont B1586 2 Years	11" Wide bracket for mounting 4 runs of coax.	12.00 5 2.27	1 1 1

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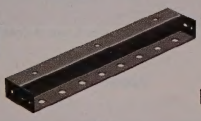
uing product table (2 of 2)

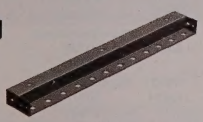
No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37 CH	Microflect/Valmont B1587 2 Years	21" Wide bracket for mounting 8 runs of coax.	14.00 6.2 2.82	13.79 13.72 13.65
14 CH	Microflect/Valmont B1588 2 Years	30" Wide bracket for mounting 12 runs of coax.	16.00 8.4 3.82	15.76 15.68 15.60

ll Mount Coax Brackets

49320



39648



10927

Mount Brackets for use in wall mounting applications where a cover is not required. kets are galvanized and feature pre-punched 3/4" holes to accommodate snap-in hangers.

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
20 CH	Wireless Solutions MT-F1586 3 Years	Wall Mount Bracket for 4 runs of coax.	12.00 4.2 1.91	11.76 11.64 11.52
48 CH	Wireless Solutions MT-F1587 3 Years	Wall Mount Bracket for 8 runs of coax.	14.00 4.2 1.91	13.72 13.58 13.44
27 CH	Wireless Solutions MT-F1588 3 Years	Wall Mount Bracket for 12 runs of coax.	16.00 8.4 3.82	15.68 15.52 15.36

rizontal Z Bracket

Horizontal Z brackets offer a simplified way to support multiple cable runs under waveguide bridges and on flat surfaces such as walls, keeping the cable free from damage. Low profile, uses less space than cluster brackets or waveguide crosses. Pre-punched with 3/4" holes for snap in hangers and 7/16" holes for standard hangers. Galvanized for excellent corrosion resistance.

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
14 CH	Wireless Solutions ZB-H8 3 Years	Horizontal Z bracket for 14 runs of cable.	15.00 4 1.82	14.85 14.63 14.40
V 00 CH	Wireless Solutions ZB-H4 3 Years	Horizontal Z bracket for 7 runs of cable.	12.50 2.5 1.14	12.38 12.19 12.00
7 CH	Wireless Solutions ZB-H12 3 Years	Horizontal Z bracket for 22 runs of cable.	17.50 7.75 3.52	17.33 17.07 16.80

versal Tower Leg Standoffs

27206

66230

Universal tower leg standoff brackets are a unique new bracket for handling up to six rows of hangers. They can accommodate either round or angle members. Universal tower leg standoff brackets are available in either perpendicular or parallel models.

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
3 H	Wireless Solutions TL-SA2550 3 years	Perpindiuclar bracket for 0"- 5-9/16" OD round members or 2.5"-5.0" angle members	12.50 6 2.73	12.38 12.19 12.00
6 H	Wireless Solutions TL-SA6080 3 years	Perpindicular bracket for 6"-10-3/4"OD round members or 6"-8" angle members	18.00 4 1.82	17.82 17.55 17.28
7 H	Wireless Solutions TL-SAF2550 3 years	Parallel bracket for 0"-5.0"OD round members or 2.5"-5" angle members	12.50 6 2.73	12.38 12.19 12.00
0 H	Wireless Solutions TL-SAF6080 3 years	Parallel bracket for 6"-10.75"OD round members or 6"-8" angle members	18.00 6 2.73	17.82 17.55 17.28

Tower Leg Stand-off Brackets

419197

Tower Leg Stand-off Brackets are used for mounting coax cable hangers to round members. Extending inside or outside the tower these brackets increase coax capacity and bypasses leg flanges and other obstacles. Pre-punched with 7/16" holes and hot dipped galvanized construction.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 419197 5 PACK	Wireless Solutions MC-H300 3 years	Tower Leg Stand-off Bracket for 4" to 9" OD round memebers.	107.50 27 12.27	106.43 104.82 103.20

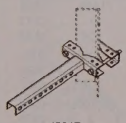
Pivoting Arm Star Support Brackets

71599

Pivoting arm star support brackets offer an innovative swiveling mounting plate that accommodates up to six rows of hangers. Support brackets can accomodate either round or angle members.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
71599 1 EACH	Wireless Solutions SS-1FB2550 3 years	Single Arm Star Support Brackets for 1.5"-5 9/16" OD round members and 2-1/2" - 5" angle members.	26.50 8 3.64	26.24 25.84 25.44
98027 1 EACH	Wireless Solutions SS-TB2550 3 years	Star Support T Bracket for 1.5"-5 9/16" OD round members and 2-1/2" angle members.	26.50 8.68 3.95	26.24 25.84 25.44
58385 1 EACH	Wireless Solutions SS-1FB6080 3 years	Single Arm Star Support Brackets for 6"-10-3/4 OD round members and 6-8" angle members.	32.00 10 4.54	31.68 31.20 30.72
84813 1 EACH	Wireless Solutions SS-TB6080 3 years	Star Support T Bracket for 6"-10.75" OD round members or 6"-8" angle members.	32.00 12 5.45	31.68 31.20 30.72
81066 1 EACH	Wireless Solutions SS-2FB2550 3 years	Double Arm Star Support Brackets for 1.5"-5 9/16" OD round members and 2.5"-5" angle members.	33.50 11 5	33.17 32.67 32.16
92705 1 EACH	Wireless Solutions SS-TB 3 years	Star Support T Bracket Adapter Doubles Capacity of Adapter to 24 hangers.	14.00 3 1.36	13.86 13.65 13.44
29459 1 EACH	Wireless Solutions SS-2FB6080 3 years	Double Arm Star Support Brackets for 6"-10.5" OD round members and 6"-8" angle members.	39.00 13 5.91	38.61 38.03 37.44
41098 1 EACH	Wireless Solutions SS-FB 3 years	Star Support Face Bracket Adapter Doubles Capacity of Adapter to 24 hangers.	14.00 13 5.91	13.86 13.65 13.44

Universal Snap-In Brackets



45867

The Universal Snap-In Bracket supports 12 or 16 Snap-In Hangers for coax transmission lines on angle-leg or pipe-leg structures. 3/4" diameter holes for snap-in and 7/16" diameter holes to support Cushion or Butterfly Hangers. Galvanized.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
45867 1 EACH	Microflect/Valmont B2250 2 years	Universal Snap-In Bracket, 12 Runs. 5" x 5" angle-leg or 6" to 8 5/8" OD pipe-leg.	29.00 9.8 4.45	28.57 28.42 28.28
NEW 22523 1 EACH	Microflect/Valmont B2251 1 year	Universal Snap-in bracket, 12 runs. For 8" x 8" angle or 10 3/4" to 12 3/4"OD tower legs.	31.00 4.6 2.09	30.54 30.38 30.23
NEW 57187 1 EACH	Microflect/Valmont B2252 1 year	Universal Snap-in bracket, 16 runs. Fits 2.5" x 2.5" to 4" x 4" angle or 1 1/2" to 5 9/16"OD pipe .	29.00 4.6 2.09	28.57 28.42 28.28
NEW 77530 1 EACH	Microflect/Valmont B2253 1 year	Universal Snap-in bracket, 16 runs. Fits 5" x 5" to 6" x 6" angle or 6" to 8 5/8"OD pipe.	31.00 4.6 2.09	30.54 30.38 30.23
NEW 77534 1 EACH	Microflect/Valmont B2254 1 year	Universal Snap-in brackets, 16 runs. Fits 8" x 8" angle or 10 3/4" - 12 3/4"OD pipe.	33.00 4.6 2.09	32.51 32.34 32.18
33078 1 EACH	Microflect/Valmont B2249 2 years	Universal Snap-In Bracket for 12 runs of coax. Fits 2.5" x 2.5" - 4" x 4" angle and 1 1/2" - 5 9/16" OD pipe.	27.00 4.6 2.09	26.60 26.46 26.33

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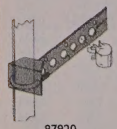
Angle 4-Leg Support Clamp for Coax.

75955

Clamps provide support for either six Cushion Hangers, six Snap-in Hangers or two Microflect Hanger Blocks. Material is 3/16" galvanized steel.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
75955 1 EACH	Microflect/Valmont B1472 2 Years	2"x2" & 3"x3" angles.	13.00 4 1.82	12.81 12.74 12.68
24348 1 EACH	Microflect/Valmont B1473 2 Years	3.5"x3.5" & 4"x4" angles.	17.00 4 1.82	16.75 16.66 16.58
11134 1 EACH	Microflect/Valmont B1474 2 Years	5"x5" & 6"x6" angles.	22.00 4 1.82	21.67 21.56 21.45
49527 1 EACH	Microflect/Valmont B1475 2 Years	8"x8" angles.	26.00 5 2.27	25.61 25.48 25.35

Angle 3-Leg Support Clamp for Coax

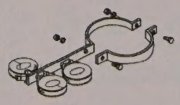


87920

Clamps provide support for either six Cushion Hangers, six Snap-in Hangers or two Microflect Hanger Blocks. Material is 3/16" galvanized steel.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
87920 1 EACH	Microflect/Valmont B1753 2 Years	3.5" x 3.5" & 4" x 4" Angles	21.00 4 1.82	20.69 20.58 20.48

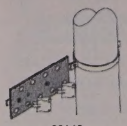
Tower Leg Clamps



Tower leg clamps are heavy, 3/16" x 1 1/2" galvanized steel formed to fit commonly-used tower members. The pre-punched holes are used with 3/8" hardware to attach waveguide cushions. Conduit runs and ground wire can be attached to the clamps. Includes two 1/2" x 1 3/4" bolts,nuts and lockwashers.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
70617 1 EACH	Microflect/Valmont B1452 2 Years	1 1/2" to 1 7/8" O.D.	14.00 3 1.36	13.79 13.72 13.65
39609 1 EACH	Microflect/Valmont B123 2 Years	2 3/8" O.D.	10.00 3 1.36	9.85 9.80 9.75
78002 1 EACH	Microflect/Valmont B135 2 Years	2 7/8" O.D.	11.00 3 1.36	10.84 10.78 10.73
26395 1 EACH	Microflect/Valmont B142 2 Years	3 1/2" O.D.	11.00 3.2 1.45	10.84 10.78 10.73
64788 1 EACH	Microflect/Valmont B147 2 Years	4" O.D.	11.00 3.2 1.45	10.84 10.78 10.73
13181 1 EACH	Microflect/Valmont B151 2 Years	4 1/2" O.D.	12.00 3.2 1.45	11.82 11.76 11.70
51574 1 EACH	Microflect/Valmont B155 2 Years	5 9/16" O.D.	12.00 4 1.82	11.82 11.76 11.70
89967 1 EACH	Microflect/Valmont B163 2 Years	6 5/8" O.D.	14.00 3.8 1.73	13.79 13.72 13.65

Snap-In Adapter, Tower Leg Clamps.

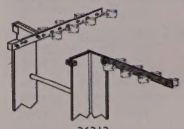


89169

The Snap-in Adapter, which bolts to the Pipe-leg or Round-leg Support Clamps, provides the capability to use Snap-in hangers for support of co transmission lines. Bolts to clamps via 3/8" hardware. Hot-dipped Galva nized.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
89169 1 EACH	Microflect/Valmont B1720 2 Years	Adapter for 6 runs of Coax.	6.00 2.6 1.18	5.9 5.8 5.8
37562 1 EACH	Microflect/Valmont B1717 2 Years	Adapter for 9 runs of Coax.	8.00 2.6 1.18	7.8 7.8 7.8

Climbing-Ladder Cable Bracket.



36313

The Bracket supports up to seven Snap-in hangers for support coax transmission line on climbing ladders built with vertical an members. May be mounted to either leg of the angle. Galvanize steel.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
36313 1 EACH	Microflect/Valmont B1558 2 Years	2.5"x2.5" to 4"x4" angles.	22.00 1 0.45	21. 21. 21.

Cluster Support Brackets

The Cluster Support Bracket is a versatile means to supp multiple runs of coaxial cable in virtually any application. pre-punched design allows for 3/8" or 3/4" hanger applic tions and is available in small, large and large hinged versi for versatility and compatibility. Mounts to tower leg usi either angle adapter or round member stand-off adapter

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
54638 1 EACH	Wireless Solutions CS-B 3 Years	Small Cluster Bracket H-ware not included.	16.00 3 1.36	15 15 15
38926 1 EACH	Wireless Solutions CS-BLH 3 Years	Hinge Cluster Bracket H-ware not included.	31.00 4 1.82	30 30 29
77319 1 EACH	Wireless Solutions CS-BLH-R2 3 Years	Hinge Cluster Bracket with 2"-5" Round Member Adapter	43.00 9 4.09	42 41 41
25712 1 EACH	Wireless Solutions CS-BL-R6 3 Years	Hinge Cluster Bracket with 6"-8" Round Member Adapter	46.00 9 4.09	45 44 44
64105 1 EACH	Wireless Solutions CS-BLH-2 3 Years	Hinge Cluster Bracket with 2-3/8" Round Member U-Bolt	36.00 5 2.27	35 35 34
28210 1 EACH	Wireless Solutions CS-B-R2 3 Years	Small Cluster Bracket with 2"-5" Round Member Adapter	26.00 7 3.18	25 25 24
14996 1 EACH	Wireless Solutions CS-B-R6 3 Years	Small Cluster Bracket with 6"-8" Round Member Adapter	32.00 8 3.64	3 3 31
53389 1 EACH	Wireless Solutions CS-B-2 3 Years	Small Cluster Bracket with 2-3/8" Round Member U-Bolt	21.00 4 1.82	21 21 21
91782 1 EACH	Wireless Solutions CS-BL 3 Years	Large Cluster Bracket H-ware not included.	24.00 4 1.82	2 2 2
13747 1 EACH	Wireless Solutions CS-BL-R2 3 Years	Large Cluster Bracket with 2"-5" Round Member Adapter	33.00 8 3.64	3 3 3
52140 1 EACH	Wireless Solutions CS-BL-R6 3 Years	Large Cluster Bracket with 6"-8" Round Member Adapter	36.00 9 4.09	3 3 3
90533 1 EACH	Wireless Solutions CS-BL-2 3 Years	Large Cluster Bracket with 2-3/8" Round Member U-Bolt	29.00 5 2.27	2 2 2

TESSCO TECHNOLOGIES®

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REST OF WORLD +1 410-229-1200
FAX 410-527-0005
WWW.TESSCO.COM

NEW = New Listing. Pricing for reference
See TESSCO.com for latest pricing and pro
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tinuing product table (2 of 2)

rt No. y/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 15130 EACH	Wireless Solutions CS-BL-A 3 Years	Large Cluster Bracket with Angle Member Attachment	29.00 5 2.27	28.71 28.28 27.84

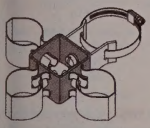
/aveguide Cluster Attachment

53909

Octagonal cable support for one to seven runs of cable. Attaches to tower via pre-drilled 9/16" mounting hole. Fabricated from 3/16" steel and hot-dip galvanized. The B1258 has 3/4" holes for use with Andrew snap-in hanger kits. The B1259 has 7/16" holes for use with Microflect waveguide cushions.

rt No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
5023 ACH	Microflect/Valmont B1258 2 Years	Cluster for Snap In Hangers	12.00 2 0.91	11.82 11.76 11.70
3909 ACH	CESCO CPMB 1 Year	Cable pak mounting brackets.	43.00 10 4.54	34.40 33.54 33.11
5403 ACH	Microflect/Valmont B1259 2 Years	Cluster Bracket	12.00 2 0.91	11.82 11.76 11.70
0695 ACH	CESCO CPRM 1 Year	Round member mounting bracket	9.00 2 0.91	7.20 7.02 6.93

ap-In Box

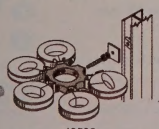


Snap-In Box provides three 3/4" diameter holes for the attachment of Snap-In Hangers. The Box mounts to tower members, universal clamps or standoff kits with hose clamps. 3/8" attachment hardware is not provided.

e No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
5783 PACK	Wireless Solutions CS-BS 3 Years	Mini Cluster Support Block for Snap-in Hangers	40.00 4.4 2	39.60 39.00 38.40
122 ACH	Microflect/Valmont B2143 2 Years	Snap-In Box with 3/4" diameter holes for the attachment of Snap-In Hangers. Order stand-off and hose clamp or angle adapter separately.	4.00 0.58 0.26	3.94 3.92 3.90

aveguide Crosses

434191

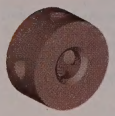


63539

These lightweight aluminum crosses will support up to five waveguide cushions. Attachment to the tower is simplified since only one attachment point provides five clamping positions for waveguide. A 3/8" x 3" long lockwasher and nut is included.

. No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 1191 ACH	Wireless Solutions MF-357 3 Years	Any size	7.60 0.5 0.23	7.53 7.41 7.30
539 ACH	Microflect/Valmont B357 2 Years	Any size	10.00 0.5 0.23	9.85 9.80 9.75

Nylon Crosses

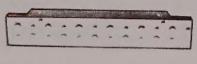


59775

These high temperature, nylon crosses are tapped through for ease of leveling waveguide clamps on 3/8" threaded rod. The cross can be used in a variety of combinations to provide clamping arrangements for any number or size of waveguides.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
59775 5 PACK	Microflect/Valmont B1292 2 Years	Cross member	22.00 0.5 0.23	21.67 21.56 21.45
88348 5 PACK	Wireless Solutions MF-1292 2 Years	Cross member	12.35 0.5 0.23	12.11 11.98 11.86

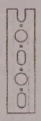
Cable Hanger Adapter Kits



Fits angle or round member tower hardware. Galvanized angle allows multiple coax cables to be installed. Snap in hangers or standard hangers may be used.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
65874 1 EACH	CESCO CHAK 6 1 Year	Allows up to (6) 1-5/8" coax cables to be installed.	21.00 5 2.27	16.80 16.38 16.17
91053 1 EACH	CESCO CHJB-2 1 Year	J-bolts for CHAK 6 or 12 hanger kit.	8.00 5 2.27	6.40 6.24 6.16

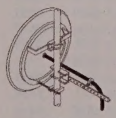
Universal Strut for Snap in Hangers



"Power Strut" is a newly designed universal strut made of 12 gauge steel & hot dipped galvanized after fabrication. The 1 5/8" wide x 7/8" deep strut is custom punched with a series of 7/16" x 1" slotted holes, 1/8" holes for self-drilling screws and 3/4" holes to accommodate snap- in hangers. Every 3" this repeats itself.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
88603 10 FOOT	T.J. Cope, Inc. PS-450-10PG-SPPRC 1 Year	10' section which can be field cut to match need.	35.00 15 6.82	35.00 34.30 33.60

Antenna Waveguide Support



30921

Mounts directly to antenna pipe mount or tower leg. Ideal for supporting cable runs close to the dish and for positioning cable for a vertical run. Includes 36" long angle iron, U-bolt assembly and channel attachment. Waveguide cushions and hangers not included.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30921 1 EACH	Microflect/Valmont B358 2 Years	Up to 4 1/2" O.D.	27.00 12.5 5.68	26.60 26.46 26.33

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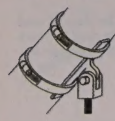
Mounting Tab & Clevis for Pipes



53022

Mounting tab and clevis is designed to provide an adjustable attachment point on a pipe tower without drilling through or damaging the protective finish of members. Base of the tab is 5" long and is attached to tower with two clamps. A 1/2" bolt & nut secure the clevis to the clamp. A tapped hole in the clevis accepts 3/8" threaded rod for suspending waveguide channel.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
53022 1 EACH	Microflect/Valmont B189 2 Years	2" to 7"	61.00 1 0.45	60.09 59.78 59.48

Cable Hanger Blocks Systems [435-13]

Don't forget these important installation items

Wrenches.....page 1581
Wire Markers.....page 1751

Mini Dual Cable Support Blocks

Dual cable blocks substantially reduce system and installation cost by making efficient use of hardware facilitating easy-to-install, compact coax bundles. These durable weather resistant blocks are ideal for use where extreme temperature capability and UV stability is required. Each block holds two runs of cable. Mounting hardware is ordered separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
19047 10 PACK	Wireless Solutions CB-12 3 years	Dual Cable Blocks. For 1/2" corrugated cables.	20.00 1 0.45	19.80 19.50 19.20
57026 10 PACK	Wireless Solutions CB-12CR 3 years	Dual Cable Blocks for 1/2" Commscope	20.00 1 0.45	19.80 19.50 19.20
18420 10 PACK	CommScope, Inc. 540DHK 3 years	Dual Hanger Blocks. For 1/2" Cell Reach only.	46.90 2 0.91	37.52 36.59 35.18
12268 10 PACK	Wireless Solutions CB-58 3 years	Dual Cable Blocks. For 5/8" corrugated cables.	20.00 1 0.45	19.80 19.50 19.20
16193 10 PACK	Wireless Solutions CB-78 3 years	Dual Cable Blocks. For 7/8" corrugated cables.	20.00 1.25 0.57	19.80 19.50 19.20
18633 10 PACK	Wireless Solutions CB-78CR 3 years	Dual Cable Blocks for 7/8" Commscope only.	20.00 1.24 0.56	19.80 19.50 19.20
56813 10 PACK	CommScope, Inc. 1070DHK 3 years	Dual Hanger Blocks. For 7/8" Cell Reach only.	46.90 1.2 0.55	37.52 36.59 35.18
54586 10 PACK	Wireless Solutions CB-114 3 years	Dual Cable Blocks. For 1-1/4" corrugated cables.	25.00 5 2.27	24.75 24.38 24.00
67473 10 PACK	CommScope, Inc. 1873DHK 3 years	Dual Hanger Blocks. For 1 5/8" Cell Reach only.	68.00 1.8 0.82	54.40 53.04 51.00
92979 10 PACK	Wireless Solutions CB-158 3 years	Dual Cable Blocks. For 1-5/8" corrugated cables.	29.00 2 0.91	28.71 28.28 27.84
NEW 486186 10 PACK	Wireless Solutions CB-158CR 3 years	Dual Cable Blocks. For 1-5/8" Cell Reach only.	29.00 2 0.91	28.71 28.28 27.84

Mini Dual Cable Block Hardware

Pre-cut 3/8" galvanized threaded rods allow the installer to stack dual cable blocks quickly and easily in 1, 2, or 3-stack configurations. Each kit includes threaded rods, nuts, flat washer, and lock washer. The kits can be used on their own, or with the brackets and adapters shown below. Note that the 1-5/8" kits can also be used to stack smaller blocks.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
41372 10 PACK	Wireless Solutions HK-SSCB 3 years	For one 1/2", 7/8" or 1-1/4" block	10.00 1.8 0.82	9.90 9.75 9.60
95206 10 PACK	CommScope, Inc. HK-1DHK 3 years	For one 1/2", 7/8" or 1-1/4" block	23.45 5 2.27	18.76 18.30 17.59
66551 10 PACK	Wireless Solutions HK-SSCB158 3 years	For one 1-5/8" or smaller block	10.50 5 2.27	10.40 10.24 10.08
79765 10 PACK	Wireless Solutions HK-DSCB 3 years	For two 1/2", 7/8" or 1-1/4" blocks	14.00 5 2.27	13.86 13.65 13.44
54514 10 PACK	CommScope, Inc. HK-2DHK 3 years	For two 1/2", 7/8" or 1-1/4" blocks	32.85 5 2.27	26.28 25.63 24.64
14944 10 PACK	Wireless Solutions HK-DSCB158 3 years	For two 1-5/8" or smaller blocks	14.50 5 2.27	14.36 14.14 13.92
28158 10 PACK	Wireless Solutions HK-TSCB 3 years	For three 1/2", 7/8" or 1-1/4" blocks	18.00 5 2.27	17.82 17.55 17.28
92907 10 PACK	CommScope, Inc. HK-3DHK 3 years	For three 1/2", 7/8" or 1-1/4" blocks	42.25 5 2.27	33.80 32.96 31.69
53337 10 PACK	Wireless Solutions HK-TSCB158 3 years	For three 1-5/8" or smaller blocks	18.50 5 2.27	18.32 18.04 17.76

Full Size Cable Support Blocks

These cable support blocks are two-piece polycarbonate blocks which can be attached to existing support members neatly hang multiple runs of coaxial cable. Tabs on the inner surface of the blocks hold the cable securely in place. Start and extender kits can be purchased separately to stack mu ple blocks. Also order mounting kits separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($ T-2($ T-3($
78821 10 PACK	Wireless Solutions CB-12L 3 years	Holds six 1/2" runs	46.00 4.16 1.89	45.54 44.85 44.16
27214 10 PACK	Wireless Solutions CB-78L 3 years	Holds four 7/8" runs	46.00 3.5 1.59	45.54 44.85 44.16
65607 10 PACK	Wireless Solutions CB-114L 3 years	Holds three 1-1/4" runs	46.00 3 1.36	45.54 44.85 44.16
14000 10 PACK	Wireless Solutions CB-158L 3 years	Holds two 1-5/8" runs	43.00 5 2.27	42.5 41.9 41.2
NEW 57754 1 PACK	Wireless Solutions CB-214L 3 years	Holds two 2-1/4" runs	43.00 7 3.18	42.5 41.9 41.2

Hardware Kits-Full Size Blocks

Starter hardware kits must be initially utilized for installati to the existing support member. Each set includes 2 thread rods, each with a pre-installed staked hex nut, 2 additional hex nuts, 6 lock washers, 4 flat washers and 2 coupling nu Extender hardware kit is used to attach blocks together. Includes 2 threaded rods, 4 lock washers and 2 coupling n

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
90786 10 PACK	Wireless Solutions HK-SCBL 3 years	Starter kit for 1/2", 7/8" and 1-1/4" blocks.	55.00 5 2.27	54.4 53.8 52.8
77572 10 PACK	Wireless Solutions HK-ECBL 3 years	Extender kit for 1/2", 7/8" and 1-1/4"blocks.	44.00 4.8 2.18	43.5 42.5 42.2

NEW = New Listing. Pricing for reference o
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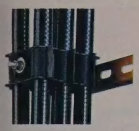
:inuing product table (2 of 2)

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
5965 PACK	Wireless Solutions HK-ECBL158 3 years	Extender kit for 1-5/8" blocks.	44.00 4 1.82	43.56 42.90 42.24
179 PACK	Wireless Solutions HK-SCBL158 3 years	Starter kit for 1-5/8" blocks	55.00 5 2.27	54.45 53.63 52.80
EW 1123 PACK	Wireless Solutions HK-ECBL214 3 years	Extender kit for 2-1/4" blocks.	44.00 4 1.82	43.56 42.90 42.24
EW 3175 PACK	Wireless Solutions HK-SCBL214 3 years	Starter kit for 2-1/4" blocks	55.00 4.1 1.86	54.45 53.63 52.80

ick On Hangers



Click-On Hangers are specifically designed to support HELIAX coaxial cable. They are stackable and provide a perfect fit that gives your telecommunications system a professional appearance, especially in confined spaces. Installation is achieved in just minutes and only requires 2 wrenches. Click On Hangers are made of tough, UV resistant material and set the standard for durability, installation simplicity and cost effectiveness.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
3162 PACK	Andrew Corporation L4CLICK 10 Years	For LDF4-50A 1/2" cable.	31.35 1.07 0.49	22.73 21.17 19.60
3151 PACK	Andrew Corporation L45CLICK 10 Years	For LDF4.5-50A 5/8" cable.	34.50 1.07 0.49	25.01 23.29 21.56
7164 PACK	Andrew Corporation L5CLICK 10 Years	For LDF5-50A 7/8" cable.	36.60 1.07 0.49	26.53 24.70 22.87
1161 PACK	Andrew Corporation L6CLICK 10 Years	For LDF6-50 1-1/4" cable.	47.05 1.07 0.49	34.10 31.75 29.40
114 PACK	Andrew Corporation L7CLICK 10 Years	For LDF7-50A 1-5/8" cable.	52.25 3.9 1.77	37.89 35.27 32.66

ck On Hanger Hardware Kits

Click On Hanger attachment hardware is available in 3/8" or M10 sizes. Constructed of stainless steel for durability. Select hardware length according to planned hanger stack height.

nuing product table (1 of 2)

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
198 ACK	Andrew Corporation 243095-11 10 Years	For use with 1/2", 5/8" or 7/8" cable. 1 stack hanger in M10 size.	20.00 1.07 0.49	14.50 13.50 12.50
136 ACK	Andrew Corporation 243095-9 10 Years	For use with 1/2", 5/8" or 7/8" cable. 1 stack hanger in 3/8" size.	20.00 2.04 0.93	14.50 13.50 12.50
149 ACK	Andrew Corporation 243095-7 10 Years	For use with 1/2", 5/8" or 7/8" cable. 2 stack hanger in M10 size.	28.00 1.07 0.49	20.30 18.90 17.50
125 ACK	Andrew Corporation 243095-5 10 Years	For use with 1/2", 5/8" or 7/8" cable. 2 stack hanger in 3/8" size.	28.00 1.07 0.49	20.30 18.90 17.50
125 ACK	Andrew Corporation 243095-3 10 Years	For use with 1/2", 5/8" or 7/8" cable. 3 stack hanger in M10 size.	34.00 1.07 0.49	24.65 22.95 21.25
184 ACK	Andrew Corporation 243095-1 10 Years	For use with 1/2", 5/8" or 7/8" cable. 3 stack hanger in 3/8" size.	34.00 1.07 0.49	24.65 22.95 21.25

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
464132 10 PACK	Andrew Corporation 243095-12 10 Years	For use with 1-1/4" or 1-5/8" cable. 1 stack hanger in M10 size.	21.00 1.07 0.49	15.23 14.18 13.13
428112 10 PACK	Andrew Corporation 243095-10 10 Years	For use with 1-1/4" or 1-5/8" cable. 1 stack hanger in 3/8" size.	21.00 1.07 0.49	15.23 14.18 13.13
495100 10 PACK	Andrew Corporation 243095-8 10 Years	For use with 1-1/4" or 1-5/8" cable. 2 stack hanger in M10 size.	29.00 1.07 0.49	21.03 19.58 18.13
411131 10 PACK	Andrew Corporation 243095-6 10 Years	For use with 1-1/4" or 1-5/8" cable. 2 stack hanger in 3/8" size.	29.00 1.07 0.49	21.03 19.58 18.13
485146 10 PACK	Andrew Corporation 243095-4 10 Years	For use with 1-1/4" or 1-5/8" cable. 3 stack hanger in M10 size.	36.00 1.07 0.49	26.10 24.30 22.50
459193 10 PACK	Andrew Corporation 243095-2 10 Years	For use with 1-1/4" or 1-5/8" cable. 3 stack hanger in 3/8" size.	36.00 1.07 0.49	26.10 24.30 22.50

Cable Support Blocks.

Microflect Coax Blocks organize coax speeding installation and maintenance. Fully stackable allowing for up to 12 cable runs. Made of strong UV protected material to hold up in extreme weather conditions. Works well with other coax support devices.*Order hardware kits separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
86146 1 EACH	Microflect/Valmont B1760 2 years	Coax Blocks for (4) runs of 7/8" coax.	6.50 1.2 0.55	6.41 6.37 6.34
34539 1 EACH	Microflect/Valmont B1762 2 years	Coax Blocks for (4) runs of 1-5/8" coax.	9.50 1.5 0.68	9.36 9.31 9.27
72932 1 EACH	Microflect/Valmont B1763 2 years	Hardware kit for single stack of B1760Coax Blocks(1/2"x 6" threaded rod.	2.85 2 0.91	2.81 2.80 2.78
21325 1 EACH	Microflect/Valmont B1764 2 years	Hardware kit for single stack of B1762or double stack of B1760(1/2" x 9" threaded rod).	3.45 3 1.36	3.40 3.39 3.37
59718 1 EACH	Microflect/Valmont B1765 2 years	Hardware kit for triple stack of B1760Coax Blocks(1/2"x 12" threaded rod).	3.75 0.4 0.18	3.53 3.45 3.38
98111 1 EACH	Microflect/Valmont B1766 2 years	Hardware kit for double stack of B1762Coax Blocks(1/2"x 15" threaded rod).	4.05 1 0.45	3.99 3.97 3.95
46504 1 EACH	Microflect/Valmont B1767 2 years	Hardware kit for triple stack of B1762Coax Blocks(1/2"x 20" threaded rod).	4.45 1.15 0.52	4.39 4.37 4.34
84897 1 EACH	Microflect/Valmont B1768 2 years	Hardware kit for special application mounting of Coax Blocks(1/2"x24" long threaded rod).	4.20 7 3.18	4.10 4.08 4.06
38837 1 EACH	Microflect/Valmont B1844 2 years	Strap on bracket. Blocks are bolted to bracket and bracket is tied to any size round member via two 1/2" straps.	8.00 0.05 0.02	7.88 7.84 7.80

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Angle Tower Adapters [435-62]

If you are buying these, you might need:

Hanger Kits . . . . . page 454

Angle Adapters

85841 471140 496187 44879 499122 77107

Angle adapters are used to connect cable hangers to Angle Tower Members without drilling any holes into the tower leg.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
85841 10 PACK	Wireless Solutions AA-U 3 years	Universal Stainless Steel Angle Adapter for use with Standard or Snap-in hangers. 3/8" tapped hole. Punch out allows for use with Snap-in hangers too.	48.00 4.65 2.11	47.52 46.80 46.08
NEW **434058** 10 PACK	Wireless Solutions AA-US 3 years	Stainless Steel Angle Adapter, for use with Snap-in Hangers	31.20 4.04 1.84	30.89 30.42 29.96
69829 10 PACK	Wireless Solutions AA-SL 3 years	Stainless steel angle adapter. 3/8" tapped holes.	31.20 5.05 2.3	30.89 30.42 29.96
41321 10 PACK	RFS Cablewave 915255 1 year	Stainless steel angle adapter. 3/8" tapped holes.	73.40 5.5 2.5	52.12 48.45 44.78
NEW **471140** 10 PACK	Andrew Corporation 243684 10 years	Stainless Steel angle adapter for use with Standard hangers. These adapters have a narrower design and can be used to support single runs of coaxial cable up to 2 1/4" diameter. Includes 3/8" tapped hardware.	54.05 4.5 2.05	39.19 36.49 33.79
496187 10 PACK	Andrew Corporation 31768A 10 years	Stainless Steel Angle Adapter for use with standard hangers. 3/8" tapped hole	78.50 4.9 2.23	56.92 52.99 49.07
NEW **451279** 10 PACK	Wireless Solutions AA-38L 3 years	Galvanized steel angle adapter for use with standard hangers. 3/8" tapped hole. Large version.	32.00 9.9 4.5	31.68 31.20 30.72
NEW **484178** 10 PACK	Wireless Solutions AA-38 3 years	Galvanized steel angle adapter for use with standard hangers. 3/8" tapped hole.	25.00 4.6 2.09	24.75 24.38 24.00
44879 10 PACK	RFS Cablewave 920167-004 1 year	Galvanized steel angle adapter for use with standard hangers. 3/8" tapped hole.	64.00 6.15 2.8	45.44 42.24 39.04
499122 10 PACK	Andrew Corporation 242774 1 year	Galvanized steel angle adapter for use with standard hangers. 3/8" tapped hole.	53.00 5.05 2.3	37.90 34.98 32.07
77107 10 PACK	Wireless Solutions AA-AM 3 years	Aluminum angle adapter for use with standard and clip hangers. Hanger is compressed into place as the adapter is tightened onto the angle. Non-corrosive, includes 8mm metric tapped hardware.	23.00 1.65 0.75	22.77 22.43 22.08
497169 10 PACK	Andrew Corporation SAA 10 years	Stainless Steel angle adapter for use with Snap-in Hangers	73.40 6 2.73	53.20 49.53 45.86

Round Tower Adapters, Steel Strap [435-64]

If you are buying these, you might need:

Hanger Kits . . . . . page 454

Universal Stand-off

429166

Universal Stand-off Adaptors enable hangers to be mounted to 1" OD or larger members and provide 2" stand-off distance. Removing a loos threaded insert quickly converts this Stand-off to accept Snap-in Hang ers. Includes all necessary slotted hex head bolts, hex nuts and lock washers. Adaptors are slotted to accept round member adaptors or banding strap for mounting on any size round tower member. Availabl in stainless steel and galvanized versions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
40001 10 PACK	Wireless Solutions SA-US 3 years	Universal Adaptor. Stands 2" off tower. Stainless steel. Order round member adaptors separately.	49.90 7 3.18	49.41 48.66 47.91
46199 10 PACK	Wireless Solutions SA-UG 3 years	Universal Adaptor. Stands 2" off tower. Galvanized. Order round member adaptors separately.	49.90 7 3.18	49.41 48.66 47.91
NEW **418104** 10 PACK	Wireless Solutions SA-UG100 3 years	For 1"-2" OD members. Stands 2" off tower. Galvanized. Includes round member adaptors.	57.20 4.5 2.05	56.63 55.77 54.92
NEW **491018** 10 PACK	Wireless Solutions SA-US100 3 years	For 1"-2" OD members. Stands 2" off tower. Stainless steel. Includes round member adaptors	57.20 7 3.18	56.63 55.77 54.92
NEW **429166** 10 PACK	Wireless Solutions SA-US200 3 years	For 2"-3" OD members. Stands 2" off tower. Stainless steel. Includes round member adaptors.	57.20 7 3.18	56.63 55.77 54.92
NEW **87751** 10 PACK	Wireless Solutions SA-UG200 3 years	For 2"-3" OD members. Stands 2" off tower. Galvanized. Includes round member adaptors.	57.20 4 1.82	56.63 55.77 54.92
NEW **451014** 10 PACK	Wireless Solutions SA-US300 3 years	For 3"-4" OD members. Stands 2" off tower. Stainless steel. Includes round member adaptors.	57.20 7 3.18	56.63 55.77 54.92
NEW **468043** 10 PACK	Wireless Solutions SA-UG300 3 years	For 3"-4" OD members. Stands 2" off tower. Galvanized. Includes round member adaptors.	57.20 4.5 2.05	56.63 55.77 54.92
NEW **90708** 10 PACK	Wireless Solutions SA-UG400 3 years	For 4"-5" OD members. Stands 2" off tower. Galvanized. Includes round member adaptors.	57.20 4.5 2.05	56.63 55.77 54.92
NEW **474190** 10 PACK	Wireless Solutions SA-UG500 3 years	For 5"-6" OD members. Stands 2" off tower. Galvanized. Includes round member adaptors.	57.20 4.2 1.91	56.63 55.77 54.92
NEW **448154** 10 PACK	Wireless Solutions SA-UG600 3 years	For 6"-8" OD members. Stands 2" off tower. Galvanized. Includes round member adaptors.	62.40 4.2 1.91	61.78 60.84 59.9

Universal Stand-off, Snap-In Version

78394

Snap-in version of Universal Stand-off Adaptors enable hangers to be mounted to 1 OD or larger members and provide 2" stand-off distance. Includes all necessary slo ted hex head bolts, hex nuts and lock washers. Adaptors are slotted to accept roun member adaptors or banding strap for mounting on any size round tower member. Available in stainless steel and galvanized versions. Kit of 10.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **457196** 10 PACK	Wireless Solutions SA-SG 3 years	Universal Adaptor. Stands 2" off tower. Galvanized. Order round member adaptors separately.	44.70 3.1 1.41	44.2 43.5 42.9
78394 10 PACK	Wireless Solutions SA-SG100 3 years	Stands 2" off tower. Galvanized. Includes hose clamps for 1"-2" OD members.	52.00 2.55 1.16	51.4 50.7 49.9
NEW **493158** 10 PACK	Wireless Solutions SA-SG200 3 years	Stands 2" off tower. Galvanized. Includes hose clamps for 2"-3" OD members.	52.00 8.5 3.86	51.4 50.7 49.9
NEW **450186** 10 PACK	Wireless Solutions SA-SG300 3 years	Stands 2" off tower. Galvanized. Includes hose clamps for 3"-4" OD members.	52.00 3.7 1.68	51.4 50.7 49.9
NEW **469124** 10 PACK	Wireless Solutions SA-SG400 3 years	Stands 2" off tower. Galvanized. Includes hose clamps for 4"-5" OD members.	52.00 8.5 3.86	51.4 50.7 49.9
NEW **472188** 10 PACK	Wireless Solutions SA-SG500 3 years	Stands 2" off tower. Galvanized steel. Includes hose clamps for 5"-6" OD members.	52.00 8.5 3.86	51.4 50.7 49.9

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nuing product table (2 of 2)

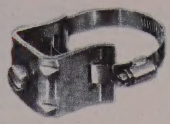
No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
966 ACK	Wireless Solutions SA-SS100 3 years	Stands 2" off tower. Stainless steel. Includes hose clamps for 1"-2" OD members.	52.00 2.3 1.05	51.48 50.70 49.92
359 ACK	Wireless Solutions SA-SS200 3 years	Stands 2" off tower. Stainless steel. Includes hose clamps for 2"-3" OD members.	67.25 8.5 3.86	66.56 65.55 64.55
752 ACK	Wireless Solutions SA-SS300 3 years	Stands 2" off tower. Stainless steel. Includes hose clamps for 3"-4" OD members.	69.85 8.5 3.86	45.00 45.00 45.00
145 ACK	Wireless Solutions SA-SS400 3 years	Stands 2" off tower. Stainless steel. Includes hose clamps for 4"-5" OD members.	72.45 8.5 3.86	71.71 70.62 69.54
108 ACK	Wireless Solutions SA-SS500 3 years	Stands 2" off tower. Stainless steel. Includes hose clamps for 5"-6" OD members.	65.00 8.5 3.86	64.35 63.38 62.40

nd-off Adapters

Stands cable 1" or 2.5" off tower, for clearence of leg flanges. Kit includes 10 adapters with round member clamps and 3/8" hardware. All parts are stainless steel or galvanized.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 194 ACK	Wireless Solutions SA-38S 3 years	Stand-off Adaptor. Stainless steel with 3/8" tapped hole. Round member adaptors or banding strap sold separate.	44.70 4 1.82	44.26 43.59 42.92
W 110 ACK	Andrew Corporation 30848-5 1 year	For 3/4" to 1.5" tower legs. Stands 1" off tower.	113.30 3.74 1.7	82.15 76.48 70.82
W 198 ACK	Wireless Solutions SA-38S100 3 years	For 1"-2" OD members. Stainless steel with 3/8" tapped hole.	52.00 4 1.82	51.48 50.70 49.92
W 312 ACK	Andrew Corporation 4110BA-3 1 year	For 5" to 6" tower legs. Stands 2.5" off tower.	123.60 3.74 1.7	89.61 83.43 77.25
W 136 ACK	Andrew Corporation 30848-4 1 year	For 1.5" to 3" tower legs. Stands 1" off tower.	113.30 3.74 1.7	82.15 76.48 70.82
W 318 ACK	Andrew Corporation 4110BA-1 1 year	For 3" to 4" tower legs. Stands 2.5" off tower.	123.60 3.74 1.7	89.61 83.43 77.25
W 153 ACK	Wireless Solutions SA-38S200 3 years	For 2"-3" OD members. Stainless steel with 3/8" tapped hole.	52.00 4 1.82	51.48 50.70 49.92
W 133 ACK	Wireless Solutions SA-38S300 3 years	For 3"-4" OD members. Stainless steel with 3/8" tapped hole.	52.00 4 1.82	51.48 50.70 49.92
W 177 ACK	Wireless Solutions SA-38S400 3 years	For 4"-5" OD members. Stainless steel with 3/8" tapped hole.	52.00 4 1.82	51.48 50.70 49.92
W 109 ACK	Andrew Corporation 30848-2 1 year	For 4" to 5" tower legs. Stands 1" off tower.	113.30 3.74 1.7	82.15 76.48 70.82
W 103 ACK	Andrew Corporation 4110BA-2 1 year	For 4" to 5" tower legs. Stands 2.5" off tower.	123.60 3.74 1.7	89.61 83.43 77.25
W 109 ACK	Andrew Corporation 30848-3 1 year	For 5" - 6" tower legs. Stands of 1" from tower.	113.30 3.74 1.7	82.15 76.48 70.82

Universal Stand-off



Stands cable 1" or 2.5" off tower, for clearence of leg flanges. Kit includes 10 adapters with round member clamps and 3/8" hardware. All parts are stainless steel or galvanized.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
68809 10 PACK	RFS Cablewave 914580-001 1 year	For 1" to 2" Tower Legs. Stands 2.5" off tower.	192.00 2.92 1.33	136.32 126.72 117.12
30416 10 PACK	RFS Cablewave 914580-002 1 year	For 2" to 3" Tower legs. Stands 2.5" off tower.	192.00 3.9 1.77	136.32 126.72 117.12
67160 10 PACK	RFS Cablewave 914580-006 1 year	For 3" to 4" Tower legs. Stands 2.5" off tower.	192.00 4.05 1.84	136.32 126.72 117.12
15553 10 PACK	RFS Cablewave 914580-007 1 year	For 4" to 5" Tower legs. Stands 2.5" off tower.	192.00 4.28 1.95	136.32 126.72 117.12
35946 10 PACK	RFS Cablewave 914580-004 1 year	For 5" to 6" Tower legs. Stands 2.5" off tower.	192.00 7.77 3.53	136.32 126.72 117.12

Round Member Adapters

25666 23162

Stainless steel round member adapters are used to attach standard hanger kits to round tower members, masts, pipes, and other round support structures. Simply feed the round member adapter through the pre-punched slot on standard hanger kits and mount into position. Round member adapters are also known as hose clamps or worm gear.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
25666 10 PACK	Band-it V016 1 year	for 3/4" to 1-1/2" Members	14.35 0.66 0.3	10.76 10.04 9.33
23162 10 PACK	Wireless Solutions RM-A100 3 years	for 1" to 2" members	11.70 0.5 0.23	11.59 11.41 11.24
68619 10 PACK	RFS Cablewave 514542-001 1 Year	for 1" to 2" members	22.15 0.9 0.41	15.73 14.62 13.52
64059 10 PACK	Band-it V024 1 year	for 1-1/8" to 2" Members	14.75 0.64 0.29	11.04 10.31 9.57
24849 10 PACK	Decibel Products 11652 1 year	for 1 1/2" to 3 1/2" members	38.00 1 0.45	30.40 29.07 28.31
61555 10 PACK	Wireless Solutions RM-A200 3 years	for 2" to 3" members	13.00 0.98 0.45	12.87 12.68 12.48
30226 10 PACK	RFS Cablewave 514542-002 1 year	for 2" to 3" members	24.75 0.7 0.32	17.56 16.32 15.08
12452 10 PACK	Band-it V040 1 year	for 2-1/8" to 3" Members	17.35 0.78 0.35	13.00 12.14 11.27
99948 10 PACK	Wireless Solutions RM-A300 3 years	for 3" to 4" members	14.60 1.15 0.52	14.46 14.24 14.02
27051 10 PACK	RFS Cablewave 514542-003 1 year	for 3" to 4" members	27.85 0.8 0.36	19.75 18.36 16.97
50845 10 PACK	Band-it V056 1 year	for 3-1/8" to 4" Members	19.95 0.88 0.4	14.95 13.96 12.96
48341 10 PACK	Wireless Solutions RM-A400 3 years	for 4" to 5" members	15.10 0.5 0.23	14.95 14.73 14.50
89238 10 PACK	Band-it V072 1 year	for 4" to 5" Members	22.55 1.57 0.71	16.90 15.78 14.65
17012 10 PACK	RFS Cablewave 514542-004 1 year	for 4" to 5" members	28.85 0.8 0.36	20.48 19.04 17.60
74180 10 PACK	Band-it V080 1 year	for 4-1/2" to 5-1/2" Members	23.80 1.57 0.71	17.83 16.64 15.46

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
31665 10 PACK	RFS Cablewave 514542-005 1 year	for 5" to 6" members	40.00 0.8 0.36	28.40 26.40 24.40
37874 10 PACK	Wireless Solutions RM-A500 3 years	for 5" to 6" round member	15.10 1.5 0.68	14.95 14.73 14.50
37631 10 PACK	Band-it V088 1 year	for 5 1/8" to 6" Members	25.10 1.35 0.61	18.81 17.55 16.30
18451 10 PACK	RFS Cablewave 514542-006 1 year	for 6" to 7" members	40.00 1.76 0.8	28.40 26.40 24.40
NEW 492166 10 PACK	Andrew Corporation 244338 10 years	for 7 1/2" to 10" members.	160.00 5.79 2.63	116.00 108.00 100.00
71562 10 PACK	Band-it V104 1 year	for 6-1/8" to 7" Members	27.00 1.6 0.73	20.22 18.88 17.53

Snap In Tower Standoffs Kit

444196

Standoffs Kits mount snap-in hangers to round tower members & provides 2-1/2"standoff. Includes 3/4" pre-punched hole. All parts stainless steel or galvanized. 10 hangers per kit.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
484117 10 PACK	Andrew Corporation STS-23 10 Years	For use with 2" - 3" member diameter. All parts are stainless steel or galvanized.	120.00 10 4.54	87.00 81.00 75.00
444196 10 PACK	Andrew Corporation STS-34 10 Years	For use with 3" - 4" member diameter. All parts are stainless steel or galvanized.	120.00 10 4.54	87.00 81.00 75.00

Multi-purpose Clamps

87215

These stainless steel clamps are used for attaching waveguide cushion clamp heads to tower members. Package of 5.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 456016 1 EACH	Wireless Solutions MF-185 3 Years	2" to 10" adjustable clamp	2.65 1 0.45	2.60 2.58 2.55
87215 5 PACK	Microflect/Valmont B400 2 Years	Minimum diameter 1/2", maximum diameter 1 7/8".	5.00 0.8 0.36	4.93 4.90 4.88
35608 5 PACK	Microflect/Valmont B185 2 Years	Minimum diameter 2", maximum diameter 7".	10.00 0.5 0.23	9.85 9.80 9.75

Clamp Head

99705

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
99705 10 PACK	Microflect/Valmont B399 2 Years	This stainless steel clamp head has 1/16" x 5/8" slots and a 13/32" diameter mounting hole. 10 per package. Clamps not included (head and clamps incl. with cushions)	3.00 0.3 0.14	2.96 2.94 2.93

Round Member Adapters

Electro zinc plated, heavy duty round member clamp for mounting insulated hangers to tower round members havi a diameter from 1 to 3" outside diameter legs.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
34697 1 EACH	RFS Cablewave 920173 1 year	For 1" to 3" diameter legs	21.00 0.8 0.36	14.9 13.8 12.8

Universal Round Member Bracket

40123

12369

These brackets are ideal for securing cable blocks, butte fly hangers and snap-in hang directly to monopoles and water tower legs. Blocks, ha ers, attachment hardware, a stainless strap are not included.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
40123 10 PACK	Wireless Solutions RM-BU 3 years	Round Member Bracket. 3/8" holes. Holds 4 mini-coax blocks or 2 large support blocks.	150.00 12 5.45	148.5 146.2 144.0
12369 10 PACK	Wireless Solutions RM-USBG 3 years	Galvanized version. 3/8" and 3/4" holes. Holds 6 snap-in or butterfly hangers or 4 mini coax blocks. Lag screws may be used for attaching to wood poles.	85.00 12.5 5.68	84.1 82.8 81.6
50762 10 PACK	Wireless Solutions RM-USBS 3 years	Stainless steel version. 3/8" and 3/4" holes. Holds 6 snap-in or butterfly hangers or 4 mini coax blocks. Lag screws may be used for attaching to wood poles.	105.00 12.5 5.68	103.9 102.3 100.8
28086 10 PACK	CommScope, Inc. RMB-U 3 years	Round Member Bracket. 3/8" holes	299.50 12 5.45	239.6 233.0 224.6

Round Member Coax Support

71583

Available in two configurations (6 hole and 3 hole), these hot-dip galvaniz steel brackets are used to support any multiple of 3 cables on large diame round members. All brackets are punched with both 3/8" and 3/4" holes allow use of either snap-in or bolt-in hangers. The brackets are punched allow mounting to a wood pole with lag bolts, and are slotted to allow mounting to round members of any size with up to 1/2" banding materia Lag bolts and banding are available separately but not included.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
71585 1 EACH	Tower Structures RM3 20 Years	3 Hole coax support	5.40 0.4 0.18	5.4 5.3 5.2
71583 1 EACH	Tower Structures RM6 20 Years	6 Hole coax support	9.00 0.88 0.4	9.0 8.8 8.7

Wood Pole Mounting Kit

65302

This galvanized steel bracket mounts directly to wood pole allowing the installer to secure cable blocks neatly and effi- ciently into place. Compatible with all brands of full size an mini dual cable blocks. Kit includes mounting brackets and l bolts. Blocks and hardware kits are not included.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
65302 10 PACK	Wireless Solutions RM-BWP 3 years	Wood Pole Mounting Kit. 3/8" holes	150.00 12 5.45	148 146 144
66479 10 PACK	CommScope, Inc. RMB-WP 3 years	Wood Pole Mounting Kit. 3/8" holes.	299.50 12 5.45	239 233 224

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ck Adapter Bracket

41300

This versatile galvanized steel adapter bracket reduces excess material costs by bolting directly to walls or ceilings keeping coax free from damage. Compatible with all brands of full size or mini dual cable blocks. The bracket can be mounted in the reverse to accommodate two sets of mini dual cable blocks. Blocks and attachment hardware are not included.

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30 CK	Wireless Solutions AB-CB 3 years	Adapter bracket kit. 3/8" holes.	45.50 5 2.27	45.05 44.37 43.68
00 CK	CommScope, Inc. HBAB 3 years	Adapter bracket kit. 3/8" holes.	99.50 5 2.27	79.60 77.61 74.63

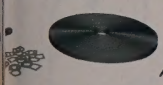
er Tower Leg Brackets

415117

The Water Tower Leg Bracket support vertical coax or elliptical waveguide runs on leg supports of multi-leg type water towers. Each Bracket is supplied with two halves, which securely clamp to the surface of the leg using 3/8" galvanized hardware. The Water Tower Leg Bracket is made of Galvanized steel to provide years of reliable service in all weather extremes. All brackets contain both 3/8" and 3/4" holes and includes all necessary hardware.

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
17 CH	Wireless Solutions WT-LB24 3 Years	Water tower Leg Bracket for 24" OD round member.	75.00 12 5.45	73.50 72.75 72.00
47 CH	Wireless Solutions WT-LB30 3 Years	Water Tower Leg Bracket for 30" OD round member.	85.00 13 5.91	83.30 82.45 81.60
87 CH	Wireless Solutions WT-LB36 3 Years	Water Tower Leg Bracket for 36" OD round member.	95.00 15 6.82	93.10 92.15 91.20
83 CH	Wireless Solutions WT-LB42 3 Years	Water Tower Leg Bracket for 42" OD round member.	105.00 21 9.54	102.90 101.85 100.80
87 CH	Wireless Solutions WT-LB48 3 Years	Water Tower Leg Bracket for 48" OD round member.	115.00 24 10.91	112.70 111.55 110.40

ap Lock Banding Kit



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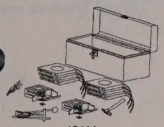

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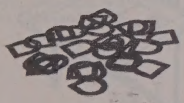

55218

p Lock banding kits provide a complete banding kit for use in securing coax and elliptical guide hangers and mounting hardware to large diameter round members. Available in r galvanized and stainless steel versions to provide excellent corrosion resistance.

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
02 CK	Wireless Solutions WL-BG 3 years	Wrap Lock galvanized banding kit. Includes 1/2" x 100' long banding, 50 buckles, and installation tool.	32.00 5 2.27	31.68 31.20 30.72
05 CK	Wireless Solutions WL-BS 3 years	Wrap Lock stainless steel banding kit. Includes 1/2" x 100' long banding, 50 buckles, and installation tool.	55.00 3.4 1.55	54.45 53.63 52.80
11 CH	Wireless Solutions MT-647 3 years	Deluxe multi-purpose banding tool kit.	555.00 50 22.72	549.45 541.13 532.80
16 CH	Wireless Solutions MT-640 1 year	1/2" Stainless Banding 100' roll	50.00 6 2.73	49.50 48.75 48.00
15 CH	Wireless Solutions MT-642 3 years	1/2" Galvanized Strap 100' roll	25.00 6.15 2.8	24.75 24.38 24.00
8 CH	Wireless Solutions MT-643 3 years	1/2" Galvanized Buckle Clamps 100 per box	17.50 2 0.91	17.33 17.07 16.80
7 CH	Wireless Solutions MT-641 3 years	1/2" Stainless Buckle Clamps 100 per box	30.00 6 2.73	29.70 29.25 28.80

"Scru-Seal" Strap Kits

77273

A screwdriver is the only tool needed to tension these "Scru-Seal" clamps. These unique kits allow you to trim the strap to the desired length, and then tension using a worm-gear style buckle. Stainless steel construction.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
77273 1 EACH	Band-it M210 1 year	100' 3/8" strap, 25 scru-seals	121.55 3.76 1.71	91.15 85.08 79.00

Stainless Steel Strapping

46906

85299

61713

Type 316 stainless steel is specified for use in situations where corrosion is the major problem. It is used extensively in moist atmospheres and environments where it is subject to chemicals, salts, acids and high temperatures. Order buckles separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
46906 100 FOOT	Band-it C404 1 year	100' Type 316 stainless steel band, 1/2" wide.	136.75 2.9 1.32	102.55 95.72 92.19
85299 100 PACK	Band-it C454 1 year	100 Type 316 Ear-Lok buckles for use with 1/2" wide stainless steel strap.	98.70 0.6 0.27	74.01 69.08 66.55
61713 1 EACH	Band-it C001 1 year	Band-It Tool is a drop forged tool with tensioning capabilty of 2400lb , spring loaded gripper, friction held cut-off lever, spin handle	144.25 4.5 2.05	108.19 100.98 93.77

Cable Strapping Kit

16778

55171

68385

74001

72121

Complete strap kit includes three 100' rolls of galvanized and stainless 1/2" banding, 100 galvanized and stainless buckle clamps, a banding tool, hammer and snips. Includes a steel tool box.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
16778 20 PACK	Microflect/Valmont B1770 5 years	1/2" banding clips 20 pack. Stainless Steel.	14.00 1 0.45	13.79 13.72 13.65
55171 1 EACH	Microflect/Valmont B1771 1 Year	Tensioning tool for banding strap.	95.00 3 1.36	93.58 93.10 92.63
68385 1 EACH	Microflect/Valmont B1769 5 years	1/2" banding strap 100' box. Stainless Steel	60.00 5 2.27	59.10 58.80 58.50
74001 1 EACH	Microflect/Valmont B196 2 Years	Stainless steel wraplock. 100 feet of strap with fasteners and a tightening tool.	40.00 4 1.82	39.40 39.20 39.00
72121 1 EACH	RFS Cablewave 910061 1 year	100' 1/2" strap, 50 buckles, tension tool	53.00 8 3.64	37.63 34.98 32.33

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Monopole Strapping

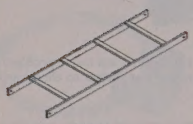
53693

Secure round member brackets to a monopole or water tank leg with only a wrench or nutdriver. Each half of the bolt/clamp assembly is attached to the ends of a strip of 3/4" strapping. As a nut and bolt draws the two pieces together, the strapping is tightened around the monopole. Much easier to apply than strap with buckles.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
53693	Band-it	Aluminum Bolt/Clamp Assembly	18.90	14.18
1 EACH	D500		0.5	13.23
	1 year		0.23	12.29
46554	Band-it	100 foot 3/4" wide stainless steel strapping.	109.95	82.44
1 EACH	C206		7.7	76.94
	1 year		3.5	71.45

Cable Runway [439-60]

Cable Runways

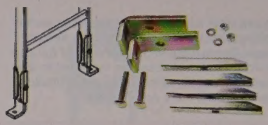


71843

Steel cable runway with 3/8" x 1-1/2" tubular rails and 1/2" x 1" rectangular tube welded rungs. Telephone equipment gray. Baked polyester powder coating.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
18413	Cooper B-Line	Tubular stringers - 4" wide X 10' long.	60.50	60.50
1 EACH	SB-17-04-GR		17	60.50
	90 Days		7.73	57.78
65079	Cooper B-Line	Tubular stringers - 6" wide X 10' long.	62.30	62.30
1 EACH	SB-17-06-GR		18	62.30
	90 Days		8.18	59.50
13472	Cooper B-Line	Tubular stringers - 9" wide X 10' long.	65.10	65.10
1 EACH	SB-17-09-GR		20	65.10
	90 Days		9.09	62.18
31134	Cooper B-Line	Tubular stringers - 12" wide X 10' long. Zinc plate with gold iridite.	67.80	67.80
1 EACH	SB-17-12		22	67.80
	90 Days		10	64.75
51865	Cooper B-Line	Tubular stringers - 12" wide X 10' long.	67.80	67.80
1 EACH	SB-17-12-GR		22	67.80
	90 Days		10	64.75
70020	Cooper B-Line	Tubular stringers - 15" wide X 10' long.	72.20	72.20
1 EACH	SB-17-15-GR		24	72.20
	90 Days		10.91	68.96
44039	Cooper B-Line	Tubular stringers - 18" wide X 10' long.	74.90	74.90
1 EACH	SB-17-18-GR		26	74.90
	90 Days		11.82	71.53
55458	Cooper B-Line	Tubular stringers - 24" wide X 10' long.	78.90	78.90
1 EACH	SB-17-24-GR		29	78.90
	90 Days		13.18	75.35
23890	Cooper B-Line	Solid stringers - 6" wide X 10' long. Zinc plate with gold iridite.	79.90	79.90
1 EACH	SB-15-06		43	79.90
	90 Days		19.54	76.31
71843	Cooper B-Line	Solid stringers - 12" wide X 10' long. Telephone equipment gray finish.	85.40	85.40
1 EACH	SB-15-12-GR		49	85.40
	90 Days		22.27	81.56
13174	Cooper B-Line	Solid stringers - 12" wide X 10' long. Zinc plate with gold iridite.	85.40	85.40
1 EACH	SB-15-12		49	85.40
	90 Days		22.27	81.56
27396	Cooper B-Line	Solid stringers - 18" wide X 10' long. Zinc plate with gold iridite.	90.80	90.80
1 EACH	SB-15-18		54	90.80
	90 Days		24.54	86.72
44720	Cooper B-Line	Solid stringers - 18" wide X 10' long. Telephone equipment gray finish.	90.80	90.80
1 EACH	SB-15-18-GR		54	90.80
	90 Days		24.54	86.72

Runway End Support

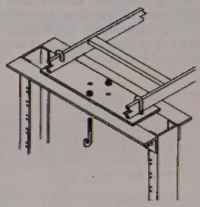


36153 79693

For anchoring stringers of vertical cable runw the floor. Kit includes two end supports with clamps.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
36153	Cooper B-Line	For stringer dimensions 3/8" x 1 1/2". Anchoring hard-	16.40	16.
1 EACH	SB-2106-A	ware not included.	2.6	16.
	90 Days		1.18	15.
79693	Cooper B-Line	For stringer dimensions 3/8" x 1 1/2". Anchoring hard-	16.40	16.
1 EACH	SB-2106-A	ware not included.	2.6	16.
	90 Days		1.18	15.

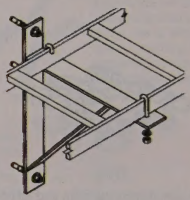
Runway Support, Relay Rack



Kit provides for attachment of cable runway to top angle of relay rack. Fits SB-15, SB-17 and SB-18 cabl runways. Accommodates runway in parallel or cross arrangement. Zinc plated "J" bolts included with he nuts & lock washers. Steel plate finished in zinc wit gold iridite.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
58834	Cooper B-Line	Runway support - 9" wide	18.30	18.
1 EACH	SB-2133-09		3.4	18.
	90 Days		1.55	17.
45620	Cooper B-Line	Runway support - 12" wide	19.30	19.
1 EACH	SB-2133-12		4.3	19.
	90 Days		1.95	18.

Runway Wall Support



Wall support for cable runways. Welded steel const tion. Fits 3/8" x 1-1/2" runway stringer. "J" bolts included. Telephone equipment gray powder coat.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
60083	Cooper B-Line	Runway wall support - 6" wide x 11 1/2" high.	24.40	24.
1 EACH	SB-213-06-KGR		3.5	24.
	90 Days		1.59	23.
98476	Cooper B-Line	Runway wall support - 9" wide x 11 1/2" high.	26.20	26.
1 EACH	SB-213-09-KGR		0.02	26.
	90 Days		0.01	25.
46869	Cooper B-Line	Runway wall support - 12" wide x 14 1/2" high. Tele-	26.90	26.
1 EACH	SB-213-12-KGR	phone equipment gray powder coat.	6.2	26.
	90 Days		2.82	25.
95955	Cooper B-Line	Runway wall support - 12" wide x 14 1/2" high. Zinc late	26.90	26.
1 EACH	SB-213-12-K	with gold iridite.	6.9	26.
	90 Days		3.14	25.

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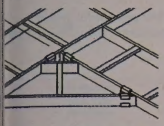
orner Support Kit

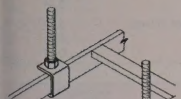


61332

Corner kit provides additional support for intersecting runways. Finish-telephone equipment gray. Includes 1 corner support and two support clamps.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
332 ACH	Cooper B-Line SB-2104-GR 90 Days	For 3/8" x 1 1/2" stringers.	36.80 2.8 1.27	36.80 36.80 35.15

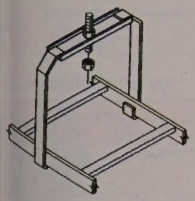
unway Support Clip



Used to support both sides of cable runway from auxiliary framing or ceiling. Includes two supports. Must use threaded rod, which is not included.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
830 ACH	Cooper B-Line SB-2116-A 90 Days	Used with 3/8" x 1-1/2" runway stringers. For use with 5/8" threaded rod. Includes four nuts and four washers.	6.30 0.92 0.42	6.30 6.30 6.02
745 ACH	Cooper B-Line SB-2116-D-2 90 Days	Used with 3/8" x 2" runway stringers. For use with 1/2" threaded rod. Two clips per package. Includes nuts and washers. Order threaded rod separately.	7.70 0.4 0.18	7.70 7.70 7.36
652 ACH	Cooper B-Line SB-2116-D 90 Days	Used with 3/8" x 1-1/2" runway stringers. For use with 1/2" threaded rod. Two clips per package. Includes nuts and washers. Order threaded rod separately.	6.00 0.4 0.18	6.00 6.00 5.73

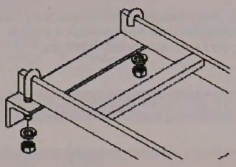
unway Hanger



Cable runway support from threaded drop rod. Welded steel construction & baked polyester powder coat, telephone equipment gray. Includes 5/8"-11 hex nut for attachment to drop rods. Does NOT include drop rod. See SKU's 84013, 32406, and 70799.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
262 ACH	Cooper B-Line SB212706AGR 90 Days	Hanger fits 6" wide runway.	23.00 2.9 1.32	23.00 23.00 21.97
655 ACH	Cooper B-Line SB212709AGR 90 Days	Hanger fits 9" wide runway.	25.50 3.4 1.55	25.50 25.50 24.36
048 ACH	Cooper B-Line SB212712AGR 90 Days	Hanger fits 12" wide runway.	26.30 3.9 1.77	26.30 26.30 25.12

Runway Wall Support Kits



Wall attachment for cable runways with 3/8"x 1-1/2" stringers. Telephone equipment gray baked powder coat. Includes wall support, two J-bolts, two lock washers, and two hex nuts.

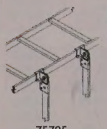
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
86511 1 EACH	Cooper B-Line SB-2113-06-GR 90 Days	Runway wall support - 6" wide	11.60 2.1 0.95	11.60 11.60 11.08
34904 1 EACH	Cooper B-Line SB-2113-09-GR 90 Days	Runway wall support - 9" wide	12.60 2.6 1.18	12.60 12.60 12.04
73297 1 EACH	Cooper B-Line SB-2113-12-GR 90 Days	Runway wall support - 12" wide	13.70 3.7 1.68	13.70 13.70 13.09
73818 1 EACH	Cooper B-Line SB-2113-18-GR 90 Days	Runway wall support - 18" wide.	16.30 5.4 2.45	16.30 16.30 15.57
59722 1 EACH	Cooper B-Line SB-2113-24-2GR 1 Year	For use with 24" wide cable runway with 2" stringers. Telco gray finish.	18.50 6.71 3.05	18.50 18.50 17.67

Steel Runway Termination Kit

Fits 3/8" x 1-1/2" runway stringer. No drilling required for installation. Fasteners included with corner clamp brackets. Telephone equipment gray baked polyester powder coat.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
38651 1 EACH	Cooper B-Line SB-2105-06-GR 90 Days	Fits standard 6" wide runway.	9.60 1 0.45	9.60 9.60 9.17
77044 1 EACH	Cooper B-Line SB-2105-09-GR 90 Days	Fits standard 9" wide runway.	10.10 1.2 0.55	10.10 10.10 9.65
25437 1 EACH	Cooper B-Line SB-2105-12-GR 90 Days	Fits standard 12" wide runway.	10.90 1.4 0.64	10.90 10.90 10.41
32876 1 EACH	Cooper B-Line SB-2105-15-GR 90 Days	Fits standard 15" runway.	11.60 1.5 0.68	11.60 11.60 11.08

90 Deg. Runway Turn Kit



75795

Used to attach the rung of one ladder to the same rung on a second ladder to make a 90 deg. turn. Includes both brackets.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
75795 1 EACH	Cooper B-Line SB-2111-B 90 Days	For use with 3/8" X 1-1/2" runway stringer.	12.00 2.4 1.09	12.00 12.00 11.46

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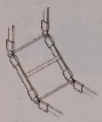
Runway - 90 deg. Bend



10974

3/8"- 1-1/2" horizontal to vertical cable runway transition. Forms inside or outside bend. Telephone equipment gray coating. Includes one transistion section, eight stringer connections, two support bars and appropriate hardware.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
10974 1 EACH	Cooper B-Line SB-2128-12-GR 90 Days	Runway bend - 12" wide	66.20 9.1 4.14	66.20 66.20 63.23

Adjustable Turn

50616

Use for changing direction of cable runways. Includes two turn brackets.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
50616 1 EACH	Cooper B-Line SB-2110-A 90 Days	For 3/8" x 1-1/2" runway stringers.	12.20 2.4 1.09	12.20 12.20 11.66

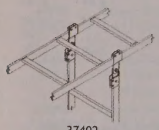
Runway Stand Off Kit

49367

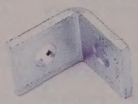
Wall attachment kit for runway with 2-1/2" standoff. Includes two stand off brackets and mouting hardware. Anchoring hardware not supplied.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
49367 1 EACH	Cooper B-Line SB-2109 90 Days	For 3/8" x 1-1/2" runway stringers.	15.00 2.2 1	15.00 15.00 14.33

90 Deg. Runway Turn Kit



37402



81174

Used to attach the rung of one ladder to a separate rung on a second ladder to make a 90 deg. turn. Includes both brackets.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37402 1 EACH	Cooper B-Line SB-2111-A 90 Days	For use with 3/8" for 1-1/2" runway stringer.	12.00 2.4 1.09	12.00 12.00 11.46
81174 1 EACH	Cooper B-Line B230 90 Days	2 Hole Corner Angle bracket, steel CZP finish.	2.50 2 0.91	1.48 1.48 1.42

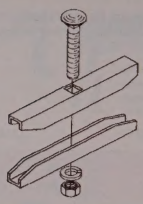
Support Channel

58678

Support tube is used as an auxiliary support. Normally used in pairs.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 58678 1 EACH	Cooper B-Line SB-20-05-05-TG 1 Year	5' x 2" x 9/16" Support Tube. Telco gray.	19.50 5 2.27	19.50 19.50 18.63

Extension Clamp Kit



Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
99050 1 EACH	Cooper B-Line SB-166-B 90 Days	Fits Dual 3/8" x 1 1/2" stringers. Single piece	10.40 0.74 0.34	10.40 10.40 9.94
99725 1 EACH	Cooper B-Line SB-2107 90 Days	Fits 3/8" x 1 1/2" stringers. Set of two.	5.50 0.95 0.43	5.50 5.50 5.26

Runway Junction Kit

74546

Brackets for intersecting two runway stringers. Includes upper and lower brackets, one bolt, one nut and one lock washer.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
74546 1 EACH	Cooper B-Line SB-2101-A 90 Days	For 3/8" x 1-1/2" runway stringers.	5.70 0.65 0.3	5.70 5.70 5.45

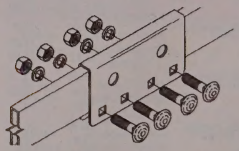
Adjustable Runway Junction Kit

22939

Joins two stringers with the ability to adjust to angle of intersection. Includes two brackets, one bolt, one hex nut, and one lock washer.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
22939 1 EACH	Cooper B-Line SB-2103-A 90 Days	For use with the 3/8" - 1-1/2" stringers.	16.20 0.7 0.32	16.20 16.20 15.49

Stringer Splice



Used to join two runway stringers. Includes one splice four carriage bolts, four lock washers, and four hex nuts. Two Piece design.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
31867 1 EACH	Cooper B-Line SB-2135 90 Days	Fits 3/8" x 1 1/2" stringers.	7.50 1 0.45	7.50 7.50 7.17

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smic Components

smic bracing kit for use with cable ladders with 1 1/2" high stringers. Includes two swivel ckets, a 5/8" x 36" threaded rod, a ladder support kit, connecting bolt, nuts and lockwash-.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 392 ACH	Cooper B-Line SEISMIC LADER KIT 90 Days	Cable Ladder Seismic Bracing Kit	34.55 5.6 2.55	34.52 34.52 32.97

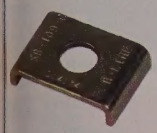
p On Hanger Clip Kit

2223

Designed to slip onto the side rails and to support cable runways on a threaded drop rod. Slotted design allows for installation on existing rods. Eliminates disassembly of existing structure during retro-fit.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
223 ACH	Cooper B-Line SB-2117-A-SN 90 Days	5/8"-11 thread size. Fits 3/8"x 1 1/2" runway stringer.	15.30 0.43 0.2	15.30 15.30 14.62

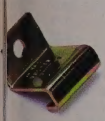
ming Clips



2" x 3/8" bar framing clip is used to suspend auxillary support with threaded rod or to attach accessories to auxillary support.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 466 ACH	Cooper B-Line SB-109-B 90 Days	Hole Size : 7/16". Use with 3/8"-16 threaded hardware.	1.10 0.95 0.43	1.10 1.10 1.06
EW 067 ACH	Cooper B-Line SB-109-C 90 Days	Hole size : 9/16". Use with 1/2"-13 threaded hardware.	1.10 0.1 0.05	1.10 1.10 1.06

unway Wall Clamp Kit



87760

Used to mount stringers flush to the wall by attaching to side rails. Pre-drilled 9/16" mounting hole. Hardware not included.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
760 ACH	Cooper B-Line SB-2114-A 90 Days	For 3/8" X 1-1/2" runway stringer.	8.60 0.27 0.12	8.60 8.60 8.22

unway End Cap

705

Used as a protective covering for cable runway. Black neoprene rubber meets U.L. 94 flame resistance requirement. Sold in packages of 10.

nuing product table (1 of 2)

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
258 ACK	Cooper B-Line SB-21-B 90 Days	3/8" x 1 1/2". May be used on SB-15 or SB-17.	16.70 3.2 1.45	16.70 16.70 15.95

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 80705 10 PACK	Cooper B-Line SB-21-A 90 Days	Neoprene end caps. 2" height. Pack of 10. Black.	16.70 0.4 0.18	16.70 16.70 15.95

Cable Support Rails [439-10]

Square Support Rail

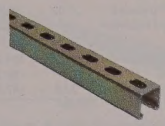
46021

435136

Single Square and Slotted Square Support rails support coaxial cable in indoor and outdoor applications. Both rails consists of twelve gauge steel formed in a square section with lip for spring nut installation. Slotted rails accept standard 3/8" or 10mm hardware and are easily mounted in the field without time consuming modification. Hot dipped galvanized.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
46021 1 EACH	Wireless Solutions MT-475 3 Years	1-5/8" single galvanized square support rail. 10 feet in length.	35.00 18 8.18	34.30 33.95 33.60
NEW 435136 1 EACH	Wireless Solutions MT-504 3 Years	1-5/8" slotted galvanized square support rail. 10 feet in length.	30.00 15 6.82	29.40 29.10 28.80
61272 1 EACH	GS Metals 5812SL 10 HD 1 Year	10 foot length, 1-5/8" wide, 1-5/8" height 3/8" wide, 1-1/2" long mounting slot spaced 4" OC apart	32.55 18 8.18	32.08 31.92 31.75
49481 1 EACH	GS Metals 5812PO 10 HD 1 Year	10 foot length, 1-5/8" wide, 1-5/8" height 3/8" wide, 9/16" holes along length, spaced 1 7/8" center to center.	35.50 18 8.18	35.01 34.83 34.65
98456 1 EACH	Microflect/Valmont B269 2 Years	1-5/8" x 1-5/8" square rail x 20' length, 3" mounting slot spaced 1" apart	61.00 32.3 14.68	60.09 59.78 59.48
43424 1 EACH	Microflect/Valmont B9864 1 Year	1 5/8" x 1 5/8" square rail x 12" in length. 3" mounting slots, spaced 1" apart	4.95 1.75 0.8	4.88 4.86 4.83
94388 1 EACH	Cooper B-Line B217-24 GAL 1 Year	Dust cover for 1-5/8"x 120" strut channel	23.55 2 0.91	14.12 14.12 13.49

T&B Superstrut Metal Framing



Thomas & Betts Superstrut metal framing channel comes in both pre-galvinized and gold galvinized finishes for any framing need. The unique gold galvanized finishe provides for low electrical resistance when grounding of the system is required. Superstrut is also completely compatible and interchangeable with existing strut systems offered by B-Line and Uni-Strut.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 441300 10 FOOT	Thomas and Betts A1200HS-10 2 Year	1 5/8" x 1 5/8" 12 gauge, half slot, 10ft length - gold galv finish	19.20 17.7 8.04	18.82 18.44 18.05
NEW 432330 10 FOOT	Thomas and Betts A1200HS-10PG 2 Year	1 5/8" x 1 5/8" 12 gauge, half slot, 10ft length - pre-galvanized	19.60 17.7 8.04	19.21 18.82 18.43
NEW 473361 10 FOOT	Thomas and Betts B1400HS10 2 Year	1 5/8" x 13/16" 14 gauge, half slot, 10ft length - gold galv finish	14.20 8.7 3.95	13.92 13.64 13.35
NEW 418304 10 FOOT	Thomas and Betts B1400HS-10PG 2 Year	1 5/8" x 13/16" 14 gauge, half slot, 10ft length - pre-galvanized	13.60 8.7 3.95	13.33 13.06 12.79
NEW 449381 10 FOOT	Thomas and Betts A1200P-10 2 Year	1 5/8" x 1 5/8" 12 gauge, punched, 10ft length - gold galv finish	28.80 17.7 8.04	28.23 27.65 27.08
NEW 443310 10 FOOT	Thomas and Betts B1400P-10 2 Year	1 5/8" x 13/16" 14 gauge, punched, 10ft length - gold galv finish	18.20 8.7 3.95	17.84 17.48 17.11

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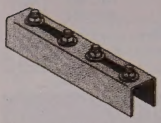
Rail Splice

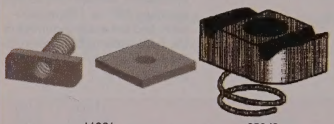


46849

Splice is an 11 gauge galvanized steel channel section that joins sections of square support rail. Galvanized hardware is included.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
46849 1 EACH	Microflect/Valmont B182 2 Years	Splice for Square Rail	13.00 1 0.45	12.81 12.74 12.68

Spring Nut Kits



11281 85942

Spring Nut Kits simplify installation when mounting coax blocks or hangers to square support rail. Each kit includes spring nuts and square washers. Individual Spring Nuts also available.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 421164 10 PACK	Wireless Solutions MT-662 3 Years	Spring Nut Kit, 1-5/8" with 3/8" hole. Includes nuts and square washers.	19.50 2 0.91	19.11 18.92 18.72
11281 10 PACK	Wireless Solutions MT-664 3 Years	Spring Nut Kit, 1-1/4" with 3/8" hole. Includes nuts and square washers.	29.50 2 0.91	28.91 28.62 28.32
NEW 71200 1 EACH	Wireless Solutions MT-491 3 Years	Spring Nut 1-5/8" with 3/8" hole.	2.00 0.25 0.11	1.96 1.94 1.92
NEW 449102 1 EACH	Wireless Solutions MT-492 3 Years	Spring Nut 1-5/8" with 1/2" hole.	2.25 0.1 0.05	2.21 2.19 2.16
85242 5 PACK	Microflect/Valmont B174 2 Years	3/8" spring nuts are used with 3/8" threaded rod to make up waveguide hanger arrangements. An assembly includes a square washer and all parts are galvanized.	10.00 1.2 0.55	9.85 9.80 9.75
88247 50 PACK	Microflect/Valmont B174-10 2 Years	3/8" spring nuts are used with 3/8" threaded rod to make up waveguide hanger arrangements. An assembly includes a square washer and all parts are galvanized.	105.00 12 5.45	103.43 102.90 102.38
29888 5 PACK	Microflect/Valmont B262 2 Years	1/2" spring nuts are used for attaching square rail to mounting brackets and tower members. An assembly includes a square washer and all parts are galvanized.	15.00 1.2 0.55	14.78 14.70 14.63
23471 10 PACK	Unistrut P1006-1420HG 2 Years	These 1/4" spring nuts are used with 1/4" threaded rods. Includes 1/4-20 x 1" hex head bolts and lockwashers.	27.00 1.1 0.5	20.79 20.25 19.85
85942 100 PACK	Unistrut P1006-1420HG 2 Years	e used with 1/4" threaded rods. Includes 1/4-20 x 1" hex head bolts and lockwashers.	200.30 7 3.18	154.24 150.23 147.23

T&B Superstrut Metal Framing Hardware

Thomas & Betts Superstrut hardware can be used with Superstrut or existing metal framing.

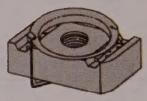
Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 467370 100 PACK	Thomas and Betts A100-1/4 2 Year	Regular spring nut, 1/4"	60.80 7.05 3.2	59.57 58.35 57.14
NEW 448313 100 PACK	Thomas and Betts A100-3/8 2 Year	Regular spring nut, 3/8"	89.20 7.05 3.2	87.38 85.60 83.81
NEW 469340 100 PACK	Thomas and Betts B100-1/4 2 Year	Short spring nut for "B" series Superstrut channel 1/4"	68.30 6.95 3.16	66.94 65.57 64.21
NEW 461311 100 PACK	Thomas and Betts B100-3/8 2 Year	Short spring nut for "B" series Superstrut channel 3/8"	89.80 6.95 3.16	87.99 86.19 84.40
NEW 437348 100 PACK	Thomas and Betts CM100-1/4 2 Year	Cone nut, 1/4" for "A" series Superstrut channel	91.40 9.25 4.2	89.58 87.75 85.92

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 446350 100 PACK	Thomas and Betts CM100-3/8 2 Year	Cone nut, 3/8" for "A" series Superstrut channel	94.45 9.25 4.2	9 9 8
NEW 414328 10 PACK	Thomas and Betts A-208 2 Year	"U" shape fitting for joining channel sections	97.60 0.23 0.1	9 9 9

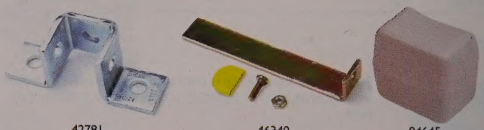
Channel/Sq. Rail Nuts



73973

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
73973 100 PACK	Cooper B-Line TN228-ZNPLT 30 Days	Channel Twirl Nuts. 3/8"-16 zinc plated. 100 pack.	247.20 10 4.54	14 14 14

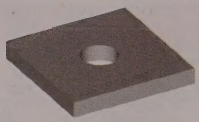
Square Strut Accessories



42781 46340 94645

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
65436 5 PACK	Microflect/Valmont B667 2 Years	3/8" x 1 1/4" long SAE Gr 5, galvanized bolt, nut and lockwasher. Package of five.	3.25 0.4 0.18	3 3 3
42781 1 EACH	Cooper B-Line B271 30 Days	Five hole double wing bracket	17.40 2 0.91	1 1 9
46340 1 EACH	Cooper B-Line SB-580 30 Days	Cable bracket	3.20 0.4 0.18	3 3 3
77787 2 PACK	Cooper B-Line B822 30 Days	Plastic cap for 1-5/8" square strut	5.00 0.05 0.02	3 3 2
453099 20 PACK	Cooper B-Line B822 30 Days	white plastic cap for 1-5/8" strut 20 pk	50.00 0.75 0.34	3 3 2
94645 32 PACK	Cooper B-Line B822 30 Days	White plastic cap for 1-5/8" strut	80.00 0.7 0.32	4 4 4

Square Washers and Kits



Square Washer Kits provide an easy method for fastenir hardware to channelized waveguide bridges. Manufactur from pre-punched hot dipped galvanized steel.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
23946 10 PACK	Wireless Solutions MT-666 3 Years	Square Washer Kit, 1-1/4" x 1 1/4" with 7/16" hole. Kit of 10.	4.50 2 0.91	4 4 4
NEW 425163 10 PACK	Wireless Solutions MT-668 3 Years	Square Washer Kit, 1-1/2" x 1 5/8" with 7/16" hole. Kit of 10.	6.00 1.3 0.59	5 5 5
NEW 437197 10 PACK	Wireless Solutions MT-669 3 Years	Sqaure Washer Kit, 1-1/2" x 1 5/8" with 9/16" hole. Kit of 10.	6.00 1.3 0.59	5 5 5
NEW 475126 1 EACH	Wireless Solutions MT-385 3 Years	1-1/4" x 1-1/4" Sqaure washer with 7/16" hole. Sold individually.	0.45 0.1 0.05	0 0 0

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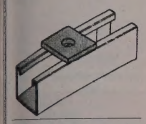
uing product table (2 of 2)

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 102 CH	Wireless Solutions MT-388 3 Years	1-1/2" x 1-5/8" Sqaure washer with 9/16" hole. Sold individually.	0.60 0.1 0.05	0.59 0.59 0.58

uare Washers for Strut Systems



Square washers for use with 1 5/8" channel (strut). Hot dipped galvanized.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
79 CH	GS Metals 2003 1 Year	1-5/8" square with 3/8" center hole. Single. Use with 5/16" hardware.	1.05 0.05 0.02	1.04 1.03 1.03
51 CH	GS Metals 2004 1 Year	1-5/8" square with 7/16" center hole. Use with 3/8" hardware. Single piece.	0.90 0.18 0.08	0.87 0.87 0.86
91 ACK	GS Metals 2003 1 Year	1-5/8" square with 3/8" center hole. 100 pack.	94.00 25 11.36	92.69 92.22 91.75
65 ACK	GS Metals 2004 1 Year	1-5/8" square with 7/16" center hole. 100 pack.Use with 3/8" hardware.	78.20 18 8.18	77.11 76.72 76.33
95 ACK	Cooper B-Line B200-HDG 90 Days	1 5/8" square with 3/8" center hole. 100 pack.	347.25 10 4.54	208.33 208.33 198.96

readed Rod Support Kits

Threaded Rod Support Kits provide a versatile means to support coax and elliptical waveguide hangers in wireless applications. Commonly used to support trapeeze under waveguide bridge or suspend cable hangers from a ceiling. Each kit comes with a length of stainless steel threaded rod, hex nuts, lock washers and a ceiling mount bracket. Available as a single piece or in packs of five.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
108 ACH	Wireless Solutions TR-SK12 3 Years	3/8" stainless steel threaded rod, 12" in length. Single piece.	8.00 0.5 0.23	7.92 7.80 7.68
175 ACK	Wireless Solutions TR-SK12-5 3 Years	3/8" stainless steel threaded rod, 12" in length. Five pack.	40.00 1.5 0.68	39.60 39.00 38.40
501 ACH	Wireless Solutions TR-SK24 3 Years	3/8" stainless steel threaded rod, 24" in length. Single piece.	11.75 0.8 0.36	11.64 11.46 11.28
156 ACK	Wireless Solutions TR-SK24-5 3 Years	3/8" stainless steel threaded rod, 24" in length. Five pack.	58.75 4 1.82	58.17 57.29 56.40
186 ACK	Wireless Solutions TR-SK36-5 3 Years	3/8" stainless steel threaded rod, 36" in length. Five pack.	75.00 5.5 2.5	74.25 73.13 72.00

readed Rod

Stainless steel and galvanized threaded rods. Rods are stainless steel unlise otherwise noted in description.

nuing product table (1 of 2)

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
713 ACK	Microflect/Valmont B172 2 Years	3/8" dia. x 3" length. Package of 5.	6.00 0.4 0.18	5.91 5.88 5.85
259 ACK	RFS Cablewave 913354 1 Year	Hardware kit for 3/8"-16 threaded rods. Includes stainless steel nuts, flatwashers, and lockwashers. Package of 10.	18.00 0.5 0.23	12.60 12.15 11.70
441 ACK	RFS Cablewave 914903 1 Year	1/4"-20 stainless steel hardware kit. Includes 10 ea. nuts, flatwashers and lockwashers.	18.00 0.25 0.11	12.78 11.88 10.98
669 ACK	Microflect/Valmont B164 2 Years	3/8" dia. x 6" length. Package of 5.	8.00 0.8 0.36	7.88 7.84 7.80

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
24141 1 EACH	Wireless Solutions MT-377 5 Years	3/8" dia. x 12" length. Galvanized. Single pack.	4.00 0.3 0.14	3.92 3.88 3.84
NEW 420360 1 EACH	Wireless Solutions MT-373 3 Years	3/8" dia. x 12" length. Single pack.	4.00 1 0.45	3.92 3.88 3.84
NEW 428379 1 EACH	Wireless Solutions MT-369-24 3 Years	1/2" dia. x 24" length. Single pack.	7.00 2 0.91	6.86 6.79 6.72
NEW 430346 1 EACH	Wireless Solutions MT-373-24 3 Years	3/8" dia. x 24" length. Single pack.	6.00 1 0.45	5.88 5.82 5.76
NEW 443305 1 EACH	Wireless Solutions MT-371 3 Years	3/8" dia. x 6" length. Single pack.	2.00 1 0.45	1.96 1.94 1.92
NEW 467312 1 EACH	Wireless Solutions MT-370 3 Years	3/8" dia. x 3" length. Single pack.	1.00 0.5 0.23	0.98 0.97 0.96
NEW 493164 1 EACH	Wireless Solutions MT-374 3 Years	3/8" dia. x 36" length. Single pack.	8.00 1.5 0.68	7.84 7.76 7.68
76499 1 EACH	Microflect/Valmont B1271 2 Years	3/8" dia. x 12" length. Single pack.	5.00 0.3 0.14	4.93 4.90 4.88
NEW 480174 1 EACH	Wireless Solutions MT-378 3 Years	3/8" dia. x 120" length. Galvanized. Single pack.	19.00 5 2.27	18.62 18.43 18.24
84507 10 PACK	RFS Cablewave 914905 1 Year	1/4"-20 x 12" in length. Package of ten.	55.00 0.8 0.36	39.05 36.30 33.55
73181 10 PACK	RFS Cablewave 914904 1 Year	3/8"-16 threaded by 12" in length. Package of ten.	55.00 3 1.36	39.05 36.30 33.55
24892 1 EACH	Microflect/Valmont B180 2 Years	3/8" dia. x 36" length. Single pack.	8.00 1 0.45	7.88 7.84 7.80
78385 1 EACH	Microflect/Valmont B402 2 Years	1/2" dia. x 36" length. Single pack.	16.00 1.25 0.57	15.76 15.68 15.60
32900 5 PACK	RFS Cablewave 913351 1 Year	3/8"-16 threaded by 36" in length. Package of five.	150.00 4.4 2	106.50 99.00 91.50
NEW 498147 1 EACH	Wireless Solutions MT-382-24 3 Years	5/8" dia. x 24" length. Galvanized. Single pack.	8.50 2.4 1.09	8.33 8.25 8.16

T&B Threaded Rod and Hardware

445326 425343 439315

Thomas & Betts Superstrut threaded rods, couplers and washers are standard sizes and are used with Superstrut or existing framing.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 445326 1 EACH	Thomas and Betts H-104 3/8X12 2 Year	Threaded rod, 3/8" x 12 ft	4.10 3.48 1.58	4.00 3.92 3.84
NEW 475321 6 EACH	Thomas and Betts H-104 3/8X6 2 Year	Threaded rod, 3/8" x 6 ft	1.95 1.74 0.79	1.89 1.85 1.81
NEW 444311 1 EACH	Thomas and Betts H-104 1/2X12 2 Year	Threaded rod, 1/2" x 12 ft	7.95 6.48 2.95	7.77 7.61 7.45
NEW 445331 1 EACH	Thomas and Betts H104 1/2X6 2 Year	Threaded rod, 1/2" x 6 ft	3.75 3.24 1.47	3.65 3.58 3.50
NEW 425343 50 PACK	Thomas and Betts H119-3/8 2 Year	Coupling for 3/8" threaded rod	53.00 1.15 0.52	51.94 50.88 49.82
NEW 439315 100 PACK	Thomas and Betts AB241-3/8 2 Year	Square washer with 3/8" hole	68.25 17.29 7.86	66.86 65.50 64.13
NEW 460309 100 PACK	Thomas and Betts AB241-1/2 2 Year	Square washer with 1/2" hole	67.80 17.29 7.86	66.43 65.07 63.72

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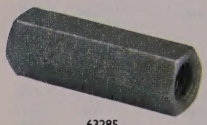
Threaded Drop Rods

Steel threaded rod with zinc plate finish.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
54786 1 EACH	Cooper B-Line SB-302-12 90 Days	12" Drop Rod. 3/8" x 16 threads per inch.	2.25 0.3 0.14	2.25 2.25 2.15
84013 1 EACH	Cooper B-Line SB-304-12 90 Days	12" Drop Rod. 5/8" x 11 threads per inch.	5.10 2 0.91	5.06 5.06 4.84
55750 1 EACH	Cooper B-Line SB-303-36 90 Days	36" Drop Rod. 1/2" x 13 threads per inch.	5.20 0.09 0.04	5.17 5.17 4.94
24127 1 EACH	Cooper B-Line SB-302-36 90 Days	36" Drop Rod. 3/8" x 16 threads per inch.	2.90 0.09 0.04	2.88 2.88 2.75
32406 1 EACH	Cooper B-Line SB-304-36 90 Days	36" Drop Rod. 5/8" x 11 threads per inch.	8.10 2 0.91	8.07 8.07 7.71
70799 1 EACH	Cooper B-Line SB-304-72 90 Days	72" Drop Rod. 5/8" x 11 threads per inch.	16.15 5 2.27	16.14 16.14 15.42

Threaded Rod Couplers

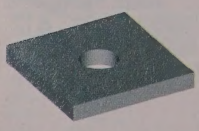


63285

Used to splice two threaded rods together.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 421115 1 EACH	Wireless Solutions MT-390 5 Years	3/8" Threaded Rod Coupler. Sold individually.	1.75 0.3 0.14	1.72 1.70 1.68
63285 5 PACK	Microflect/Valmont B183 2 Years	3/8" Threaded Rod Coupler. 1-3/4" long. Package of 5.	9.00 0.5 0.23	8.87 8.82 8.78
19192 1 EACH	Cooper B-Line SB-306 90 Days	For use with 5/8"-11 threaded rods.	4.20 0.18 0.08	4.17 4.17 3.99
22032 1 EACH	Cooper B-Line B655-1/2 90 Days	For use with 1/2"-13 threaded rods.	2.15 0.11 0.05	2.15 2.15 2.06

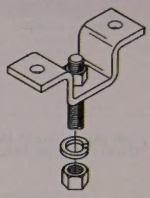
Back-up Plates



Galvanized steel back-up plate. Use when running threaded rod through a wall for extra stability.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
11678 4 PACK	Microflect/Valmont B235 2 Years	4" x 4" x 1/4" galvanized backing plate with a 9/16" center hole. Package of 4.	12.00 4 1.82	11.82 11.76 11.70
NEW 434126 1 EACH	Wireless Solutions SW-38 3 Years	2" x 2" x 1/8" backing plate. Package of 1.	1.00 1 0.45	0.98 0.97 0.96

Ceiling Hanger Bracket Kit



Used in conjunction with the runway support clip (63830) or slip on hanger clip (SKU 12223) allows to mount stringers from the ceiling. Includes one bracket, two hex nuts, and one lockwasher. Anchor hardware and drop rod not included.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
44371 1 EACH	Cooper B-Line SB-2215-B 90 Days	For use with 5/8" x 11 drop rods.	4.80 0.93 0.42	4. 4. 4.

Ceiling Bracket

Galvanized Ceiling Bracket for use with Threaded Rod.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 421111 10 PACK	Andrew Corporation 244350 2 Years	Galvanized ceiling bracket for use with 3/8" threaded rod. Use 3/8" hardware for mounting. Package of 10. Use Andrew Series 243095 for the proper cable size.	24.00 1.6 0.73	17. 16. 15.
50071 5 PACK	Microflect/Valmont B412 2 Years	Galvanized ceiling bracket for use with 3/8" threaded rod. Use 3/8" hardware for mounting. Package of 5.	10.00 1.6 0.73	9.8 9.8 9.7
84262 5 PACK	Microflect/Valmont B411 2 Years	Galvanized ceiling bracket for use with 1/2" threaded rod. Use 1/2" hardware for mounting. Package of 5.	12.00 1.6 0.73	11. 11. 11.

T&B SuperStrut Beam Clamps

Thomas & Betts Superstrut Beam Clamps have a silver el troplated finish and are excellent for connecting mountin channel to steel beams.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 493380 50 PACK	Thomas and Betts 500SC 2 Year	1/4-20 tapped hole beam clamp - electroplated finish	32.30 10.65 4.84	31. 31. 30.
NEW 463314 25 PACK	Thomas and Betts 502 2 Year	3/8-16 tapped hole beam clamp - electroplated finish	51.00 24.2 11	49. 48. 47.

Beam Clamps

Use this clamp when mounting to an I-beam up to 7/8 inc thick. Tightens to I-beam by the set screw at the top and 8"-11 drop rod threads onto the bottom to allow you to mount a runway hanger. (Drop rod not included)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
57585 1 EACH	Cooper B-Line SB-4001-E 90 Days	Set screw 1/2"-13. 7/8" opening. 1500 lbs. load. Requires 5/8"-11 threaded rod.	22.10 1.33 0.6	13. 13. 12.
95978 1 EACH	Cooper B-Line SB-4002-C 90 Days	Set screw 1/2"-13. 1-11/16" opening. 1600 lbs. Requires 5/8"-11 threaded rod.	34.35 1.85 0.84	20. 20. 19.

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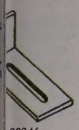
ip Angles



80246

Corner Clip Angles include 8 galvanized bolts, nuts, flatwashers and lockwashers. Galvanized. 4 per package.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
246 ACK	Microflect/Valmont B297 2 Years	Clip Angle with a 9/16" hole and a 9/16" x 4 1/2" slot. Includes 1/2" x 1 1/2" bolts, nuts and lockwashers.	30.00 8.5 3.86	29.55 29.40 29.25
460 ACK	Microflect/Valmont B515 2 Years	Used to form waveguide channel junctions and to attach waveguide canopies to supports. 7/16"by 1 1/2" slots. Includes 3/8" x 1 1/4" galvanized bolts, nuts and washers, 4 per package.	22.00 2.6 1.18	21.67 21.56 21.45
853 ACK	Microflect/Valmont B162 2 Years	Used to attach canopy support angle to wall. 9/16" x 1 1/2" slots. Includes 1/2" x 1 1/2" galvanized bolts, nuts and washers. 4 per package.	24.00 2.6 1.18	23.64 23.52 23.40

alf Straps

Half Straps are used in installing waveguide pressurization lines and ground wires. Galvanized.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
425 ACK	Microflect/Valmont B139 2 Years	Half strap kit. Includes1/2" strap, #8 screws and plastic anchors. 10 per package.	9.00 0.3 0.14	8.87 8.82 8.78
211 ACK	Microflect/Valmont B1190 2 Years	Half straps only. Package of 10.	6.00 0.3 0.14	5.91 5.88 5.85
854 PACK	Microflect/Valmont B1190-10 2 Years	Half straps only. Package of 100.	62.50 3 1.36	61.57 61.25 60.94
004 ACK	GS Metals G-7901 2 Years	Half straps for 1/4" OD tubing. Will also fit #6 stranded ground wire. Galvanized. Pack of ten.	6.00 1 0.45	5.92 5.89 5.86
152 PACK	GS Metals G-7903 2 Years	Half straps for 3/8" OD tubing. Galvanized. Pack of ten.	65.00 10 4.54	64.09 63.77 63.44
EW 196 ACH	Wireless Solutions MT-518 2 Years	1/2" Half Clip, 1/4" Hole. Sold individually.	0.75 1 0.45	0.74 0.73 0.72
EW 165 ACH	Wireless Solutions MT-519 2 Years	3/4" Half Clip, 1/4" Hole. Sold individually.	0.95 1 0.45	0.94 0.93 0.92

Racks [437-70]

If you are buying these, you might need:

CCTV Equipment. . . . . page 667
Grounding Systems . . . . . page 560

pen Aluminum Equipment Rack

Communication rack designed for compatibility with other manufacturers' racks and accessories. 12-24 panel mounting holes. Extruded aluminum channel uprights. Self supporting capability. Two top angles for added rigidity.

30

uing product table (1 of 2)

No. Uom	Manufacturer Mfg. P/N Warranty	Height	Width	Depth Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
359 ACH	Cooper B-Line SB-556-084 90 Days	7' 0"	19"	3.5" Aluminum	127.20 35 15.91	127.20 127.20 121.48

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Height	Width	Depth Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
41530 1 EACH	Cooper B-Line SB-556-084-GRAY 90 Days	7' 0"	19"	3.5" Gray	137.00 35 15.91	137.00 137.00 130.84
62127 1 EACH	Cooper B-Line SB-556-090 90 Days	7' 6"	19"	3.5" Aluminum	218.10 32 14.54	218.10 218.10 208.29

Open Aluminum Relay Rack

11372

Communication rack designed for compatibility with other manufacturers' racks and accessories. 12-24 panel mounting holes tapped on EIA universal spacing on both front and rear flanges. This rack is usually mounted to the floor. Shipped knocked down.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Height	Width	Depth Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
11372 1 EACH	Bud Industries Inc. ARR-1272-NATURAL 90 Days	84"	19"	3" Natural Finish	133.90 37 16.82	127.21 120.51 113.82
77703 1 EACH	Bud Industries Inc. ARR-1272-BLACK 90 Days	84"	19"	3" Black Finish	142.40 37 16.82	135.26 128.14 121.02

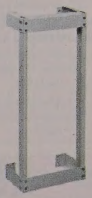
Aluminum Rack W/Cable Management

47300

Communication rack designed for compatibility with other manufacturers' racks and accessories. 12-24 panel mounting holes tapped on EIA universal spacing on both front and rear flanges. This rack is usually mounted to the floor. Comes with (12) cable rings, one pair cable covers and (6) cable rings. Ships knocked down.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Height	Width	Depth Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
47300 1 EACH	Bud Industries Inc. DC-8035 90 Days	77"	19"	3" Black Finish	327.80 49 22.27	311.41 295.02 278.63

Wall Mount Relay Rack



Wall mount relay racks provide open relay and distribution rack provisions when floor mounting space is not available. They feature 19" wide panel space, with mounting holes tapped with #12-24 thread on EIA universal spacing on both front and rear flanges, and are constructed of standard natural finish aluminum with wall mounting brackets.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Height	Width	Depth Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
13903 1 EACH	Bud Industries Inc. WRR-2242 90 Days	42.0"	19"	8" Natural Finish	151.65 21 9.54	144.03 136.45 128.87
12654 1 EACH	Bud Industries Inc. WRR-2244 90 Days	42.0"	19"	18" Natural Finish	182.05 30 13.64	172.93 163.83 154.73

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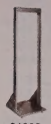
Reinforced Equipment Racks



86909

Exceptionally strong structure made up of chassis type base and support angles. 7/64" steel channel uprights. Rails are tapped #10-32 on EIA universal spacing on front side only. Base is 20"x 22" and drilled for RC-7758 casters.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Height	Width	Depth Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
70718 1 EACH	Bud Industries Inc. RR-1263-GRAY 90 Days	35 5/8"	19"	3" Metallic Grey	148.50 10.2 4.64	141.05 133.63 126.20
60481 1 EACH	Bud Industries Inc. RR-1264-GRAY 90 Days	70 5/8"	19"	3" Metallic Grey	178.40 69.55 31.61	169.48 160.56 151.64
22088 1 EACH	Bud Industries Inc. RR-1364-BLACK 90 Days	75 5/8"	19"	3" Black	182.40 47 21.36	173.26 164.14 155.02
35302 1 EACH	Bud Industries Inc. RR-1364-GRAY 90 Days	75 5/8"	19"	3" Metallic Grey	182.40 47 21.36	173.26 164.14 155.02
86909 1 EACH	Bud Industries Inc. RR-1366-GRAY 90 Days	81 1/8"	19"	3" Metallic Grey	186.40 45 20.45	177.05 167.73 158.41

Reinforced Equipment Racks

24730

Chassis-type base holds heavy components for table mounting applications. Supporting angles provide strength, rigidity. Panel mounting rails tapped #10-32 on EIA universal spacing. Standard 19" panel fits flush with front.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Height	Width	Depth Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
24730 1 EACH	Bud Industries Inc. RR-1248-GRAY 90 Days	24"	19"	12" base Metallic Grey	96.80 14.5 6.59	91.95 87.11 82.27
49909 1 EACH	Bud Industries Inc. RR-1249-GRAY 90 Days	31"	19"	12" base Metallic Grey	105.80 16.2 7.36	100.48 95.19 89.90

Heavy-Duty Equipment Racks

49765

Extra sturdy racks are made of 14 and 12 gauge steel. 8" deep weld "U" member and triangular bracket hold uprights to base. Panel mounting rails are tapped #10-32 EIA universal spacing. Shipped knocked down.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Height	Width	Depth Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
49765 1 EACH	Bud Industries Inc. RR-1369-GRAY 90 Days	77"	19"	8" Metallic Grey	357.15 81 36.81	339.27 321.41 303.56
61764 1 EACH	Bud Industries Inc. RR-1369-BLACK 90 Days	77"	19"	8" Black Texture	357.15 81 36.81	339.27 321.41 303.56

Double Equipment Rack

These new "Double Rack"s occupy a small amount of floor space while offering 4 mounting points, adjustable extenders for mounting wiring ladders or cableways on top of rack, dual mounting surfaces tapped for #12-24 screws and a panel space of 19" x 77". Made of 14 gauge steel. Unit ships knocked down.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Height	Width	Depth Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 497187 1 EACH	Bud Industries Inc. DR-8092 90 Days	84"	20.25"	24" (30" & 36" also available) Black Texture	361.30 81 36.81	343.21 325.15 307.08
NEW 483154 1 EACH	Bud Industries Inc. DR-8093 90 Days	84"	20.25"	30" (24" & 36" also available) Black Texture	363.60 81 36.81	345.39 327.21 309.03

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Height	Width	Depth Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW 434120 1 EACH	Bud Industries Inc. DR-8094 90 Days	84"	20.25"	36" (24" & 30" also available) Black Texture	365.25 85 38.63	346 328 310

Low Priced Rack Series Cabinet

77872

This incredibly low-cost knockdown cabinet rack proves that you don't have to sacr quality and strength for price. With it's high weight-load bearing capabilities, it's abi to accept all standard Bud accessories, and it's rapid assembly approach, these racks save you significant time and money.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Height	Width	Depth Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
77872 1 EACH	Bud Industries Inc. LPR-8212 90 Days	47.31"	19"	24" Royal Blue	456.95 95 43.18	434 411 388
11802 1 EACH	Bud Industries Inc. LPR-8215 90 Days	75.31"	19"	24" Royal Blue	570.95 120 54.54	542 513 485
24911 1 EACH	Bud Industries Inc. LPR-8215 90 Days	75.31"	19"	24" Black	570.95 120 54.54	542 513 485

Datacom Cabinet Assembly

95127

The Bud Datacom Cabinet will accommodate all of your requirments for housing r working equipment in a secured enviroment. The Datacom Cabinet features Econo mizer cabinet rack with side panels and rear door. Ventilated top and cable access i bottom. Installed plexiglass locking front door, 2 pairs of mounting rails and 2 shelv

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Height	Width	Depth Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
95127 1 EACH	Bud Industries Inc. DC-8002-SAND 90 Days	70"	19"	25.5" Sand	1,222.05 208 94.54	1,160 1,099 1,038

Distribution Cabinet Rack

85693

The Bud Distribution Cabinet Rack with built in cable management. Welded steel w plexiglass paneled front door. Incorporates built in and adjustable cable managemen panels and brackets. Avaliable in black textured and royal blue textured.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Height	Width	Depth Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
85693 1 EACH	Bud Industries Inc. DC-8050-BT 90 Days	78.75"	19"	29.25" Black Texture	1,672.80 37 16.82	1,589 1,505 1,421

B-Line "E2" Series Cabinets

15875

B-Line E2 series vertical cabinets feature smoked plexiglass removable front locking door, louvered removable rear locking door, push button lift-off locking side panels, perforated top for ventilation and optional fan, adjustable leveling feet, removable c entry panels on base, four cable strain relief bars and two pair of adjustable mounti rails tapped #12-24 and supplied with 50 mounting screws. Models are availble for 23" or 24" rack mounting and in a variety of sizes and colors.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Height	Width	Depth Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
15875 1 EACH	Cooper B-Line E2-SC-782930-23BL 90 Days	78"	29"	30" Black Texture	2,386.00 40 18.18	1,950 1,833 1,71

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Mark Data Standard Cabinet

X-Mark Data Standard cabinets have a 29" wide footprint for normal spacing areas and feature a tempered safety glass front door and vented rear door; which are reversible, quick disconnect lift off side panels, sliding mounting rails, top cable access, rear cable plate access, adjustable cable gland plate, a 10" fan top, and 16 position outlet strip. Also includes 2 pairs of mounting rails that are field adjustable to either 19" or 23" EIA spacing. Locking doors and side panels provide security. Available in Black (Sku 452129) and Beige (Sku 443148).

18

No. Jom	Manufacturer Mfg. P/N Warranty	Height	Width	Depth Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
129 CH	X-Mark/CDT XST84-3-122221 1 Year	84"	29"	30" Black	1,731.40 350 159.08	1,471.66 1,385.09 1,298.52
148 CH	X-Mark/CDT XST84-2-122221 1 Year	84"	29"	30" Beige	1,731.40 350 159.08	1,471.66 1,385.09 1,298.52

Mark Data Slim Cabinet

X-Mark Data Slim Cabinets have a 24" wide footprint to match computer room floor tiles or areas where space is a premium. Featuring a tempered safety glass front door and vented rear door; which are reversible, quick disconnect lift off side panels, sliding mounting rails, top cable access, rear cable plate access, adjustable cable gland plate, a 10" fan top, and 16 position outlet strip. Also includes 2 pairs of mounting rails that are field adjustable to either 19" or 23" EIA spacing. Locking doors and side panels provide security. Available in Black (Sku 411139) and Beige (Sku 440129).

29

No. Jom	Manufacturer Mfg. P/N Warranty	Height	Width	Depth Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
139 CH	X-Mark/CDT XSL84-3-122221 1 Year	84"	24"	30" Black	1,686.45 350 159.08	1,433.48 1,349.16 1,264.83
129 CH	X-Mark/CDT XSL84-2-122221 1 Year	84"	24"	30" Beige	1,686.45 350 159.08	1,433.48 1,349.16 1,264.83
W 380 CH	X-Mark/CDT XSL72-2-122222 1 Year	72"	24"	30" Beige	1,904.00 350 159.08	1,618.40 1,523.20 1,428.00

Mark Data Ultra Server

X-Mark Data Ultra Server cabinets have a 24" wide footprint to match computer room floor tiles or areas where space is a premium. The Ultra Server also has 36" of depth as opposed to the standard 30". Featuring a tempered safety glass front door and vented rear door; which are reversible, quick disconnect lift off side panels, sliding mounting rails, top cable access, rear cable plate access, a 10" fan top, and 16 position outlet strip. Also includes 3 pairs of mounting rails that are field adjustable to either 19" or 23" EIA spacing. Locking doors and side panels provide security.

39

No. Jom	Manufacturer Mfg. P/N Warranty	Height	Width	Depth Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
139 CH	X-Mark/CDT XUS84-2-121221 1 Year	84"	24"	36" Beige	1,858.50 350 159.08	1,579.70 1,486.78 1,393.86

tractable Keyboard Swivel Shelf

439136

Retractable Swivel Shelf for keyboards allows maximum cabinet space efficency. Shelf color is black.

No. Jom	Manufacturer Mfg. P/N Warranty	Height	Width	Depth Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
136 CH	X-Mark/CDT 9015-1909 1 Year	N/A	19"	N/A Black	190.70 8 3.64	162.08 152.55 143.01

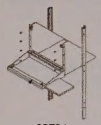
Sliding Keyboard Shelf

57333

Sturdy steel construction in standard black finish. Convenient pullout handle. Shelf locks in open position to offer stable keyboard surface. 19" rack mountable. Requires two pairs of mounting rails for installation.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Height	Width	Depth Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
57333 1 EACH	Bud Industries Inc. KS-1788 90 Days	N/A	19"	N/A Black	144.10 35 15.91	136.87 129.67 122.46

Monitor Shelf w/Keyboard Shelf

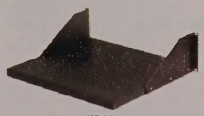


95726

Sturdy steel construction in standard black finish. Easy to install on single pair of mounting rails. Allows standard PC size keyboard to be used in 19" panel width. Built-in wrist rest and clip-on mouse/note pad.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Height	Width	Depth Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
95726 1 EACH	Bud Industries Inc. SA-1746 90 Days	N/A	19"	16.87" Black	130.35 22.65 10.29	123.83 117.31 110.79

Adjustable Equipment Rack Shelves

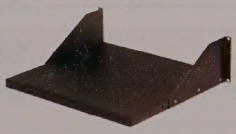


72446

Equipment rack shelving for 19" racks are made of 16 gauge steel and are flanged on both sides for added support. The shelves are adjustabe for depth within the rack. All mounting hardware included. Holds 200 lbs weight.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Height	Width	Depth Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
59232 1 EACH	Bud Industries Inc. SA-1278-BLACK 90 Days	N/A	17 3/16"	16" Black Texture	70.20 8.3 3.77	66.67 63.16 59.65
97625 1 EACH	Bud Industries Inc. SA-1278-GRAY 90 Days	N/A	17 3/16"	16" Metallic Grey	70.20 7 3.18	66.67 63.16 59.65
20839 1 EACH	Bud Industries Inc. SA-1279-GRAY 90 Days	N/A	17 3/16"	20" Metallic Grey	75.60 9.36 4.25	71.82 68.04 64.26
72446 1 EACH	Bud Industries Inc. SA-1279-BLACK 90 Days	N/A	17 3/16"	20" Black Texture	75.60 7 3.18	71.82 68.04 64.26

Adjustable Equipment Rack Shelves



Equipment rack shelving for 23" racks are made of 16 gauge steel and are flanged on both sides for added support. The shelves are adjustabe for depth within the rack. All mounting hardware included. Holds 150 lbs weight.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Height	Width	Depth Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
96975 1 EACH	Bud Industries Inc. SA-1378-BT 90 Days	N/A	21 3/16"	16" Black	81.40 9.62 4.37	77.30 73.23 69.16
98224 1 EACH	Bud Industries Inc. SA-1378-MG 90 Days	N/A	21 3/16"	16" Metallic Grey	81.40 11 5	77.30 73.23 69.16
83761 1 EACH	Bud Industries Inc. SA-1379-BT 90 Days	N/A	21 3/16"	20" Black	89.75 10.75 4.89	85.27 80.78 76.29
32154 1 EACH	Bud Industries Inc. SA-1379-MG 90 Days	N/A	21 3/16"	20" Metallic Grey	89.75 11.3 5.14	85.27 80.78 76.29

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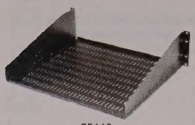
Ventilated Rack Shelves

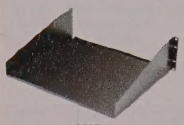


85660

Equipment rack shelving for 19" racks are made of 16 gauge steel and are flanged on both sides for added support. All mounting hardware included.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Height	Width	Depth Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
34053 1 EACH	Bud Industries Inc. SA-1751-GRAY 90 Days	5 1/4"	17 5/8"	15" Metallic Grey	55.85 8 3.64	53.06 50.27 47.48
85660 1 EACH	Bud Industries Inc. SA-1751-BLACK 90 Days	5 1/4"	17 5/8"	15" Black Texture	55.85 6.85 3.11	53.06 50.27 47.48

Non-Ventilated Rack Shelves

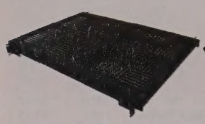


98874

Equipment rack shelving for 19" racks are made of 16 gauge steel and are flanged on both sides for added support. All mounting hardware included.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Height	Width	Depth Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
47267 1 EACH	Bud Industries Inc. SA-1750-GRAY 90 Days	5 1/4"	17 5/8"	15" Metallic Grey	51.10 8 3.64	48.55 45.99 43.44
98874 1 EACH	Bud Industries Inc. SA-1750-BLACK 90 Days	5 1/4"	17 5/8"	15" Black Texture	51.10 8 3.64	48.55 45.99 43.44

Heavy Duty Shelves



481144

455103

Heavy duty adjustable shelves for 19" racks. These shelves are 4 point mounted, vented and support up to 300 pounds. A sliding adjustable shelf is also available in this series (Sku 455103) which supports up to 120 pounds. Color is standard black.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Height	Width	Depth Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
486114 1 EACH	X-Mark/CDT 9010-1924 1 Year	1 1/4"	17 1/4"	24" Black	50.85 8 3.64	43.23 40.68 38.14
481144 1 EACH	X-Mark/CDT 9010-1930 1 Year	1 1/4"	17 1/4"	30" Black	59.35 8 3.64	50.43 47.46 44.49
455103 1 EACH	X-Mark/CDT 9013-1924 1 Year	3 1/2"	19"	24" Black	112.75 8 3.64	95.81 90.17 84.54

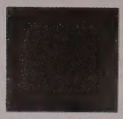
Flush Mount Cantilevered Shelves

419182

Flush mount cantilevered shelves are vented and come in standard black. 12" depth shelf supports up to 70 lbs. and 18" depth supports up to 55 lbs.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Height	Width	Depth Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
483115 1 EACH	X-Mark/CDT 9011-1912 1 Year	5 1/4"	19"	12" Black	29.70 8 3.64	25.22 23.73 22.25
419182 1 EACH	X-Mark/CDT 9011-1918 1 Year	5 1/4"	19"	18" Black	33.90 8 3.64	28.81 27.12 25.42

19" Aluminum Panels



46018

These aluminum panels are used to close open spaces between equi that is mounted on a rack.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Height	Width	Depth Color	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
46018 1 EACH	Bud Industries Inc. PA-1101-GRAY 90 Days	1 3/4"	19"	1/8" Metallic Grey	8.75 0.38 0.17	8 7 7
32804 1 EACH	Bud Industries Inc. PA-1102-GRAY 90 Days	3 1/2"	19"	1/8" Metallic Grey	12.20 0.8 0.36	1 1 1
56467 1 EACH	Bud Industries Inc. PA-1103-BLACK 90 Days	5 1/4"	19"	1/8" Black	16.70 1.18 0.54	1 1 1
71197 1 EACH	Bud Industries Inc. PA-1103-GRAY 90 Days	5 1/4"	19"	1/8" Metallic Grey	16.70 1.18 0.54	1 1 1
33977 1 EACH	Bud Industries Inc. PA-1104-BLACK 90 Days	7"	19"	1/8" Black Texture	20.80 1.62 0.74	1 1 1
72895 1 EACH	Bud Industries Inc. PA-1104-GRAY 90 Days	7"	19"	1/8" Metallic Grey	20.80 2 0.91	1 1 1
19590 1 EACH	Bud Industries Inc. PA-1105-GRAY 90 Days	8 3/4"	19"	1/8" Metallic Grey	25.20 2 0.91	2 2 2
59003 1 EACH	Bud Industries Inc. PA-1105-BLACK 90 Days	8 3/4"	19"	1/8" Black Texture	25.20 2 0.91	2 2 2
94135 1 EACH	Bud Industries Inc. PA-1106-GRAY 90 Days	10 1/2"	19"	1/8" Metallic Grey	31.95 2.43 1.1	3 2 2
96147 1 EACH	Bud Industries Inc. PA-1106-BLACK 90 Days	10 1/2"	19"	1/8" Black Texture	31.95 3 1.36	3 2 2

Open Server Racks

Bud ServerRack comes complete with 23" panel w network frame, monitor shelf with switchbox com ment, power outlet strip, sliding keyboard shelf wi mouse pad and two heavy duty equipment shelves Ships knockdown in one carton.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Height	Width	Depth Color	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 84444 1 EACH	Bud Industries Inc. CSR-8060 90 Days	66.50"	24.25"	23.00" Black Finish	762.75 100 45.45	72 68 64

Swingframes

85140

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Height	Width	Depth Color	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
85140 1 EACH	Bud Industries Inc. SF-2184 1 Year	24"	21.25"	18" Black	131.05 10 4.54	12 11 11

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mic Zone Racks

Qty/Uom	Manufacturer Mfg. P/N Warranty	Height	Width	Depth Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30 EH	Cooper B-Line SB-5578-084 90 Days	7 Ft.	23"	5" Telco Grey	385.30 75 34.09	385.30 385.30 367.97
W 51 EH	Cooper B-Line SB-5866-138-TG 90 Days	138"	23"	5" Telco Grey	608.00 136 61.81	608.00 608.00 580.64

/23" Cabinet Rack

Bud 19"/23" Equipment Cabinet Rack allows for the purchasing, stocking, and use of only cabinet for all of your 19" and 23" panel width equipment installations. The unique panel nting rail design allows the user to determine which panel width is required at the time of al installation, eliminating expensive floor plans and equipment layouts to accommodate ous cabinets for various equipment widths.

Qty/Uom	Manufacturer Mfg. P/N Warranty	Height	Width	Depth Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 90 EH	Bud Industries Inc. DC-8010 90 Days	84.06"	27"	30.75" Sand	1,187.05 256 116.35	1,127.68 1,068.33 1,008.98

NEMA 19"/23" Cabinet Rack

Bud 19"/23" Equipment Cabinet Rack allows for the purchasing, stocking, and use of only cabinet for all of your 19" and 23" panel width equipment installations that require a 1A 12 rated enclosure. The unique panel mounting rail design allows the user to determine h panel width is required at the time of actual installation, eliminating expensive floor plans equipment layouts to accommodate various cabinets for various equipment widths.

Qty/Uom	Manufacturer Mfg. P/N Warranty	Height	Width	Depth Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 82 EH	Bud Industries Inc. NR-10026 90 Days	84.06"	27"	30.75" Gray	1,926.75 345 156.8	1,830.40 1,734.06 1,637.73

Racks Accssories [437-80]

If you are buying these, you might need:

CCTV Equipment. . . . . page 667
Ground Bars. . . . . page 560
Ground Wire . . . . . page 574
Lugs, Clamps and Accessories . . . . . page 566

p Lite Rack Mount Power Strips

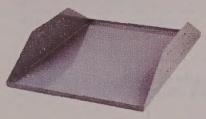
Tripp Lite Power Strips provide convenient multiple outlets for your telecom equipment. 1U metal housing models mount in a standard 19 inch rack. Removable and adjustable mounting hardware allows for tower, stack, wall, or under- ter mounting options. Choose from front, rear or front/ rear outlets. For Tripplite Isobar and line noise protection see Lightning and Surge Arrestors in section 350/ 27.

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 67 EH	Tripp Lite RS0615-F	19" rack mount power strip. 125 VAC, 15 Amp. Includes 15' power cord, illuminated on/off switch with locking switch cover, 6 front mounted 5-15R outlets.	59.30 3 1.36	40.63 38.55 35.58
W 66 EH	Tripp Lite RS0615-R	19" rack mount power strip. 125 VAC, 15 Amp. Includes 15' power cord, illuminated on/off switch with locking switch cover, 6 rear mounted 5-15R outlets.	59.30 3 1.36	40.63 38.55 35.58
57 EH	Tripp Lite RS1215	19" rack mount power strip. 125 VAC, 15 Amp. Includes 15' power cord, illuminated on/off switch with locking switch cover, 12 (6 front, 6 rear) 5-15R outlets.	57.50 5.52 2.51	39.39 37.38 34.50

Rack Mount Power Strips

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
412009 1 EACH	Bud Industries Inc. POS-201 90 Days	Designed for 19" panel space open and enclosed racks. 8 outlets fed by a single circuit are mounted on the front of the unit. 20 amp, 125 volt circuit ratings, Circuit breaker and light on front panel. 12 foot cord. Black finish	84.75 5.1 2.32	80.52 76.28 72.04
420059 1 EACH	Bud Industries Inc. POS-195-S 90 Days	AC power strip for 19" rack. Surge protected at 330 volts. Includes 12 ft power cord, 15 amp, 125 volt rating, on/off switch, and front outlet position. Black finish. Eight outlets.	55.95 4.65 2.11	53.14 50.34 47.55
465020 1 EACH	Bud Industries Inc. POS-194-S 90 Days	AC power strip for 19" rack. Surge protected at 330 volts. Includes 12 ft power cord, 15 amp, 125 volt rating, on/off switch, and rear outlet position. Black finish. Eight outlets.	55.95 4.57 2.08	53.14 50.34 47.55
491036 1 EACH	Bud Industries Inc. POS-203 90 Days	Designed for 19" panel space open and enclosed racks. 8 outlets, fed by two circuits, are mounted on the front of the unit. 20 amp, 125 volt circuit ratings, Circuit breaker and light for each circuit on front panel. Two 12 foot cords. Black finish.	101.70 5 2.27	96.61 91.53 86.44
491171 1 EACH	X-Mark/CDT 9413-0601 1 Year	19" long, 6 outlet power strip. 15 amp capacity. Includes 15 foot power cord. UL Listed.	61.90 4 1.82	52.59 49.49 46.40

Rack Shelves and Battery Hardware



Rack mounting hardware fits any standard 19" or 23" rack system.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
56434 1 EACH	Carber-Rambo 19BSRM 1 Year	EDC 19 inch rack mount battery shelf. Rated for 15 lbs.	119.00 15.95 7.25	104.96 99.96 95.20
56442 1 EACH	Carber-Rambo BBK19 1 Year	EDC 19" rack mount dual polarity battery landing bus bar	155.00 5 2.27	136.71 130.20 124.00
56446 1 EACH	Carber-Rambo BC2-84 1 Year	COBRA 84" Battery Cable Kit #2 AWG. Use with 75AH to 140AH batteries	55.00 3 1.36	48.51 46.20 44.00

Vertical Cabling Section

51024

84"H x 6 3/8"D single sided vertical cabling section. Includes 3/8"-16 mounting hardware. Telco gray powder coat.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
51024 1 EACH	Cooper B-Line SB-571-66S-084-TC 90 Days	Vertical Cabling Section	215.00 11 5	215.00 215.00 205.33

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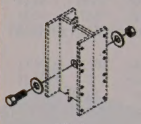
Isolation Components

87509

Anchors and electrically isolates overhead supported relay rack form concrete. Includes isolation pad, two sleeve kits, two 3/8" x 2 3/4" wedge anchors and hardware. For racks supporting 19" wide equipment.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
87509	Cooper B-Line	Overhead Supported Relay Rack Isolation Kit.	15.30	15.30
1 EACH	SB-2542-01		0.7	15.30
	1 Year		0.32	14.62

Junctioning Kits

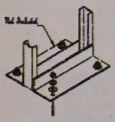


17943

Used for joining two racks together. Includes three 3/8"-16 x 1" HCC bolts, three 3/8"-16 nuts, and six flat washers.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
17943	Cooper B-Line	Junctioning Kit	1.70	1.70
1 EACH	SB-587		0.25	1.70
	90 Days		0.11	1.63

Anchor Kit

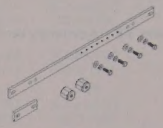


56336

Used to mount self supporting equipment racks to the floor. Includes four anchor bolts, four bolts, and eight washers.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
56336	Cooper B-Line	Anchor Kit	6.60	6.60
1 EACH	SB-588-A		0.46	6.60
	90 Days		0.21	6.31

Rack Ground Bar Kits- Horizontal



Equipmet rack ground bars are 1/4" x 1" with #6-32 threaded holes on 11/16" centers, designed for 19", 23" or 35" equipment racks. Kits include rack ground bar, insulated mounting hardware and 3" bar splice plate.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 471336	Harger RGBHKIT14119.25	1/4" x 1" x 19.25" ground bar	36.75	21.67
1 EACH	1 Year		3	20.60
			1.36	20.13
NEW 430300	Harger RGBHKIT14123.25	1/4" x 1" x 23.25" ground bar.	40.00	23.60
1 EACH	1 Year		4	22.44
			1.82	21.92
NEW 452353	Harger RGBHKIT14135.25	1/4" x 1" x 35.25" ground bar.	55.00	32.45
1 EACH	1 Year		5	30.86
			2.27	30.14

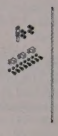
Ground Bars for Racks

23966

Copper ground bar for use on 19" racks. Bolts on back of rack, dia. holes spaced 1.5" apart. Includes mounting hardware.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
23966	Cooper B-Line	Ground Bar for Racks	23.70	
1 EACH	SB-579-03		1	
	1 Year		0.45	

Rack Ground Bar Kits- Vertical



Vertical equipment rack ground bars are 1/4" x 5/8" ba with 1/4-20 threaded hole pairs that will accommodate one hole or two hole "A" spaced lugs (5/8" on center), gated mounting holes. The 36" bar has PEM studs 1" o ter at one end for ground conductor connection. The bar has PEM studs 1" on center at both ends for groun ductor connections. Kits include vertical rack ground and insulated mounting hardware.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
NEW 487372	Harger RGBVKIT145836A	1/4" x 5/8" x 36" bar with threaded hole pairs on 4" centers.	63.00	3
1 EACH	1 Year		6	3
			2.73	3
NEW 442170	Harger RGBVKIT145872A	1/4" x 5/8" x 72" bar with threaded hole pairs on 5" centers.	79.00	4
1 EACH	1 Year		10	4
			4.54	4

Rack Cable Management

414131

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
414131	X-Mark/CDT	Front mount cable management used with racks, .5" x	16.95	1
1 EACH	9712-0102	3" Color is black.	4	1
	1 Year		1.82	1

Levelers

Stem levelers. Nickel-plated steel cap and stem; 3/8"-16 thread. Rubber base. Single piece. Used on Economizer Classic II cabinets.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
72389	Bud Industries Inc.	Cabinet Leveler	4.95	
1 EACH	RL-7766		0.2	
	90 Days		0.09	

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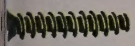
ck Fan Assembly

495105

Fan Assembly for the "Wall Max" series of enclosures.

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
105	X-Mark/CDT	Two 4" diameter fans	100.85	85.73
CH	9312-1600		4	80.68
	1 Year		1.82	75.64

ck Screws



No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
338	Bud Industries Inc.	12-24 x 1/2" truss head phillips screws. Nickel plated.	8.00	7.60
ACK	9260C	For mounting items in a rack. 100 per box.	0.4	7.20
	90 Days		0.18	6.80
204	Wireless Solutions	12-24 x 3/8" pan head phillips screws. Stainless steel.	0.35	0.11
CH	10619-00426	For mounting items in a rack. Single piece.	0.01	0.10
	90 Days		0	0.10
216	Wireless Solutions	12-24 x 5/8" pan head phillips screws. Stainless steel.	0.10	0.11
CH	10619-00427	For mounting items in a rack. Single piece.	0.04	0.11
	90 Days		0.02	0.11
993	Bud Industries Inc.	10-32 x 5/8" Phillips steel truss head machine screws for	12.00	11.40
ACK	7346-B	mounting items in a rack. Black finish. 100 per box.	4	10.80
	90 Days		1.82	10.20

uipment Rack Casters

46486

Extra-heavy-duty casters for equipment racks and cabinets. Ball bearing wheels made of hard tread composition. 200 lbs loading capacity. Mounting hardware included.

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
486	Bud Industries Inc.	One pair.	24.25	23.03
CK	RC-7758/PR		2.25	21.82
	90 Days		1.02	20.61

Indoor/Outdoor Enclosures [438-85]

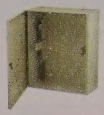
If you are buying these, you might need:

CCTV Equipment . . . . . page 667
Solar Power Products . . . . . page 613
Grounding Systems . . . . . page 560

DDB Unlimited, Inc.

Please take time to look at DDB's hottest, #1-selling enclosure, Model OD-30DX!

Wall Mounted Enclosures



Multiple equipment mounting surfaces for maximum versatility. Ideal for copper to fiber interfaces. Cable access allows for conduit, 4" x 4" raceway or 1" x .75" raceway. Ventilated sides for cooling. Key-locking front door is reversible for left & right hand use. Wall mountable on 16" centers.

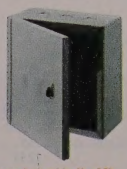
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Dimensions Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
429151	Bud Industries Inc.	31"x25"x12"	329.25	312.78
1 EACH	MNC-8085	Mega Network Cabinet.	58.25	296.32
	90 Days	White Textured	26.47	279.86

X-Mark Wall Mount Enclosures

X-Mark Wall Max series enclosures are ideal for housing voice or data hardware and cabling system components in small to medium workgroup applications and is easily mounted to wall studs or block walls. Features tempered safety glass door with lock, doors that can be hinged for left or right hand operation, cap plugs on all cable entry points and 1 pair 10-32 tapped rails. Rack spaces can vary from 12 units to 25 depending on model.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Dimensions Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
446157	X-Mark/CDT	24"H x 21.25"W x 20 5/8"D	427.15	363.06
1 EACH	XWM-2420-GD-3	Wall mount enclosure with 12 unit rack spaces.	75	341.70
	1 Year	Black	34.09	320.34
437177	X-Mark/CDT	24"H x 21.25"W x 24 5/8"D	467.80	397.63
1 EACH	XWM-2424-GD-3	Wall mount enclosure with 12 unit rack spaces.	80	374.24
	1 Year	Black	36.36	350.85
496147	X-Mark/CDT	36"H x 21.25"W x 20 5/8"D	500.00	425.00
1 EACH	XWM-3620-GD-3	Wall mount enclosure with 18 unit rack spaces.	90	400.00
	1 Year	Black	40.9	375.00
419154	X-Mark/CDT	48"H x 21.25"W x 24 5/8"D	650.00	552.50
1 EACH	XWM-4824-GD-3	Wall mount enclosure with 25 unit rack spaces.	135	520.00
	1 Year	Black	61.36	487.50

Small Wall Mountable Steel Boxes.



Welded steel boxes with wall mountable key slots and a hinged front cover for general use. Works well for all applications requiring boxes with wall or panel mounting capabilities. Painted white textured. Optional internal panel and mounting brackets and panels sold separately.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Dimensions Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
69257	Bud Industries Inc.	8"x8"x4"	36.05	34.22
1 EACH	WM-5510	Wall mountable steel box.	2	32.42
	90 Days	White Textured	0.91	30.62

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Dimensions Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
56043 1 EACH	Bud Industries Inc. WM-5511 90 Days	10"x8"x4" Wall mountable steel box. White Textured	37.75 2.5 1.14	35.83 33.94 32.06
29615 1 EACH	Bud Industries Inc. WM-5513 90 Days	10"x10"x5" Wall mountable steel box. White Textured	43.40 7 3.18	41.23 39.06 36.89
94436 1 EACH	Bud Industries Inc. WM-5512 90 Days	12"x10"x4" Wall mountable steel box. White Textured	45.85 4.6 2.09	43.56 41.27 38.98
68008 1 EACH	Bud Industries Inc. WM-5514 90 Days	12"x12"x6" Wall mountable steel box. White Textured	70.10 10 4.54	66.58 63.08 59.57

Nema Outdoor Enclosure Box

WCU series enclosures are great for housing dash mount radios and batteries. They feature a weather-proof radio compartment and a vented battery compartment. Made of rugged lightweight aluminum with gray finish. Lockable top lid and control wire access door. 3/4" antenna hole in lid. One inch alum. filled gasket,seals top lid.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Dimensions Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
92725 1 EACH	DDB Unlimited WCU-B14 2 Years	14"H x 14 1/4"W x 14 1/4"L Light weight aluminum Gray finish	254.00 35 15.91	209.55 198.12 194.31
28861 1 EACH	DDB Unlimited WCU-P16 2 Years	16"H x 16"W x 16"L Light weight aluminum Gray finish	300.50 19 8.64	247.92 234.39 229.89
91476 1 EACH	DDB Unlimited MINI-15 1 Year	15"H x17"D Radio and Power Supply Box Gray finish	458.00 16 7.27	377.85 357.24 350.37
96879 1 EACH	DDB Unlimited MTD 1 Year	15"H x17"D D-Series mounting tray. Gray finish	76.00 8 3.64	62.70 59.28 58.14

Small Remote Access Cabinet

Aluminum outdoor electronic cabinet with louvered door, cooling fan and heater unit with set thermostats, insulated copper master ground bar and cover plates/removable access panels. GFI protected. Beige powder coat finish.

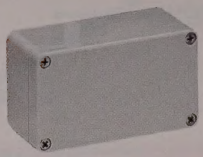
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Dimensions Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
465099 1 EACH	Purcell Systems Inc RAC 1 Year	18"H x 16"W x 8"D NEMA 3R enclosure. Beige Powder Coat	795.00 15 6.82	795.00 779.10 767.18

Point to Multi-Point Radio Cabinet

Aluminum outdoor electronic cabinet with 19" rails, cooling fan and heater unit with set thermostats, single GFI box with 4 outlets, cover plates/removeable access panels and door alarm. Beige powder coat finish.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Dimensions Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
421074 1 EACH	Purcell Systems Inc PTMPC 1 Year	37"H x 22"W x 20"D NEMA 3R enclosure for point to multipoint radio sys-tems. Beige Powder Coat	1,295.00 65 29.54	1,295.00 1,269.10 1,249.68
497096 1 EACH	Purcell Systems Inc UTRAY1915 1 Year	19" x 15" 19" x 15" aluminum equipment tray for the 421074 Point to Multipoint cabinet. Beige Powder Coat	35.00 10 4.54	35.00 34.30 33.78
441013 1 EACH	Purcell Systems Inc CABINET LIFT TABS 1 Year	Cabinet lifting tab kit. Consists of two tabs and four 1/4-20 x 1/2" bolts. Used to lift cabinet into mounting position.	18.00 0.4 0.18	18.00 17.64 17.37

Molded Non-Metallic NEMA 4X Boxes.



Molded Non-Metallic boxes meets NEMA 4X and 529 specs. Wall mounting holes and cover attachir screws are located outside of the sealed area. Co complete with stainless steel cover screws and ins neoprene gasket. Molded-in vertical card guides a horizontal mounting boxes.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Dimensions Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
87666 1 EACH	Bud Industries Inc. PN-1336 90 Days	4.72"x4.72"x2.36" Molded Non-Metallic NEMA 4X Boxes. Light Gray	14.25 1 0.45	1 1 1
73203 1 EACH	Bud Industries Inc. PN-1336-C 90 Days	4.72"x4.72"x2.36" Molded Non-Metallic NEMA 4X Boxes. Lt. Gray/Clear	14.25 2 0.91	1 1 1
22845 1 EACH	Bud Industries Inc. PN-1337 90 Days	4.72"x4.72"x3.54" Molded Non-Metallic NEMA 4X Boxes. Light Gray	15.45 2 0.91	1 1 1
21596 1 EACH	Bud Industries Inc. PN-1337-C 90 Days	4.72"x4.72"x3.54" Molded Non-Metallic NEMA 4X Boxes. Lt. Gray/Clear	15.45 2 0.91	1 1 1
99631 1 EACH	Bud Industries Inc. PN-1338 90 Days	6.30"x6.30"x2.36" Molded Non-Metallic NEMA 4X Boxes. Light Gray	19.75 2 0.91	1 1 1
59989 1 EACH	Bud Industries Inc. PN-1338-C 90 Days	6.30"x6.30"x2.36" Molded Non-Metallic NEMA 4X Boxes. Lt. Gray/Clear	19.75 2 0.91	1 1 1
86417 1 EACH	Bud Industries Inc. PN-1339 90 Days	6.30"x6.30"x3.54" Molded Non-Metallic NEMA 4X Boxes. Light Gray	21.20 2 0.91	2 1 1
98382 1 EACH	Bud Industries Inc. PN-1339-C 90 Days	6.30"x6.30"x3.54" Molded Non-Metallic NEMA 4X Boxes. Lt. Gray/Clear	21.20 2 0.91	2 1 1
24094 1 EACH	Bud Industries Inc. PN-1335 90 Days	10.43"x7.28"x3.74" Molded Non-Metallic NEMA 4X Boxes. Light Gray	32.55 2 0.91	3 2 2
34810 1 EACH	Bud Industries Inc. PN-1335-C 90 Days	10.43"x7.28"x3.74" Molded Non-Metallic NEMA 4X Boxes. Lt. Gray/Clear	32.55 2 0.91	3 2 2
440150 1 EACH	Bud Industries Inc. NBC-15352 90 Days	32.05" x 24.18" x 11.00" Molded Non-Metallic NEMA 4X Boxes. Light Gray	394.00 30 13.64	37 35 33
46775 1 EACH	Bud Industries Inc. MB-1390-LG 90 Days	Set of four mounting brackets and screws for mount NEMA 4X boxes without removing sealed cover.	1.55 1 0.45	1. 1. 1.

DDB Unlimited, Inc.

Please take time to look at DDB's hottest, #1-selling enclosure, Model OD-30DX!

Outdoor Series Cabinets

The OD series cabinet is a new design in commun tion cabinets, being as rigid as steel and yet feather This series cabinet offers all the protection neede today's outdoor requirements. Features front and doors and adjustable rails. Ultimate security is pro by a three point locking system. Class 250, NEMA rated. The POD series cabinets are compact and mountable. Features single door and fixed 19" rails Class 250, NEMA 4X rated. Both OD and POD ca nets come in powder coated cream color. NEMA 3R, 3S, 4 and 4X ratings are available.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Dimensions Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
47629 1 EACH	DDB Unlimited POD-1020F-POD-1 2 Years	10.75"H x 22.25"W x 25.25" compact outdoor cabinet. Provides 10" of 19" rack mount space 20" deep. Fan included. Cream Powder Finish	803.50 31 14.09	66 62 61
78968 1 EACH	DDB Unlimited OD-30DX 2 Years	30"H x 23"W x 25"D 19" EIA rack rails. Front & rear doors secured w/lock. Cream Powder Finish	1,580.00 80 36.36	1,3 1,2 1,2

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uing product table (2 of 2)

No. Uom	Manufacturer Mfg. P/N Warranty	Dimensions Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
20 CH	DDB Unlimited OD-50DX 2 Years	50"H x 23"W x 25"D 19" EIA rack rails. Front & rear doors secured w/lock. Cream Powder Finish	1,636.25 106 48.18	1,349.91 1,276.28 1,251.74
71 CH	DDB Unlimited OD-50DD 2 Years	50"H x 23"W x 34"D Adj. side rails, Front & rear doors secured w/lock. Cream Powder Finish	1,897.50 120 54.54	1,565.44 1,480.05 1,451.59
29 CH	DDB Unlimited OD-50DDX 2 Years	50"H x 23"W x 42"D Adj. side rails, Front & rear doors secured w/lock. Cream Powder Finish	2,332.50 135 61.36	1,924.32 1,819.35 1,784.37
06 CH	DDB Unlimited OD-62DX 2 Years	62"H x 23"W x 25"D Adj. side rails, Front & rear doors secured w/lock. Cream Powder Finish	1,768.00 125 56.81	1,458.60 1,379.04 1,352.52
45 CH	DDB Unlimited OD-62PDD 2 Years	62"H x 23"W x 34"D Painted grey adj. siderail Front & rear doors secured w/ lock. Cream Powder Finish	2,180.00 135 61.36	1,798.50 1,700.40 1,667.70
64 CH	DDB Unlimited OD-62DD 2 Years	62"H x 23"W x 34"D Adj. side rails, Front & rear doors secured w/lock. Cream Powder Finish	2,030.00 135 61.36	1,674.75 1,583.40 1,552.95
22 CH	DDB Unlimited OD-62DDX 2 Years	62"H x 23"W x 42"D Adj. side rails, Front & rear doors secured w/lock. Cream Powder Finish	2,505.00 150 68.18	2,066.63 1,953.90 1,916.33
99 CH	DDB Unlimited OD-78DX 2 Years	78"H x 23"W x 25"D Adj. side rails, Front & rear doors secured w/lock. Cream Powder Finish	1,897.50 140 63.63	1,565.44 1,480.05 1,451.59
57 CH	DDB Unlimited OD-78DD 2 Years	78"H x 25"W x 34"D Adj. side rails, Front & rear doors secured w/lock. Cream Powder Finish	2,248.00 155 70.45	1,854.60 1,753.44 1,719.72
15 CH	DDB Unlimited OD-78DDX 2 Years	78"H x 23"W x 42"D For a 19" Rack. Cream Powder Finish	2,750.00 155 70.45	2,268.75 2,145.00 2,103.75
68 CH	DDB Unlimited OD-78DDXAC 2 Years	78"H x 23"W x 42"D with air conditioning built-in Cream Powder Finish	6,973.00 350 159.08	5,752.73 5,438.94 5,334.35
136 CH	DDB Unlimited 5MICRON 2 Years	1 set of 2 filters for front & back door. Wire mesh screen virtually waterproof. 5 MICRON.	78.00 0.17 0.08	64.35 60.84 59.67

loor Cabinets

ST series stackable cabinets feature two built in ventalation screened areas. Four corner HVY. Gauge rail support. Two sets of heavy gauge adjustable horizontal adjustable rails. Left or right mountable front and rear doors. Recessed doors with non-intrusion locking system. Painted with non-RF influenced, textured,scratch resistant powder baked cream finish. Class 250, NEMA 2 rated. Type 3, 3R, 3S, and 4 is available.

uing product table (1 of 2)

No. Uom	Manufacturer Mfg. P/N Warranty	Dimensions Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
53 CH	DDB Unlimited ST-30D 90 Days	30"H x23"Wx17"D Cream Powder Finish	682.00 46 20.91	562.65 531.96 521.73
34 CH	DDB Unlimited ST-30DX 90 Days	30"H x23"Wx25"D Cream Powder Finish	785.50 54 24.54	648.04 612.69 600.91
39 CH	DDB Unlimited ST-30DD 90 Days	30"H x23"Wx34"D Cream Powder Finish	852.50 69 31.36	703.32 664.95 652.17
46 CH	DDB Unlimited ST-42D 90 Days	42"H x23"Wx17"D Assembly required. Cream Powder Finish	757.00 52 23.63	624.53 590.46 579.11
27 CH	DDB Unlimited ST-42DX 90 Days	42"H x23"Wx25"D Cream Powder Finish	956.50 62 28.18	789.12 746.07 731.73
32 CH	DDB Unlimited ST-42DD 90 Days	42"H x23"Wx34"D Cream Powder Finish	1,099.00 70 31.82	906.68 857.22 840.74
97 CH	DDB Unlimited ST-ST30 90 Days	Stacking Kit 30" High Cabinets.	151.25 7 3.18	124.79 117.98 115.71
68 CH	DDB Unlimited ST-ST3042 90 Days	Stacking kit for Stacking 30" cabinet on 42" cabinet.	142.50 19 8.64	117.57 111.15 109.02
90 CH	DDB Unlimited ST-ST42 90 Days	Stacking kit for 42" high cabinets.	161.00 8 3.64	132.83 125.58 123.17
04 CH	DDB Unlimited CA-4 90 Days	Caster Kit (Set of 4)	77.00 6 2.73	63.53 60.06 58.91

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Dimensions Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
41118 1 PAIR	DDB Unlimited R-2-30 90 Days	30" Alodined Rails.	77.00 1 0.45	63.53 60.06 58.91
45589 1 EACH	DDB Unlimited C-17 90 Days	17" replacement top cover.	123.00 7.42 3.37	101.48 95.94 94.10
79511 1 EACH	DDB Unlimited R-2-42 90 Days	42" Alodined rails.	88.00 2 0.91	72.60 68.64 67.32
83982 1 EACH	DDB Unlimited C-34 90 Days	34" replacement top cover.	147.50 10 4.54	121.69 115.05 112.84

W&W MANUFACTURING CO.
WHERE QUALITY IS #1

W & W Manufacturing Co. announces their replacement battery for the M/A-Com Jaguar Radio. Available in 1700 mAh NiCd version and 2700 mAh high-capacity NiMH version.

DDB Cabinet Accessories

DDB Unlimited

Accessories for DDB Unlimited indoor and outdoor enclosures.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Dimensions Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 77543 1 EACH	DDB Unlimited MTDX 2 Years	25" deep 25" deep mounting tray for indoor/outdoor enclosures. Works in OD, ST and POD series enclosures. Cream	87.00 8 3.64	71.78 67.86 66.56
NEW 84252 1 EACH	DDB Unlimited MTDD 2 Years	34" depth 34" deep mounting tray for indoor/outdoor enclosures. Works in OD, ST and POD series enclosures. Cream	102.00 8 3.64	84.15 79.56 78.03
NEW 462169 1 EACH	DDB Unlimited MTDDX 2 Years	42" depth 42" deep mounting tray for indoor/outdoor enclosures. Works in OD, ST and POD series enclosures. Cream	175.00 12 5.45	144.38 136.50 133.88
NEW 25682 1 EACH	DDB Unlimited F-25-115 2 Years	Dual 110 VAC, 220 CFM fan kit with Tempstat controller. Works with OD, ST and POD series enclosures.	312.50 3.15 1.43	257.82 243.75 239.07
NEW 478145 1 EACH	DDB Unlimited F-25-230 2 Years	Dual 230 VAC, 220 CFM fan kit with Tempstat controller. Works with OD, ST and POD series enclosures.	540.00 3.15 1.43	445.50 421.20 413.10
NEW 430121 1 EACH	DDB Unlimited F-25-12 2 Years	Dual 12 VDC, 220 CFM fan kit with Tempstat controller. Works with OD, ST and POD series enclosures.	492.00 2.75 1.25	405.90 383.76 376.38
NEW 462116 1 EACH	DDB Unlimited F-25-24 2 Years	Dual 24 VDC, 220 CFM fan kit with Tempstat controller. Works with OD, ST and POD series enclosures.	492.00 2.75 1.25	405.90 383.76 376.38
NEW 469115 1 EACH	DDB Unlimited F-25-48 2 Years	Dual 48 VDC, 220 CFM fan kit with Tempstat controller. Works with OD, ST and POD series enclosures.	492.00 2.75 1.25	405.90 383.76 376.38
NEW 12468 1 EACH	DDB Unlimited HT600-115 2 Years	600 watt heater board. 110 VAC operation. Works with OD, ST and POD series enclosures.	401.80 20 9.09	331.48 313.40 307.37
NEW 89864 1 EACH	DDB Unlimited AC-2115 2 Years	2000 BTU Air Conditioner Unit. 110 VAC operation. Works with OD and POD series enclosures.	4,220.00 60 27.27	3,481.50 3,291.60 3,228.30

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Coax Protection, General Coverage [350-10]

If you are buying these products, you might need:

Power Meters. . . . . page 1421
Telecom Tools and Accessories . . . . . page 1619
EME Compliance Products . . . . . page 1645
Grounding and Power System Test Equipment . . . . . page 1462

PolyPhaser CORPORATION

Protect all equipment connected to coaxial cables at the entrance to yo communication site with PolyPhase coaxial protectors, entrance panels and grounding accessories.

Citel Coax Surge Protectors

62855

The P8AX series coaxial surge protectors are designed to protect PCS systems, antennas, microwaves, broadband applicaitons, two way, cellular and GPS equipment against lightning surges and electrical transients.

- Utilizes gas tube technology
- Bi-Directional
- Moisture resistant

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Freq. Range Throughput Energy*	Conn. Ant. Side Conn. Equip. Side	Maximum Power @ Frequency	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
458008 1 EACH	Citel, Inc. P8AX09BNCWFF 2 Years	DC to 4 GHz 10 shocks @ 10 KA -- 1 shock @ 20 KA	BNC Female BNC Female	70 watts	76.50 0.17 0.08	76.46 68.82 65.00
62855 1 EACH	Citel, Inc. P8AX09NMF 2 Years	DC to 4 GHz	N Female N Male	50 Watts	110.60 0.2 0.09	110.58 99.53 94.00
62874 1 EACH	Citel, Inc. P8AX09NWFF 2 Years	DC to 4 GHz	NF, NF Bulk Head	50 Watts	111.80 0.2 0.09	111.76 100.59 95.00

Radiall/Larsen Lightning Protectors

429360 453343 475367

Quarter wave stub technology is based on a three-part coaxial device with N female connectors. When lightning strikes, current is instantaneously diverted to the ground through a short circuit mechanism in the stub. The advantage of this technology are no maintenance required and the lowest residual voltage passes through to the equipment.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Freq. Range Throughput Energy*	Conn. Ant. Side Conn. Equip. Side	Maximum Power @ Frequency	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 429360 1 EACH	Radiall/Larsen R445.G00.001 1 Year	824-890 MHz <1 uJ	N Female Bulk-head N Female	900 @1.2kW	43.70 0.38 0.17	28.41 26.22 24.04
NEW 453343 1 EACH	Radiall/Larsen R445.G00.000 1 Year	DC-2.5 GHz	N Female Bulk-head N Female		59.35 0.38 0.17	38.58 35.61 32.65
NEW 475367 1 EACH	Radiall/Larsen R445.999.100 1 Year	DC - 2.5 GHz	Gas Capsules	for R445.G00.000	5.85 0.25 0.11	3.81 3.51 3.22

General Coverage Bulkhead Mount

67184

Bulkhead mounting coaxial protectors attach through a panel of maximum thickness. Device is DC blocked to stop DC continuity and accommodat equipment types. Handles 50 kA max. surge current. Turn on voltage is a inal 600V for L series models and 1200V for H series. Device turns on 2.5 series) or 7ns (H series) after reaching DC threshold. Multi-strike capabil Aluminum enclosure and stainless steel hardware. Choose the protector has the lowest throughput energy for the desired frequency.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Freq. Range Throughput Energy*	Conn. Ant. Side Conn. Equip. Side	Maximum Power @ Frequency	List ($) Wt. (lbs) Wgt. (kg.)	T
15577 1 EACH	PolyPhaser IS-B50LN-C0 10 Years	1.5-400 MHz 10 mJ	N Female N Female	1.5-50@2kW 50-220@375W 220-400@125W	64.95 0.44 0.2	5 5 5
19684 1 EACH	PolyPhaser IS-B50LN-C0-ME 10 Years	1.5-400 MHz 10 mJ	N Female N Male	1.5-50@2kW 50-220@375W 220-400@125W	64.95 0.5 0.23	5 5 5
62713 1 EACH	PolyPhaser ISB50LNCOMA 10 Years	1.5-400 MHz 10 mJ	N Male N Female	1.5-50@2kW 50-220@375W 220-400@125W	64.95 0.35 0.16	5 5 5
65935 1 EACH	PolyPhaser IS-B50LU-C0 10 Years	1.5-400 MHz 10 mJ	UHF Female UHF Female	1.5-50@2kW 50-220@375W 220-400@125W	64.95 0.31 0.14	5 5 5
81647 1 EACH	PolyPhaser IS-B50HN-C0 10 Years	1.5-400 MHz 20 mJ	N Female N Female	1.5-50@3kW 50-220@500W 220-400@250	69.95 0.36 0.16	6 5 5
93612 1 EACH	PolyPhaser IS-B50HU-C0 10 Years	1.5-400 MHz 20 mJ	UHF Female UHF Female	1.5-50@3kW 50-220@500W 220-400@250W	69.95 0.32 0.15	6 5 5
11106 1 EACH	PolyPhaser IS-B50LU-C0-MA 10 Years	1.5-400 MHz 10 mJ	UHF Male UHF Female	1.5-50@2kW 50-220@375W 220-400@125W	64.95 0.35 0.16	5 5 5
30040 1 EACH	PolyPhaser IS-B50HN-C1 10 Years	50-700 MHz 1000 uJ	N Female N Female	50-220@500W 220-400@250W	69.95 0.39 0.18	6 5 5
53970 1 EACH	PolyPhaser IS-B50LN-C1 10 Years	50-700 MHz 600 uJ	N Female N Female	50-220@375W 220-700@125W	64.95 0.39 0.18	5 5 5
86199 1 EACH	PolyPhaser IS-B50HN-C1-MA 10 Years	50-700 MHz 1000 uJ	N Male N Female	50-220@500W 220-400@250W	69.95 0.4 0.18	6 5 5
92363 1 EACH	PolyPhaser IS-B50LN-C1-ME 10 Years	50-700 MHz 600 uJ	N Female N Male	50-220@375W 220-700@125W	64.95 0.39 0.18	5 5 5
27542 1 EACH	PolyPhaser IS-B50LU-C1 10 Years	50-700 MHz 600 uJ	UHF Female UHF Female	50-220@375W 220-700@125W	64.95 0.32 0.15	5 5 5
55219 1 EACH	PolyPhaser IS-B50HU-C1 10 Years	50-700 MHz 1 mJ	UHF Female UHF Female	50-220@500W 220-700@250W	69.95 0.33 0.15	6 5 5
14328 1 EACH	PolyPhaser IS-B50LU-C1-MA 10 Years	50-700 MHz 600 uJ	UHF Male UHF Female	50-220@375W 220-700@125W	64.95 0.4 0.18	5 5 5
80398 1 EACH	PolyPhaser IS-B50HU-C1-MA 10 Years	50-700 MHz 1 mJ	UHF Male UHF Female	50-220@500W 220-700@250W	69.95 0.37 0.17	6 5 5
28791 1 EACH	PolyPhaser IS-B50HU-C1-ME 10 Years	50-700 MHz 1 mJ	UHF Female UHF Male	50-220@500W 220-700@250W	69.95 0.39 0.18	6 5 5
52721 1 EACH	PolyPhaser IS-B50LU-C1-ME 10 Years	50-700 MHz 600 uJ	UHF Female UHF Male	50-220@375W 220-700@125W	64.95 0.39 0.18	5 5 5
43254 1 EACH	PolyPhaser IS-B50HN-C2 10 Years	125-1000 MHz 800 uJ	N Female N Female	125-220@500W 220-700@250W 800-1000@125W	69.95 0.38 0.17	6 5 5
67184 1 EACH	PolyPhaser IS-B50LN-C2 10 Years	125-1000 MHz 220 uJ	N Female N Female	125-220@375W 220-700@125W 800-1000@50W	64.95 0.36 0.16	5 5 5
40756 1 EACH	PolyPhaser IS-B50LN-C2-MA 10 Years	125-1000 MHz 220 uJ	N Male N Female	125-220@375W 220-700@125W 800-1000@50W	64.95 0.39 0.18	5 5 5

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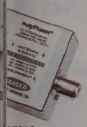
ng product table (2 of 2)

Manufacturer Mfg. P/N Warranty	Freq. Range Throughput Energy*	Conn. Ant. Side Conn. Equip. Side	Maximum Power @ Frequency	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
PolyPhaser IS-B50HN-C2-MA 10 Years	125-1000 MHz 800 uJ	N Male N Female	125-220@500W 220-700@250W 800-1000@125W	69.95 0.34 0.15	61.56 57.36 54.57
PolyPhaser IS-B50HN-C2-ME 10 Years	125-1000 MHz 800 uJ	N Female N Male	125-220@500W 220-700@250W 800-1000@125W	69.95 0.39 0.18	61.56 57.36 54.57

ated Bulkhead Mount

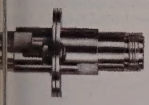


57019

These isolated equipment port coaxial protectors provide the highest level of protection. It features not only a DC block for the center conductor, but also blocks the shield's surge energy from going to your equipment chassis. This prevents ground loops and allows proper single point grounding.

Manufacturer Mfg. P/N Warranty	Freq. Range Throughput Energy*	Conn. Ant. Side Conn. Equip. Side	Maximum Power @ Frequency	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
PolyPhaser IS-IE50LN-C2 10 Years	125-1000 MHz 220 uJ	N Female N Female	VHF@375W UHF@125W 800-1000@50W	129.95 1 0.45	114.36 106.56 101.37

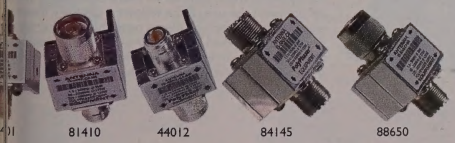
eral Coverage Bulkhead Mount



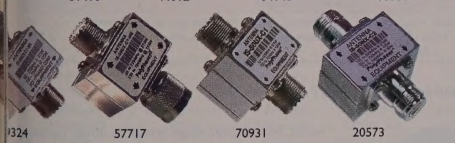
15632

Manufacturer Mfg. P/N Warranty	Freq. Range Throughput Energy*	Conn. Ant. Side Conn. Equip. Side	Maximum Power @ Frequency	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
RFS Celwave PD395 5 Years	25-1000 MHz	N Female N Female	500W	52.00 0.32 0.15	40.04 39.00 37.96
RFS Celwave PD593 5 Years	25-500 MHz	UHF Female UHF Female	1000 W	30.00 0.14 0.06	22.86 22.50 22.05

eral Coverage Flange Mount



81410 44012 84145 88650



324 57717 70931 20573

mounting coaxial protectors bolt to a flat surface and require no permanent hole. is DC blocked to stop DC continuity and accommodate all equipment types. Handles max. surge current. Turn on voltage is a nominal 600V. Device turns on 2.5ns after ng DC threshold. Capable of withstanding multiple strikes. Features aluminum enclosure ainless steel hardware. Choose the protector which has the lowest throughput energy desired frequency.

g product table (1 of 2)

Manufacturer Mfg. P/N Warranty	Freq. Range Throughput Energy*	Conn. Ant. Side Conn. Equip. Side	Maximum Power @ Frequency	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
PolyPhaser IS-50NX-C0 10 Years	1.5-400 MHz 10 mJ	N Female N Female	1.5-50@2kW 50-220@375W 220-400@125W	61.95 0.39 0.18	54.52 50.80 48.33
PolyPhaser IS-50NX-C0-MA 10 Years	1.5-400 MHz 10 mJ	N Male N Female	1.5-50@2kW 50-220@375W 220-400@125W	61.95 0.36 0.16	54.52 50.80 48.33
PolyPhaser IS-50NXCOME 10 Years	1.5-400 MHz 10 mJ	N Female N Male	1.5-50@2kW 50-220@375W 220-400@125W	61.95 0.5 0.23	54.52 50.80 48.33

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Freq. Range Throughput Energy*	Conn. Ant. Side Conn. Equip. Side	Maximum Power @ Frequency	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
84145 1 EACH	PolyPhaser IS-50UX-C0 10 Years	1.5-400 MHz 10 mJ	UHF Female UHF Female	1.5-50@2kW 50-220@375W 220-400@125W	61.95 0.28 0.13	54.52 50.80 48.33
88650 1 EACH	PolyPhaser IS-50UX-C0-MA 10 Years	1.5-400 MHz 10 mJ	UHF Male UHF Female	1.5-50@2kW 50-220@375W 220-400@125W	61.95 0.33 0.15	54.52 50.80 48.33
85394 1 EACH	PolyPhaser IS-50NX-C1 10 Years	50-700 MHz 600 uJ	N Female N Female	50-220@375W 220-700@125W	61.95 0.35 0.16	54.52 50.80 48.33
33787 1 EACH	PolyPhaser IS-50NX-C1-MA 10 Years	50-700 MHz 600 uJ	N Male N Female	50-220@375W 220-700@125W	61.95 0.36 0.16	54.52 50.80 48.33
72180 1 EACH	PolyPhaser IS-50NX-C1-ME 10 Years	50-700 MHz 600 uJ	N Female N Male	50-220@375W 220-700@125W	61.95 0.4 0.18	54.52 50.80 48.33
19324 1 EACH	PolyPhaser IS-50UX-C1-MA 10 Years	50-700 MHz 600 uJ	UHF Male UHF Female	50-220@375W 220-700@125W	61.95 1 0.45	54.52 50.80 48.33
57717 1 EACH	PolyPhaser IS-50UX-C1-ME 10 Years	50-700 MHz 600 uJ	UHF Female UHF Male	50-220@375W 220-700@125W	61.95 0.36 0.16	54.52 50.80 48.33
70931 1 EACH	PolyPhaser IS-50UX-C1 10 Years	50-700 MHz 600 uJ	UHF Female UHF Female	50-220@375W 220-700@125W	61.95 0.28 0.13	54.52 50.80 48.33
20573 1 EACH	PolyPhaser IS-50NX-C2 10 Years	125-1000 MHz 220 uJ	N Female N Female	125-220@375W 220-700@125W 800-1000@50W	61.95 0.34 0.15	54.52 50.80 48.33
58966 1 EACH	PolyPhaser IS-50NX-C2-MA 10 Years	125-1000 MHz 220 uJ	N Male N Female	125-220@375W 220-700@125W 800-1000@50W	61.95 0.35 0.16	54.52 50.80 48.33
97359 1 EACH	PolyPhaser IS-50NX-C2-ME 10 Years	125-1000 MHz 220 uJ	N Female N Male	125-220@375W 220-700@125W 800-1000@50W	61.95 0.35 0.16	54.52 50.80 48.33

Quarter-Wave Shorted Stub

411372

41215

A quarter-wave device is a short from the coaxial center to the outer conductor. Based on quarter-wave theory, the device operates as a bandpass filter by passing desired frequencies with extremely low return losses (LE 26dB) while shorting all other frequencies, including the range for lightning to ground. These units withstand currents up to 92.9 ka (DIN-type) and 47.9 ka (N-type) at 800 kv. QWS offers optimum, maintenance-free protection.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Freq. Range Throughput Energy*	Conn. Ant. Side Conn. Equip. Side	Maximum Power @ Frequency	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **411372** 1 EACH	Radiall/Larsen R445.G00.000 1 Year	1710-1990 MHz <1 uJ	N Female Bulk-head N Female	1710-1990 @0.8kW	39.60 0.38 0.17	25.74 23.76 21.78
41215 1 EACH	Northern Tech. QWS 860N 1 Year	810-910MHZ GT. 1uJ	N Male N Female	810-910@5kW	120.00 0.22 0.1	119.40 114.60 112.80
79608 1 EACH	Northern Tech. QWS 860DIN 1 Year	810-910MHZ GT. 1uJ	DIN Male DIN Female	810-910@5kW	120.00 0.22 0.1	119.40 114.60 112.80
94894 1 EACH	Northern Tech. QWS 920DIN 1 Year	870-970 MHz GT. 1uJ	DIN Male DIN Female	870-970@5kW	120.00 0.22 0.1	119.40 114.60 112.80
78359 1 EACH	Northern Tech. QWS 920N 1 Year	870-970 MHz GT. 1uJ	N Male N Female	870-970@5kW	120.00 0.22 0.1	119.40 114.60 112.80
32197 1 EACH	Northern Tech. QWS 1910DIN 10 Years	1850-1990 MHz GT 1uJ	DIN Female DIN Male	5kW @ 1850-1990 MHz	120.00 1.85 0.84	119.40 114.60 112.80

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Quarter-Wave Shorted Stub

16510 90273 44411 54903

Series 3400 protectors consist of a coaxial transmission line & an optimised 1/4 wave shorting stub, which is located between the center conductor and outer conductor. These protectors are designed as coaxial feed-throughs. A V-groove washer made of soft copper ensures that a low contact resistance between connector body and mounting wall is achieved.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Freq. Range Throughput Energy*	Conn. Ant. Side Conn. Equip. Side	Maximum Power @ Frequency	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
16510 1 EACH	Huber + Suhner 3400.17.0024 1 Year	820-960 MHz <1 uJ	N Female N Female	820-960@2kW	106.40 0.38 0.17	106.36 104.24 103.17
44525 1 EACH	Huber + Suhner 3400.17.00235 1 Year	5000-7000 GHz <1 uJ	N Female N Female	820-960@2kW	151.85 0.38 0.17	151.82 148.79 147.27
56761 1 EACH	Huber + Suhner 3400.17.00241 1 Year	1700-2000 MHz <1 uJ	N Female N Female	1700-2000@2kW	137.80 0.38 0.17	137.76 135.01 133.63
90273 1 EACH	Huber + Suhner 3400.17.0097 1 Year	820-960 MHz <1 uJ	N Female N Male	820-960@2kW	144.10 0.22 0.1	144.08 141.20 139.76
44411 1 EACH	Huber + Suhner 3400.00.0173 10 Years	806-945	DIN/M N/F bulkhead	806-945@1 kW	203.60 0.38 0.17	203.57 199.50 197.47
54903 1 EACH	Huber + Suhner 3400.17.0058 1 Year	820-960 MHz <1 uJ	N Female N Male	820-960@2kW (Short Stub)	206.55 0.22 0.1	206.53 202.40 200.34
82857 1 EACH	Huber + Suhner 3400.41.0018 1 Year	824-960 MHz <1 uJ	7/16" DIN Female 7/16 DIN Female	824-960@2kW	158.00 1 0.45	158.00 154.84 153.26
95548 1 EACH	Huber + Suhner 3400.41.0108 1 Year	824-960 MHz <1 uJ	7/16" DIN Female 7/16 DIN Female	824-960@2kW	185.60 0.38 0.17	185.59 181.88 180.03

Coaxial Surge Suppressor

35893

Inline coaxial surge suppressor with Silicon Avalanche Diode as primary Technology. Features 18" 16 guage stranded copper ground wire. BNC connectors. Peak pulse power 66 joules. Response time 5 nanoseconds or less.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Freq. Range Throughput Energy*	Conn. Ant. Side Conn. Equip. Side	Maximum Power @ Frequency	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
35893 1 EACH	Northern Tech. TCS-CP-1B 1 Year	up to 100MHz	BNC Female BNC Male	500W	86.70 0.14 0.06	86.24 82.77 81.47
NEW 424393 1 EACH	Teletronics Int'l Inc. 17-503 1 Year	1900 - 2400 Mhz	N Female N Female	200W	65.00 0.14 0.06	64.68 62.08 61.10

Coax Protection, Repl. Gas Capsule [350-11]

If buying these, you might need:

Grounding and Power System Test Equipment . . . . . .page 1462

DC-1 GHz Protectors

Series 3401 protectors consist of a coaxial transmission line which includes a surge arrestor capsule between center and outer conductors. These protectors are designed as coaxial feedthroughs. Bulkhead mounting. The gas capsules are rated by maximum RF power and are purchased separately. The capsules are interchangable without special tools. The protectors are optimised for operation from DC to 1 GHz with N connectors; DC to 300 MHz with UHF connectors.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector (Equipment) Connector (Antenna)	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
80082 1 EACH	Huber + Suhner 3401.17A 1 Year	N Female N Female	Requires gas capsule. Choose from selection below.	90.05 0.22 0.1	90.01 88.21 87.31
28475 1 EACH	Huber + Suhner 3401.17C 1 Year	N Female N Male	Requires gas capsule. Choose from selection below.	90.05 0.22 0.1	90.01 88.21 87.31

Continuing product table (2 of 2)

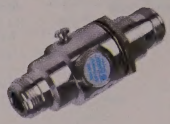
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector (Equipment) Connector (Antenna)	Description	List ($) Wt. (lbs) Wgt. (kg.)
17895 1 EACH	Huber + Suhner 3401.00.0008 1 Year	F Female F Female	Requires gas capsule. Choose from selection below.	133.20 0.22 0.1

Waterproof DC-1 GHz Protectors

For systems which have to be more than splash proo recommend the use of the following specially develo waterproof protectors. Please note these protectors waterproofed when connected with suitable mating tors. The surge arrestor capsule holder is secured by of a chain to the main body of the device.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector (Equipment) Connector (Antenna)	Description	List ($) Wt. (lbs) Wgt. (kg.)
66868 1 EACH	Huber + Suhner 3401.17K 1 Year	N Female N Female	Requires gas capsule. Choose from selection below.	140.60 0.22 0.1

DC-2.5 GHz Protectors



Series 3402 protectors consist of a coaxial transmiss which includes a surge arrestor capsule between cen outer conductors. These protectors are designed as feedthroughs. Bulkhead mounting. The gas capsules ar by maximum RF power and are purchased separately capsules are interchangable without special tools. The tors are optimised for operation from DC to 2.5 GH and 7/16 DIN connectors.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector (Equipment) Connector (Antenna)	Description	List ($) Wt. (lbs) Wgt. (kg.)
40830 1 EACH	Huber + Suhner 3402.41.0002 5 Years	DIN Female DIN Male	Requires gas capsule. Choose from selection below.	249.65 0.26 0.12
77855 1 EACH	Huber + Suhner 3402.17A 1 Year	N Female N Female	Requires gas capsule. Choose from selection below.	102.60 0.26 0.12
26248 1 EACH	Huber + Suhner 3402.17C 1 Year	N Female N Male	Requires gas capsule. Choose from selection below.	102.60 0.31 0.14

Waterproof DC-2.5 GHz Protectors

For systems which have to be more than splash proo recommend the use of the following specially develop waterproof protectors. Please note these protectors a waterproofed when connected with suitable mating c tors. The surge arrestor capsule holder is secured by of a chain to the main body of the device.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector (Equipment) Connector (Antenna)	Description	List ($) Wt. (lbs) Wgt. (kg.)
64641 1 EACH	Huber + Suhner 3402.17K 1 Year	N Female N Female	Requires gas capsule. Choose from selection below.	151.45 0.28 0.13

Gas Capsules- Series 3401 and 3402

Series 3401 & 3402 surge arrestors utilize replaceable capsules that have various static spark over voltage ra Which capsule to use depends on the amount of perr RF power and the acceptable amount of reflected pov power ratings listed below are based on a VSWR of 1 or better. Choose appropriate capsule based on maxi power of your system.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector (Equipment) Connector (Antenna)	Description	List ($) Wt. (lbs) Wgt. (kg.)
480012 1 EACH	Huber + Suhner 73 Z 0-0-448 1 Year	N/A N/A	Use for receive only or transmitters up to 20 watts.	11.50 0.01 0
19605 1 EACH	Huber + Suhner 73 Z 0-0-47 1 Year	N/A N/A	Use for power levels of 20 to 110 watts.	8.95 0.01 0
57998 1 EACH	Huber + Suhner 73 Z 0-0-49 1 Year	N/A N/A	Use for power levels of 100 to 300 watts.	8.95 0.1 0.05

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g product table (2 of 2)

Manufacturer Mfg. P/N Warranty	Connector (Equipment) Connector (Antenna)	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Huber + Suhner 73 Z 0-0-50 1 Year	N/A N/A	Use for power levels of 300 to 500 watts.	8.95 1 0.45	8.92 8.75 8.66
Huber + Suhner 73 Z 0-0-51 1 Year	N/A N/A	Use for power levels of 500 to 800 watts.	8.95 0.01 0	8.92 8.75 8.66
Huber + Suhner 73 Z 0-0-54 1 Year	N/A N/A	Use for power levels of 3000 to 5000 watts.	8.95 0.1 0.05	8.92 8.75 8.66

2.4 GHz Gas Capsule Protector

Manufacturer Mfg. P/N Warranty	Connector (Equipment) Connector (Antenna)	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
PolyPhaser RGT-ME 10 Years	N Male N Female	Includes replaceable gas capsule.	69.95 0.31 0.14	61.56 57.36 54.57
PolyPhaser RGT 1 Year	N Female N Female	Includes replaceable gas capsule.	69.95 0.75 0.34	61.56 57.36 54.57
PolyPhaser RGT-KIT-GASTUBE 1 Year	N/A N/A	Replaceable gas capsule. Includes washer & O-ring.	7.95 0.02 0.01	7.00 6.52 6.21

Coax Protection, NEMP [350-12]

f you are buying these, you might need:

Wrenches. . . . . page 1581

head Mount Protectors

Arrestors rated for EMP as well as lightning protection. Attaches through bulkhead panel of max. 1/4" thickness. Device is DC blocked, allowing compatibility with all equipment types. Handles max. 50kA surge current. Turns on at nominal 330Vdc, activates 1.5 ns after reaching DC threshold. Capable of withstanding multiple strikes. Features aluminum enclosure and stainless steel hardware. Choose device with lowest throughput energy for desired frequency range.

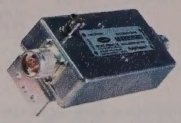
Manufacturer Mfg. P/N Warranty	Freq. Range Throughput Energy*	Conn. Ant. Side Conn. Equip. Side	Maximum Power @ Frequency	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
PolyPhaser IS-NEMP-C0 10 Years	1.5-400 MHz 1.1 mJ	N Female N Female	1.5-50MHz/ 500W 50-220MHz/200W 220-400MHz/ 100W	96.95 0.36 0.16	85.32 79.50 75.63
PolyPhaser IS-NEMP-C1 10 Years	50-700 MHz 313 mJ	N Female N Female	VHF 200W, UHF 100W	96.95 0.66 0.3	85.32 79.50 75.63
PolyPhaser IS-NEMP-C2 10 Years	125-1000 MHz 250 mJ	N Female N Female	125-220MHz/ 200W 220-700MHz/100W 700-1000MHz/ 50W	96.95 0.37 0.17	85.32 79.50 75.63
PolyPhaser IS-NEMP-C2-MA 10 Years	125-1000 MHz 250 mJ	N Male N Female	125-220MHz/ 200W 220-700MHz/100W 700-1000MHz/ 50W	96.95 0.38 0.17	85.32 79.50 75.63
PolyPhaser IS-NEMP-C2-ME 10 Years	125-1000 MHz 250 mJ	N Female N Male	125-220MHz/ 200W 220-700MHz/100W 700-1000MHz/ 50W	96.95 0.38 0.17	85.32 79.50 75.63

Coax Protection, Combiner [350-14]

If you are buying these, you may need:

Power Meters . . . . . page 1421

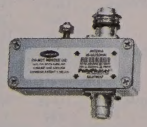
Bulkhead Mount Combiner Protectors



Lightning arrestor accommodates the high power and peak voltages in combiner applications. Mounts through bulkhead panel of max. 1/4" thickness. DC blocking ensures compatibility with equipment. Handles 20kA surge current. Turns on at 1200Vdc, activates 7ns (IS-UT) or 2.5ns (IS-CT/PT) after reaching DC threshold. Max peak voltage of all combined waveforms is 1200V for UHF models, 1800V for cell/paging models. Multi-strike, aluminum enclosure, stainless steel hardware. Choose device with lowest throughput.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Freq. Range Throughput Energy*	Conn. Ant. Side Conn. Equip. Side	Maximum Power (Watts)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
41480 1 EACH	PolyPhaser IS-UT50HN-B 10 Years	450-512 MHz 250 nJ	N Female N Female	750 Watts	130.95 2.37 1.08	115.24 107.38 102.15
50710 1 EACH	PolyPhaser ISUT50HNBME 10 Years	450-512 MHz 250 nJ	N Female N Male	750 Watts	130.95 2.5 1.14	115.24 107.38 102.15
68695 1 EACH	PolyPhaser IS-CS50HN-B 10 Years	800-900 MHz 6.5 nJ	N Female N Female	750 Watts	111.95 0.69 0.31	98.52 91.80 87.33
17088 1 EACH	PolyPhaser ISCS50HNBMA 10 Years	800-900 MHz 6.5 nJ	N Male N Female	750 Watts	111.95 0.69 0.31	98.52 91.80 87.33
64686 1 EACH	PolyPhaser IS-CT50HN-B 10 Years	800-900 MHz 15 nJ	N Female N Female	750 Watts	111.95 0.71 0.32	98.52 91.80 87.33
36285 1 EACH	PolyPhaser ISCT50HNBMA 10 Years	800-900 MHz 15 nJ	N Male N Female	750 Watts	111.95 0.71 0.32	98.52 91.80 87.33
55943 1 EACH	PolyPhaser IS-PT50HN-B 10 Years	890-980 Mhz 15 nJ	N Female N Female	750 Watts	111.95 0.6 0.27	98.52 91.80 87.33
36120 1 EACH	PolyPhaser ISPT50HNBMA 10 Years	890-980 Mhz 15 nJ	N Male N Female	750 Watts	111.95 0.6 0.27	98.52 91.80 87.33

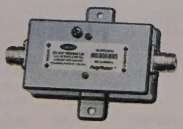
Bulkhead Mount Combiner Protectors



Lightning arrestor accommodates the high power and peak voltages in combiner applications. Mounts through bulkhead panel of max. 1/4" thickness. DC blocking ensures compatibility with equipment. Handles 50kA surge current. Turns on at 1800Vdc, activates 15ns after reaching DC threshold. Maximum peak voltage of all combined waveforms is 1200V. Features multi-strike capability, aluminum enclosure and stainless steel hardware. Choose device with lowest throughput energy for desired frequency.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Freq. Range Throughput Energy*	Conn. Ant. Side Conn. Equip. Side	Maximum Power (Watts)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
79873 1 EACH	PolyPhaser IS-VU50HN 10 Years	50-550 MHz 2.23 mJ	N Female N Female	750 Watts	111.95 0.5 0.23	98.52 91.80 87.33
22326 1 EACH	PolyPhaser IS-VU50HN-MA 10 Years	50-550 MHz 2.23 mJ	N Male N Female	750 Watts	111.95 1 0.45	98.52 91.80 87.33

"No Gas Tube" Combiner Protectors



Used for combined transmit/receive applications in the 800-960 MHz range, these maintenance free protectors contain no gas tubes. VSWR is less than 1.1 to 1 and insertion loss is less than 0.1dB.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Freq. Range Throughput Energy*	Conn. Ant. Side Conn. Equip. Side	Maximum Power (Watts)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
86290 1 EACH	PolyPhaser IS-CF50HN 10 Years	800-900 MHz 5.0 pJ	N Female N Female	750 Watts	99.95 1 0.45	87.96 81.96 77.97

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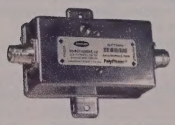
Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Freq. Range Throughput Energy*	Conn. Ant. Side Conn. Equip. Side	Maximum Power (Watts)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 61939 1 EACH	PolyPhaser IS-CF50HN-MA 10 Years	800-900 MHz 5.0 pJ	N Male N Female	750 Watts	99.95 0.69 0.31	87.96 81.96 77.97
33434 1 EACH	PolyPhaser IS-PF50HN 10 Years	890-960 MHz 5.0 pJ	N Female N Female	750 Watts	99.95 0.65 0.3	87.96 81.96 77.97
46085 1 EACH	PolyPhaser IS-PF50HN-MA 10 Years	890-960 MHz 5.0 pJ	N Male N Female	750 Watts	99.95 1 0.45	87.96 81.96 77.97

Flange Mount Combiner Protectors



Arrestor accommodates the high power and peak voltages in combiner applications. Mounts to a flat surface via bolts and requires no large permanent holes. DC blocking ensures compatibility with equipment. Handles 20kA surge current. Turns on at 1200Vdc, activates 7ns (IS-UT) or 2.5ns (IS-CT/PT) after reaching DC threshold. Max peak voltage of all combined waveforms is 1200V for UHF models, 1800V for cell/paging models. Multi-strike, aluminum enclosure, stainless steel hardware. Choose device with the lowest throughput.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Freq. Range Throughput Energy*	Conn. Ant. Side Conn. Equip. Side	Maximum Power (Watts)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
93087 1 EACH	PolyPhaser IS-UT50HN 10 Years	450-512 MHz 250 nJ	N Female N Female	750 Watts	130.95 2.17 0.99	115.24 107.38 102.15
68467 1 EACH	PolyPhaser IS-UT50HN-MA 10 Years	450-512 MHz 250 nJ	N Male N Female	750 Watts	130.95 2.22 1.01	115.24 107.38 102.15
26293 1 EACH	PolyPhaser IS-CT50HN 10 Years	800-900 MHz 15 nJ	N Female N Female	750 Watts	111.95 0.69 0.31	98.52 91.80 87.33
51472 1 EACH	PolyPhaser IS-CT50HN-MA 10 Years	800-900 MHz 15 nJ	N Male N Female	750 Watts	111.95 0.71 0.32	98.52 91.80 87.33
77525 1 EACH	PolyPhaser IS-CT50HD 10 Years	800-900 MHz 15 nJ	7/16 DIN Female 7/16 DIN Female	750 Watts	156.95 0.69 0.31	138.12 128.70 122.43
89865 1 EACH	PolyPhaser IS-CT50HN-ME 10 Years	800-900 MHz 15 nJ	N Female N Male	750 Watts	111.95 0.7 0.32	98.52 91.80 87.33
17550 1 EACH	PolyPhaser IS-PT50HN 10 Years	890-980 Mhz 15 nJ	N Female N Female	750 Watts	111.95 0.67 0.3	98.52 91.80 87.33
26356 1 EACH	PolyPhaser IS-PT50HD 10 Years	890-980 Mhz 15 nJ	7/16 DIN Female 7/16 DIN Female	750 Watts	156.95 0.69 0.31	138.12 128.70 122.43
75612 1 EACH	PolyPhaser IS-PT50HD-MA 10 Years	890-980 Mhz 15 nJ	7/16 DIN Male 7/16 DIN Female	750 Watts	156.95 1 0.45	138.12 128.70 122.43
95420 1 EACH	PolyPhaser IS-PT50HN-MA 10 Years	890-980 Mhz 15 nJ	N Male N Female	750 Watts	111.95 0.69 0.31	98.52 91.80 87.33
43161 1 EACH	PolyPhaser IS-PT50HN-ME 10 Years	890-980 Mhz 15 nJ	N Female N Male	750 Watts	111.95 1 0.45	98.52 91.80 87.33

Flange Mount Protectors with Tap

Sampler tap provides access for on-air testing of cables without removing the protector. The port is buffered by a parallel tuned circuit which provides a minimum of 20dB attenuation to the transmit signals. Sampler port is a BNC female.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Freq. Range Throughput Energy*	Conn. Ant. Side Conn. Equip. Side	Maximum Power (Watts)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
43503 1 EACH	PolyPhaser IS-CS50HN 10 Years	800-900 MHz 6.5 nJ	N Female N Female	750 Watts	111.95 0.69 0.31	98.52 91.80 87.33
90910 1 EACH	PolyPhaser IS-CS50HN-MA 10 Years	800-900 MHz 6.5 nJ	N Male N Female	750 Watts	111.95 1 0.45	98.52 91.80 87.33

Coax Protection, Filtered & Grounded [350-1

Bulkhead Mount Arrestors

Filtered and grounded coaxial protectors for GaAs receivers and low powered transmitters from 20MH GHz. Four pole filter further attenuates strike energ grounded on equipment port for less strike noise. surge, 90 volt turn-on, 4ns for 2kV/ns turn-on time. bandwidth, multi-strike capability. Aluminum enclosu silver plated N connectors and gold center pins.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Freq. Range Throughput Energy*	Conn. Ant. Side Conn. Equip. Side	List ($) Wt. (lbs) Wgt. (kg.)
22546 1 EACH	PolyPhaser IS-GF50LN 10 Years	80-900 MHz 150 pJ	N Female N Female	99.95 0.39 0.18
60939 1 EACH	PolyPhaser IS-GF50LN-MA 10 Years	80-900 MHz 150 pJ	N Male N Female	99.95 0.41 0.19
96542 1 EACH	PolyPhaser IS-GF50LN-ME 10 Years	80-900 MHz 150 pJ	N Female N Male	99.95 0.41 0.19

Tower Top Amplifier Protection [350-18]

GX Series DC Pass Protectors

440389

Designed to protect sensitive Tower Top Electronics, shelter based El ics or active antennas where dc voltage is required, the GX Series is strike capable, fully weatherized and provides the industryos lowest put energy. Engineered for dc voltage applications, the GX Series ini protection at 15% above operating voltage, resulting in extremely lo throughput voltage and throughput energy levels. Applications includ ial cable installations when dc is required to pass through a lightning tion device in route to powering shelter-based Electronics or as a bia when inserting or extracting dc voltages at the equipment level is a r ment.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Freq. Range Throughput Energy*	Conn. Ant. Side Conn. Equip. Side	Inject, Pick, or Both Maximum DC	List ($) Wt. (lbs) Wgt. (kg.)
NEW 417383 1 EACH	PolyPhaser DGXZ+06NFNM 10 Years	800-2500 MHz 175uJ	N Female N Male	DC Pass 6Vdc	94.95 0.8 0.36
NEW 440389 1 EACH	PolyPhaser DGXZ+15NFNF 10 Years	800-2500 MHz 550 uJ	N Female N Female	Pass 15V	94.95 0.8 0.36
NEW 475398 1 EACH	PolyPhaser DGXJ+15NFNF 10 Years	800-2500 MHz 25 uJ	N Female N Female	Both 15V	94.95 0.8 0.36

Pickor Bulkhead Mount Protector

50223

Arrestor separates supply voltage and RF signal for optimal prote For receive only applications where a facility needs protection or injected supply voltage is present. Mounts through panel of max. thickness. Handles 18kA surge current. Turns on at 17Vdc, activat after reaching DC threshold. Features multi-strike capability, alum enclosure, and stainless steel hardware. Choose device for supply present. Let through DC port is +26Vp, -23Vp open circuit +/- 1 20.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Freq. Range Throughput Energy*	Conn. Ant. Side Conn. Equip. Side	Inject, Pick, or Both Maximum DC	List ($) Wt. (lbs) Wgt. (kg.)
19513 1 EACH	PolyPhaser IS-DC50LNZ+20 10 Years	400-960 MHz RF: 255 uJ	N Female N Female	Inject/ pick 15V	99.95 1 0.45
50223 1 EACH	PolyPhaser IS-DC50LNZ+15 10 Years	400-960 MHz RF: 294 uJ	N Female N Female	Inject/ pick 15V	99.95 0.49 0.22
37009 1 EACH	PolyPhaser ISDC50LNZ15MA 10 Years	400-960 MHz RF: 294 uJ	N Male N Female	Inject/ pick 15V	104.95 0.51 0.23

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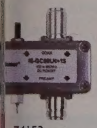
ector Bulkhead Mount Protector

63437

Protector injects a DC voltage onto the coax to supply or control remote equipment. Typical application is a receive-only site where a tower top preamp requires DC. Mounts through bulkhead panel of max. 1/4" thickness. Handles 18kA surge current. Turns on at 17Vdc, activates 4 ns after reaching DC threshold. Features multi-strike capability, aluminum enclosure, and solid state hardware.

o. m	Manufacturer Mfg. P/N Warranty	Freq. Range Throughput Energy*	Conn. Ant. Side Conn. Equip. Side	Inject, Pick, or Both Maximum DC	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37 H	PolyPhaser IS-DC50LN+15 10 Years	400-960 MHz RF:49 nJ, DC:730 uJ	N Female N Female	Inject 15V max.	99.95 0.51 0.23	87.96 81.96 77.97

koff Bulkhead Mount Arrestor



74153

Protector picks off DC from coax on which it was injected. Suits receive only applications where a tower top amplifier needs a DC supply. Mounts through bulkhead panel of max. 1/4" thickness. Handles 18kA surge current. Turns on at 17Vdc, activates 4ns after reaching DC threshold. Features multi-strike capability, aluminum enclosure, and stainless steel hardware. Let through DC port is +26Vp, -23Vp open circuit +/- 10kA 8/20.

o. m	Manufacturer Mfg. P/N Warranty	Freq. Range Throughput Energy*	Conn. Ant. Side Conn. Equip. Side	Inject, Pick, or Both Maximum DC	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
3 H	PolyPhaser IS-GC50LN+15 10 Years	400-960 MHz RF: .78uJ, DC:2.14 mJ	N Female N Female	Pickoff 15V	99.95 0.8 0.36	87.96 81.96 77.97

S Series Protectors

452364

o. m	Manufacturer Mfg. P/N Warranty	Freq. Range Throughput Energy*	Conn. Ant. Side Conn. Equip. Side	Inject, Pick, or Both Maximum DC	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
V 54 H	PolyPhaser MDS+24FF 10 Years	800-2500 MHz 400uJ	F Female F Female	DC Pass +24VDC	79.95 0.8 0.36	70.36 65.56 62.37

Microwave Protection [350-19]

If you are buying these, you might need:

Wrenches.....page 1581
Screwdriver Sets.....page 1589

rew Arrestor Plus T-Series

The Arrestor Plus T-Series surge arrestor provides excellent lightning protection and outstanding RF performance, in a compact design, that is ideal for confined apl-lications, indoors or outdoors. The Arrestor Plus T-Series is supplied with a grounding stud which allows direct attactment to a ground lead or bus bar.

33
act profile ideal for installation in tight spaces
ent microwave performance. Low VSWR, isertion loss
veatherproof

- Easy installation
- Available with Type N or Din interfaces

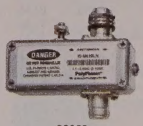
ng product table (1 of 2)

o. m	Manufacturer Mfg. P/N Warranty	Freq. Range Throughput Energy*	Conn. Ant. Side Conn. Equip. Side	Maximum Power (Watts)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
3 H	Andrew Corporation APT-NFNM-1 10 Years	824 - 960 MHz < than 1 mJ	N Female or N Male N Female or N Male	600 Watts	153.00 0.75 0.34	110.93 103.28 95.63
1 H	Andrew Corporation APT-NFNF-6 10 Years	800 - 870 MHz < than 1 mJ	N Female to N Female N Female to N Female	600 Watts	153.00 0.95 0.43	110.93 103.28 95.63

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Freq. Range Throughput Energy*	Conn. Ant. Side Conn. Equip. Side	Maximum Power (Watts)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 498131 1 EACH	Andrew Corporation APT-DFDM-2 10 Years	824-900 MHz < than 1 mJ	7/16 Din Female or 7/16 Din Male 7/16 Din Female or 7/16 Din Male	3000 Watts	163.20 1.2 0.55	118.32 110.16 102.00
NEW 479180 1 EACH	Andrew Corporation APTDC-BDFDF-WB 10 Years	800-2400 MHz < than 1 mJ	7/16 Din Female or 7/16 Din Male 7/16 Din Female or 7/16 Din Male	3.0kW	200.00 1.2 0.55	145.00 135.00 125.00

Bulkhead Mount Protectors



98083

Lightning/NEMP protectors operate at microwave frequencies,used in applications such as transmit/receive point to point links and broadcast. Mounts through bulkhead panel of max. 1/4" thickness. DC blocking ensures compatibility with equipment. Handles 20kA surge current. Turns on at 600Vdc, activates 2.5 ns after reaching DC threshold. Features multi-strike capability, aluminum enclosure and stainless steel hardware.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Freq. Range Throughput Energy*	Conn. Ant. Side Conn. Equip. Side	Maximum Power (Watts)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
67286 1 EACH	PolyPhaser IS-MR50LN 10 Years	.980 - 1.8 GHz 4 uJ	N Female N Female	100W	101.95 0.5 0.23	89.72 83.60 79.53
81256 1 EACH	PolyPhaser IS-MR50MDZ+15 10 Years	1.2-2 GHz less 0.5uJ @ 3kA	7/16 DIN Female 7/16 DIN Female	300 Watts	156.95 1 0.45	138.12 128.70 122.43
20906 1 EACH	PolyPhaser IS-MR50MDZ-ME 10 Years	1.2-2 GHz less 0.5uJ @ 3kA	7/16 DIN Female 7/16 DIN Male	300 Watts	161.95 0.5 0.23	142.52 132.80 126.33
72513 1 EACH	PolyPhaser ISMR50MDZMA 10 Years	1.2-2 GHz less 0.5uJ @ 3kA	7/16 DIN Male 7/16 DIN Female	300 Watts	156.95 0.5 0.23	138.12 128.70 122.43
98083 1 EACH	PolyPhaser IS-ML50LN 10 Years	1.7 - 2.0 GHz 15 uJ	N Female N Female	100W	101.95 0.5 0.23	89.72 83.60 79.53
65656 1 EACH	PolyPhaser IS-ML50LN-MA 10 Years	1.7 - 2.0 GHz 15 uJ	N Male N Female	100W	101.95 0.5 0.23	89.72 83.60 79.53
21297 1 EACH	PolyPhaser IS-MH50LN 10 Years	2.0 - 2.3 GHz 4 nJ	N Female N Female	100W	101.95 0.47 0.21	89.72 83.60 79.53
59690 1 EACH	PolyPhaser IS-MH50LN-MA 10 Years	2.0 - 2.3 GHz 4 nJ	N Male N Female	100W	101.95 0.44 0.2	89.72 83.60 79.53
NEW 459100 1 EACH	PolyPhaser LCU2.4ME 10 Years	2.4 - 2.5 GHz <1 nJ	N Female N Male	10	41.95 0.38 0.17	36.92 34.40 32.73
479063 1 EACH	PolyPhaser LCU2.4 10 Years	2.4 - 2.5 GHz <1 nJ	N Female N Female	10	41.95 0.38 0.17	36.92 34.40 32.73
58441 1 EACH	PolyPhaser IS-MT50LN 10 Years	2.1 - 2.6 GHz 4 nJ	N Female N Female	100W	101.95 0.5 0.23	89.72 83.60 79.53
98244 1 EACH	PolyPhaser IS-MT50LN-MA 10 Years	2.1 - 2.6 GHz 4 nJ	N Male N Female	100W	101.95 0.44 0.2	89.72 83.60 79.53
81856 1 EACH	PolyPhaser IS-MU50LN 10 Years	2.4 - 3.0 GHz 32 nJ	N Female N Female	100W	101.95 0.4 0.18	89.72 83.60 79.53

PCS Micro Filter Protection

85020

31487

The Micro PSX is DC-blocked for the ultimate in PCS equipment protection. The ultra compact footprint incorporates a fully integrated connector housing that is completely weatherized, contains no gas tubes and is available in various connector configurations. 20kA surge. Can operate over the temperture range of -40 to +80 Deg. C.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Freq. Range Throughput Energy*	Conn. Ant. Side Conn. Equip. Side	Maximum Power (Watts)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
476012 1 EACH	PolyPhaser DSX 10 Years	700 MHz - 2.7 GHz less 0.5uJ @ 3kA	N Female N Female	300 Watts	94.95 0.35 0.16	83.56 77.86 74.07

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Freq. Range Throughput Energy*	Conn. Ant. Side Conn. Equip. Side	Maximum Power (Watts)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 473021 1 EACH	PolyPhaser DSX-D-MA 10 Years	800 MHz - 2.0 GHz less 0.5uJ @ 3kA	DIN Male DIN Female	300 Watts	124.95 0.5 0.23	109.96 102.46 97.47
450040 1 EACH	PolyPhaser DSX-D 10 Years	800 MHz - 2.0 GHz less 0.5uJ @ 3kA	DIN Female DIN Female	300 Watts	124.95 0.5 0.23	109.96 102.46 97.47
469002 1 EACH	PolyPhaser DSX-ME 10 Years	700 MHz - 2.7 GHz less 0.5uJ @ 3kA	N Female N Male	300 Watts	94.95 0.36 0.16	83.56 77.86 74.07
472094 1 EACH	PolyPhaser DSX-MA 10 Years	700 MHz - 2.7 GHz less 0.5uJ @ 3kA	N Male N Female	300 Watts	94.95 0.5 0.23	83.56 77.86 74.07
NEW 75092 1 EACH	PolyPhaser PSX-ME 10 yrs.	1200-2800 MHz ø 0.5øJ for 3kA @ 8/20øs Waveform	N female 50ø N male 50ø	300	94.95 0.36 0.16	83.56 77.86 74.07
85020 1 EACH	PolyPhaser PSX 10 Years	1.2-2.8 GHz less 0.5uJ @ 3kA	N Female N Female	300 Watts	94.95 0.4 0.18	83.56 77.86 74.07
31487 1 EACH	PolyPhaser PSX-DN 10 Years	1.5-2.4 GHz less 0.5uJ @ 3kA	DIN Female N Female	300 Watts	119.95 1 0.45	105.56 98.36 93.57
61736 1 EACH	PolyPhaser PSX-MA 10 Years	1.2-2.8 GHz less 0.5uJ @3kA	N Male N Female	300 Watts	94.95 0.41 0.19	83.56 77.86 74.07

PCS Micro Filter Protection

89284

The Micro LSX is designed for use in Wirless Local Loop applications in the 4.2 to 6.0 GHz range. DC blocked for the ultimate in equipment protection, the unit is compact in size and incorporates a fully integrated connector housing that is completely weatherized. Maintenance free, multi-strike capability.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Freq. Range Throughput Energy*	Conn. Ant. Side Conn. Equip. Side	Maximum Power (Watts)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
89284 1 EACH	PolyPhaser LSX 10 Years	4.2-6.0 GHz less 0.5uJ @ 3kA	N Female N Female	10 Watts	94.95 1 0.45	83.56 77.86 74.07

GPS Pickor Protector

42322

Lighting protector with DC pick or function. Mounts through bulkhead of maximum 1/4" thickness. For use with GPS equipment such as the Trimble Pathfinder. The LNZ+15 picks and injects 15 volts, and the LNZ+6 picks/injects 6 volts maximum.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Freq. Range Throughput Energy*	Conn. Ant. Side Conn. Equip. Side	Maximum Power (Watts)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
42322 1 EACH	PolyPhaser IS-MR50LNZ+6 10 Years	1.2-2 GHz 58 uJ	N Female N Female	Rec'v Only	101.95 0.51 0.23	89.72 83.60 79.53
93929 1 EACH	PolyPhaser IS-MR50LNZ+15 10 Years	1.2-2 GHz 58 uJ	N Female N Female	Rec'v Only	101.95 0.51 0.23	89.72 83.60 79.53
58341 1 EACH	PolyPhaser ISMR50LNZ15MA 10 Years	1.2-2 GHz 58 uJ	N Male N Female	Rec'v Only	106.95 0.51 0.23	94.12 87.70 83.43

Andrew Plus Gas tube Surge Arrestors

474163 495125

The Arrestor Plus Gas Tube Arre
Offers broadband performance f
0-2500 mhz and excellent electr
characteristics. Arrestor Plus Re
able Gas Tube Surge Arrestors a
easy to install and feature a DC
capability through the center co
tor to power tower-top electron
The unit's removeable cap makes
odic maintenance fast and easy. F
Brackets look in Auxilary Equipm
Section 350-80.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Freq. Range Throughput Energy*	Conn. Ant. Side Conn. Equip. Side	Maximum Power (Watts)	List ($) Wt. (lbs) Wgt. (kg.)	T
NEW 474163 1 EACH	Andrew Corporation APG-BNFNF-230 10 Years	0-2500 MHz < than 1 mJ	N Female Bulkhead Female	230 Watts	153.00 2.2 1	11 10 9
NEW 426124 1 EACH	Andrew Corporation APG-BNFNF-090 10 Years	0-2500 MHz < than 1 mJ	N Female Bulkhead Female	90 Watts	153.00 2.2 1	11 10 9
NEW 441170 1 EACH	Andrew Corporation APG-BDFDF-230 10 Years	0-2500 MHz < than 1 mJ	7/16 DIN Female 7/16 DIN Female	230 Watts	163.20 2.2 1	11 11 10
495125 1 EACH	Andrew Corporation APG-BDFDM-350 10 Years	0-2500 MHz < than 1 mJ	7/16 DIN Male 7/16 DIN Female	350 Watts	163.20 0.78 0.35	11 11 10

Andrew Gas Tube Replacement Kits

Andrew Gas Tube Replacement Kits for all "ARRESTOR PLUS" Arrestors for 90 thru 1000 Static Sparkover Volt Kit of 10.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Freq. Range Throughput Energy*	Conn. Ant. Side Conn. Equip. Side	Maximum Power (Watts)	List ($) Wt. (lbs) Wgt. (kg.)	T
NEW 490161 1 EACH	Andrew Corporation GASTUBE-090 10 Years	N/A < than 1 mJ	N/A N/A	90 Watts	150.00 2.2 1	10 10 9

Weatherized GPS/PCS Protection

66312

Wireless communictaions require optimal performance and Polyphaser an innovative product to protect your equipment from lightning surges. MM Series is designed for systems requiring up to 300 watts maximum tinuous power, including in-line amplifiers and GPS receivers. Each unit tested to assure the industry's best VSWR and insertion loss performan the 1.2 to 2.0 GHz passband. The MM series is fully weatherized and is able in serveral Bias-T pass voltages at currents to 2 amps.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Freq. Range Throughput Energy*	Conn. Ant. Side Conn. Equip. Side	Maximum Power (Watts)	List ($) Wt. (lbs) Wgt. (kg.)	T
66312 1 EACH	PolyPhaser MM50MNZ+6 10 Years	1.2-2 GHz <350uJ	N Female N Female	300 Watts	129.95 0.51 0.23	1 1 1
66390 1 EACH	PolyPhaser MM50MNZ+15 10 Years	1.2-2 GHz <350uJ	N Female N Female	300 Watts	129.95 0.51 0.23	1 1 1
66400 1 EACH	PolyPhaser MM50MDZ+6 10 Years	1.2-2 GHz <350uJ	7/16 DIN Female 7/16 DIN Female	300 Watts	156.95 0.51 0.23	1 1 1
66403 1 EACH	PolyPhaser MM50MDZ+15 10 Years	1.2-2 GHz <350uJ	7/16 DIN Female 7/16 DIN Female	300 Watts	156.95 0.51 0.23	1 1 1
NEW 422157 1 EACH	PolyPhaser MM50MDZ+15-MA 10 Years	1.2-2 GHz <350uJ	7/16 DIN Male 7/16 DIN Female	300 Watts	156.95 0.75 0.34	1 1 1

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See TESSCO.com for latest pricing and pr
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Satellite Protection [350-21]

ellite Receiver Protector

70872 84158

Broadband, DC path, 75 ohm coaxial protector. Application is for satellite dish receivers where the LNB(s) is powered via the coax line from the receiver. Simplex RF LAN operation with switched antenna preamp. 26 VDC turn on. The IS-SB is a single line protector, and the IS-DB is a dual.

o. m	Manufacturer Mfg. P/N Warranty	Freq. Range	Connector 2 Connector 1	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
2 H	PolyPhaser IS-SB75F 1 Year	400-1450mhz	F Female F Female	69.95 0.52 0.24	61.56 57.36 54.57
8 H	PolyPhaser IS-DB75F 1 Year	400-1450mhz	F Female F Female	109.95 1 0.45	96.76 90.16 85.77

AC Panel Surge Suppressors [350-23]

If you are buying these, you may need:

Equipment Racks . . . . . page 537
Indoor/Outdoor Enclosures . . . . . page 543
Power Line Analyzers. . . . . page 1466

neSentinel AC Surge Protector

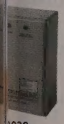
The ZoneSentinel is used at a local panel rather than at the service entrance. Provides cost effective,high capacity surge protection.

109

- lar construction
- te indication
- NC dry contacts
- es 90,000 amps of surge current protection in ll package
- A 1,2,3,3S,4,4X,12 & 13 rated enclosure
- Low impedance construction
- High N-G voltage warning
- TEN mode protection
- Available without enclosure
- 10 year warranty

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
9 H	Atlantic Scientific 12100 10 Years	120/240 VAC, split phase, 3 wire AC protector. 90K amp surge handling.	535.00 4 1.82	374.50 353.10 342.40

ge Blox Panel Protectors



Panel suppressors may be "sized" according to the phase, voltage and amperage rating of the distribution panel at which they are to be installed.

1039

- les can be installed individually or vertically
- ed to upgrade protection
- dant protection
- indicators of module status
- le alarm signals damage to the suppressor
- Remote alarm optional
- Easy upgrade and repair
- UL and C-UL listed
- 5 year warranty

ng product table (1 of 2)

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1 H	AC Data Systems B84XXC 5 Years	120/208VAC, 3 phase, 4W WYE, suppressor in Nema 4X box with remote alarm. 3,100 joules or 200K amp surge handling.	840.00 19 8.64	781.20 768.60 756.00
9 H	AC Data Systems L52XXC 5 Years	120/240VAC, single phase suppressor in Nema 4X box with remote alarm. 3,100 joules or 200K amp surge handling.	553.00 10 4.54	514.29 506.00 497.70
2 H	AC Data Systems L52XCC 5 Years	120/240VAC, single phase suppressor in Nema 4X box with remote alarm. 6,200 joules or 400K amp surge handling.	827.00 10 4.54	769.11 756.71 744.30
4 H	AC Data Systems B84XCC 5 Years	120/208VAC, 3 phase, 4W WYE, suppressor in Nema 4X box with remote alarm. 6,200 joules or 400K amp surge handling.	1,189.00 10 4.54	1,105.77 1,087.94 1,070.10

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
43397 1 EACH	AC Data Systems LW4XXC-NA 5 Years	120/208VAC, 3 phase, 4W WYE, suppressor in Nema 4X box with window. 3,100 joules or 200K amp surge handling.	650.00 6 2.73	604.50 594.75 585.00
69825 1 EACH	AC Data Systems LW2XXC-NA 5 Years	120/240VAC, single phase suppressor in Nema 4X box with window. 3,100 joules or 200K amps surge handling.	435.00 6 2.73	404.55 398.03 391.50
18218 1 EACH	AC Data Systems LW2XCC-NA 5 Years	120/240VAC, single phase suppressor in Nema 4X box with window. 6,200 joules or 400K amps surge handling.	686.00 6 2.73	637.98 627.69 617.40
81790 1 EACH	AC Data Systems LW4XCC-NA 5 Years	120/208VAC, 3 phase, 4W WYE, suppressor in Nema 4X box with window. 6,200 joules or 400K amp surge handling.	996.00 6 2.73	926.28 911.34 896.40

ZoneMaster AC Surge Protectors

47144

The ZoneMaster is designed to protect equipment from the most severe transients and is tailored to the needs of the wireless industry for total facility protection.

- Modular design
- Multiple levels of redundancy
- Large block MOV and surface mount SAD technology
- Dual internal thermal & over current fusing
- Status indication of all protection levels
- Remote alarm contacts provided at each module
- Color coded modules
- UL recognized component protection modules
- 10 year warranty
- Competitively priced

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
47144 1 EACH	Atlantic Scientific 11200 10 Years	120/240 VAC, split phase, 3 wire AC protector with N-G module. 5038 joules or 150K amp surge handling.	995.00 6 2.73	696.50 656.70 636.80

ZoneDefender AC Surge Protector

97502 45895

The ZoneDefender series protects sensitive equipment from transients caused by direct or indirect lightning strikes, utility switching & heavy machinery cycling.

- Solid state diagnostics
- 40,000 amps per phase
- TEN mode protection
- Metal oxide varistor technology
- Flush mount models available
- Remote indication
- Low impedance construction
- Thermal and short circuit fusing for safety
- 10 year warranty

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
97502 1 EACH	Atlantic Scientific 14100 10 Years	120VAC, single phase, 2 wire AC protector. 40K amp surge handling. Surface mount via 4 x 0.21" diameter holes or close nipple mount via 1/2" nipple.	165.00 2.5 1.14	115.50 108.90 105.60
45895 1 EACH	Atlantic Scientific 14101 10 Years	120/240VAC, split phase, 3 wire AC protector. 40K amp surge handling. Surface mount via 4 x 0.21" dia. holes or close nipple mount via 1/2" nipple.	195.00 2.75 1.25	136.50 128.70 124.80

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AC Power Protection [350-25]

If you are buying these,you may need:

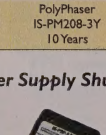
Digital Multimeters ..... page 1491
Clamp-On Multimeters ..... page 1500
Wire Connectors ..... page 1732

Power Mains Shunt Line Protector

Shunt type protectors for applications such as building entrances where lightning energy may be shunted to an outside ground before entering building. Handles 40kA surge current per phase. Breaker protected for uninterrupted load power.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
43978 1 EACH	PolyPhaser IS-PM120-SP 10 Years	120V Single Phase	329.95 3.4 1.55	290.36 270.56 257.37
73264 1 EACH	PolyPhaser IS-PM240-SP 10 Years	240V Single Phase	329.95 3.4 1.55	290.36 270.56 257.37
37043 1 EACH	PolyPhaser IS-PM240-BP 10 Years	240V Bi-phase	329.95 3.4 1.55	290.36 270.56 257.37
13803 1 EACH	PolyPhaser IS-PM208-3Y 10 Years	208V 3 Phase Wye	349.95 3.7 1.68	307.96 286.96 272.97

Power Supply Shunt Protector



Power line protector is soldered in place and incorporated within the equipment. Ground referenced to the equipment. Features 1-3/4" leads and both solid state and gas tube protection methods.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30764 1 EACH	PolyPhaser IS-PSP-120 10 Years	120V Single Phase	52.95 0.08 0.04	46.60 43.42 41.31
69157 1 EACH	PolyPhaser IS-PSP-240 10 Years	240V Single Phase & Bi-Phase	52.95 0.1 0.05	46.60 43.42 41.31

Citel Panel Surge Protection

The DS150E AC surge protector has been designed to protect highly exposed sites like cellular and wireless base stations. Each DS150E protects one phase.

- Din rail mountable
- 140kA per phase
- Uses three layers of MOVs
- Remote signalling and visual indicators
- UL1449 and CSA approved
- Instantly self-restoring without power interruption

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
62914 1 EACH	Citel, Inc. DS150E-120 2 Years	110VAC panel protector.	163.55 0.2 0.09	163.52 147.17 139.00

Rack Mount AC Protection [350-27]

If you are buying these,you may need:

Digital Multimeters ..... page 14

TRIPP·LITE POWER PROTECTION

Tripp Lite protects your valuable asse with a full line of surge protectors.

TrippLite ISOBAR Rack Mounted

51616

TrippLite ISOBAR industrial rackmount configurations pr against surges, spikes and line noise. They include "cascade cuitry" which offers increasing levels of protection for mo sensitive equipment. ULTRA models feature diagnostic LE provide advance warning of potential power problems bef equipment damage can occur. Isolated filter banks elimina interference between equipment (not DRS1215*). Instant neous surge response is provided with suppression of up 96,000-amp spikes, 1200 joules. All models have a metal h ing , 2 front and 10 rear 5-15R outlets, 15' AC cord and ac able mounting hardware that allows for 19-inch rack, tow stack, wall, or under-counter mounting options. Locking s covers are standard on all models.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	No. of AC Outlets Let thru Volts	Input Energy Rating (joules)	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 436188 1 EACH	Tripp Lite DRS1215 Lifetime	12 400V	125 VAC 5-15P plug 450J, No EMI/RFI*	65.45 4.5 2.05	4 4 3
51616 1 EACH	Tripp Lite IBAR 12 Lifetime	12 400V	125 VAC 5-15P plug 750J	169.00 5 2.27	1 1 1
39978 1 EACH	Tripp Lite IBAR 12 ULTRA Lifetime	12 330V	125 VAC 5-15P plug 1200J, 3 diagnostic LED's	159.00 5 2.27	1 1 9

AC Circuit Protectors

95585

PolyPhaser lightning protection for AC circuits. Heavy duty gr ing for industrial applications. NRTL listed. UL 1449 certified. l for use at communications sites.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	No. of AC Outlets Let thru Volts	Input Energy Rating (joules)	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
95585 1 EACH	PolyPhaser PLDO-120US15A 10 Years	2	125 VAC, 15 Amp 3 wire plug. 800	172.95 1.53 0.7	1 1 1
33906 1 EACH	PolyPhaser ISPLDO12020A 10 Years	2	125 VAC, 20 Amp 3 wire plug. 800	215.95 2.74 1.25	1 1 1
46565 1 EACH	PolyPhaser ISPLDO24015A 10 Years	2	240 VAC, 15 Amp 3 wire 220 plug. 1.4kJ	202.95 3.53 1.6	1 1 1

Northern Technologies Rack Mount

12336

Plugs into receptacle (120 VAC.). Features 15 ft. cord and 6 r tacles. Provides a peak-pulse energy rating of 540 Joules and nanosecond response time while utilizing non-degrading Silic Avalanche Diode Technology. EMI/RFI noise rejection @-13d max for 10 KHz to 300 MHz. Dimensions: 19L"x4W"x2H". Options include: RJ11 remote status interface and locking pl

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	No. of AC Outlets Let thru Volts	Input Energy Rating (joules)	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
12336 1 EACH	Northern Tech. TCS 20P6-R 1 Year	6 N/A	120/20A 3 wire. 300J	186.70 4.8 2.18	1 1 1

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k Mounted AC Protection

52744

Polyphaser rack mounted AC lightning protection panel fits 19" racks and only takes up 3 1/2" of vertical space. Includes AC outlets as well as positions for up to 3 PolyPhaser coax lighting arrestors.

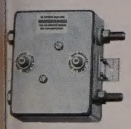
Manufacturer Mfg. P/N Warranty	No. of AC Outlets Let thru Volts	Input Energy Rating (joules)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
PolyPhaser ISMSRP12015A 10 Years	2	120 VAC, 15 Amp 3 Wire Plug. 15A	205.95 6.3 2.86	181.24 168.88 160.65
PolyPhaser ISMSRP12-20A 10 Years	2	120 VAC, 20 Amp 3 Wire Plug. 600Vp max.	231.95 4.79 2.18	204.12 190.20 180.93

DC Power Protection [350-30]

f you are buying these, you may need:

nalog Multimeters . . . . . page 1499

Battery Power Protectors



Protects DC equipment in such applications as cell site and solar power in-line regulators. Handles 18kA maximum surge current. Turn on voltage is 5V above rated DC voltage. Activates 2 ns after reaching DC threshold. Protects series pass and relay type regulators to 50A. Has head room for open circuit arrays and battery surface charge. Circuit breakered for added protection. Features flange mount, aluminum enclosure, and stainless steel hardware.

Manufacturer Mfg. P/N Warranty	Other Specifications	Conn. Ant. Side Conn. Equip. Side	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
PolyPhaser IS-12VDC50ANG 10 Years	12Vdc with Neg. Grnd.	3/8"-24 stud 3/8"-24 stud	158.95 2 0.91	139.88 130.34 123.99
PolyPhaser IS-17VDC50ANG 10 Years	17Vdc with Neg. Grnd.	3/8"-24 stud 3/8"-24 stud	158.95 1.83 0.83	139.88 130.34 123.99
PolyPhaser IS48VDC50APG 10 Years	48Vdc with Pos Grnd.	3/8"-24 stud 3/8"-24 stud	158.95 2 0.91	139.88 130.34 123.99

Phone, Data, Twisted Pair Protection [350-20]

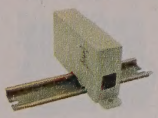
If you are buying these, you might need:

Digital Multimeters . . . . . page 1491
Wrenches . . . . . page 1581

PolyPhaser CORPORATION

Protect your sensitive equipment with superior surge performance PolyPhaser lightning protection units. Units are available for coaxial cabling (DC-pass and DC-blocked) and twisted pair systems.

ZoneBarrier DIN Rail Protectors

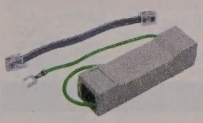


32681

ZoneBarrier Series protection for T-1, POTS and data lines allows you to create a protection package based on your needs. Holes for individual mounting or can be attached to DIN rails. Precise control of transients & high surge current capacity. Completely modular for fast, easy installation. Expandable protection for one to an unlimited number of ports.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
32681 1 EACH	Atlantic Scientific 90700 1 Year	Single pair b/w SmartJack & equip.	89.00 1 0.45	62.30 58.74 56.96
NEW 44646 1 EACH	Atlantic Scientific 21607 1 Year	5" Alum DIN Rail Holds 4 ZoneBarriers	15.00 0.5 0.23	10.50 9.90 9.60

Network Surge Suppressors



10443

72973

Tripp Lite Network Surge Suppressors offer surge protection for essential data and communications lines. Models are available for most popular network cable types.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
44760 1 EACH	Tripp Lite D10B2-T 2 Years	10Base-2-T ethernet network applications. Protects center, shield, and chassis.	39.95 1 0.45	27.37 25.97 23.97
64266 1 EACH	Tripp Lite D10B2 2 Years	10 Base-2 Ethernet network interface cards, bridges, routers, etc. Protects center, shield, and chassis.	27.95 1 0.45	19.15 18.17 16.77
36498 1 EACH	Tripp Lite DB9 2 Years	RS232 DB9 serial ports of data equipment. Protects 1-9 and chassis.	24.50 0.15 0.07	16.79 15.93 14.70
31546 1 EACH	Tripp Lite DB25 2 Years	RS232 DB25 serial ports. Protects 1-8, 20, and chassis.	25.95 0.25 0.11	17.78 16.87 15.57
69939 1 EACH	Tripp Lite DB25-ALL 2 Years	RS232 DB25 Serial ports. Protects 1-25 and chassis.	35.75 0.25 0.11	24.49 23.24 21.45
26016 1 EACH	Tripp Lite DCATV 2 Years	Coax lines in TV, VCR antenna connector. Protects center and shield.	39.95 0.25 0.11	27.37 25.97 23.97
10443 1 EACH	Tripp Lite DTEL2 2 Years	Single and Two-line telephone equipment. Protects 4,5 and 3,6 pairs.	32.50 0.2 0.09	22.27 21.13 19.50
37596 1 EACH	Tripp Lite DSUT1CSU 2 Years	Digital and Leased Lines, T1 and ISDN interfaces. Protects lines 1-8.	65.95 0.21 0.1	45.18 42.87 39.57
67970 1 EACH	Tripp Lite DRS232 2 Years	RS-232 ports running on unsheilded twisted pairs. Protects lines 1-8.	29.95 1 0.45	20.52 19.47 17.97
72973 1 EACH	Tripp Lite DNET1 2 Years	100Base-T, Token Ring, AS400. Protects lines 1-8.	29.95 0.2 0.09	20.52 19.47 17.97

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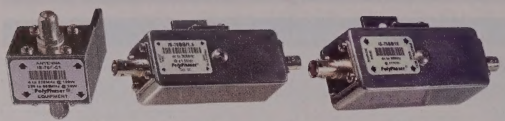
75 Ohm Video/Data Protectors



18075 73706 97674

Baseband (DC-15 MHz), flange mount coaxial protector with 75 ohm impedance and BNC/ female connectors. Commonly used for the protection of closed circuit television coax runs. Operating voltage is +/- 6V DC.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
18075 1 EACH	PolyPhaser IS-75F-C1	Channel 2 through 83 CATV/MATV protector. 0.1dB max. low loss. F female connectors.	54.95 2 0.91	48.36 45.06 42.87
73706 1 EACH	PolyPhaser IS-75BB+/-1.5	Video	69.95 0.4 0.18	61.56 57.36 54.57
90098 1 EACH	PolyPhaser IS-75BB+/-6 10 Years	VLF/HF only	69.95 0.4 0.18	61.56 57.36 54.57
97674 1 EACH	PolyPhaser IS-75BB+/-18	LAN	69.95 0.4 0.18	61.56 57.36 54.57

Digital Data Line Arrestors

73363

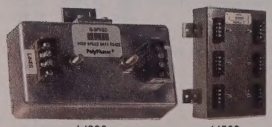
Digital data line protectors handle transient voltages in RS-232/422 applications. Offers a 24 Volt clamping level and a 5 nanosecond response time while utilizing non-degrading Silicon Avalanche Diode (SAD) technology. Flange-mount style for mounting on or near equipment. Operates with frequencies up to 560 KB and handles 36 Joules of peak pulse energy.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
73363 1 EACH	Northern Tech. TCS RS 232-25 1 Year	RS232 25 pin Data Protector	114.70 1 0.45	114.10 109.51 107.79

PolyPhaser CORPORATION

Protect your sensitive equipment with superior surge performance PolyPhaser lightning protection units. Units are available for coaxial cabling (DC-pass and DC-blocked) and twisted pair systems.

Digital Data Line Arrestors

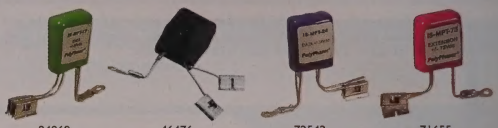


14220 44503

Digital data line protectors handle surges in RS-232/ 422 applications. Devices offer 95 MHz bandwidth and activates 1ns after reaching DC threshold. Multi-Strike and EMP rated. Does not accommodate battery or ringing voltage. Flange mount style for bolting on or near equipment. Handles surge current of 36 kA per pair. Features aluminum enclosure and stainless steel hardware.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
14220 1 EACH	PolyPhaser IS-SPHSD 10 Years	Single Pair Data	89.95 2 0.91	79.16 73.76 70.17
81122 1 EACH	PolyPhaser IS-SPDDL 10 Years	Single Pair Data	89.95 0.5 0.23	79.16 73.76 70.17
48974 1 EACH	PolyPhaser IS-DPDDL 10 Years	Dual Pair Data	149.95 0.66 0.3	131.96 122.96 116.97
44503 1 EACH	PolyPhaser IS-6PDDL 10 Years	Six Pair Data	356.95 2.56 1.16	314.12 292.70 278.43

Multi-Line Solid State Protectors

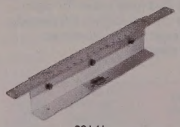


84869 46476 72542 71655

Arrestor for cable bundles over six pair for use on 66 type punch down blocks with gro bus. Utilizes solid state technology which yeilds lower differential voltage and harmonic than gas tubes. Models with 17V and 75Vdc turn on will handle a 4kA surge current wh devices with a higher turn on voltage accommodate 13kA surges. Turns on 2.5 ns after ing DC threshold. Rated for EMP use. Choose model which corresponds to application needed.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
84869 1 EACH	PolyPhaser IS-MPT-17 10 Years	Single Pair Audio&data (17V turn on)	10.95 0.1 0.05
46476 1 EACH	PolyPhaser IS-MPT-200 10 Years	Single Pair Trunk Lines (200V turn on)	10.95 0.09 0.04
72542 1 EACH	PolyPhaser IS-MPT-24 10 Years	Single Pair Audio&data (24V turn on)	10.95 1 0.45
71655 1 EACH	PolyPhaser IS-MPT-75 10 Years	Single Pair Ext. lines(75V turn on)	10.95 0.06 0.03

Ground Bus for IS-MPT Protectors



89141

Ground bus for R66 25-pair punch down block.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
89141 1 EACH	PolyPhaser 25P10GB 10 Years	For 10" block Use with MPT series	28.95 0.33 0.15

Punch Block Protectors

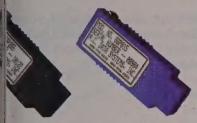
48383

M66 bridge clips telephone line protectors handle trans voltages in T1,digital T1 and analog signal applications. Pr a peak-pulse energy rating of 15 joules and a 5 nanosec response time while utilizing non-degrading Silicon Avala Diode Technology.Protects Tip to Ring, Tip to Ground,a to Ground. To ground 5 units together, order sku 15694 rately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
99990 1 EACH	Northern Tech. TLP-M66 1 Year	Single pair Analog Telephone Line	25.35 0.03 0.01
48383 1 EACH	Northern Tech. T1-M66 1 Year	Single pair T1 line	25.35 0.65 0.3
86776 1 EACH	Northern Tech. T1D-M66 1 Year	Single pair Digital T-1 Lines	25.35 1 0.45
15694 1 EACH	Northern Tech. GND STRAP 1 Year	Ground Strap for up to 24 protectors. Can be cut down for less protectors.	6.75 0.02 0.01
94880 1 EACH	Walker & Assoc. S66M1-25	25 Pair Punch Down Block	9.20 0.5 0.23

NEW = New Listing. Pricing for referen See TESSCO.com for latest pricing and Copyright 2003 all rights reserved.

ch Block Protectors



10183 68576

AC Data's 66 block clip-on suppressors provide non-deteriorating SAD protection with an absolute clamp in less than 5 nanoseconds. Finger grips for easy installation and service. Normal and common mode protection with a tin plated brass grounding strap for simple connection to system ground.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
3 H	AC Data Systems 66P265 5 Years	Single pair Hi Voltage T-1 & Data Lines	51.00 0.25 0.11	47.43 46.67 45.90
6 H	AC Data Systems 66P015 5 Years	Single pair Low Voltage T-1 & Data Lines	51.00 0.65 0.3	47.43 46.67 45.90

phone/DC Remote Line Protector

49433

Direct plug-in telephone line protectors handle transient voltages in RJ11/45 applications. Handles ring signals of up to 150 Volts. Provides a peak-pulse current rating of 10,000 Amps per line and a 5 nanosecond response time while utilizing non-degrading Silicon Avalanche Diode (SAD) technology. Flange-mount style for mounting on or near equipment.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
3 H	Northern Tech. TCS RJ11 1 Year	Data/Phone Protector with RJ11 connectors	70.70 0.65 0.3	70.32 67.49 66.43
6 H	Northern Tech. TCS RJ45 1 Year	Data/Phone protector with RJ45 connectors	70.70 0.65 0.3	70.32 67.49 66.43

phone/DC Remote Line Protectors

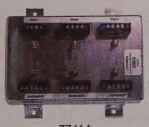
82896

Arrestor covers the audio band for such applications as telephone trunk line protection. Accommodates data/voice, battery and ringing voltages. Rated for EMP use. Handles 40kA surge current. Turns on at 200Vdc, activates 1 ns after reaching DC threshold. Multi-strike capable, aluminum enclosure, stainless steel hardware. Flange mounts on or near equipment.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
5 H	PolyPhaser IS-SPTL 10 Years	Single Pair Audio-Phone Trunk Line	62.95 0.55 0.25	55.40 51.62 49.11
7 H	PolyPhaser IS-DPTL 10 Years	Dual Pair Audio-Phone Trunk Line	105.95 0.74 0.34	93.24 86.88 82.65
6 H	PolyPhaser IS-6PTL 10 Years	Six Pair Audio-Phone Trunk Lines	285.95 2 0.91	251.64 234.48 223.05

ension Line Protectors

67908



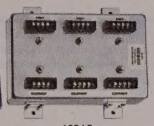
77464

Arrestors cover the audio band and accommodate voice/data and battery, not ringing voltage. Handles 40kA max. surge current. Turns on at 68Vdc, activates at max. 1 ns after reaching DC threshold. Features multi-strike capability, rating for EMP use. Flange mounts on or near equipment. Aluminum enclosure, stainless steel hardware.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
3 H	PolyPhaser IS-SPXL 10 Years	One Pair Extensions	89.95 1 0.45	79.16 73.76 70.17
5 H	PolyPhaser IS-DPXL 10 Years	Dual Pair Extensions	149.95 0.67 0.3	131.96 122.96 116.97
1 H	PolyPhaser IS-6PXL 10 Years	Six Pair Extensions	356.95 2.6 1.18	314.12 292.70 278.43

T1/LAN Data Protectors

16301



60215

Arrestors offer 95 MHz bandwidth for data applications. Features multi-strike capability and rating for EMP use. Handles 36kA max. surge current. Turns on at 7Vdc, activates at max. 1 ns after DC threshold is reached. Recovers typically 5 ns after strike. Flange mounts on or near equipment. Aluminum enclosure, solid state construction.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
16301 1 EACH	PolyPhaser IS-T1 10 Years	1 Tx pair/1 Rx pair Data	139.95 0.53 0.24	123.16 114.76 109.17
60215 1 EACH	PolyPhaser IS-3T1 10 Years	3 Tx/3 Rx Pair Data	342.95 2.28 1.04	301.80 281.22 267.51

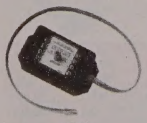
RJ or Twisted Pair T1 Protectors

11773

Direct plug-in or twisted pair telephone line protectors handle transient voltages in T1 signal applications. Handles signals up to 170 Volts. Provides a peak-pulse current rating of 40,000 Amps and a 5 nanosecond response time while utilizing non-degrading Silicon Avalanche Diode (SAD) technology. Operates with frequencies up to 55 MHz. Flange mount style for mounting on or near equipment.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
11773 1 EACH	Northern Tech. T1DS 1 Year	Protects Two Pairs ANALOG	90.70 1 0.45	90.22 86.59 85.23
NEW **83377** 1 EACH	Northern Tech. TCS T1S	Protects T1/Lan Line	90.70 0.45 0.2	90.22 86.59 85.23

DSO Voltage Supressor



16969

DS0 standard transient voltage suppressor. Each pair (pins 1 & 2 and pins 7 & 8) has 15 joules of SAD protection. In addition, each line has a parallel gas tube. Clamping voltage begins at 140 Volts. Each unit supplied with RJ-45 interface cable and ground conductor.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
16969 1 EACH	AC Data Systems TJ2DS0 5 Years	Protects two pairs DS0 Standard	125.00 0.8 0.36	116.25 114.38 112.50

T1/E1 Transient Voltage Supressor

94755

T1/E1 standard transient voltage suppressor. Each pair (pin 1 & 2 and pins 4 & 5) has 15 joules of SAD protection. In addition, each line has a parallel gas tube. Clamping voltage begins at 10 Volts. Connections may also be hard- wired. Each unit supplied with RJ48C (non-keyed) interface cable and ground conductor. Also accepts RJ11 plugs.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
94755 1 EACH	AC Data Systems TJ1010B 5 Years	Protects two pairs T1/E1 Standard	125.00 0.8 0.36	116.25 114.38 112.50

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T1/E1 Transient Voltage Supressor

93755

T1/E1 standard transient voltage suppressor. Each pair (pin1 & 2 and pins 4 & 5) has 1.5 joules of SAD protection. In addition, each line has a parallel gas tube. Clamping voltage begins at 7 Volts. Each unit is supplied with RJ48C (non-keyed) interface cable and ground conductor. Also accepts RJ11 plugs.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
93755 1 EACH	AC Data Systems TJ3010B 5 Years	Protects two pairs T1/E1 Standard	99.00 1 0.45	92.07 90.59 89.10

Telephone Line Protector Module

42148

High voltage telephone/data line transient voltage surge suppressor. Unit has 30 Joules of SAD protection. Clamping voltage begins at 265 volts. All 8 pins of the RJ-Jack are protected. Each unit is supplied with RJ-45 interface cable and ground conductor. Optonal RJ11 interface cable is available.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
42148 1 EACH	AC Data Systems TJP265 5 Years	Protects two pairs High Voltage Telephone/Data	100.00 1 0.45	93.00 91.50 90.00

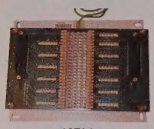
Telephone Line Protector Module

80541

Low voltage telephone/data line transient voltage surge suppressor. Unit has 20 Joules of SAD protection. Clamping voltage begins at 16 volts. All 8 pins of the RJ-Jack are protected. Each unit is supplied with RJ-45 interface cable and ground conductor. Optonal RJ11 interface cable is available.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
80541 1 EACH	AC Data Systems TJP016B 5 Years	Protects two pairs Low Voltage Telephone/Data	99.00 0.8 0.36	92.07 90.59 89.10

Telephone Line Main Chassis



10714

Telephone Main Chassis (TMC-25 capable of 25 lines or TMC- 50 capable of 50 lines) provides transient protection for telecommunication systems consisting of multiple phone lines. Interfaces via RJ21 type connector or hardwire. Requires Telephone Line Protector (sku 68566). Must be purchased separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
10714 1 EACH	Northern Tech. TMC-25 1 Year	25 Phone Lines Telehone line	175.20 3 1.36	174.33 167.32 164.69

Telephone Line Protector Module

68566

The TLP-2 (Telephone Line Protection) are compatible with the TMC-25/50. Each module protects two twisted pair utilizing Non-Degrading Silicon Avalanche technology with a 5 nanosecond response time.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
68566 1 EACH	Northern Tech. TLP-2 1 Year	Protects Two Pairs Telehone line	25.35 0.2 0.09	25.21 24.19 23.81

RS485 Data Protector

36295

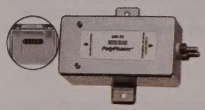
22743

CITEL RS485 data line protector. 6 volt ma voltage, 200mA max line current 10kA pow surge capability. Unit will fail short in case o unusual surges.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
36295 1 EACH	Citel, Inc. B480-6V	RS485 Data Protector	104.70 0.75 0.34	1 9 8
22743 1 EACH	PolyPhaser IS-DPHSD 1 Year	high speed digital line protector.For RS422,23,85. Dual pair.	149.95 0.55 0.25	1 1 1

Strike Counters [350-50]

Tower, Pipeline, Down Cond. Counters



Counter displays the number of lightning strikes that ha a system. The counter is for use on tower legs, pipeline other down conductors such as cables. It connects to t points on the conductor, spaced at least 6 feet apart, us #14 or larger wire (not included). Features include test mode, internal protection, and six digit readout. Mount any flat surface. The LSC12 is for outdoor use. The LS for indoor use, and adds a contact closure for local or remote monitoring. To weatherproof, use WK1 (24981) kit.

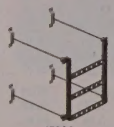
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
54251 1 EACH	PolyPhaser LSC12 10 Years	Indoor version	87.95 0.68 0.31	7 7 6

Auxiliary Equipment, Accessories [350-80]

If you are buying these, you may need:

Wrenches . . . . . page 15
Screwdriver Sets . . . . . page 15

Wireless Solutions Arrestor Trapeze Kit

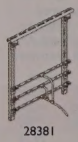


45239

The Arrestor Trapeze Kit streamlines grounding system installation by pr ing a simplified means to support and ground coax lightning arrestors. Th satile Arrestor Trapeze Kit is designed to be mounted to a wall or ceiling position of the rungs is also fully adjustable to accomadate various arrest sizes.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
45239 1 EACH	Wireless Solutions AT-K306-U 3 Years	Arrestor Trapeze Kit 3 x 6	197.50 21.3 9.68	1 1 1

Lightning Arrestor Brackets



28381

These arrestor brackets are designed to be mounted to the ceiling of a comm tion building where cable enters the building through the side wall. The brack hold 4, 8 or 12 arrestors and comes with a 25 foot tail of #2 AWG soild tinn per cable for connection to a perimeter ground loop.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
28381 1 EACH	Harger CGARR-BKT-12 1 Year	28.875 x 26.25 x 1 Mounts 12 lightning arrestors	438.75 24 10.91

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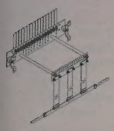
rance Panel Kits



Complete 12 and 16 unit entrance panel ground kits provide the lowest possible impedance to ground for coaxial ground shields and arrestors by utilizing robust flat ground straps. Unique flat ground strap assembly incorporates 3 low impedance (1/32" x 3") copper straps that are exothermically welded to a 1/4" x 1" copper bar that has a #2 AWG tinned conductor exothermically welded at either end for easy attachment to ground ring.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
V 66 CH	Harger EPK12 1 Year	12 unit with surge suppression ground straps.	568.75 24 10.91	379.17 379.17 379.17
V 35 CH	Harger EPK16 1 Year	16 unit with surge suppression ground straps.	600.25 30 13.64	400.17 400.17 400.17

door Enclosure for Arrestors

4314

When it's necessary to mount lightning arrestors outside, an enclosure might be your best option to keep the arrestors weatherproofed. An internal ground bar can accommodate up to 3 bulkhead lightning arrestors. The box comes with one hole cut for cable coming in and out and a hole in the bottom for ground wire to exit. Holes are supplied with cord grip grommets for weatherproofing. Additional holes must be field drilled. Two additional cord grip grommets are supplied for future expansion. Includes external 4" wide x 8" long ground bar with insulators and wall brackets, 6 AWG jacketed ground jumper with two hole lugs attached and U-bolts for enclosure pole mounting.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
V 14 CH	Harger LAB40A0GKUSFW 1 Year	12" high x 10" wide x 5" deep NEMA 4 enclosure for protection of lightning arrestors.	508.00 4 1.82	299.72 284.99 278.39

estor Weatherproofing Kit

24981

This weatherproofing kit is perfect for protecting your surge arrestors. It is a non-conductive, self-adhering black seal which is water impermeable. It is paintable using latex or solvent based paints, and also offers exceptional UV and salt spray resistance.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1 CH	PolyPhaser WK-1 10 Years	2.5" x 6" x 1/8" Weatherproofing Kit	7.95 1 0.45	7.00 6.52 6.21

nze Transition Clamps

Bronze transition clamps with all stainless screws can be used to bond wire to ground rods, fire risers, etc. For wire sizes #2 stranded to #10 solid.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
9 CH	PolyPhaser J1 10 Years	1/2" to 1-1/3" Gnd rods, fire risers, etc.	8.95 0.26 0.12	7.88 7.34 6.99
2 H	PolyPhaser J2 10 Years	1-1/2" to 2-1/4" Gnd rods, fire risers, etc.	12.95 0.49 0.22	11.40 10.62 10.11

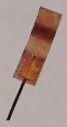
Strap-to-Rod Clamp

24278

Clamp bonds 1-1/2" copper strap to 5/8" ground rods without having to build up the joint for an exothermic weld. Has large copper contact surfaces which hold the strap into place.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
24278 1 EACH	PolyPhaser 58R-112S 10 Years	1-1/2" strap to 5/8" rod	12.95 0.64 0.29	11.40 10.62 10.11

Ground Wire to Ground Strap Clamp



Corrosion free clamps provide a good connection of ground wire to copper strap without having to build up the joint for an exothermic weld. All copper sandwich with 18-8 stainless hardware. Large contact surface smashes the strap into place. Less than .0001 ohm resistance. Can be used for 0.5" to 3.0" copper strap. Joint compound not included.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
33089 1 EACH	PolyPhaser 1C-112S 10 Years	#6 to #1 AWG Ground wire to copper strap	10.95 0.1 0.05	9.64 8.98 8.55
59353 1 EACH	PolyPhaser 10C-112S 10 Years	1/0 to 6/0 AWG Ground wire to copper strap	12.95 0.8 0.36	11.40 10.62 10.11

Copper to Tower Leg Ground Clamps

52196

Corrosion free clamps provide a good connection of copper wire or strap to galvanized tower leg, without the worry of exothermic welding to tower structure. Clamps can be joined together for larger sizes.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
52196 1 EACH	PolyPhaser TK1 10 Years	5/8" to 1-1/4" 1-1/2" strap to ground rod	5.95 0.14 0.06	5.24 4.88 4.65
90589 1 EACH	PolyPhaser TK2 10 Years	1-1/4"to 2-1/4" 1-1/2" strap to tower leg	5.95 0.1 0.05	5.24 4.88 4.65
38982 1 EACH	PolyPhaser TK3 10 Years	2-1/4" to 3-1/4" 1-1/2" strap to water mains	8.95 0.16 0.07	7.88 7.34 6.99
77375 1 EACH	PolyPhaser TK4 10 Years	3-1/2" to 5" 3" strap to tower legs	8.95 0.17 0.08	7.88 7.34 6.99

Bulkhead to Flange Adapter

38195

This bracket converts bulkhead lightning arrestors into flange-type, allowing them to be mounted to any panel or other flat surface. Designed for use with any Polyphaser bulkhead protector. Works best with units with female connectors.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
38195 1 EACH	PolyPhaser BF ADAPTER 10 Years	Arrestor Bulkhead to Flange Mount Adapter	9.95 0.11 0.05	8.76 8.16 7.77

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Multi Copper Strap Joint

67498

The MSC clamp allows the interconnection of multiple 1-1/2"or 3" copper straps. It allows bonding without having to build up the joint for an exothermic weld. A large contact surface smashes the straps into place. This provides good copper-to-copper contact which will not corrode.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
67498 1 EACH	PolyPhaser MSC-3 10 Years	1-1/2" or 3" Multiple straps	10.95 0.9 0.41	9.64 8.98 8.55

Andrew Mounting Brackets for Arrestors

410160

Andrew 90 Degree Mounting Brackets for the Surge Arrestor Plus.

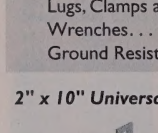
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 410160 1 EACH	Andrew Corporation 243951	Mounting Bracket for Surge Arrestor Plus. Works with N type Connectors.	20.00 2.2 1	14.50 13.50 12.50
NEW 441108 1 EACH	Andrew Corporation 243950	Mounting Bracket for Surge Arrestor Plus. Works with Din type Connectors.	20.00 2.2 1	14.50 13.50 12.50

Ground Bars [452-10]

If you are buying these, you might need:

Equipment Racks ..... page 537
Enclosures, Indoor/Outdoor ..... page 543
Shelter Cable Support Systems ..... page 530
Ground Wire ..... page 574
Ground Rods ..... page 575
Lugs, Clamps and Accessories ..... page 566
Wrenches ..... page 1581
Ground Resistance Testers ..... page 1462

2" x 10" Universal Ground Bars



39650

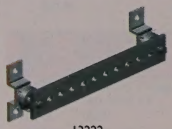
Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
39650 1 EACH	Wireless Solutions GB-0210-NS 3 Years	1/4" x 2" x 10" copper grounding bar. 10 pairs pre-drilled 7/16" holes. Features universal lug holes. Includes non-insulated hardware for shelter mounting.	29.50 2.9 1.32	29.21 28.77 28.32
52864 1 EACH	Wireless Solutions GB-0210-IS 3 Years	1/4" x 2" x 10" copper grounding bar. 10 pairs pre-drilled 7/16" holes. Features universal lug holes. Includes insulated hardware for shelter mounting.	34.00 3.35 1.52	33.66 33.15 32.64
78043 1 EACH	Wireless Solutions GB-0210-NT 3 Years	1/4" x 2" x 10" copper grounding bar. 10 pairs pre-drilled 7/16" holes. Features universal lug holes. Includes non-insulated hardware for tower mounting.	29.50 3.5 1.59	29.21 28.77 28.32
91257 1 EACH	Wireless Solutions GB-0210-IT 3 Years	1/4" x 2" x 10" copper grounding bar. 10 pairs pre-drilled 7/16" holes. Features universal lug holes. Includes insulated hardware for tower mounting.	34.00 3.8 1.73	33.66 33.15 32.64
489157 1 EACH	Wireless Solutions GB-0210-NH 3 Years	1/4" x 2" x 10" copper grounding bar. 10 pairs pre-drilled 7/16" holes. Features universal lug holes. Order mounting hardware separately.	20.00 1.5 0.68	19.80 19.50 19.20

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 432153 1 EACH	Wireless Solutions GB-0210T-IT 3 Years	1/4" x 2" x 10" tinned copper grounding bar. 10 pairs pre-drilled 7/16" holes. Features universal lug holes. Includes insulated hardware for tower mounting.	41.00 3.8 1.73	40 39 39

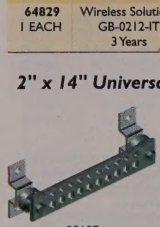
2" x 12" Ground Bars



13222

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
15253 1 EACH	Wireless Solutions GB-0212-NH 3 Years	1/4" x 2" x 12" copper ground bar. 9 pre-drilled holes for nine #6 AWG single hole ground lugs. Mounting and attachment hardware sold separately.	24.00 2.5 1.14	23 23 23
13222 1 EACH	Wireless Solutions GB-0212-NS 3 Years	1/4" x 2" x 12" copper grounding bar. 10 pre-drilled 7/16" holes. Includes non-insulated hardware for shelter mounting.	33.50 2.8 1.27	33 32 32
26436 1 EACH	Wireless Solutions GB-0212-IS 3 Years	1/4" x 2" x 12" copper grounding bar. 10 single 7/16" holes. Includes insulated hardware for shelter mounting.	38.00 2.9 1.32	37 37 36
51615 1 EACH	Wireless Solutions GB-0212-NT 3 Years	1/4" x 2" x 12" copper grounding bar. 10 pre-drilled 7/16" holes. Includes non-insulated hardware for tower mounting.	33.50 2.8 1.27	33 32 32
64829 1 EACH	Wireless Solutions GB-0212-IT 3 Years	1/4" x 2" x 12" copper grounding bar. 10 single 7/16" holes. Includes insulated hardware for tower mounting.	38.00 4.5 2.05	37 37 36

2" x 14" Universal Ground Bar



25187

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
25187 1 EACH	Wireless Solutions GB-0214-NS 3 Years	1/4" x 2" x 14" copper grounding bar. 15 pairs pre-drilled 7/16" holes. Features universal lug holes. Includes non-insulated hardware for shelter mounting.	37.50 3.3 1.5	3 3 3
63580 1 EACH	Wireless Solutions GB-0214-NT 3 Years	1/4" x 2" x 14" copper grounding bar. 15 pairs pre-drilled 7/16" holes. Features universal lug holes. Includes non-insulated hardware for tower mounting.	37.50 3.9 1.77	3 3 3
76794 1 EACH	Wireless Solutions GB-0214-IT 3 Years	1/4" x 2" x 14" copper grounding bar. 15 pairs pre-drilled 7/16" holes. Features universal lug holes. Includes insulated hardware for tower mounting.	42.00 4.2 1.91	4 4 4
90008 1 EACH	Wireless Solutions GB-0214-IS 3 Years	1/4" x 2" x 14" copper grounding bar. 15 pairs pre-drilled 7/16" holes. Features universal lug holes. Includes insulated hardware for shelter mounting.	42.00 6 2.73	4 4 4
NEW 418145 1 EACH	Wireless Solutions GB-0214-NH 3 Years	1/4" x 2" x 14" copper grounding bar. 15 pairs pre-drilled 7/16" holes. Features universal lug holes. Hardware is not included.	28.00 2.1 0.95	2 2 2
NEW 496122 1 EACH	Wireless Solutions GB-0214T-IT 3 Years	1/4" x 2" x 14" tinned copper grounding bar. 15 pairs pre-drilled 7/16" holes. Features universal lug holes. Includes insulated hardware for tower mounting.	51.00 4.2 1.91	5 4 4

2-1/2" x 12-1/2" Ground Bar

99943

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
62799 1 EACH	Wireless Solutions GB-02512-IS 3 Years	1/4" x 2-1/2" x 12-1/2" ground buss bar kit. Made from 1/4" solid copper with thirty-five 7/16" holes. Includes insulated shelter hardware.	43.00 2.9 1.32	[illegible] [illegible] [illegible]

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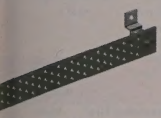
uing product table (2 of 2)

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
50 CH	Wireless Solutions GB-02512-IT 3 Years	1/4" x 2-1/2" x 12-1/2" ground buss bar kit. Made from 1/4" solid copper with thirty-five 7/16" holes. Includes insulated tower hardware.	43.00 4.95 2.25	42.57 41.93 41.28
43 CH	Wireless Solutions GB-02512-NH 3 Years	1/4" x 2-1/2" x 12-1/2" ground buss bar kit. Made from 1/4" solid copper with thirty-five 7/16" holes. No hardware included.	29.00 2.9 1.32	28.71 28.28 27.84
36 CH	Wireless Solutions GB-02512-NS 3 Years	1/4" x 2-1/2" x 12-1/2" ground buss bar kit. Made from 1/4" solid copper with thirty-five 7/16" holes. Includes non-insulated shelter hardware.	38.50 2.9 1.32	38.12 37.54 36.96
22 CH	Wireless Solutions GB-02512-NT 3 Years	1/4" x 2-1/2" x 12-1/2" ground buss bar kit. Made from 1/4" solid copper with thirty-five 7/16" holes. Includes non-insulated tower hardware.	38.50 2.9 1.32	38.12 37.54 36.96

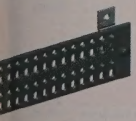
/2" x 19-1/2" Ground Bar



73515

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
15 CH	Wireless Solutions GB-02519-IS 3 Years	1/4" x 2-1/2" x 19-1/2" ground buss bar kit. Made from 1/4" solid copper with sixty 7/16" holes. Includes insulated shelter hardware.	60.00 5.65 2.57	59.40 58.50 57.60
08 CH	Wireless Solutions GB-02519-IT 3 Years	1/4" x 2-1/2" x 19-1/2" ground buss bar kit. Made from 1/4" solid copper with sixty 7/16" holes. Includes insulated tower hardware.	60.00 2.9 1.32	59.40 58.50 57.60
94 CH	Wireless Solutions GB-02519-NH 3 Years	1/4" x 2-1/2" x 19-1/2" ground buss bar kit. Made from 1/4" solid copper with sixty 7/16" holes. No hardware.	46.00 2.9 1.32	45.54 44.85 44.16
87 CH	Wireless Solutions GB-02519-NS 3 Years	1/4" x 2-1/2" x 19-1/2" ground buss bar kit. Made from 1/4" solid copper with sixty 7/16" holes. Includes non-insulated shelter hardware.	55.50 2.9 1.32	54.95 54.12 53.28
73 CH	Wireless Solutions GB-02519-NT 3 Years	1/4" x 2-1/2" x 19-1/2" ground buss bar kit. Made from 1/4" solid copper with sixty 7/16" holes. Includes non-insulated tower hardware.	55.50 2.9 1.32	54.95 54.12 53.28

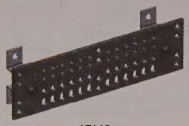
x 12" Universal Ground Bar



11973

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
73 CH	Wireless Solutions GB-0412-IS 3 Years	1/4" x 4" x 12" copper grounding bar. 26 pair of 7/16" holes. Features universal lug holes. Includes insulated hardware for shelter mounting.	48.00 5.3 2.41	47.52 46.80 46.08
17 CH	Wireless Solutions GB-0412-NT 3 Years	1/4" x 4" x 12" copper grounding bar. 26 pair of 7/16" holes. Features universal lug holes. Includes non-insulated hardware for tower mounting.	43.50 5.8 2.64	43.07 42.42 41.76
W 25 CH	Wireless Solutions GB-0412T-IT 3 Years	1/4"x4"x12" Tinned insulated ground buss bar kit for towers. 26 pairs 7/16" with 3/4" to 1" spacing.	58.00 6 2.73	57.42 56.55 55.68
38 CH	Wireless Solutions GB-0412-NS 3 Years	1/4" x 4" x 12" copper grounding bar. 26 pair of 7/16" holes. Features universal lug holes. Includes non-insulated hardware for shelter mounting.	43.50 5.2 2.36	43.07 42.42 41.76
52 CH	Wireless Solutions GB-0412-IT 3 Years	1/4" x 4" x 12" copper grounding bar. 26 pair of 7/16" holes. Features universal lug holes. Includes insulated hardware for tower mounting.	48.00 6.1 2.77	47.52 46.80 46.08

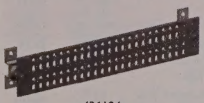
4" x 14" Universal Ground Bar



17168

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
66860 1 EACH	Wireless Solutions GB-0414-NH 3 Years	1/4" x 4" x 14" copper ground bar. 60 pre-drilled holes for twenty four #6AWG and six #2 AWG hole sets for double hole lugs. Mounting and attachment hardware is sold separately.	39.00 4.4 2	38.61 38.03 37.44
17168 1 EACH	Wireless Solutions GB-0414-NS 3 Years	1/4" x 4" x 14" copper grounding bar. 12 pair of 7/16" holes and 12 pair of 1/4" holes. Universal lug holes. Includes non-insulated hardware for shelter mounting.	48.50 5.4 2.45	48.02 47.29 46.56
43596 1 EACH	Wireless Solutions GB-0414-IS 3 Years	1/4" x 4" x 14" copper grounding bar. 12 pair of 7/16" holes and 12 pair of 1/4" holes. Features universal lug holes. Includes insulated hardware for shelter mounting.	53.00 6.1 2.77	52.47 51.68 50.88
81989 1 EACH	Wireless Solutions GB-0414-IT 3 Years	1/4" x 4" x 14" copper grounding bar. 12 pair of 7/16" holes and 12 pair of 1/4" holes. Features universal lug holes. Includes insulated hardware for tower mounting.	53.00 6.3 2.86	52.47 51.68 50.88
93954 1 EACH	Wireless Solutions GB-0414-NT 3 Years	1/4" x 4" x 14" copper grounding bar. 12 pair of 7/16" holes and 12 pair of 1/4" holes. Universal lug holes. Includes non-insulated hardware for shelter mounting.	48.50 6 2.73	48.02 47.29 46.56

4" x 20" Universal Ground Bar



436194

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 436194 1 EACH	Wireless Solutions GB-0420-IS 3 Years	1/4" x 4" x 20" copper grounding bar. 46 pairs of 7/16" holes for 3/8" two hole ground lugs w/ 3/4"-1" spacing. Includes insulated hardware for shelter mounting.	70.00 4.8 2.18	69.30 68.25 67.20
NEW 460148 1 EACH	Wireless Solutions GB-0420-IT 3 Years	1/4" x 4" x 20" copper grounding bar. 46 pairs of 7/16" holes for 3/8" two hole ground lugs w/ 3/4"-1" spacing. Includes insulated hardware for tower mounting.	70.00 5.4 2.45	69.30 68.25 67.20
NEW 428174 1 EACH	Wireless Solutions GB-0420-NT 3 Years	1/4" x 4" x 20" copper grounding bar. 46 pairs of 7/16" holes for 3/8" two hole ground lugs w/ 3/4"-1" spacing. Includes non-insulated hardware for tower mounting.	65.50 5.1 2.32	64.85 63.87 62.88
NEW 419160 1 EACH	Wireless Solutions GB-0420T-IT 3 Years	1/4" x 4" x 20" tinned copper grounding bar. 46 pairs pre-drilled 7/16" holes. Universal lug holes. Includes insulated hardware for tower mounting.	84.00 5.4 2.45	83.16 81.90 80.64

4" x 24" Universal Ground Bar

15919

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
45626 1 EACH	Wireless Solutions GB-0424-NH 3 Years	1/4" x 4" x 24" copper ground bar. 104 pre-drilled holes for 26 pairs of 7/16" holes (universal design) and 26 pairs of 1/4" holes. Insulating and mounting hardware is sold separately.	67.00 8 3.64	66.33 65.33 64.32
15919 1 EACH	Wireless Solutions GB-0424-NT 3 Years	1/4" x 4" x 24" copper grounding bar. 26 pair of 7/16" holes and 26 pair of 1/4" holes. Universal lug holes. Includes non-insulated hardware for tower mounting.	76.50 8.3 3.77	75.74 74.59 73.44
67526 1 EACH	Wireless Solutions GB-0424-NS 3 Years	1/4" x 4" x 24" copper grounding bar. 26 pair of 7/16" holes and 26 pair of 1/4" holes. Universal lug holes. Includes non-insulated hardware for shelter mounting.	76.50 7.7 3.5	75.74 74.59 73.44
NEW 453121 1 EACH	Wireless Solutions GB-0424T-IT 3 Years	1/4"x 4"x 24" Tinned insulated ground buss bar kit for towers. 26 pairs 7/16" with 3/4" spacing and 26 pairs 1/ 4" with 5/8" spacing.	96.00 8.6 3.91	95.04 93.60 92.16
42347 1 EACH	Wireless Solutions GB-0424-IS 3 Years	1/4" x 4" x 24" copper grounding bar. 26 pair of 7/16" holes and 26 pair of 1/4" holes. Universal lug holes. Includes insulated hardware for shelter mounting.	81.00 8 3.64	80.19 78.98 77.76
29133 1 EACH	Wireless Solutions GB-0424-IT 3 Years	1/4" x 4" x 24" copper grounding bar. 26 pair of 7/16" holes and 26 pair of 1/4" holes. Universal lug holes. Includes insulated hardware for tower mounting.	81.00 8.6 3.91	80.19 78.98 77.76

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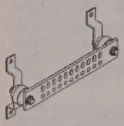
1" Wide Ground Bars

26869

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
26869 1 EACH	Harger GBI14112E 1 Year	1/4" x 1" x 12" copper ground bar. 5 pre-drilled 7/16" holes. Includes insulators and brackets.	65.80 5 2.2 1	38.83 36.92 36.06
13266 1 EACH	Harger GBI4123.25TEL1 1 Year	1/4" x 1" x 23" copper ground bar. 21 pre-drilled 10 X 32 tapped holes. Includes 21 single hole ring terminals.	76.60 3 1.36	45.19 42.97 41.97

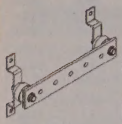
2" x 6" Ground Bars



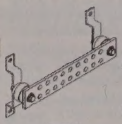
412042

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
412042 1 EACH	Harger GBI1426P 1 Year	1/4" x 2" x 6" copper ground bar. 26 pre-drilled 7/16" holes. Includes insulators and brackets. Accomodates "B" and "C" spaced two hole lugs.	66.70 2.05 0.93	39.34 37.41 36.54
469045 1 EACH	Harger GBI1426G 1 Year	1/4" x 2" x 6" copper ground bar. 6 pre-drilled 7/16" holes. Includes insulators and brackets.	66.70 2.15 0.98	39.34 37.41 36.54

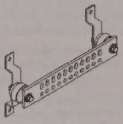
2" Wide Ground Bars



65118



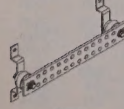
479087



442007

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
65118 1 EACH	Harger GBI14212E 1 Year	1/4" x 2" 12" copper ground bar. 5 pre-drilled 7/16" holes. Includes insulators and brackets.	73.90 5 2.27	43.61 41.46 40.50
479087 1 EACH	Harger GBI14212G 1 Year	1/4" x 2" 12" copper ground bar. 18 pre-drilled 7/16" holes. Includes insulators and brackets.	73.90 3 1.36	43.61 41.46 40.50
89737 1 EACH	Harger GBI14212CHW 1 Year	1/4" x 2" x 12" copper ground bar. 27 pre-drilled holes. Three Columns alternate between 7/16" and 5/16" dia. holes, spaced 1" apart.	78.65 5 2.27	46.40 44.12 43.09
442007 1 EACH	Harger GBI14212P 1 Year	1/4" x 2" x 12" copper ground bar. 18 pre-drilled 7/16" holes. Includes insulators and brackets. Accomodates "B" and "C" spaced lug. "P" Pattern.	73.90 3 1.36	43.61 41.46 40.50
99901 1 EACH	Harger GBI14212TES 1 Year	1/4" x 2" 12" copper ground bar. 8 pre-drilled 7/16" holes. Includes insulators and brackets.	78.65 6 2.73	46.40 44.12 43.09

2" x 15" Ground Bars



43950

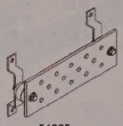
Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
43950 1 EACH	Harger GBI14215TES 1 Year	1/4" x 2" 15" copper ground bar. 24 pre-drilled 7/16" holes spaced 1" center-to-center. Includes insulators and brackets.	82.40 6 2.73	48.62 46.23 45.16

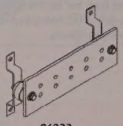
Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
82480 1 EACH	Harger GBI14215TMR1/4 1 Year	1/4" x 2" 15" copper ground bar. 24 pre-drilled 1/4" holes spaced 3/4" center to center. Includes insulators and brackets.	82.40 6 2.73	48. 46. 45.
85875 1 EACH	Harger GBI14215TMR 1 Year	1/4" x 2" 15" copper ground bar. 24 pre-drilled 7/16" holes, spaced 3/4" center to center. Includes insulators and brackets.	82.40 3.48 1.58	48. 46. 45.

4" x 12" Ground Bars



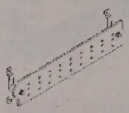
56985



86233

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
56985 1 EACH	Harger GBI14412A 1 Year	1/4" x 4" x 12" copper ground bar. 14 pre-drilled 7/16" holes. Includes insulators and brackets.	95.65 10 4.54	56. 53. 52.
86233 1 EACH	Harger GBI14412B 1 Year	1/4" x 4" x 12" copper ground bar. 10 pre-drilled 7/16" holes. Includes insulators and brackets.	95.65 10 4.54	56. 53. 52.
62229 1 EACH	Harger GBI4412SMT 1 Year	1/4" x 4" x 12" copper ground bar. Two rows of 7/16" holes spaced 3/4" apart. Mounting hardware sold separately.	53.75 2 0.91	31. 30. 29.
95444 1 EACH	Harger GBI14412TES 1 Year	1/4" x 4" x 12" copper ground bar. 24 pre-drilled 7/16" holes. Includes insulators and brackets.	95.65 4.7 2.14	56. 53. 52.
455090 1 EACH	Harger TGBI14412TES 1 Year	1/4" x 4" x 12" Tinned copper ground bar. 24 pre-drilled 7/16" holes. Includes insulators and brackets.	110.55 4.85 2.2	65. 62. 60.

4" Wide Ground Bars



24260

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 27368 1 EACH	Harger GBI1448RCS 1 Year	1/4" thick x 4" wide x 8" long ground bar with insulators and brackets. 4 rows of 15 holes.	90.95 4 1.82	53 51 49
96070 1 EACH	Harger GBI14412PCSIGB 1 Year	1/4" x 4" x 12" copper ground bar. 27 pre-drilled holes. Three horizontal rows and 9 vertical columns. Columns alternate between 7/16" and 5/16" dia. holes, spaced 1" apart.	95.65 4.5 2.05	56 53 52
NEW 23080 1 EACH	Harger GBI14416RCS 1 Year	1/4" thick x 4" wide x 16" long ground bar with insulators and brackets. 4 rows of 15 holes.	107.65 7 3.18	63 60 58
24260 1 EACH	Harger TGBI14420-HIG 1 Year	1/4" x 4" x 20" copper ground bar. 28 pre-drilled holes (six 11/15" and twenty-two 7/16" with 13/16" spacing to fit 2-hole lugs). Includes insulators and brackets. Tin plated.	149.40 7.5 3.41	88 83 81
67436 1 EACH	Harger GBI14424-CIGBE 1 Year	1/4" x 4" x 24" copper ground bar. 28 pre-drilled holes (six 11/15" and twenty-two 7/16" with 13/16" spacing to fit 2-hole lugs). Includes insulators and brackets.	127.50 9 4.09	75 71 69
70891 1 EACH	Harger 114424PCSMGB 1 Year	1/4" x 4" x 24" copper ground bar. 63 pre-drilled holes. Three horizontal rows and 21 vertical columns. Columns alternate between 7/16" and 5/16" dia. holes, spaced 1" apart.	127.50 9 4.09	75 71 69
72209 1 EACH	Harger TGBI14424CIGBE 1 Year	1/4" x 4" x 24" copper ground bar. 28 pre-drilled holes (six 11/16" and twenty-two 7/16" with 13/16" spacing to fit 2-hole lugs). Includes insulators and brackets. Tin plated. Holes spaced .815"top to bottom, 1.0" left to right.	161.90 10.96 4.98	91 91 81

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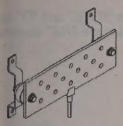
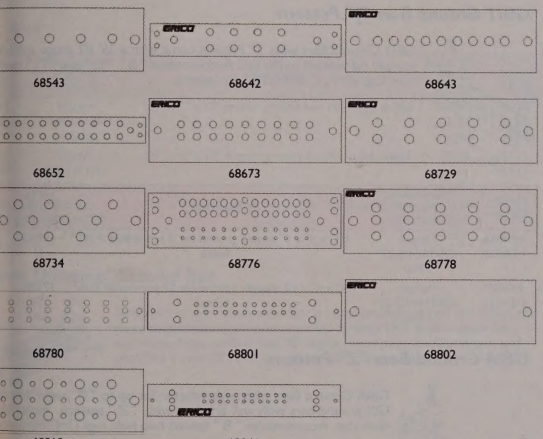
/ide Ground Bars with Tail



o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
2 H	Harger GBIT14412C-2L 1 Year	1/4" x 4" x 12" copper ground bar. 27 pre-drilled 7/16" holes. Includes insulators, brackets and a 25'long, 2 gauge solid tinned copper tail welded onto the bar.	174.80 10.3 4.68	103.14 98.07 95.79
0 H	Harger GBIT14417TSP 1 Year	1/4" x 4" x 17" copper ground bar. 13 pre-drilled 1/4" holes, 7 on top row, 6 on bottom row. Designed so that flange mounted lightning arrestors can mount with connectors facing the ceiling and the ground. Excellent for use where cable is coming straight down from the ceiling. Includes insulators, brackets and a 25' long, 2 gauge stranded, green jacketed copper tail welded onto the bar.	183.50 10 4.54	108.27 102.95 100.56

o Ground Bars



68543 68642 68643
68652 68673 68729
68734 68776 68778
68780 68801 68802
68819 68846

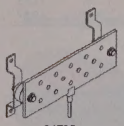
ng product table (1 of 2)

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
0 H	Erico Products, Inc. EGBA14206GG 1 Year	1/4" x 2" x 6" copper ground bar. Includes insulators and brackets.	65.15 1.9 0.86	37.77 36.47 35.30
2 H	Erico Products, Inc. EGBA14212GG 1 Year	1/4" x 1" x 12" copper ground bar.Includes insulators and brackets.	71.75 2.7 1.23	41.62 40.18 38.89
3 H	Erico Products, Inc. EGBA14112-001 1 Year	1/4" x 1" x 12" copper ground bar. 5 pre-drilled 7/16" holes in a single line. Includes insulators and brackets.	59.00 4 1.82	34.22 33.04 31.98
5 H	Erico Products, Inc. EGBA14212-002 1 Year	1/4" x 2" x 12" copper ground bar. 5 pre-drilled 7/16" holes in a single line. Includes insulators and brackets.	64.80 5 2.27	37.59 36.29 35.13
2 H	Erico Products, Inc. EGBA14212-003 1 Year	1/4" x 2" x 12" copper ground bar. 8 pre-drilled 7/16" holes in two rows of 4, spaced 3/4" apart. Includes insulators and brackets.	70.80 6 2.73	41.07 39.65 38.38
H	Erico Products, Inc. EGBC14212-004 1 Year	1/4" x 2" x 12" copper ground bar only. 9 pre-drilled 7/16" holes in a single row. Order mounting hardware separately.	31.90 2.5 1.14	18.51 17.87 17.29
2 H	Erico Products, Inc. EGBA14215-005 1 Year	1/4" x 2" x 15" copper ground bar. 24 pre-drilled 7/16" holes in two rows of 12, spaced 1" apart. Includes insulators and brackets.	74.20 6 2.73	43.04 41.56 40.22
H	Erico Products, Inc. EGBA14215-006 1 Year	1/4" x 2" x 15" copper ground bar. 24 pre-drilled 7/16" holes in two rows of 12, spaced 3/4" apart. Includes insulators and brackets.	79.90 6 2.73	46.35 44.75 43.31
H	Erico Products, Inc. EGBA14412-007 1 Year	1/4" x 4" x 12" copper ground bar. 15 pre-drilled 7/16" holes in 3 rows of 5, 3/4" spacing top to middle row, 1" spacing middle to bottom row. Includes insulators and brackets.	86.10 5.5 2.5	49.94 48.22 46.67

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
68712 1 EACH	Erico Products, Inc. EGBA14412-008 1 Year	1/4" x 4" x 12" copper ground bar. 14 pre-drilled 7/16" holes in 3 rows. 2" spacing top to bottom row, with center row holes 1" offset. Includes insulators and brackets.	89.00 5 2.27	51.62 49.84 48.24
68729 1 EACH	Erico Products, Inc. EGBA14412-009 1 Year	1/4" x 4" x 12" copper ground bar. 10 pre-drilled 7/16" holes in 2 rows of 5, 1" spacing between rows. Includes insulators and brackets.	88.90 5 2.27	51.57 49.79 48.19
68734 1 EACH	Erico Products, Inc. EGBA14412-010T 1 Year	1/4" x 4" x 12" copper ground bar. 14 pre-drilled 7/16" holes in 3 rows. 2" spacing top to bottom row, with center row holes 1" offset. Includes insulators, brackets and a 25 ft. long, 2 gauge solid tinned copper tail welded to the bar.	149.90 10 4.54	86.95 83.95 81.25
68746 1 EACH	Erico Products, Inc. EGBA14412-011 1 Year	1/4" x 4" x 12" copper ground bar. No holes punched. Includes insulators and brackets.	78.80 5 2.27	45.71 44.13 42.71
68757 1 EACH	Erico Products, Inc. EGBA14412-012 1 Year	1/4" x 4" x 12" copper ground bar. 27 pre-drilled holes. Three rows by 9 columns. Columns alternate between 7/16" and 5/16" holes. Includes insulators and brackets.	95.00 5 2.27	55.10 53.20 51.49
68776 1 EACH	Erico Products, Inc. EGBC14414-013 1 Year	1/4" x 4" x 14" copper ground bar. 48 pre-drilled holes. 12 pairs of holes which accept 1/4" two-hole ground lugs over 12 pairs of 7/16" holes in a universal slotted pattern to accept 3/8" two-hole lugs with 3/4" or 1" hole spacing. Order mounting hardware separately.	74.90 5 2.27	43.45 41.95 40.60
68778 1 EACH	Erico Products, Inc. EGBA14420-014T 1 Year	1/4" x 4" x 20" copper ground bar. 27 pre-drilled 7/16" holes in 3 rows of 9, 3/4" spacing top to middle row, 1" spacing middle to bottom row. Includes insulators and brackets. Tinned.	134.90 8.15 3.7	78.25 75.55 73.12
68780 1 EACH	Erico Products, Inc. EGBA14420-015 1 Year	1/4" x 4" x 20" copper ground bar. 27 pre-drilled 7/16" holes in 3 rows of 9, 3/4" spacing top to middle row, 1" spacing middle to bottom row. Includes insulators and brackets.	119.30 8 3.64	69.20 66.81 64.67
68801 1 EACH	Erico Products, Inc. EGBA14420-016 1 Year	1/4" x 4" x 20" copper ground bar. 27 pre-drilled 7/16" holes in 3 rows of 9, 3/4" spacing top to middle row, 1" spacing middle to bottom row. Additional 5/16" hole punched between edge of bar and mounting holes. Includes insulators and brackets.	117.40 8 3.64	68.10 65.75 63.64
68802 1 EACH	Erico Products, Inc. EGBA14420-017 1 Year	1/4" x 4" x 20" copper ground bar. No holes punched. Includes insulators and brackets.	102.90 8 3.64	59.69 57.63 55.78
68810 1 EACH	Erico Products, Inc. TEGBA14420-018 1 Year	1/4" x 4" x 20" copper ground bar. 3 pairs of 11/15" holes and 11 pairs of 7/16" holes, spaced 13/16" apart. Includes insulators and brackets.	147.00 8 3.64	85.26 82.32 79.68
68819 1 EACH	Erico Products, Inc. EGBA14424-019 1 Year	1/4" x 4" x 24" copper ground bar. 63 pre-drilled holes. Three rows by 21 columns. Columns alternate between 7/16" and 5/16" holes. Includes insulators and brackets.	127.00 10 4.54	73.66 71.12 68.84
68837 1 EACH	Erico Products, Inc. EGBA14424-020 1 Year	1/4" x 4" x 24" copper ground bar. 3 pairs of 11/16" holes and 11 pairs of 7/16" holes, spaced 13/16" apart and 1" left to right.. Includes insulators and brackets.	127.00 12 5.45	73.66 71.12 68.84
68846 1 EACH	Erico Products, Inc. EGBA14424-021T 1 Year	1/4" x 4" x 24" copper ground bar. 3 pairs of 11/16" holes and 11 pairs of 7/16" holes, spaced 13/16" apart and 1" left to right.. Includes insulators and brackets. Tinned.	159.00 12 5.45	92.22 89.04 86.18

GBIT Ground Bar "A" Pattern



26725

GBIT Ground Bars with "A" Pattern has a 25' #2 solid tinned copper wire welded to the bottom center. Holes are 7/16" diameter. Comes with insulators and brackets.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
26725 1 EACH	Harger GBIT14412A-2T 1 Year	1/4" x 4" x 12" copper ground bar. 14 pre-drilled 7/16" holes.	174.80 10 4.54	103.14 98.07 95.79

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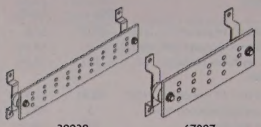
GBI Ground Bars - "C" Pattern

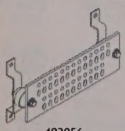


39939 67087

GBI Ground Bars with "C" Pattern. Accomodates "B", "C", and "D" spaces two hole lugs. Holes are 7/16" diameter. Comes with insulators and brackets.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
90726 1 EACH	Harger GBI14420SKY 1 Year	Same as GBI14420C, but with a 5/16" hole on either side of both mounting holes.	119.00 10 4.54	70.21 66.76 65.22
97671 1 EACH	Harger GBI14420-WS 1 Year	1/4" x 4" x 20" copper ground bar. 27 pre-drilled 7/16" holes. Three rows of 16 holes, 1" spaced center-center..75" spacing row one to row two, 1.0" spacing row two to row three. Includes insulators and brackets.	119.00 10 4.54	70.21 66.76 65.22
39939 1 EACH	Harger GBI14420C 1 Year	1/4" x 4" x 20" copper ground bar. 27 pre-drilled 7/16" holes. Includes insulators and brackets.	119.00 12 5.45	70.21 66.76 65.22
81891 1 EACH	Harger TGBI14420C 1 Year	1/4" x 4" x 20" copper ground bar. 27 pre-drilled 7/16" holes. Includes insulators and brackets. Tinned.	138.45 8 3.64	81.69 77.67 75.88
67087 1 EACH	Harger GBI14412C 1 Year	1/4" x 4" x 12" copper ground bar. 15 pre-drilled 7/16" holes. Includes insulators and brackets.	95.65 4.95 2.25	56.43 53.65 52.41
91252 1 EACH	Harger GBI14424C 1 Year	1/4" x 4" x 24" copper ground bar. 33 pre-drilled. Accomodates "B", "C" & "D" spaced two hole lugs.	127.50 10 4.54	75.23 71.53 69.87

GBI Ground Bars "M" Pattern

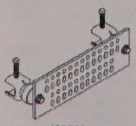


483056

GBI Ground Bars with "M" Pattern accomodates "B" & "C" spaced two hole lugs (3/4" & 1" on center). Holes are 7/16" diameter and slots are 3/8" x 5/8".

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
483056 1 EACH	Harger GBI14412M 1 Year	1/4" x 4" x 12" copper ground bar. 48 pre-drilled.	88.15 5 2.27	52.00 49.44 48.29
457038 1 EACH	Harger GBI14416M 1 Year	1/4" x 4" x 16" copper ground bar. 70 pre-drilled.	103.45 7 3.18	61.02 58.02 56.68
436034 1 EACH	Harger GBI14420M 1 Year	1/4" x 4" x 20" copper ground bar. 88 pre-drilled	119.00 8 3.64	70.21 66.76 65.22
493066 1 EACH	Harger GBI14424M 1 Year	1/4" x 4" x 24" copper ground bar. 106 pre-drilled	127.50 9 4.09	75.23 71.53 69.87

GBIA Ground Bar " M " Pattern

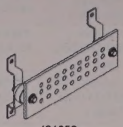


485033

GBIA Ground Bars with angle adapter for up to 7/8" thickness with " M " pattern. Holes are 7/16" diameter and slots are 3/8" x 5/8". Accomodates " B " and " C " spaced two hole lugs (3/4" and 1" on center).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
485033 1 EACH	Harger GBIA14412M 1 Year	1/4" x 4" x 12" copper ground bar. 48 pre-drilled 7/16" holes.	103.60 5 2.27	61.13 58.12 56.78
435051 1 EACH	Harger GBIA14416M 1 Year	1/4" x 2" x 16" copper ground bar. 70 pre-drilled 7/16" holes.	113.30 7 3.18	66.83 63.55 62.08
436060 1 EACH	Harger GBIA14420M 1 Year	1/4" x 2" x 20" copper ground bar. 88 pre-drilled 7/16" holes.	130.00 8 3.64	76.70 72.93 71.24

GBI Ground Bars - "J" Pattern

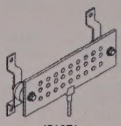


486058

GBI Ground Bars with "J " Pattern accomodates "B", "C" and "D" sp two hole lugs (3/4", 1", & 1 3/4" on center). Holes are 7/16" diamet

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
489077 1 EACH	Harger GBI1446J 1 Year	1/4" x 4" x 6" copper ground bar. 9 pre-drilled.	83.95 3.1 1.41
486058 1 EACH	Harger GBI14412J 1 Year	1/4" x 4" x 12" copper ground bar. 27 pre-drilled.	95.65 4.86 2.21
412070 1 EACH	Harger GBI14420J 1 Year	1/4" x 4" x 20" copper ground bar. 51 pre-drilled.	119.00 8 3.64
440002 1 EACH	Harger GBI14424J 1 Year	1/4" x 4" x 24" copper ground bar. 63 pre-drilled.	127.50 8.46 3.85

GBIT Ground Bars "J" Pattern

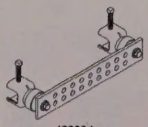


451071

GBIT Ground Bars with "J " Pattern come with a 25' #2 gauge solid t copper tail welded to the bar. Accomodates " B ", " C " and " D " spac hole lugs (3/4", 1" and 1 3/4" on center).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
494056 1 EACH	Harger GBIT1446J-2T 1 Year	1/4" x 4" x 6" copper ground bar. 9 pre-drilled 7/16" holes.	170.65 11 5
451071 1 EACH	Harger GBIT14412J-2T 1 Year	1/4" x 4" x 12" copper ground bar. 27 pre-drilled 7/16" holes.	174.80 13 5.91

GBIA Ground Bars "Z" Pattern



488034

GBIA Ground Bars with angle adapter for up to 7/8" angle thickn GBI ground bars with wall brackets with " Z " pattern. Holes are diameter. Accomodates " B " spaced two hole lugs (3/4" on cente

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
445073 1 EACH	Harger GBIA1426Z 1 Year	1/4" x 2" x 6" copper ground bar. 6 pre-drilled 7/16" holes.	65.55 2 0.91
NEW 447382 1 EACH	Harger GBI1426Z 1 Year	1/4" x 2" x 6" copper ground bar. 6 pre-drilled 7/16" holes.	65.55 2 0.91
NEW 471355 1 EACH	Harger GBI14212Z 1 Year	1/4" x 2" x 12" copper ground bar. 18 pre-drilled 7/16" holes.	72.90 3 1.36
488034 1 EACH	Harger GBIA14212Z 1 Year	1/4" x 2" x 12" copper ground bar. 18 pre-drilled 7/16" holes.	78.80 3 1.36

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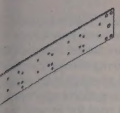
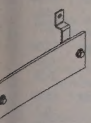
6" x 4" x 23-1/4" Ground Bar



26999

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
99 CH	Harger GB316423.25NEX 1 Year	3/16" x 4" x 23 1/4" copper ground bar. Multiple hole patterns allow for attachment of flange type lightning protection. Can be used with threaded rod & mounted face up to provide ground points behind entry panels.	78.60 8 3.64	46.37 44.09 43.07

nk Ground Bars (no holes)



53564

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
70 CH	Harger GB114112N 1 Year	1/4" x 1" x 12" copper ground bar. No holes drilled.	60.50 2.28 1.04	35.70 33.95 33.16
18 CH	Harger GB114412N 1 Year	1/4" x 4" x 12" copper ground bar. No holes drilled.	95.65 6 2.73	56.43 53.65 52.41
54 CH	Harger GB114420N 1 Year	1/4" x 4" x 20" copper ground bar. No holes drilled.	119.00 7.85 3.57	70.21 66.76 65.22

rew Universal Ground Bar

415105

Andrew's Universal Ground Bar is competitively priced and offers the mounting flexibility so often needed at sites. This solid copper bar accommodates vertical and 90 degree mounting configurations and provides a central point to collect grounding leads.

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
05 H	Andrew Corporation UGBKIT-2 10 Years	1/4" x 2-1/2" x 12-1/2" universal ground bar. 33 pre-drilled holes that accommodates vertical and 90 degree mounting configurations.	106.20 4 1.82	77.00 71.69 66.38

und Buss Bar Mounting Hardware

53646

Buss Bar Attachment Hardware facilitates installation of Ground Buss Bars in virtually any application. These shelter mounted kits feature brackets for wall-mounting in shelter and roof-top applications. Insulated version.

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
6 H	Wireless Solutions MT-572 3 Years	Ground buss bar insulated shelter mounting hardware kit. Kits made up of galvanized and stainless components for superior rust resistance.	14.00 1.75 0.8	13.86 13.65 13.44
7 H	Harger WBKT-1KIT 1 Year	Insulated wall mounting kit for ground bar. Inclsued two stainless steel brackets, insulators and hardware.	21.50 1.5 0.68	12.69 12.07 11.79

Ground Buss Bar Mounting Hardware

92039

Buss Bar Attachment Hardware facilitates installation of Ground Buss Bars in virtually any application. These shelter mounted kits feature brackets for wall-mounting in shelter and roof-top applications. Non-Insulated version.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
92039 1 EACH	Wireless Solutions MT-573 3 Years	Ground bar non-insulated shelter mounting hardware kit. Kits made up of galvanized and stainless components for superior rust resistance.	9.50 2 0.91	9.41 9.27 9.12
NEW 82877 1 EACH	Harger WBKT-1 1 Year	6.75" Long x 1" High Wall Mount Bracket for Ground Bars. No Hardware Included.	7.90 0.29 0.13	4.65 4.43 4.32

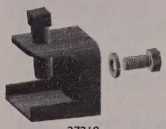
Ground Buss Bar Mounting Hardware

40432

Buss Bar Attachment Hardware facilitates installation of Ground Buss Bars in virtually any application. These tower mounted kits utilize angle adaptors to facilitate installation on angle tower members. Insulated version.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
40432 1 EACH	Wireless Solutions MT-574 3 Years	Ground buss bar insulated tower mounting hardware kit. Kits made up of galvanized and stainless components for superior rust resistance.	14.00 2 0.91	13.86 13.65 13.44
NEW 447392 1 EACH	Harger SSAAKIT 3 Years	Ground bar insulated mounting kit including stainless steel beam clamps and hardware.	17.50 2 0.91	10.74 10.74 10.74

Ground Buss Bar Mounting Hardware



27218

Buss Bar Attachment Hardware facilitates installation of Ground Buss Bars in virtually any application. These tower mounted kits utilize angle adaptors to facilitate installation on angle tower members. Non-Insulated version.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
27218 1 EACH	Wireless Solutions MT-575 3 Years	Ground bar non-insulated tower mounting hardware kit. Kits made up of galvanized and stainless components for superior rust resistance.	9.50 3 1.36	9.41 9.27 9.12

Standoff Insulators

49509

Insulators are used to isolate copper ground bars from the surface they are mounted on. Order mounting hardware separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
48094 1 EACH	Harger R4150-A4 1 Year	3/8"-16 threaded fiberglass stand off insulator for use with copper ground bars. "A"= 1.5" "B"= 2"	6.25 0.21 0.1	3.69 3.51 3.43
68863 1 EACH	Erico Products, Inc. B546A06 1 Year	3/8"-16 threaded fiberglass standoff insulator for use with copper ground bars. 2" wide by 1.5" thick.	5.45 0.3 0.14	3.21 3.06 2.99
49509 1 EACH	Harger 4200-S5 1 Year	3/8"-16 threaded fiberglass standoff insulator for use with copper ground bars. "A"= 2" "B"= 2"	7.25 0.03 0.01	4.28 4.07 3.98
12247 1 EACH	Harger 5250-A5 1 Year	3/8"-16 threaded fiberglass standoff insulator for use with copper ground bars. "A"= 2.5" "B"= 2.5"	8.75 0.03 0.01	5.17 4.91 4.80
32083 1 EACH	Harger 5263-A8 1 Year	5/8"-11 threaded fiberglass standoff insulator for use with copper ground bars. "A"= 2 5/8" "B"= 2 5/8"	13.05 0.03 0.01	7.70 7.33 7.16

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Compression Bus Bar Connectors

60527

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
60527 1 EACH	FCI Electrical/ Burndy YG14B2TC2C6C 1 Year	Use to attach #2 and or #6 solid/stranded copper conductor to a 1/4" copper ground bar.	17.00 0.13 0.06	13.93 13.25 12.91
60554 1 EACH	FCI Electrical/ Burndy YG14B2TC2C2C 1 Year	Use to attach #2 continuous run and /or #2 solid/ stranded copper conductor to a 1/4" copper ground bar.	17.00 0.13 0.06	14.48 14.48 14.48

Lugs, Clamps and Accessories [452-35]

If you are buying these, you may need:

Crimpers, Terminal Lug . . . . . page 1545

Replacement Lugs for Ground Kits

476156

These Replacement Grounding Lugs are crimped onto #6 ground wire (unless noted as #2) found in grounding kits. They are used to connect the ground lead to buss bars or other grounding points.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 437366 100 PACK	Wireless Solutions MT-591-100 3 Years	One-hole crimp lug. 3/8" hole size, 3/4" to 1" hole spacing.	158.00 1.7 0.77	156.42 154.05 151.68
85452 1 EACH	Wireless Solutions MT-591 3 Years	One-hole crimp lug. 3/8" hole size, 3/4" to 1" hole spacing.	1.85 0.04 0.02	1.82 1.79 1.76
NEW 494302 100 PACK	Wireless Solutions MT-578-100 3 Years	Two-hole crimp lug. 1/4" hole size, 3/4" to 1" hole spacing.	142.00 2.3 1.05	140.58 138.45 136.32
75134 1 EACH	Wireless Solutions MT-578 3 Years	Two-hole crimp lug. 1/4" hole size, 5/8" hole spacing.	1.55 1 0.45	1.52 1.50 1.47
33845 1 EACH	Wireless Solutions MT-592 3 Years	Universal Two-hole Slotted crimp lug. 3/8"hole size, 3/4", 0.815 or 1" hole spacing.	2.75 0.04 0.02	2.73 2.69 2.64
47059 1 EACH	Wireless Solutions MT-588 3 Years	Two-hole crimp lug. 3/8" hole size, 1" hole spacing.	2.85 0.04 0.02	2.79 2.74 2.70
72238 100 PACK	Wireless Solutions MT-592-100 3 Years	Universal Two-hole Slotted crimp lug. 3/8"hole size, 3/4", 0.815 or 1" hole spacing.	200.00 4 1.82	198.00 195.00 192.00
55666 1 EACH	Wireless Solutions LG-14-B 1 Year	Two-hole crimp lug. 1/4" hole size, 5/8" hole spacing. Bulk pack.	142.00 3 1.36	140.58 138.45 136.32
94059 1 EACH	Universal Fit Products LG-38 1 Year	Two-hole crimp lug. 3/8" hole size, 0.815" hole spacing.	2.75 0.04 0.02	2.70 2.67 2.64
38811 50 PACK	Universal Fit Products LG-38-B50 1 Year	Two-hole crimp lug. 3/8" hole size, 0.815" hole spacing. Bulk pack.	142.00 1.42 0.65	139.16 137.74 136.32
NEW 411173 1 EACH	Wireless Solutions MT-594 3 Years	Two-hole crimp lug. 1/4" hole size, 5/8" hole spacing. For #2 AWG ground wire.	2.75 0.1 0.05	2.72 2.68 2.63
NEW 476156 1 EACH	Wireless Solutions MT-595 3 Years	Two-hole crimp lug. 3/8" hole size, 1" hole spacing. For #2 Solid ground wire.	2.95 0.04 0.02	2.91 2.86 2.82
NEW 447369 100 PACK	Wireless Solutions MT-577-100 3 Years	Two-hole crimp lug. 3/8" hole size, 1" hole spacing. For #2 AWG ground wire.	266.00 4.8 2.18	263.34 259.35 255.36
NEW 57822 1 EACH	Wireless Solutions MT-577 3 Years	Two-hole crimp lug. 3/8" hole size, 1" hole spacing. For #2 AWG ground wire.	2.95 0.5 0.23	2.91 2.86 2.82

T&B One Hole Compression Lugs

479391 478359

Thomas & Betts Color-Keyed O Hole Compression Lugs come in long and short barrel lengths. Ma high conductivity wrought coppe finished with an electro tin plating require the use of the appropriat Color-Keyed tool for proper inst tion.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
NEW 428399 50 PACK	Thomas and Betts 54130 2 Year	#8 cable, short barrel, one hole 1/4" bolt, Red color key	55.00 0.6 0.27	5 4 4
NEW 479391 50 PACK	Thomas and Betts 54104 2 Year	#8 cable, short barrel, one hole #10 bolt, Red color key	58.00 0.59 0.27	5 5 5
NEW 415348 50 PACK	Thomas and Betts 54131 2 Year	#8 cable, short barrel, one hole 5/16" bolt, Red color key	57.00 0.6 0.27	5 5 5
NEW 454358 50 PACK	Thomas and Betts 54132 2 Year	#8 cable, short barrel, one hole 3/8" bolt, Red color key	55.00 0.62 0.28	5 4 4
NEW 445397 10 PACK	Thomas and Betts 54929BE 2 Year	#8 cable, long barrel, one hole #10 bolt, Red color key	15.20 0.2 0.09	1 1 1
NEW 451309 50 PACK	Thomas and Betts 54930BE 2 Year	#8 cable, long barrel, one hole 1/4" bolt, Red color key	73.00 0.7 0.32	6 6 6
NEW 465345 50 PACK	Thomas and Betts 54134 2 Year	#6 cable, short barrel, one hole #10 bolt, Blue color key	61.00 0.71 0.32	5 5 5
NEW 418390 50 PACK	Thomas and Betts 54105 2 Year	#6 cable, short barrel, one hole 1/4" bolt, Blue color key	60.00 0.69 0.31	5 5 5
NEW 493323 50 PACK	Thomas and Betts 54135 2 Year	#6 cable, short barrel, one hole 5/16" bolt, Blue color key	59.00 0.7 0.32	5 5 5
NEW 431398 50 PACK	Thomas and Betts 54136 2 Year	#6 cable, short barrel, one hole 3/8" bolt, Blue color key	58.00 0.67 0.3	5 5 5
NEW 478359 50 PACK	Thomas and Betts 54905BE 2 Year	#6 cable, long barrel, one hole 1/4" bolt, Blue color key	69.00 0.8 0.36	6 6 6
NEW 421389 50 PACK	Thomas and Betts 54106 2 Year	#4 cable, short barrel, one hole 1/4" bolt, Grey color key	79.00 1.06 0.48	7 7 6
NEW 490368 50 PACK	Thomas and Betts 54139 2 Year	#4 cable, short barrel, one hole 5/16" bolt, Grey color key	83.00 1.05 0.48	7 7 7
NEW 467301 50 PACK	Thomas and Betts 54140 2 Year	#4 cable, short barrel, one hole 3/8" bolt, Grey color key	77.00 1.01 0.46	7 6 6
NEW 489300 50 PACK	Thomas and Betts 54906BE 2 Year	#4 cable, long barrel, one hole 1/4", Grey color key	95.00 1.2 0.55	8 8 8
NEW 481321 50 PACK	Thomas and Betts 54906BEPH 2 Year	#4 cable, long barrel with peep hole, one hole 1/4", Grey color key	150.00 1.5 0.68	1 1 1
NEW 455325 25 PACK	Thomas and Betts 54107 2 Year	#2 cable, short barrel, one hole 1/4" bolt, Brown color key	77.00 0.77 0.35	7 6 6
NEW 463332 25 PACK	Thomas and Betts 54142TB 2 Year	#2 cable, short barrel, one hole 5/16" bolt, Brown color key	75.50 0.86 0.39	6 6 6
NEW 473366 25 PACK	Thomas and Betts 54143TB 2 Year	#2 cable, short barrel, one hole 3/8" bolt, Brown color key	77.50 0.81 0.37	7 6 6
NEW 482396 25 PACK	Thomas and Betts 54145TB 2 Year	#2 cable, short barrel, one hole 1/2" bolt, Brown color key	74.00 0.9 0.41	6 6 6
NEW 418351 25 PACK	Thomas and Betts 54942BE04 2 Year	#2 cable, long barrel, one hole 1/4' bolt, Brown color key	167.00 0.92 0.42	1 1 1
NEW 457399 25 PACK	Thomas and Betts 54942BE 2 Year	#2 cable, long barrel, one hole 5/16" bolt, Brown color key	86.00 1.03 0.47	7 7 7
NEW 476314 25 PACK	Thomas and Betts 54942BE06 2 Year	#2 cable, long barrel, one hole 3/8" bolt, Brown color key	132.50 1.13 0.51	1 1 1
NEW 493331 20 PACK	Thomas and Betts 54108 2 Year	#1 code and #2 flex cable, short barrel, one hole 1/4" bolt, Green color key	66.00 0.74 0.34	6 5 5
NEW 470392 20 PACK	Thomas and Betts 54147 2 Year	#1 code and #2 flex cable, short barrel, one hole 5/16" bolt, Green color key	63.20 0.8 0.36	5 5 5

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uing product table (2 of 2)

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 323 ACK	Thomas and Betts 54148 2 Year	#1 code and #2 flex cable, short barrel, one hole 3/8" bolt, Green color key	61.60 0.81 0.37	56.68 55.44 54.21
EW 347 ACK	Thomas and Betts 54947BE 2 Year	#1 code and #2 flex cable, long barrel, one hole 5/16" bolt, Green color key	82.40 1 0.45	75.81 74.16 72.52
EW 322 ACK	Thomas and Betts 54152TB 2 Year	1/0 code and #1 flex cable, short barrel, one hole 1/4" bolt, Pink color key	34.80 0.6 0.27	32.02 31.32 30.63
EW 353 ACK	Thomas and Betts 54153TB 2 Year	1/0 code and #1 flex cable, short barrel, one hole 5/16" bolt, Pink color key	35.20 0.57 0.26	32.39 31.68 30.98
EW 330 ACK	Thomas and Betts 54109 2 Year	1/0 code and #1 flex cable, short barrel, one hole 3/8" bolt, Pink color key	33.80 0.62 0.28	31.10 30.42 29.75
EW 319 ACK	Thomas and Betts 54949BE 2 Year	1/0 code and #1 flex cable, long barrel, one hole 5/16" bolt, Pink color key	25.40 0.38 0.17	23.37 22.86 22.36
EW 371 ACK	Thomas and Betts 54909BE 2 Year	1/0 code and #1 flex cable, long barrel, one hole 3/8" bolt, Pink color key	40.60 0.72 0.33	37.36 36.54 35.73
EW 312 ACK	Thomas and Betts 58162BELP 2 Year	4/0 flex cable, short barrel, one hole 5/16" bolt, lead plated, Yellow color key	181.20 1.58 0.72	166.71 163.08 159.46
EW 388 ACK	Thomas and Betts 251304851022 2 Year	4/0 flex cable, short barrel, cast copper, one hole 5/16" bolt, lead plated, Die code 76	1,155.00 14.5 6.59	1,062.60 1,039.50 1,016.40

ne Hole Compression Lugs.

25144

Copper compression lugs.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
501 CH	FCI Electrical/ Burndy YA6CLBOX 1 Year	#6 awg str, standard barrel (1) 1/4" hole. Die Index 7. Blue Die.	1.35 0.06 0.03	1.10 1.05 1.02
169 CH	FCI Electrical/ Burndy YA6C 1 Year	#6 awg str, long barrel, (1) 1/4" bolt hole. Die Index 7. Blue Die.	1.55 0.03 0.01	1.24 1.18 1.15
194 ACK	FCI Electrical/ Burndy YA6C 1 Year	#6 awg str, long barrel, (1) 1/4" bolt hole.Die index U5CRT .Color code blue. 50 pk.	75.50 1.04 0.47	54.36 51.34 49.08
135 CH	Harger GECL6 1 Year	#6 cable, short barrel, single 1/4"screw size hole. Blue Band.	1.50 0.04 0.02	0.89 0.85 0.83
44 CH	FCI Electrical/ Burndy YA4C-L4-BOX 1 Year	#4AWG str, standard barrel, single 3/8" hole. Gray die.	2.35 0.5 0.23	1.92 1.83 1.78
704 CH	Harger GECL2-1/4 1 Year	#2 size cable, short barrel, single1/4" screw size hole. Brown Die	2.90 0.04 0.02	1.70 1.62 1.58
141 CH	FCI Electrical/ Burndy YA2CL2BOX 1 Year	#2 str, standard barrel, one 1/4" hole. Die Index 10. Brown Die.	3.40 0.04 0.02	2.76 2.63 2.56
148 ACK	FCI Electrical/ Burndy YA2CL2BOX 1 Year	#2 str, standard barrel, one 1/4" hole. Die Index 10,Y2MR Brown die U2CRT. 25 Pk.	84.00 1.2 0.55	68.88 65.52 63.84
199 ACK	FCI Electrical/ Burndy YA2CL4BOX 1 Year	#2 str, standard barrel, one 3/8" hole. Die Index 10,Y2MR Brown die U2CRT. 25 Pk.	84.00 2 0.91	68.88 65.52 63.84
192 CH	FCI Electrical/ Burndy YA2CL4BOX 1 Year	#2 str, standard barrel, one 3/8" hole. Die Index 10. Brown Die.	3.40 0.04 0.02	2.76 2.63 2.56

T&B Two Hole Compression Lugs

412389

Thomas & Betts Color-Keyed Two Hole Compression Lugs come in both long and short barrel lengths. Made of high conductivity wrought copper and finished with an electro tin plating, they require the use of the appropriate Color-Keyed tool for proper installation.

Continuing product table (1 of 3)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 483385 50 PACK	Thomas and Betts 256306951298PH 2 Year	#14-10 cable, long barrel with peep hole, two hole 1/4" bolt, 5/8" ctrs. "C" nest in Sta-Kon tool	260.00 0.7 0.32	239.20 234.00 228.80
NEW 432306 50 PACK	Thomas and Betts 256314263 2 Year	#14-10 cable, long barrel, two hole #10 bolt 5/8" ctrs. "C" nest in Sta-Kon tool	352.00 0.75 0.34	323.84 316.80 309.76
NEW 481359 50 PACK	Thomas and Betts 256306951298 2 Year	#14-10 cable, short barrel, two hole 1/4" bolt, 5/8" ctrs. "C" nest in Sta-Kon tool	247.00 0.7 0.32	227.24 222.30 217.36
NEW 434305 50 PACK	Thomas and Betts 54850BE 2 Year	#8 cable, long barrel, two hole 1/4" bolt, 5/8" ctrs, red color key	141.00 0.77 0.35	129.72 126.90 124.08
NEW 427374 10 PACK	Thomas and Betts 54851BE 2 Year	#8 cable, long barrel, two hole 1/4" bolt, 3/4" ctrs, red color key	36.80 0.3 0.14	33.86 33.12 32.39
NEW 427359 10 PACK	Thomas and Betts 256306951157 2 Year	#8 cable, long barrel, two hole 3/8" bolt, 1" ctrs, red color key	31.60 0.3 0.14	29.08 28.44 27.81
NEW 412306 50 PACK	Thomas and Betts 54204 2 Year	#8 cable, short barrel, two hole #10 bolt, 5/8" ctrs, red color key	125.00 0.85 0.39	115.00 112.50 110.00
NEW 419343 50 PACK	Thomas and Betts 542040410 2 Year	#8 cable, short barrel, two hole 1/4" bolt, 5/8" ctrs, red color key	235.00 2.5 1.14	216.20 211.50 206.80
NEW 419302 100 PACK	Thomas and Betts 256306951094 2 Year	#8 cable, short barrel, two hole 1/4" bolt, 3/4" ctrs, red color key	294.00 2 0.91	270.48 264.60 258.72
NEW 451310 100 PACK	Thomas and Betts 25630695251 2 Year	#8 cable, short barrel, two hole 3/8" bolt, 1" ctrs, red color key	274.00 2.4 1.09	252.08 246.60 241.12
NEW 454365 50 PACK	Thomas and Betts 542040416 2 Year	#8 cable, short barrel, two hole 1/4" bolt, 1" ctrs, red color key	215.00 1.25 0.57	197.80 193.50 189.20
NEW 418327 50 PACK	Thomas and Betts 54852BEPH 2 Year	#6 cable, long barrel with peep hole, two hole 1/4" bolt, 5/8" ctrs, blue color key	296.00 1.5 0.68	272.32 266.40 260.48
NEW 451332 50 PACK	Thomas and Betts 256306951225 2 Year	#6 cable, long barrel, two hole 1/4" bolt, 3/4" ctrs, blue color key	223.00 1.5 0.68	205.16 200.70 196.24
NEW 420334 50 PACK	Thomas and Betts 54852BE 2 Year	#6 cable, long barrel, two hole 1/4" bolt, 5/8" ctrs, blue color key	215.00 1.14 0.52	197.80 193.50 189.20
NEW 441357 50 PACK	Thomas and Betts 256306951014 2 Year	#6 cable, long barrel, two hole 1/4" bolt, 1" ctrs, blue color key	183.00 1.5 0.68	168.36 164.70 161.04
NEW 446326 10 PACK	Thomas and Betts 25630695868 2 Year	#6 cable, long barrel, two hole 1/2" bolt, 1 3/4" ctrs, blue color key	90.00 0.4 0.18	82.80 81.00 79.20
NEW 422301 50 PACK	Thomas and Betts 256306951158 2 Year	#6 cable, long barrel, two hole 3/8" bolt, 1" ctrs, blue color key	224.00 1.75 0.8	206.08 201.60 197.12
NEW 447358 50 PACK	Thomas and Betts 256306951225PH 2 Year	#6 cable, long barrel with peep hole, two hole 1/4" bolt, 3/4" ctrs, blue color key	425.00 1.5 0.68	391.00 382.50 374.00
NEW 465338 50 PACK	Thomas and Betts 256306951158PH 2 Year	#6 cable, long barrel with peep hole, two hole 3/8" bolt, 1" ctrs, blue color key	214.00 1.75 0.8	196.88 192.60 188.32
NEW 433328 50 PACK	Thomas and Betts 542050612 2 Year	#6 cable, short barrel, two hole 3/8" bolt, 3/4" ctrs, blue color key	273.00 1.3 0.59	251.16 245.70 240.24
NEW 478370 100 PACK	Thomas and Betts 256306951095 2 Year	#6 cable, short barrel, two hole 1/4" bolt, 3/4" ctrs, blue color key	340.00 2.9 1.32	312.80 306.00 299.20
NEW 496349 100 PACK	Thomas and Betts 25630695252 2 Year	#6 cable, short barrel, two hole 1/4" bolt, 1" ctrs, blue color key	338.00 2.2 1	310.96 304.20 297.44
NEW 497372 100 PACK	Thomas and Betts 25630695253 2 Year	#6 cable, short barrel, two hole 3/8" bolt, 1" ctrs, blue color key	340.00 4.16 1.89	312.80 306.00 299.20
NEW 423317 50 PACK	Thomas and Betts 54205 2 Year	#6 cable, short barrel, two hole 1/4" bolt, 5/8" ctrs, blue color key	161.00 1.2 0.55	148.12 144.90 141.68
NEW 470346 50 PACK	Thomas and Betts 542050516 2 Year	#6 cable, short barrel, two hole 5/16" bolt, 1" ctrs, blue color key	284.00 1.05 0.48	261.28 255.60 249.92

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Continuing product table (2 of 3)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 496397 50 PACK	Thomas and Betts 256306951148 2 Year	#6 cable, short barrel, two hole 1/4" bolt, 1/2" ctrs, blue color key	188.00 0.9 0.41	172.96 169.20 165.44
NEW 489363 50 PACK	Thomas and Betts 54854BE 2 Year	#4 cable, long barrel, two hole 1/4" bolt, 5/8" ctrs, grey color key	199.00 2 0.91	183.08 179.10 175.12
NEW 473340 10 PACK	Thomas and Betts 25630695733 2 Year	#4 cable, long barrel, two hole 1/2" bolt, 1 3/4" ctrs, grey color key	49.60 1.62 0.74	45.64 44.64 43.65
NEW 458318 10 PACK	Thomas and Betts 256306951246 2 Year	#4 cable, long barrel, two hole 1/4" bolt, 3/4" ctrs, grey color key	46.80 0.6 0.27	43.06 42.12 41.19
NEW 479351 10 PACK	Thomas and Betts 256306951246PH 2 Year	#4 cable, long barrel with peep hole, two hole 1/4" bolt, 3/4" ctrs, grey color key	53.20 0.42 0.19	48.95 47.88 46.82
NEW 431308 50 PACK	Thomas and Betts 256306951015 2 Year	#4 cable, long barrel, two hole 1/4" bolt, 1" ctrs, grey color key	263.00 2.5 1.14	241.96 236.70 231.44
NEW 455314 50 PACK	Thomas and Betts 256306951337 2 Year	#4 cable, long barrel, two hole 5/16" bolt, 1" ctrs, grey color key	249.00 2.3 1.05	229.08 224.10 219.12
NEW 441306 10 PACK	Thomas and Betts 256306951159 2 Year	#4 cable, long barrel, two hole 3/8" bolt, 1" ctrs, grey color key	58.60 0.48 0.22	53.92 52.74 51.57
NEW 436347 50 PACK	Thomas and Betts 25630695255 2 Year	#4 cable, short barrel, two hole 3/8" bolt, 1" ctrs, grey color key	188.00 2.25 1.02	172.96 169.20 165.44
NEW 462376 50 PACK	Thomas and Betts 256306951184 2 Year	#4 cable, short barrel, two hole 5/16" bolt, 1" ctrs, grey color key	243.00 2.2 1	223.56 218.70 213.84
NEW 425307 50 PACK	Thomas and Betts 54206 2 Year	#4 cable, short barrel, two hole 1/4" bolt, 5/8" ctrs, grey color key	175.00 1.51 0.69	161.00 157.50 154.00
NEW 435306 10 PACK	Thomas and Betts 256306951160 2 Year	#2 cable, long barrel, two hole 3/8" bolt, 1" ctrs, brown color key	54.20 0.67 0.3	49.87 48.78 47.70
NEW 412389 10 PACK	Thomas and Betts 54811BE 2 Year	#2 cable, long barrel, two hole 1/2" bolt, 1 3/4" ctrs, brown color key	51.00 1.45 0.66	46.92 45.90 44.88
NEW 422329 25 PACK	Thomas and Betts 54856BE 2 Year	#2 cable, long barrel, two hole 5/16" bolt, 3/4" ctrs, brown color key	119.00 1.28 0.58	109.48 107.10 104.72
NEW 466344 10 PACK	Thomas and Betts 54855BE 2 Year	#2 cable, long barrel, two hole 1/4" bolt, 5/8" ctrs, brown color key	55.00 0.6 0.27	50.60 49.50 48.40
NEW 466391 10 PACK	Thomas and Betts 54810BE 2 Year	#2 cable, long barrel, two hole 3/8" bolt, 1 3/4" ctrs, brown color key	62.20 8.5 3.86	57.23 55.98 54.74
NEW 498389 10 PACK	Thomas and Betts 256306951300 2 Year	#2 cable, long barrel, two hole 1/4" bolt, 3/4" ctrs, brown color key	44.00 0.6 0.27	40.48 39.60 38.72
NEW 475309 25 PACK	Thomas and Betts 256306951016 2 Year	#2 cable, long barrel, two hole 1/4" bolt, 1" ctrs, brown color key	152.50 2.5 1.14	140.30 137.25 134.20
NEW 444356 10 PACK	Thomas and Betts 256306951160PH 2 Year	#2 cable, long barrel with peep hole, two hole 3/8" bolt, 1" ctrs, brown color key	67.40 0.68 0.31	62.01 60.66 59.32
NEW 422326 10 PACK	Thomas and Betts 54810BE0612PH 2 Year	#2 cable, long barrel with peep hole, two hole 3/8" bolt, 3/4" ctrs, brown color key	97.80 0.81 0.37	89.98 88.02 86.07
NEW 428384 50 PACK	Thomas and Betts 25630695257 2 Year	#2 cable, short barrel, two hole 3/8" bolr, 1" ctrs, brown color key	213.00 2.2 1	195.96 191.70 187.44
NEW 492340 25 PACK	Thomas and Betts 256306951355 2 Year	#2 cable, short barrel, two hole 1/4" bolr, 3/4" ctrs, brown color key	106.50 1.15 0.52	97.98 95.85 93.72
NEW 472347 25 PACK	Thomas and Betts 54207 2 Year	#2 cable, short barrel, two hole 1/4" bolr, 5/8" ctrs, brown color key	100.50 1.03 0.47	92.46 90.45 88.44
NEW 485307 10 PACK	Thomas and Betts 54857BE 2 Year	#1code and #2flex cable, long barrel, two hole 1/2" bolt, 1 3/4" ctrs, green color key	56.00 1.62 0.74	51.52 50.40 49.28
NEW 450356 10 PACK	Thomas and Betts 256306951161 2 Year	#1code and #2flex cable, long barrel, two hole 3/8" bolt, 1" ctrs, green color key	64.40 0.8 0.36	59.25 57.96 56.68
NEW 471399 20 PACK	Thomas and Betts 256306951236 2 Year	#1code and #2flex cable, short barrel, two hole 3/8" bolt, 1" ctrs, green color key	140.00 1.34 0.61	128.80 126.00 123.20
NEW 427377 20 PACK	Thomas and Betts 256306951233 2 Year	#1code and #2flex cable, short barrel, two hole 5/16" bolt, 1" ctrs, green color key	135.20 1.28 0.58	124.39 121.68 118.98
NEW 430374 5 PACK	Thomas and Betts 54813BE 2 Year	1/0code and #1flex cable, long barrel, two hole 1/4" bolt, 3/4" ctrs, pink color key	32.40 0.48 0.22	29.81 29.16 28.52

Continuing product table (3 of 3)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 486301 10 PACK	Thomas and Betts 54860BE 2 Year	1/0code and #1flex cable, long barrel, two hole 5/16" bolt, 7/8" ctrs, pink color key	60.20 0.93 0.42	55 54 52
NEW 495388 5 PACK	Thomas and Betts 54859BE 2 Year	1/0code and #1flex cable, long barrel, two hole 1/4" bolt, 5/8" ctrs, pink color key	30.60 0.45 0.2	28 27 26
NEW 418368 10 PACK	Thomas and Betts 256306951018 2 Year	1/0code and #1flex cable, long barrel, two hole 1/4" bolt, 1" ctrs, pink color key	76.60 1.09 0.5	70 68 67
NEW 487346 5 PACK	Thomas and Betts 256306951162 2 Year	1/0code and #1flex cable, long barrel, two hole 3/8" bolt, 1" ctrs, pink color key	33.90 0.5 0.23	31 30 29
NEW 424390 10 PACK	Thomas and Betts 256306951018P 2 Year	1/0code and #1flex cable, long barrel with peep hole, two hole 1/4" bolt, 1" ctrs, pink color key	76.60 1 0.45	70 68 67
NEW 442394 100 PACK	Thomas and Betts 256306951162P 2 Year	1/0code and #1flex cable, long barrel with peep hole, two hole 3/8" bolt, 1" ctrs, pink color key	802.00 10 4.54	737 721 705
NEW 494341 10 PACK	Thomas and Betts 54209 2 Year	1/0code and #1flex cable, short barrel, two hole 3/8"" bolt, 1" ctrs, pink color key	49.80 0.9 0.41	45 44 43
NEW 430345 10 PACK	Thomas and Betts 542090410 2 Year	1/0code and #1flex cable, short barrel, two hole 1/4" bolt, 5/8" ctrs, pink color key	109.20 0.69 0.31	100 98 96
NEW 424353 100 PACK	Thomas and Betts 25630695329 2 Year	1/0code and #1flex cable, short barrel, two hole 1/4" bolt, 3/4" ctrs, pink color key	964.00 9.17 4.17	886 867 848
NEW 474399 10 PACK	Thomas and Betts 256306951234 2 Year	1/0code and #1flex cable, short barrel, two hole 5/16" bolt, 1" ctrs, pink color key	74.00 0.88 0.4	68 66 65
NEW 464381 1 EACH	Thomas and Betts 256306951265 2 Year	1/0code and #1flex cable, short barrel, two hole 3/8" bolt, 1 3/4" ctrs, pink color key	8.35 0.01 0	7 7 7
NEW 410378 10 PACK	Thomas and Betts 54255 2 Year	1/0code and #1flex cable, short barrel, two hole 5/16" bolt, 7/8" ctrs, pink color key	50.20 0.79 0.36	46 45 44
NEW 478344 5 PACK	Thomas and Betts 256306951116 2 Year	2/0code and 1/0flex cable, long barrel, two hole 3/8" bolt, 1" ctrs, black color key	39.80 0.55 0.25	36 35 35
NEW 434369 10 PACK	Thomas and Betts 256306951116P 2 Year	2/0code and 1/0flex cable, long barrel with peep hole, two hole 3/8" bolt, 1" ctrs, black color key	81.40 1.09 0.5	74 73 71
NEW 488369 10 PACK	Thomas and Betts 54210 2 Year	2/0code and 1/0flex cable, short barrel, two hole 3/8" bolt, 1" ctrs, black color key	56.80 0.97 0.44	52 51 49
NEW 428300 10 PACK	Thomas and Betts 25630695399 2 Year	4/0flex cable, short barrel, two hole 3/8" bolt, 1" ctrs, yellow color key	80.00 2.7 1.23	73 72 70
NEW 429397 10 PACK	Thomas and Betts 256306951245 2 Year	4/0flex cable, long barrel, two hole 3/8" bolt, 1" ctrs, yellow color key	121.20 2.13 0.97	111 109 106
NEW 478394 5 PACK	Thomas and Betts 256306951117 2 Year	4/0 cable, long barrel, two hole 3/8" bolt, 1" ctrs, purple color key	44.90 0.86 0.39	41 40 39
NEW 476391 10 PACK	Thomas and Betts 54212 2 Year	4/0 cable, short barrel, two hole 3/8" bolt, 1" ctrs, purple color key	80.60 1.54 0.7	74 72 70

Two Hole Compression Lugs.

18069

55631

Offset copper lugs designe for exothermic connectio Allows you to exothermic weld ground wire to the l then bolt the lug to a flat face or other connection.

Continuing product table (1 of 3)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
18069 1 EACH	FCI Electrical/ Burndy YAV10-2TC14 1 Year	#10-14 awg str standard barrel lug, (2) 1/4" bolts 5/8" ctrs.Install with Y8MRB-1 tool.	5.45 0.05 0.02	4. 4. 4.
28785 1 EACH	FCI Electrical/ Burndy YAV10-2TC38 1 Year	#10-14 awg str standard barrel lug, (2) 3/8" bolts on 1" ctrs.Install with Y8MRB-1tool.	5.45 0.01 0	4. 4. 4.
67178 1 EACH	FCI Electrical/ Burndy YA8CL-2TC10 1 Year	#8 awg str standard barrel lug, (2) 1/4" bolts 1" ctrs.Die Index 49. Red Die.	2.75 1 0.45	2 2 2
92357 1 EACH	FCI Electrical/ Burndy YA8C-2TC14 1 Year	#8 awg str long barrel lug, (2) 1/4" bolts on 5/8" ctrs. Die Index 49. Red Die.	3.45 0.02 0.01	2 2 2

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ing product table (2 of 3)

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
50 CH	FCI Electrical/ Burndy YA8CL-2TC38 1 Year	#8 awg str standard barrel, (2) 3/8" bolts on 1" ctrs.Die Index 49. Red Die.	3.00 0.02 0.01	2.46 2.34 2.28
13 CH	FCI Electrical/ Burndy YA8C-2TC38 1 Year	#8 awg str long barrel lug,(2) 3/8" bolts on 1" ctrs.Die Index 49. Red Die.	3.50 0.25 0.11	2.85 2.71 2.64
27 CH	FCI Electrical/ Burndy YA6C-2TC14 1 Year	#6 awg str long barrel lug, 1/4" bolts 5/8" ctrs.Die Index 7. Blue Die.	4.65 0.02 0.01	3.81 3.62 3.53
58 CH	FCI Electrical/ Burndy YA6CL-2TC14E2 1 Year	#6 awg str standard barrel, (2) 1/4" bolts on 3/4" on ctrs.Die Index 7. Blue Die.	3.75 0.02 0.01	3.05 2.91 2.83
64 CK	FCI Electrical/ Burndy YA6CL-2TC14E2 1 Year	#6 awg str standard barrel, (2) 1/4" bolts on 3/4" on ctrs. Die Index Y2MR. Blue die U5CRT. 50/pk.	186.00 1.32 0.6	133.92 126.48 120.90
54 CH	FCI Electrical/ Burndy YA6C-2TC14E2 1 Year	#6 awg str long barrel lug, (2) 1/4" bolts on 3/4" on ctrs.Die Index 7. Blue Die.	4.90 0.03 0.01	4.01 3.82 3.72
57 CK	FCI Electrical/ Burndy YA6C-2TC14E2 1 Year	#6 awg str long barrel lug, (2) 1/4" bolts on 3/4" on ctrs. Die Index Y2MR. Blue die U5CRT. 50/pk.	244.50 1.5 0.68	176.04 166.26 158.93
00 CH	Harger GECLB62B 1 Year	#6 gauge wire long barrel lug,. Dual 1/4" screw size holes with 3/4" spacing between holes.	2.70 0.06 0.03	1.60 1.52 1.48
00 CH	FCI Electrical/ Burndy YA6CL-2TC14E1 1 Year	#6 awg str standard barrel, (2) 1/4" bolts on 1" on ctrs .Die Index 7. Blue Die.	3.75 0.05 0.02	3.05 2.91 2.83
50 CK	FCI Electrical/ Burndy YA6CL-2TC14E1 1 Year	#6 awg str standard barrel, (2) 1/4" bolts on 1" on ctrs. Die Index Y2MR. Blue die U5CRT. 50/pk.	186.00 1.55 0.7	133.92 126.48 120.90
05 CH	FCI Electrical/ Burndy YA6CL-2TC38 1 Year	#6 awg str standard barrel, (2) 3/8" bolts on 1" on ctrs .Die Index 7. Blue Die.	3.75 0.01 0	3.05 2.91 2.83
13 CK	FCI Electrical/ Burndy YA6CL-2TC38 1 Year	#6 awg str standard barrel, (2) 3/8" bolts on 1" on ctrs. Die Index Y2MR. Blue die U5CRT. 50/pk.	186.00 1.5 0.68	133.92 126.48 120.90
08 CH	FCI Electrical/ Burndy YA6C-2TC38 1 Year	#6 awg str long barrel lug, (2) 3/8" bolts, 1" on centers..Die Index 7. Blue Die.	4.95 0.03 0.01	4.03 3.83 3.74
V 85 CK	Andrew Corporation 244456 1 Year	#6 awg str long Barrel lug, 3/4" bolts 5/8" ctrs.Die Index 7. Blue Die.	20.00 0.02 0.01	14.50 13.50 12.50
16 CK	FCI Electrical/ Burndy YA6C-2TC38 1 Year	#6 awg str long barrel lug, (2) 3/8" bolts, 1" on centers. Die Index Y2MR. Blue die U5CRT. 50/pk.	245.50 1.66 0.75	176.76 166.94 159.58
18 CH	Harger GECLB62C 1 Year	#6 size cable long barrel lug,Two hole, 1" spacing between 3/8" holes. Blue color code.	6.65 0.06 0.03	3.93 3.74 3.65
14 CH	FCI Electrical/ Burndy YA4C-2TC14 1 Year	#4 awg str long barrel lug, (2) 1/4" bolts on 5/8" on ctrs.Die Index 8. Gray Die.	4.95 1 0.45	4.03 3.83 3.74
15 CH	FCI Electrical/ Burndy YA2CL-2TC14 1 Year	#2 awg str standard barrel,(2) 1/4" bolts on 5/8" ctrs. Die Index 10. Brown Die.	4.70 0.05 0.02	3.83 3.64 3.55
14 CH	FCI Electrical/ Burndy YA4CL-2TC38 1 Year	#4 awg str standard barrel, (2) 3/8" bolts on 1" on ctrs .Die Index 8. Gray Die.	4.15 0.03 0.01	3.38 3.22 3.14
19 CK	FCI Electrical/ Burndy YA4CL-2TC38 1 Year	#4 awg str standard barrel, (2) 3/8" bolts on 1" on ctrs .Die Index 8,Y2MR. Gray die U4CRT. 50/pk.	206.00 1.5 0.68	148.32 140.08 133.90
19 CH	FCI Electrical/ Burndy YA2CL-2TC14E2 1 Year	#2 awg str standard barrel, (2) 1/4" bolts on 3/4" on ctrs.Die Index 10,Y2MR. Brown die U2CRT.	4.70 0.05 0.02	3.83 3.64 3.55
14 CH	FCI Electrical/ Burndy YA2CL-2TC14E1 1 Year	#2 awg str standard barrel, (2) 1/4" bolts on 1" centers. Die Index 10,Y2MR. Brown die U2CRT.	6.45 0.05 0.02	5.27 5.01 4.88

Continuing product table (3 of 3)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
55631 6 PACK	FCI Electrical/ Burndy YA2C-2TC38 1 Year	#2 cable long barrel lug . Two 3/8" holes. Brown band.	35.65 0.4 0.18	29.23 27.80 27.09
32477 50 PACK	FCI Electrical/ Burndy YA3C-2TC14E2 1 Year	#2 solid long barrel lug, (2) 1/4" bolts on 3/4" ctrs. Die Index 9.White die U3CRT. 50/pk.	282.50 2.5 1.14	203.40 192.10 183.63
38722 50 PACK	FCI Electrical/ Burndy YA3C-2TC38 1 Year	#2 solid long barrel lug, (2) 3/8" bolts on 1" ctrs. Die Index9,White die U3CRT. 50 pk.	315.00 2.46 1.12	226.80 214.20 204.75
49167 1 EACH	FCI Electrical/ Burndy YA3C-2TC38 1 Year	#2 solid long barrel lug, (2) 3/8" bolts on 1" ctrs. Die Index9. White Die.	6.30 0.05 0.02	5.17 4.92 4.79
77115 25 PACK	FCI Electrical/ Burndy YA2CL-2TC14 1 Year	#2 awg str standard barrel,(2) 1/4" bolts on 5/8" ctrs. Die Index 10,Y2MR. Brown die U2CRT. 25/pk.	116.50 2 0.91	83.88 79.22 75.73
NEW 441127 1 EACH	FCI Electrical/ Burndy YAZV2C-2TC14-FX 1 Year	#2 stranded long barrel lug, (2) 1/4" holes spaced .625" apart. Brown die set.	8.25 0.05 0.02	6.77 6.44 6.27
35953 1 EACH	FCI Electrical/ Burndy YA2C2L 1 Year	#2 str short barrel lug, (2) 5/16" bolts on 3/4" ctrs. Die Index 10. Brown Die.	5.90 0.05 0.02	4.81 4.58 4.46
10143 1 EACH	FCI Electrical/ Burndy YA2CL-2TC38 1 Year	#2 awg str standard barrel, (2) 3/8" bolts on 1" ctrs. Die Index 10. Brown Die.	4.70 0.05 0.02	3.83 3.64 3.55
25508 25 PACK	FCI Electrical/ Burndy YA2CL-2TC38 1 Year	#2 awg str standard barrel, (2) 3/8" bolts on 1" ctrs. Die Index 10,Y2MR. Brown die U2CRT. 25/pk.	116.50 1.33 0.6	83.88 79.22 75.73
61132 1 EACH	FCI Electrical/ Burndy YA2C-2TC38 1 Year	#2 str long barrel lug, (2) 3/8" bolts on 1" ctrs. Die Index10. Brown Die.	5.95 0.06 0.03	4.88 4.64 4.52
44893 1 EACH	Harger GECLB2-2C 1 Year	#2 size cable long barrel lug, two 3/8 " screw size holes.1 " strs.Brown band.	2.70 0.04 0.02	2.30 2.22 2.11
37033 1 EACH	FCI Electrical/ Burndy YA2C-2L 1 Year	#2 str long barrel lug, (2) 5/16" bolts on 3/4" centers. Die Index 10. Brown die.	5.90 0.06 0.03	4.81 4.58 4.46
63901 25 PACK	FCI Electrical/ Burndy YA2C-2TC38 1 Year	#2 str long barrel lug, (2) 3/8" bolts on 1" ctrs. Die Index10,Y2MR. Brown die U2CRT. 25 pk.	148.50 1.5 0.68	106.92 100.98 96.53
87035 1 EACH	FCI Electrical/ Burndy YA25L-2TC38 1 Year	1/0 str standard barrel lug, (2) 3/8" bolts on 1" ctrs. Die-Index 12, Pink die U25RT.	6.95 0.08 0.04	5.70 5.43 5.29
35428 1 EACH	FCI Electrical/ Burndy YA25-2TC38 1 Year	1/0 str long barrel lug, (2) 3/8" bolts on 1" ctrs. Die Index 12. Pink Die.	7.45 0.09 0.04	6.10 5.80 5.65
73821 1 EACH	FCI Electrical/ Burndy YA26L-2TC38 1 Year	2/0 str standard barrel lug, (2) 3/8" bolts on 1" ctrs. Die-Index 13. Black Die.	6.80 0.09 0.04	5.56 5.29 5.16
22214 1 EACH	FCI Electrical/ Burndy YA26-2TC38 1 Year	2/0 str long barrel lug, , (2) 3/8" bolts on 1" ctrs. Die Index 13. Black die	8.75 0.1 0.05	7.15 6.81 6.63
60607 1 EACH	FCI Electrical/ Burndy YA28L-2TC38 1 Year	4/0 str standard barrel lug, (2) 3/8" bolts on 1" ctrs. Die-Index 15. Purple Die.	8.70 0.14 0.06	7.13 6.78 6.61
79234 1 EACH	FCI Electrical/ Burndy YA28-2TC14E2 1 Year	4/0 str long barrel lug, (2) 1/4" bolts on 3/4" ctrs. Die Index 15. Purple Die.	9.40 0.7 0.32	8.08 8.08 8.08
79251 1 EACH	FCI Electrical/ Burndy YA28-2NTC38 1 Year	4/0 str long barrel lug, (2) 3/8" bolts on 1 3/4" ctrs. Die Index 15. Purple Die.	9.40 0.7 0.32	8.74 8.74 8.74
99000 1 EACH	FCI Electrical/ Burndy YA28-2TC38 1 Year	4/0 str long barrel lug, (2) 3/8" bolts on 1" ctrs. Die Index 15. Purple Die.	9.85 0.17 0.08	8.07 7.67 7.48
47393 1 EACH	FCI Electrical/ Burndy YAV28L2TC38FX 1 Year	4/0 FLEX. str standard barrel lug, (2) 3/8" bolts on 1" ctrs. Die Index 15. Purple Die.	8.80 0.17 0.08	7.19 6.84 6.66

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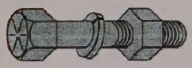
Mechanical Ground Lugs.

63384 82263

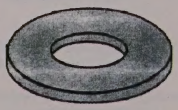
Copper mechanical ground lug.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
63384 1 EACH	FCI Electrical/ Burndy KA25 1 Year	Mech. ground lug for use with #4 to 1/0 stranded cable. Single 3/8" hole. 0	6.10 0.12 0.05	4.98 4.74 4.62
76598 100 PACK	FCI Electrical/ Burndy KA25 1 Year	Mech. ground lug for use with #4 to 1/0 stranded cable. Single 3/8" hole.	607.00 10 4.54	437.04 412.76 394.55
82328 1 EACH	Harger GECLB6 1 Year	Long barrel compression lug for #6 size cable. Single1/ 4" screw size hole.Blue Band	1.55 0.04 0.02	1.32 1.28 1.21
82263 100 PACK	FCI Electrical/ Burndy KA4C 1 Year	Mech. ground lug for use with #14 to #4 awg copper ground wire.Use with 1/4" bolt.100 pk.	227.00 3.19 1.45	163.44 154.36 147.55
62906 1 EACH	FCI Electrical/ Burndy KA4C 1 Year	Mech. ground lug for use with #14 to #4 awg copper ground wire.Use with 1/4" bolt.	2.30 0.03 0.01	1.87 1.78 1.73
91379 1 EACH	FCI Electrical/ Burndy KC23B1 1 Year	Mech. ground lug for use with #8-2 strand #10-1 solid wire. 3/8-16 threaded stud.	25.75 0.13 0.06	18.53 17.50 16.73

Lug Hardware



29103

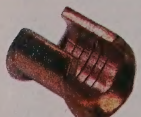


27536

Don't forget to buy hardware to attach the lugs to the ground bar.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
29103 10 PACK	Microflect/Valmont B833 1 Year	1/4" dia. x 3/4" long stainless steel bolt,nut and lock-washer assembly. 10 pack.	2.75 0.03 0.01	2.71 2.70 2.69
27536 10 PACK	Microflect/Valmont B871 1 Year	1/4" stainless steel flat washers. 10 pack.	2.00 0.1 0.05	1.97 1.96 1.95
64383 10 PACK	Microflect/Valmont B842 1 Year	3/8" dia. x 1" long stainless steel bolt,nut and lock-washer assembly. 10 pack.	6.25 0.6 0.27	6.16 6.13 6.10

Compression C Taps.



34179

Type YC-L is a highly conductive copper connector for making parallel and multiple tap connections. Features range taking capabilities and easy installation.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 420136 1 EACH	Wireless Solutions MT-580 1 Year	#2AWG - #2 AWG. Copper, not colored with a die index.	5.50 0.1 0.05	5.45 5.37 5.28
NEW 463121 1 EACH	Wireless Solutions MT-579 1 Year	#2 AWG - #6 AWG. Copper, not colored with a die index.	1.90 0.1 0.05	1.85 1.82 1.79
65098 2 PACK	FCI Electrical/ Burndy YCHC2TC2	2-6 str/solid main tap #1 2-6 str/sol tap #2 8-14 Brown	9.60 1 0.45	7.68 7.40 7.16
76894 10 PACK	FCI Electrical/ Burndy YCHC2TC2	2-6 str/solid main tap #1 2-6 str/sol tap #2 8-14 Brown color	48.00 0.5 0.23	38.40 36.96 35.76

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
34179 1 EACH	FCI Electrical/ Burndy YC6L12 1 Year	#8 main to #8-#10 Tapor #6 main to #10-#12Tap.Gray die W4CVT. Die Index 8.	2.05 0.02 0.01	
72572 1 EACH	FCI Electrical/ Burndy YC4L12 1 Year	#6 main to #6-#8 tap or #4 main to #8-#12 Tap. Brown die W2CVT.Die Index 10.	2.50 0.09 0.04	
20965 1 EACH	FCI Electrical/ Burndy YC2L12 1 Year	#4 main to #4 tap or #2 main to #6-#12 tap. Pink die W25VT. Die Index 12.	3.60 0.04 0.02	
59358 1 EACH	FCI Electrical/ Burndy YC1L12 1 Year	#2 main to #4 tap or #1 main to #6-#12 tap. Black die W26VT.Die Index 13. *same as Thomas & Betts 54735*	4.10 0.06 0.03	
NEW 462121 1 EACH	FCI Electrical/ Burndy YC25L12 1 Year	#2 main to #2 tap or 1/0 to #6-#12 . Orange die W27VT. Die Index 14.	5.20 0.08 0.04	
97751 1 EACH	FCI Electrical/ Burndy YC25L12 1 Year	#2 main to #2 tap or 1/0 main to #6-#12 tap. Orange die W27RT. Die Index 14.	5.20 0.08 0.04	
46144 1 EACH	FCI Electrical/ Burndy YC26L12 1 Year	Can be used for the following size combinations: #1 run to #2 or #1 tap, 1/0 run to #3 or #2 tap and 2/0 run to #12 - #3 tap. Use MD6 crimper with W28VT die set.	5.85 0.11 0.05	
84537 1 EACH	FCI Electrical/ Burndy YC27L12 1 Year	1/0 main to 1/0 tap or 2/0 main to #2 tap.Yellow die W29VT. Die Index 16.	6.25 1 0.45	

T&B Compression C Taps

441353

Thomas & Betts Color Keyed products must be installed with the appropriate Color Keyed tool to ensure a complete connection.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
NEW 441353 200 PACK	Thomas and Betts 54705 2 Year	10 str./solid main, 12 str./solid tap, Red color key	90.80 0.96 0.44	
NEW 499339 25 PACK	Thomas and Betts 54750 2 Year	3/0 str. main, 12-2 str./solid tap; 1/0 str. main, 1 str. or 1/ 0 str. tap;Yellow color key	146.00 2.75 1.25	
NEW 422331 100 PACK	Thomas and Betts 54715 2 Year	10 str./solid main, 8-6 str./solid tap; 8 str./solid main, 10-8 str./solid tap; 6 str./sold main, 8 str./solid tap; Gray color key	186.00 1.3 0.59	
NEW 430334 100 PACK	Thomas and Betts 54730 2 Year	10-6 str./sol main, 2 str./sol tap; 4 str./sol main, 4 str./sol tap; 2 str./sol main, 12-6 str./sol tap; Pink color key	324.00 4.15 1.89	
NEW 484350 100 PACK	Thomas and Betts 54710 2 Year	8 str./solid main, 10 str./solid tap, Blue color key	178.00 1.06 0.48	
NEW 452305 100 PACK	Thomas and Betts 54720 2 Year	8 str./sol main, 6-4 str./sol tap; 6 str./sol main, 8-6 str./sol tap; 4 str./sol main, 12-8 str./sol tap; Brown color key	220.00 2.9 1.32	
NEW 461349 100 PACK	Thomas and Betts 54725 2 Year	4 str/sol main, 6 str/sol tap, green color key	276.00 3.9 1.77	
NEW 491315 100 PACK	Thomas and Betts 54735 2 Year	1 str. main,12-6 str./sol tap; 2 str./sol main, 4 str./sol tap; Black color key	386.00 6.75 3.07	
NEW 477381 50 PACK	Thomas and Betts 54740 2 Year	1/0str. main, 12-4 str./solid tap; 1 str. main, 4 str./solid tap; 2 str./solid main, 2 str./solid tap; Orange color key	231.00 4.4 2	
NEW 432316 25 PACK	Thomas and Betts 54745 2 Year	2/0 str. main, 12-4 str./solid tap; 1/0 str. main, 2 str./solid tap; 1 str. main, 2 str./solid or 1 str. tap; Purple color key	134.00 2.55 1.16	

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eavy Duty C-taps.

28152

Copper compression heavy duty C-tap. UL467 Listed for Direct Burial.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
52 CH	FCI Electrical/ Burndy YGHC2C2 1 Year	#2 str. to #6 SOLID. Die Index C.	5.65 0.08 0.04	4.62 4.40 4.28
45 CH	FCI Electrical/ Burndy YGHC26C2 1 Year	#1 str. to #6 SOLID. 2/0 str.,to 2/0 str. Die Index U-O.	11.75 0.02 0.01	9.38 9.03 8.74
74 CH	FCI Electrical/ Burndy YC2C4	#2 sol/strand main to#8 sol to #4 strand tap. Die Index C.	5.85 0.1 0.05	4.21 3.98 3.80
38 CH	FCI Electrical/ Burndy YGHC26C26 1 Year	#1 str. to #1 str. 2/0 str., to 2/0 str. Die Index U-O.	11.75 0.02 0.01	9.38 9.03 8.74

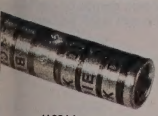
ound Rod Connector.

66327

Copper compression ground rod connector. UL467 listed for direct burial. Attaches to copper-clad,Stainless or Galvanized ground Rods. Tinned connector accommodates one continuous run and one tap may be connected to ring ground.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 158 CH	FCI Electrical/ Burndy YGHP58C2W2 1 Year	(2) #2 Solid-#6 solid to 1/2"-5/8" Rod. Die Index 997, Orange Die. Not Tinned.	20.00 0.12 0.05	16.40 15.60 15.20
27 CH	FCI Electrical/ Burndy YGHP58C2W2TN 1 Year	(2) #2 Solid-#6 solid to 1/2"-5/8" Rod. Die Index 997, Orange Die. Tinned copper.	17.85 0.12 0.05	14.63 13.91 13.56

B Two Way Compression Splice



419316

Thomas & Betts Color-Keyed Two Way Compression Splices come in both long and short barrel lengths. Made of high conductivity wrought copper and finished with an electro tin plating, they require the use of the appropriate Color-Keyed tool for proper installation.

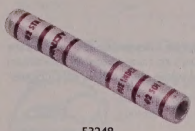
uing product table (1 of 2)

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 116 CK	Thomas and Betts 54504 2 Year	#8 cable, short barrel, two way splice, red color key	76.00 0.6 0.27	69.92 68.40 66.88
W 181 CK	Thomas and Betts 54804 2 Year	#8 cable, long barrel, two way splice, red color key	92.00 0.87 0.4	84.64 82.80 80.96
W 199 CK	Thomas and Betts 54505 2 Year	#6 cable, short barrel, two way splice, blue color key	132.00 0.61 0.28	121.44 118.80 116.16
W 06 CK	Thomas and Betts 54805 2 Year	#6 cable, long barrel, two way splice, blue color key	174.00 1.01 0.46	160.08 156.60 153.12
W 42 CK	Thomas and Betts 54506 2 Year	#4 cable, short barrel, two way splice, grey color key	156.00 0.9 0.41	143.52 140.40 137.28
W 32 CK	Thomas and Betts 54806 2 Year	#4 cable, long barrel, two way splice, grey color key	212.00 1.45 0.66	195.04 190.80 186.56
W 63 CK	Thomas and Betts 54507 2 Year	#2 cable, short barrel, two way splice, brown color key	97.00 0.69 0.31	89.24 87.30 85.36

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 472389 25 PACK	Thomas and Betts 54807 2 Year	#2 cable, long barrel, two way splice, brown color key	126.00 0.99 0.45	115.92 113.40 110.88
NEW 421326 20 PACK	Thomas and Betts 54508 2 Year	#1code and #2flex cable, short barrel, two way splice, green color key	92.00 0.72 0.33	84.64 82.80 80.96
NEW 445305 20 PACK	Thomas and Betts 54808 2 Year	#1code and #2flex cable, long barrel, two way splice, green color key	118.00 9 4.09	108.56 106.20 103.84
NEW 441350 10 PACK	Thomas and Betts 54509 2 Year	1/0code and #1flex cable, short barrel, two way splice, pink color key	47.60 0.47 0.21	43.80 42.84 41.89
NEW 415313 10 PACK	Thomas and Betts 54809 2 Year	1/0code and #1flex cable, long barrel, two way splice, pink color key	55.60 0.58 0.26	51.16 50.04 48.93

Compression Butt Splice.



53248

Copper compression reducing butt splice.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
53248 1 EACH	FCI Electrical/ Burndy YR2C2WT 1 Year	#2 Solid to #2 strand. Tapered HV ends. Die Index 10. Brown Die.	36.20 0.17 0.08	29.67 28.22 27.50

T&B Cable to Cable or Rod Connector

478329

Thomas & Betts EZ Ground Cable to Cable or Rod can be used to make either a compression "T" or "X" connection and are an excellent replacement for exothermic welds. The one piece constructions are made of wrought copper and are suitable for direct burial or in concrete. Conforms to IEEE standard 837 and requires the appropriate Thomas & Betts Color Keyed tool.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 478329 5 PACK	Thomas and Betts GG21-21 2 Year	Wrought copper connecter for grids, both "T" and "X" connection. #2 or #1 cable/main, #2 or #1 cable/tap, installing die 15526, 14 and 15 ton tools only. Suitable for direct burial.	70.40 1.39 0.63	64.77 63.36 61.96
NEW 431340 5 PACK	Thomas and Betts GG10-10 2 Year	Wrought copper connecter for grids, both "T" and "X" connection. #1/0 cable/main, #1/0 cable/tap, installing die 15511, 14 and 15 ton tools only. Suitable for direct burial.	81.90 0.98 0.45	75.35 73.71 72.08

T&B Figure 8 Ground Rod Tap Connector

494317

Thomas & Betts EZ Ground Figure 8 Ground Rod Tap Connectors require the appropriate Thomas & Betts installation tool to ensure a proper connection.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 494317 1 EACH	Thomas and Betts GR12-202 2 Year	Figure 8 compression ground rod tap connector, 1/2" ground rod, 2AWG-2/0AWG tap, installing die 15G121R, 14 and 15 ton tools only	25.45 0.41 0.19	23.39 22.88 22.37
NEW 429341 1 EACH	Thomas and Betts GR58-202 2 Year	Figure 8 compression ground rod tap connector, 5/8" ground rod, 2AWG-2/0AWG tap, installing die 15G121R, 14 and 15 ton tools only	24.30 0.42 0.19	22.34 21.86 21.37

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T&B Figure 6 to 8 Ground Rod to Grid

411373

Thomas & Betts EZ Ground Figure 6 to 8 Compression Ground Rod to Grid Connections require the appropriate Thomas & Betts installation tool to ensure a proper connection.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 411373 1 EACH	Thomas and Betts 54855LR12 2 Year	Figure 6 to 8 compression ground rod to grid connector, 1/2" ground rod, 2AWG-250Kcmil, rod installing die 15G86R, Grid installing die 15G121R	65.80 0.83 0.38	60.52 59.21 57.89
NEW 418337 1 EACH	Thomas and Betts 54865LR58 2 Year	Figure 6 to 8 compression ground rod to grid connector, 5/8" ground rod, 2AWG-250Kcmil, rod installing die 15G86R, Grid installing die 15G121R	67.70 0.77 0.35	62.29 60.93 59.58

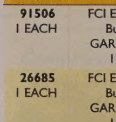
T&B Grid to Fence Grounding Clamps

419349

Thomas & Betts Color Keyed Grid to Fence Grounding Clamps create a reliable connection of copper conductors to round steel or aluminum fence posts. The U-bolt is made of steel while the body is cast copper alloy.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 419349 2 PACK	Thomas and Betts FG210R2 2 Year	For bonding copper grid cables to round fence posts and top rails. Steel U-bolt, cast copper alloy body. Grid cable #2-#1-#1/0, 2" post, die code 66	78.70 2.16 0.98	72.39 70.82 69.24
NEW 498368 2 PACK	Thomas and Betts FG210R25 2 Year	For bonding copper grid cables to round fence posts and top rails. Steel U-bolt, cast copper alloy body. Grid cable #2-#1-#1/0, 2 1/2" post, die code 66	68.00 2.42 1.1	62.53 61.17 59.81
NEW 496365 2 PACK	Thomas and Betts FG210R3 2 Year	For bonding copper grid cables to round fence posts and top rails. Steel U-bolt, cast copper alloy body. Grid cable #2-#1-#1/0, 3" post, die code 66	66.50 0.55 0.25	61.17 59.84 58.51

Pipe Ground Clamps.

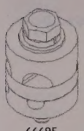


91506

Ground clamp to terminate compression lugs to pipe. UL467 listed. Order TMH hardware kit seperately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
91506 1 EACH	FCI Electrical/ Burndy GAR3902TC 1 Year	.840"-1.32" OD pipe. Lug:(2) 3/8" bolts on 1" ctrs.	41.60 2 0.91	34.08 32.42 31.59
26685 1 EACH	FCI Electrical/ Burndy GAR3903TC 1 Year	1.66"-2.38" OD pipe. Lug:(2) 3/8" bolts on 1" ctrs.	55.05 1.29 0.59	45.12 42.92 41.82
65078 1 EACH	FCI Electrical/ Burndy GAR3904TC 1 Year	2.88"-4.00" OD pipe. Lug:(2) 3/8" bolts on 1" ctrs.	83.15 1.31 0.6	68.16 64.84 63.18
51864 1 EACH	FCI Electrical/ Burndy TMH-289 1 Year	3/8"x1-1/4" DURIUM silicon bronze hardware kit.	9.30 0.06 0.03	7.43 7.15 6.92
60123 1 EACH	FCI Electrical/ Burndy TMH-267 1 Year	3/8"x 1" DURIUM silicon bronze hardware kit.	19.15 0.06 0.03	15.32 14.74 14.26

Fence Fabric Grounding Clamp

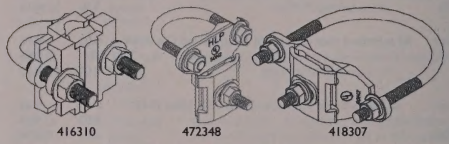


66695

Fence grounding systems are designed to provide protection against dangerou "touch" potentials. The fence fabric ground clamp is an integral component of personnel safety systems.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
66695 1 EACH	Harger FGC2 1 Year	#2 ground wire	5.00 0.4 0.18	4 4 3

Copper Pipe Clamps

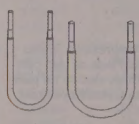


416310 472348 418307

Manufactured from electroplated tinned bronze, pipe clamps provides a wide conductor r from #6 through 250 MCM. Features "quick-connect", bi-directional design. PEM (R) stud ensures a flush mounting surface. Dual UL Listing (UL96 & UL467).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 416310 1 EACH	Harger CPC.5/.75 1 Year	For nominal pipe sizes .50" to .75" (.84" - 1.00" OD).	12.65 0.4 0.18	10 10 9
NEW 472348 1 EACH	Harger CPC1/1.25 1 Year	For nominal pipe sizes 1.00" to 1.25" (1.315" - 1.16" OD).	15.50 0.4 0.18	13 13 12
NEW 451339 1 EACH	Harger CPC1.5/2 1 Year	For nominal pipe sizes 1.50" to 2.00" (1.875" - 2.375" OD).	16.35 0.65 0.3	13 13 12
NEW 448309 1 EACH	Harger CPC2.5/3 1 Year	For nominal pipe sizes 2.50" to 3.00" (3.00" - 3.50" OD).	19.05 0.65 0.3	16 15 14
NEW 418307 1 EACH	Harger CPC3.5/4 1 Year	For nominal pipe sizes 3.50" to 4.00" (4.00" - 4.50" OD).	21.90 0.65 0.3	18 17 17

Exothermic Bonding Jumpers



70475

Flexible gate jumpers are used in the grounding of fences and fence p These jumpers can be used with universal pipe clamps or can be exo mically welded to fence or post. Standard length is 24', but any length be special ordered.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
32082 1 EACH	Harger GJX2/024 1 Year	24" jumper made of 2/0 stranded jacketed cable.	27.15 1 0.45	16 15 14
70475 1 EACH	Harger GJX4/024 1 Year	24" jumper made of 4/0 stranded jacketed cable.	35.40 1 0.45	20 19 19

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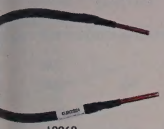
xible Gate Jumpers



18868

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
868 CH	Harger GJX2S24 1 Year	24" jumper made of #2 solid jacketed cable.	26.35 1 0.45	15.55 14.79 14.44

B Ground Rod Clamps

353

Thomas & Betts Blackburn Ground Rod Clamps come in both a standard and economical version depending on your application need. Both are made of a high strength copper alloy for corrosion resistance and create a reliable connection to ground rods.

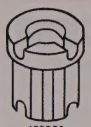
No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 353 PACK	Thomas and Betts JAB12H 2 Year	High strength corrosion resistant copper alloy, hex head screw, 1/2" rod, cable #2str max-#10 solid min	210.00 11.4 5.18	193.20 189.00 184.80
EW 327 ACK	Thomas and Betts JAB58H 2 Year	High strength corrosion resistant copper alloy, hex head screw, 5/8" rod, cable #1/0str max-#8 solid min	92.00 6.48 2.95	84.64 82.80 80.96
EW 342 PACK	Thomas and Betts G4 2 Year	A dependable connection at a substantial saving. High strength corrosion resistant copper alloy, hex head screw, 1/2" rod, cable #2str max-#10 solid min	166.00 10.68 4.85	152.72 149.40 146.08
EW 340 ACK	Thomas and Betts G5 2 Year	A dependable connection at a substantial saving. High strength corrosion resistant copper alloy, hex head screw, 5/8" rod, cable #2str max-#10 solid min	70.00 5.22 2.37	64.40 63.00 61.60

ound Rod Clamps

44388 68590 68886 78417

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
188 CH	Harger 305 1 Year	Ground rod clamp- handles 2 horizontal conductors up to 250 MCM & 1 vertical conductor up to 500 MCM. Fits ground rods thru 1" diameter.	13.85 0.18 0.08	8.18 7.77 7.59
590 CH	Harger 301LD 1 Year	Bronze clamp for 5/8" copper ground rod.	2.30 0.1 0.05	1.35 1.28 1.25
177 CH	Erico Products, Inc. CP58 1 Year	Bronze clamp for 5/8" copper ground rod.	1.65 0.1 0.05	0.96 0.93 0.90
186 CH	Erico Products, Inc. S58 1 Year	Galvanized clamp for 5/8" galvanized ground rod.	1.90 0.18 0.08	1.11 1.07 1.03
117 CH	Harger 301 1 Year	Bronze clamp for 5/8" copper ground rod. Heavy duty version with more than 2" of contact area with cables and ground rod.	9.20 0.18 0.08	5.42 5.15 5.04

T&B DGC Drive-on Ground Clamp



453350

Thomas & Betts Blackburn Drive-on Ground Clamps ensure a reliable compression fit connection with a tool free installation. Unique copper alloy provides for high tensile strength amd long term corrosion resistance for direct burial.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 453350 25 PACK	Thomas and Betts DGC58-44 2 Year	Drive-on design provides for easy tool free installation, high strength copper alloy. 5/8" rod, 1 or 2 #4 solid	280.50 4 1.82	258.06 252.45 246.84
NEW 418328 25 PACK	Thomas and Betts DGC58-66 2 Year	Drive-on design provides for easy tool free installation, high strength copper alloy. 5/8" rod, 1 or 2 #6 solid	224.50 4 1.82	206.54 202.05 197.56
NEW 497334 25 PACK	Thomas and Betts DGC58-46 2 Year	Drive-on design provides for easy tool free installation, high strength copper alloy. 5/8" rod, 1 #4 solid & 1 #6 solid	280.50 4 1.82	258.06 252.45 246.84

T&B GTC Tower Ground Clamps

428321

Thomas & Betts Type GTC Tower Ground Clamps are cast from a high strength corrosion resistant copper alloy and are ideal for reliably connecting ground wire to a flat metal surface or tower footing.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 428321 25 PACK	Thomas and Betts GTC23 2 Year	Two piece clamps for connecting cable to flat metal surfaces on towers. Corrosion resistant copper alloy. 2/0str to #4sol, 1/4" channel thickness	396.50 6.63 3.01	364.78 356.85 348.92
NEW 435327 25 PACK	Thomas and Betts GTC24 2 Year	Two piece clamps for connecting cable to flat metal surfaces on towers. Corrosion resistant copper alloy. 250Kcmil to 2/0str, 1/4" channel thickness	795.50 11 5	731.86 715.95 700.04

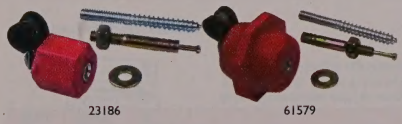
Split Bolts

26677

Servit Posts are used to ground one or two cables to steel structures, fence posts or transformers. Also used to tap one or two cables from the bus bar. One wrench installation.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
26677 1 EACH	FCI Electrical/ Burndy KC23 1 Year	3/8-16 stud size servit post. Use with #8-#2 stranded or #10-#1 solid cable.	24.50 1 0.45	19.60 18.86 18.25

Halo Standoff Clamps



23186 61579

HARGER Halo standoff clamp. Used for mounting interior halo grounding rings and accommodates up to 2/0 stranded bare conductors. Supplied with two anchors for mounting to masonary and stud walls.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
23186 1 EACH	Harger HSC100 1 Year	Holds Halo 1" off the wall	7.80 0.14 0.06	4.61 4.38 4.28
61579 1 EACH	Harger HSC150 1 Year	Holds halo off 1.5" off the wall	15.00 0.03 0.01	8.85 8.42 8.22

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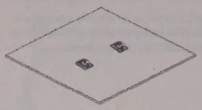
Grounding Plate



26810

Copper Ground Plate features an 18" or 24" copper conductor exothermically welded to the plate.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
26810 1 EACH	Harger 335 1 Year	18" x 18" x .032" copper ground plate. Features two dual cable connections. Will accept cables from #2 stranded to 4/0.	64.25 15 6.82	37.91 36.05 35.21
73415 1 EACH	Harger GP2424-2T 1 Year	Ground Plate 24" x 24" copper conductor exothermically welded to the plate.	129.90 10 4.54	76.63 72.87 71.18

Ground Inspection Well

43771

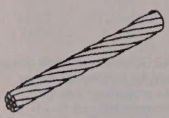
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
43771 1 EACH	Harger 360PBS 1 Year	10" diameter x 24" deep test well gives access to grounding system for test purposes. Made of PVCand has a flat steel cover.	194.25 17.96 8.16	114.61 108.98 106.45
448000 1 EACH	Harger GAW910 1 Year	9" diameter x 10.25" deep test well gives access to grounding system for test purposes. Made of moled high density polyethylene well with a twist lock cover.	72.00 4.5 2.05	42.48 40.40 39.46
486018 1 EACH	Harger 362PS12CILS80 1 Year	12" diameter x 12" diameter PVC well. Cast iron cover fits into cast iron for extra support.	144.50 42 19.09	85.26 81.07 79.19
71632 1 EACH	Tower Structures VTW 50 Years	Top lip diameter-10 3/4" outside & 9 1/4" inside,Inside diameter bottom is 11 1/2" & out side is 13", length is 10 1/2". Observation test well. Lidded PVC enclosure designed for easy access and testing of your enhanced chemical ground rod system.	18.00 5.2 2.36	18.00 17.64 17.46
23057 1 EACH	Harger 360PBG 1 Year	10" diameter x 24" deep test well gives access to grounding system for test purposes. Made of PVC and has a grated iron cover.	205.05 10 4.54	120.97 115.03 112.36

Ground Wire [452-20]

If you are buying these, you might need:

Lightning Protectors and Air Terminals . . . . . .page 546
Exothermic Ground Connections. . . . . .page 577

Copper Ground Wire



41912

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Gauge	Type	Tinned (Y/N)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 452345 1 FOOT	Wireless Solutions BARE-18-SOL 1 Year	#18	Solid	No	0.20 0.1 0.05	0.12 0.11 0.11
NEW 491370 1 FOOT	Wireless Solutions BARE-6-SOL 1 Year	#6	Solid	No	0.40 0.1 0.05	0.23 0.22 0.22
95018 1 FOOT	Harger #6 1 Year	#6	Solid	No	0.70 0.1 0.05	0.44 0.42 0.41
NEW 481111 1 FOOT	Wireless Solutions MT-586-G 3 Years	#6	Insulated/ Stranded	No	0.60 0.2 0.09	0.35 0.33 0.33

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Gauge	Type	Tinned (Y/N)	List ($) Wt. (lbs) Wgt. (kg.)	T
77168 1 FOOT	Harger #6-7G 1 Year	#6	Insulated/ Stranded	No	0.55 0.1 0.05	0 0 0
11119 1 FOOT	Harger 6-7 1 Year	#6	Stranded	No	0.40 0.1 0.05	0 0 0
NEW 499136 1 FOOT	Wireless Solutions MT-587 3 Years	#6	Bare Copper	No	0.35 0.2 0.09	0 0 0
NEW 493332 1 FOOT	Wireless Solutions BARE-4-SOL 1 Year	#4	Solid	No	0.55 0.13 0.06	0 0 0
43411 1 FOOT	Harger #4 1 Year	#4	Solid	No	0.55 0.13 0.06	0 0 0
NEW 475357 1 FOOT	Wireless Solutions BARE-2-SOL 1 Year	#2	Solid	No	0.80 0.2 0.09	0 0 0
NEW 439195 1 FOOT	Wireless Solutions MT-585-T 3 Years	#2	Solid/Tinned	Yes	0.85 0.2 0.09	0 0 0
76002 1 FOOT	Harger 2 1 Year	#2	Solid	No	0.85 0.2 0.09	0 0 0
25476 1 FOOT	Harger 2T 1 Year	#2	Solid/Tinned	Yes	0.95 0.2 0.09	0 0 0
NEW 422359 1 FOOT	Microflect/Valmont B2377 1 Year	#2	Stranded/Insu-lated	N	0.80 0.3 0.14	0 0 0
NEW 413329 1 FOOT	Wireless Solutions MT-584-7-BLK 1 Year	#2	Insul/7-Stranded	No	1.05 0.2 0.09	0 0 0
NEW 497351 1 FOOT	Wireless Solutions MT-584-7-GRN 1 Year	#2	Insulated/ Stranded	No	1.05 0.2 0.09	0 0 0
NEW 420341 1 FOOT	Wireless Solutions MT-584-19-BLK 3 Years	#2	Insul/19 Stranded	No	0.95 0.2 0.09	0 0 0
NEW 463151 1 FOOT	Wireless Solutions MT-584-19-GRN 3 Years	#2	Insulated/ Stranded	No	0.95 0.2 0.09	0 0 0
NEW 481311 1 FOOT	Wireless Solutions BARE-2-7STR-TIN 1 Year	#2	Stranded	Yes	1.40 0.2 0.09	0 0 0
NEW 476196 1 FOOT	Wireless Solutions MT-585 3 Years	#2	Stranded	No	0.90 0.2 0.09	0 0 0
20100 1 FOOT	Harger #2-19G 1 Year	#2	Insulated/ Stranded	No	1.10 0.1 0.05	0 0 0
41912 1 FOOT	Harger 2-7 1 Year	#2	Stranded	No	1.00 0.2 0.09	0 0 0
80305 1 FOOT	Harger 2-7T 1 Year	#2	Stranded	Yes	1.85 0.2 0.09	1 1 1
59847 1 FOOT	Harger 2-7G 1 Year	#2	Insulated/ Stranded	No	1.20 0.2 0.09	0 0 0
NEW 442349 1 FOOT	Wireless Solutions THHN-2/0 GN 3 Years	2/0	Green Insulated	No	1.85 0.2 0.09	1 1 1
NEW 481168 1 FOOT	Wireless Solutions MT-589 3 Years	2/0	Insulated/ Stranded	No	1.85 0.4 0.18	1 1 1
NEW 437392 1 FOOT	Wireless Solutions 4/0-19TIN 3 Years	4/0	19 Strand	Yes	3.55 0.65 0.3	2 2 2

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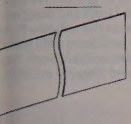
Ground Strap [452-22]

pper Grounding Strap



Copper strap will have lower inductance in any application where ground wire is used. On bare mountain tops, the strap's sharp edge will allow a lower voltage side flashing to the bare rock than wire.

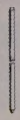
No. om	Manufacturer Mfg. P/N Warranty	Width	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
022 OT	Harger CUFS1516 1 Year	1-1/2"	1.35 0.93 0.42	0.80 0.76 0.74
10 OT	PolyPhaser 1.5" CU STRAP/25 10 Years	1-1/2"	25.95 2.25 1.02	22.84 21.28 20.25
03 OT	PolyPhaser 1.5" CU STRAP/50 10 Years	1-1/2"	51.95 5 2.27	45.72 42.60 40.53
96 OT	PolyPhaser 1.5" CU STRAP/75 10 Years	1-1/2"	75.95 7.5 3.41	66.84 62.28 59.25
17 OT	PolyPhaser 1.5CUSTRAP/100 10 Years	1-1/2"	100.95 9 4.09	88.84 82.78 78.75
067 OT	Harger CUFS2016 1 Year	2"	2.35 1.23 0.56	1.37 1.31 1.28
W 053 OT	Harger CUFS2032 1 Year	2" (.032 Thick)	4.80 1.23 0.56	2.84 2.70 2.63
68 OT	PolyPhaser 3.0" CU STRAP/25 10 Years	3"	51.95 2.5 1.14	45.72 42.60 40.53
75 OT	PolyPhaser 3.0" CU STRAP/50 10 Years	3"	100.95 9.3 4.23	88.84 82.78 78.75
82 OT	PolyPhaser 3.0" CU STRAP/75 10 Years	3"	150.95 7.5 3.41	132.84 123.78 117.75
89 OT	PolyPhaser 3"CU STR/100 10 Years	3"	197.95 19 8.64	174.20 162.32 154.41
095 OT	Harger CUFS6016 1 Year	6"	5.25 0.37 0.17	3.10 2.95 2.88
40 OT	PolyPhaser 6.0" CU STRAP/25 10 Years	6"	100.95 5 2.27	88.84 82.78 78.75
47 OT	PolyPhaser 6.0" CU STRAP/50 10 Years	6"	197.95 18.83 8.56	174.20 162.32 154.41
54 OT	PolyPhaser 6.0" CU STRAP/75 10 Years	6"	299.95 9 4.09	263.96 245.96 233.97
61 OT	PolyPhaser 6.0CUSTRAP/100 10 Years	6"	391.95 40 18.18	344.92 321.40 305.73

Ground Rods [452-30]

You'll also need these.

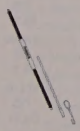
Ground Bars . . . . . page 560
Ground Wire . . . . . page 574
Ground Resistance Testers . . . . . page 1462

Ground Rods



Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size	Material	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
81804 1 EACH	Cadweld 615880 1 Year	5/8" x 8'	Copper Clad Steel	14.40 8 3.64	8.49 8.07 7.88
NEW 476174 1 EACH	Wireless Solutions MT-576 3 Years	5/8" x 8'	Copper Clad Steel	10.55 7 3.18	10.45 10.29 10.13
34210 1 EACH	Cadweld 635800 1 Year	5/8" x 10'	C.C. Steel/Sectional	19.55 8 3.64	11.53 10.96 10.71
68950 1 EACH	Cadweld 615800 1 Year	5/8" x 10'	Copper Clad Steel	18.60 8 3.64	10.97 10.43 10.19
47768 1 EACH	Cadweld 613400 1 Year	3/4" x 10'	Copper Clad Steel	29.95 11 5	17.67 16.80 16.41
60225 1 EACH	Cadweld 613420SP 1 Year	3/4" x 20'	Copper Clad Steel	80.95 11 5	47.74 45.40 44.34
NEW 411315 1 EACH	Microflect/Valmont B1382 1 Year	5/8" x 10'	Copper-clad Steel	15.00 4.2 1.91	14.78 14.70 14.63

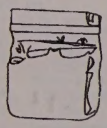
Ground Rod Drivers



Drives ground rods from ground level without the need for a ladder or sledge hammer. Insert prevents driver from slipping off ground rod at ground level and prevents "mushrooming" the top of the ground rod.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size	Material	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 420337 1 EACH	Harger GRD58 1 Year	For driving 1/2" & 5/8" ground rods	Includes Rod Driver and 5/8" Insert	171.45 10 4.54	114.28 114.28 114.28
NEW 466372 1 EACH	Harger GRD341 1 Year	For driving 3/4" ground rods	3/4" Insert for use with existing ground rod driver	57.15 0.75 0.34	38.09 38.09 38.09

Ground Enhancement Material



Improves grounding effectiveness regardless of soil conditions. Ideal for use in areas of poor conductivity, like rocky ground, mountain tops & sandy soil.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size	Material	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
75326 1 EACH	Cadweld GEM-25A 1 Year	25 Pound Bag	Aluminum Silicates	25.10 26 11.82	24.33 24.08 23.83
71625 1 EACH	Tower Structures VFILL 20 Years	5 Gal. Bucket	Ground Enhancement Material	24.00 50 22.72	24.00 23.52 23.28
78114 1 EACH	Harger ULTRAFILL 1 Year	50 Pound Bag	Carbon Based Backfill	45.00 50 22.72	26.55 25.25 24.66

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Chemical Ground Rods [452-31]

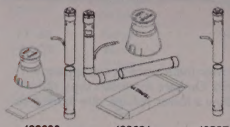
Enhanced Ground Rod Kits

44067

ERICO chemical ground electrodes provide a low-impedance ground in areas of high soil resistivity. Together with backfill material, the electrode system dissipates lightning energy and other dangerous electrical fault currents. 54mm OD Type K copper pipe contains natural electrolytic salts that permeate into the surrounding soil, lowering resistivity. Kits include the electrode, bentonite and GEM backfills and an access well. Easy connection to ground system using the pigtail.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size Shape	Conductor Test Well	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
27319 1 EACH	Cadweld ECRV10IT4U 35 Years	10' Vertical	2 Sol. Tinned Yes	520.00 100 45.45	514.80 512.20 509.60
44067 1 EACH	Cadweld ECRV102Q4U 35 Years	10' Vertical	4/0 Stranded Yes	520.00 100 45.45	514.80 512.20 509.60
44075 1 EACH	Cadweld ECRV12IT4U 35 Years	12' Vertical	2 Sol. Tinned Yes	624.00 110 50	617.76 614.64 611.52
44105 1 EACH	Cadweld ECRV122Q4U 35 Years	12' Vertical	4/0 Stranded Yes	624.00 110 50	617.76 614.64 611.52
44114 1 EACH	Cadweld ECRV15IT4U 35 Years	15' Vertical	2 Sol. Tinned Yes	750.00 125 56.81	742.50 738.75 735.00
44126 1 EACH	Cadweld ECRV152Q4U 35 Years	15' Vertical	4/0 Stranded Yes	750.00 125 56.81	742.50 738.75 735.00
44130 1 EACH	Cadweld ECRV20IT4U 35 Years	20' Vertical	2 Sol. Tinned Yes	980.00 135 61.36	970.20 965.30 960.40
44138 1 EACH	Cadweld ECRV202Q4U 35 Years	20' Vertical	4/0 Stranded Yes	980.00 135 61.36	970.20 965.30 960.40
44173 1 EACH	Cadweld ECRH10IT4U 35 Years	10' Horizontal	2 Sol. Tinned Yes	670.00 100 45.45	663.30 659.95 656.60
44146 1 EACH	Cadweld ECRH102Q4U 35 Years	10' Horizontal	4/0 Stranded Yes	670.00 100 45.45	663.30 659.95 656.60
44179 1 EACH	Cadweld ECRH12IT4U 35 Years	12' Horizontal	2 Sol. Tinned Yes	810.00 115 52.27	801.90 797.85 793.80
44185 1 EACH	Cadweld ECRH122Q4U 35 Years	12' Horizontal	4/0 Stranded Yes	810.00 115 52.27	801.90 797.85 793.80
44200 1 EACH	Cadweld ECRH15IT4U 35 Years	15' Horizontal	2 Sol. Tinned Yes	915.00 125 56.81	905.85 901.28 896.70
44202 1 EACH	Cadweld ECRH152Q4U 35 Years	15' Horizontal	4/0 Stranded Yes	915.00 115 52.27	905.85 901.28 896.70
44204 1 EACH	Cadweld ECRH20IT4U 35 Years	20' Horizontal	2 Sol. Tinned Yes	1,120.00 135 61.36	1,108.80 1,103.20 1,097.60
443018 1 EACH	Cadweld ECRH20IT4D 35 Years	20' L-shaped	2 Sol. Tinned Yes	1,120.00 135 61.36	1,108.80 1,103.20 1,097.60
492027 1 EACH	Cadweld ECRH20IT4D 35 Years	20' L-shaped	2 Sol. Tinned Yes	1,120.00 135 61.36	1,108.80 1,103.20 1,097.60
44211 1 EACH	Cadweld ECRH202Q4U 35 Years	20' Horizontal	4/0 Stranded Yes	1,120.00 135 61.36	1,108.80 1,103.20 1,097.60

Enhanced Ground Rods.

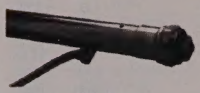


499022 493021 48587

Enhanced ground rods by Harger contain special s that help lower soil resistivity. A unique design allo the flow of current downward to ground. Hargers Enhanced ground rods are UL Listed and designed over 35 years. If for some reason the salts would be depleted Harger will provide additional salts free o charge. *Other conductor sizes avaliable upon requ Test Well and Enhanced Ground Material available some.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size Shape	Conductor Test Well	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
499022 1 EACH	Harger EGR10WG2T 35 Years	10' Vertical	2 Sol. Tinned Yes	804.75 185 84.08	47 45 44
493021 1 EACH	Harger EGR10LWG2T 35 Years	10' Horizontal	2 Sol. Tinned Yes	913.90 205 93.17	53 51 50
48587 1 EACH	Harger EGR202T 35 Years	20' Vertical	2 Sol. Tinned No	1,059.40 80 36.36	62 59 58
454070 1 EACH	Harger EGR20WG2T 35 Years	20' Vertical	2 Sol. Tinned Yes	1,209.75 320 145.44	7 67 66
434031 1 EACH	Harger EGR20LWG2T 35 Years	20' Horizontal	2 Sol. Tinned Yes	1,391.00 340 154.53	82 78 76
87793 1 EACH	Harger EGR10L2T 35 Years	10' Horizontal "L"	2 Sol. Tinned No	721.90 55 25	42 40 39

Enhanced Ground Rods



74495

Electrolytic ground rod system, from Tower Structures, is with natural hygroscopic and deliquescent salts and togeth with the Valance Galvanic Backfill, can provide solutions to most difficult grounding problems. Earth salt replenishmen provided at no cost. Observation Wells and Galvanic Back sold separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size Shape	Conductor Test Well	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
74495 1 EACH	Tower Structures VR10 1 Year	10' Straight	4/0 Stranded Yes	428.00 188 85.45	42 41 41
22888 1 EACH	Tower Structures VRH10 1 Year	10' Horizontal	4/0 Stranded Yes	489.00 297 134.99	48 47 47

Lightning Conductors & Air Terminals [452-33]

If you are buying these, you may need:

Ground Resistance Testers ..... page 14

Main Lightning Conductors

70921

Lightning conductors are used to attach air terminals to gro Use Class I for buildings under 75' in height, Class II for bu ings over 75'.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
70921 1 FOOT	Harger 29-250 1 Year	Copper cable consisting of 29 strands of No.16 AWG wire. This cable has a cross-sectional area of 72,500 cm and a weight of 215 pounds per 1000'. The outside diameter is approximately 3/8". Class I rating.	1.65 0.22 0.1	0. 0. 0.
15521 1 FOOT	Harger 32-250 1 Year	Copper cable consisting of 32 strands of No.16 AWG wire. This cable has a cross-sectional area of 80,000 cm and a weight of 230 pounds per 1000'. The outside diameter is approximately 7/16". Class I rating.	1.80 0.23 0.1	1. 1. 0.
27486 1 FOOT	Harger 32T-250 1 Year	Tinned copper cable made of 32 strands of # 16 AWG wire. This cable has a cross-sectional area of 80,000 cm and a weight of 230 pounds per 1000'. The outside diameter is approximately 7/16". Class I rating.	2.25 0.23 0.1	1. 1. 1.
52665 1 FOOT	Harger 28-250 1 Year	Copper cable consisting of 28 strands of No.14 AWG wire. This cable has a cross-sectional area of 115,000 cm and a weight of 375 pounds per 1000'. The outside diameter is approximately 1/2". Class II rating.	2.85 0.38 0.17	1. 1. 1.

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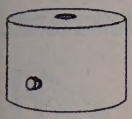
ghtning Rod



08 12601

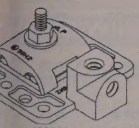
No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
208 ACH	Microflect/Valmont B964 1 Year	5/8" diameter x 4' long made of galvanized metal	12.00 4.2 1.91	11.82 11.76 11.70
422 ACH	Microflect/Valmont B1612 1 year	Pipe cap for mounting lightning rod on 3.5" OD pipe.	17.00 2.4 1.09	16.75 16.66 16.58
601 ACH	Microflect/Valmont B1277 1 Year	Pipe cap for mounting lightning rod on 4.5" OD pipe.	19.00 6 2.73	18.72 18.62 18.53

opper & Aluminum Air Terminals

Copper and aluminum air terminals are used on towers and rooftops to draw lightning away from valuable equipment. Tapered to a point and comes with a base adapter to fit all air terminal bases with 5/8" UNC studs

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
2046 ACH	Harger 1210CUAT 1 Year	Class II, 1/2" diameter x 10" long copper-clad air terminal.	7.35 0.6 0.27	4.34 4.13 4.03
EW 7380 ACH	Harger 1224CUAT 1 Year	Class II, 1/2" diameter x 10" long solid copper-clad air terminal.	17.00 1.25 0.57	10.03 9.54 9.32
EW 9321 ACH	Harger 1224CUAT 1 Year	Class II, 1/2" diameter x 24" long solid copper-clad air terminal.	11.25 1.5 0.68	7.42 7.42 7.42
EW 3381 ACH	Harger 5824ALAT 1 Year	Class II, 5/8" diameter x 10" long aluminum air terminal.	10.00 0.8 0.36	5.90 5.61 5.48

iversal Terminal Bases



433388

2 5/8" x 3" base features a universal mounting design allowing it to be installed either horizontally or vertically. Accepts a wide variety of conductors ranging from #14 bonding conductors up through Class II main lightning conductors. Features an internally threaded hub design.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 3388 ACH	Harger CUBU12I 1 Year	Bronze base with 1/2" diameter internally threaded hub.	18.00 0.4 0.18	10.62 10.10 9.87
EW 3334 ACH	Harger AUBU12I 1 Year	Aluminum base with 1/2" diameter internally threaded hub.	14.00 0.35 0.16	8.26 7.86 7.68

rtical Pipe Terminal Bases

457091

Swivel adapter design allows for mounting air terminal at ant angle. Air terminal not included.

nuing product table (1 of 2)

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
091 ACH	Harger CPRB 1.5/2AT12 1 Year	Bronze base for use with 1/2" copper air terminals on 1.9" - 2.375"OD pipe.	39.80 0.6 0.27	23.49 22.33 21.81

Continuing product table (2 of 2)

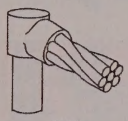
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
452080 1 EACH	Harger CPRB 2.5/3AT12 1 Year	Bronze base for use with 1/2" copper air terminals on 2.875"-3.5"OD pipe.	45.30 0.8 0.36	26.73 25.42 24.83
491089 1 EACH	Harger CPRB 3.5/4AT12 1 Year	Bronze base for use with 1/2" copper air terminals on 4" - 4.5"OD pipe.	50.30 1 0.45	29.68 28.22 27.57

Ground Wire to Ground Rod [451-10]

You'll also need:

Saws . . . . . page 1565
Cutters, Large Cable . . . . . page 1578

Cable tap to top of ground rod

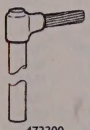


43927

Requires L160 handle clamp and appropriate weld metal.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Ground wire	Ground rod	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
17499 1 EACH	Cadweld GRC-162Q 6 Months	#4 Stranded	5/8"	#90	82.15 3.12 1.42	79.66 78.84 78.02
464033 1 EACH	Cadweld GRC-162P 6 Months	#4 Solid	5/8"	#90	82.15 3.12 1.42	79.66 78.84 78.02
42678 1 EACH	Cadweld GRC-181V 6 Months	#2 Stranded	3/4"	#90	82.15 3.12 1.42	79.66 78.84 78.02
43927 1 EACH	Cadweld GRC-161V 6 Months	#2 Stranded	5/8"	#65	82.15 3.12 1.42	79.66 78.84 78.02
94285 1 EACH	Cadweld GRC-181T 6 Months	#2 Solid	3/4"	#90	82.15 3.12 1.42	79.66 78.84 78.02
95534 1 EACH	Cadweld GRC-161T 6 Months	#2 Solid	5/8"	#65	82.15 3.12 1.42	79.66 78.84 78.02
67857 1 EACH	Cadweld GRC-182G 6 Months	2/0 Stranded	3/4"	#90	82.15 3.12 1.42	79.66 78.84 78.02
69106 1 EACH	Cadweld GRC-162G 6 Months	2/0 Stranded	5/8"	#90	82.15 3.12 1.42	79.66 78.84 78.02

T&B Cable Tap to Top of Ground Rod



473300

Thomas & Betts Furseweld exothermic ground connections require the use of Thomas & Betts handle clamps. Furseweld weld metal must be purchased seperately.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Ground wire	Ground rod	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 497391 1 EACH	Thomas and Betts CR1-3-625#4 2 Years	#4 STR	5/8	65RTB	91.40 2.6 1.18	67.15 64.60 63.77
NEW 474327 1 EACH	Thomas and Betts CR1-3-625#4S 2 Years	#4 SOL	5/8	65RTB	91.40 3.35 1.52	67.15 64.60 63.77
NEW 429313 1 EACH	Thomas and Betts CR1-4-625#2 2 Years	#2 STR	5/8	65RTB	143.30 3.4 1.55	105.30 101.29 100.00
NEW 473300 1 EACH	Thomas and Betts CR1-4-750#2 2 Years	#2 STR	3/4	90RTB	143.30 1.5 0.68	105.30 101.29 100.00
NEW 478355 1 EACH	Thomas and Betts CR1-4-750#2S 2 Years	#2 SOL	3/4	90RTB	151.40 3.3 1.5	111.28 107.04 105.68

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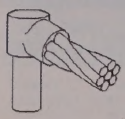
Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Ground wire	Ground rod	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 457358 1 EACH	Thomas and Betts CR1-4-625#2S 2 Years	#2 SOL	5/8	65RTB	143.30 1.5 0.68	105.32 101.30 100.01
NEW 472375 1 EACH	Thomas and Betts CR1-4-7502/0 2 Years	2/0 STR	3/4	90RTB	93.05 3.4 1.55	68.39 65.78 64.95
NEW 468394 1 EACH	Thomas and Betts CR1-4-6252/0 2 Years	2/0 STR	5/8	90RTB	93.05 3.4 1.55	68.39 65.78 64.95

Cable tap to top of ground rod

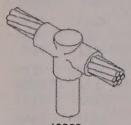


496086

Requires MH1 handle clamp and appropriate weld metal.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Ground wire	Ground rod	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
496086 1 EACH	Harger GD-342B 6 Months	#2 Stranded	3/4"	UWM90	79.55 3.12 1.42	73.15 72.42 71.69
482020 1 EACH	Harger GD-582B 6 Months	#2 Stranded	5/8"	UWM65	79.55 2.65 1.2	73.15 72.42 71.69
463023 1 EACH	Harger GD-582SB 6 Months	#2 Solid	5/8"	UWM65	79.55 3.12 1.42	73.15 72.42 71.69
417015 1 EACH	Harger GD-582/0B 6 Months	2/0 Stranded	5/8"	UWM90	79.55 3.12 1.42	73.15 72.42 71.69
486051 1 EACH	Harger GD-342/0B 6 Months	2/0 Stranded	3/4"	UWM90	79.55 3.12 1.42	73.15 72.42 71.69

Through cable to top of ground rod

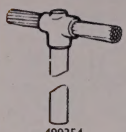


12389

Cadweld molds requires L160 handle clamps (Sku 76075) and weld metal.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Ground wire	Ground rod	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 479361 1 EACH	Cadweld GTC-161G 6 Months	#6 Solid	5/8"	#32	82.15 3.55 1.61	79.66 78.84 78.02
32129 1 EACH	Cadweld GTC-181V 6 Months	#2 Stranded	3/4"	#90	82.15 3 1.36	79.66 78.84 78.02
12389 1 EACH	Cadweld GTC-161T 6 Months	#2 Solid	5/8"	#90	82.15 3 1.36	79.66 78.84 78.02
12190 1 EACH	Cadweld GTC-162G 6 Months	2/0 Stranded	5/8"	#115	82.15 3.55 1.61	79.66 78.84 78.02
47864 1 EACH	Cadweld GTC-162L 6 Months	3/0	5/8"	#115	82.15 3 1.36	79.66 78.84 78.02
30870 1 EACH	Cadweld GTC-142Q 6 Months	4/0 Stranded	1/2"	#115	82.15 3 1.36	79.66 78.84 78.02
72930 1 EACH	Cadweld GTC-162Q 6 Months	4/0 Stranded	5/8"	#115	82.15 3 1.36	79.66 78.84 78.02
475050 1 EACH	Cadweld GTC-162P 6 Months	4/0 Solid	5/8"	#115	82.15 3 1.36	79.66 78.84 78.02

Through Cable to Top of Ground Rod

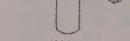


499354

Thomas & Betts Furseweld exothermic ground connections require the of Thomas & Betts handle clamps. Furseweld weld metal must be purch seperately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Ground wire	Ground rod	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 454303 1 EACH	Thomas and Betts CR2-4-625#2 2 Years	#2 STR	5/8	90RTB	97.45 3.4 1.55	71 68 68
NEW 446374 1 EACH	Thomas and Betts CR2-4-750#2 2 Years	#2 STR	3/4	90RTB	97.45 3.4 1.55	71 68 68
NEW 499354 1 EACH	Thomas and Betts CR2-4-625#2S 2 Years	#2 SOL	5/8	90RTB	97.45 3.4 1.55	71 68 68
NEW 427362 1 EACH	Thomas and Betts CR2-4-6252/0 2 Years	2/0 STR	5/8	115RTB	100.55 3.4 1.55	73 71 70
NEW 474392 1 EACH	Thomas and Betts CR2-4-6253/0 2 Years	3/0 STR	5/8	115RTB	151.35 3.3 1.5	111 106 105
NEW 479358 1 EACH	Thomas and Betts CR2-4-500L4/0 2 Years	4/0 STR	1/2 (UL)	115RTB	151.35 3.4 1.55	111 106 105
NEW 432355 1 EACH	Thomas and Betts CR2-4-5004/0 2 Years	4/0 STR	1/2 (NON UL)	115RTB	151.35 3.4 1.55	111 106 105
NEW 441394 1 EACH	Thomas and Betts CR2-4-6254/0 2 Years	4/0 STR	5/8	115RTB	101.30 3.4 1.55	74 71 70

Through Cable to Top of Ground Rod

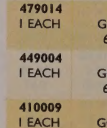


482041

Requires MH1 handle clamp and appropriate weld metal.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Ground wire	Ground rod	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
431031 1 EACH	Harger GO-582B 6 Months	#2 Stranded	5/8"	UWM90	79.55 3.12 1.42	73. 72 71.
482041 1 EACH	Harger GO-582SB 6 Months	#2 Solid	5/8"	UWM90	79.55 3.12 1.42	73. 72 71.
425014 1 EACH	Harger GO-582/0B 6 Months	2/0 Stranded	5/8"	UVM90	79.55 3.12 1.42	73. 72 71.
479014 1 EACH	Harger GO-582/0B 6 Months	2/0 Stranded	5/8"	UWM115	79.55 3.12 1.42	73. 72 71.
449004 1 EACH	Harger GO-583/0B 6 Months	3/0 Stranded	5/8"	UWM115	79.55 3.12 1.42	73. 72 71.
410009 1 EACH	Harger GO-584/0B 6 Months	4/0 Stranded	5/8"	UWM115	79.55 3.12 1.42	73. 72 71.

Through Cable to Ground Rod Below Top



460344

Thomas & Betts Furseweld exothermic ground connections require the use Thomas & Betts handle clamps. Furseweld weld metal must be purchased se ately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Ground wire	Ground rod	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW 460344 1 EACH	Thomas and Betts CR3-9-6254/0 2 Years	4/0 STR	5/8	150RTB	430.55 5.3 2.41	316. 304. 300.

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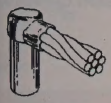
Ground Wire to Ground Rod - Mini Mold [451-12]

ni Mold for Ground Rod



The Cadweld "Mini Mold" is a smaller version of the popular standard mold. The "Mini-Mold" is ideal for meeting the NEC Article 250 requirements for direct burial ground rod connections. These molds come with E-Z change handles and require only the appropriate weld metal.

No. Uom	Manufacturer Mfg. P/N Warranty	Ground Wire	Ground Rod	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36 CH	Cadweld GRP-161V 6 Months	#2 Stranded	5/8"	#45	90.25 2.3 1.05	87.53 86.63 85.72
43 CH	Cadweld GRP-161T 6 Months	#2 Solid	5/8"	#45	90.25 2.3 1.05	87.53 86.63 85.72

ound Rod Mid-"T"

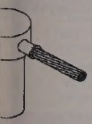
The Cadweld "Mini-mold" is a smaller version of the popular standard mold. The "Mini-mold" is ideal for meeting the NEC Article 250 requirments for direct burial ground rod connections. These molds require B399ES handle clamp (GYE-162Q requires the L160 handle clamp) and requires the appropriate weld metal.

69618

No. Uom	Manufacturer Mfg. P/N Warranty	Ground Wire	Ground Rod	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
727 CH	Cadweld GYP-16005M 6 Months	#4 Sol/Strand	5/8"	#65	90.25 3 1.36	87.53 86.63 85.72
334 CH	Cadweld GYP-16006M 6 Months	#2 Sol/Strand	5/8"	#65	61.10 3 1.36	59.27 58.66 58.05
518 CH	Cadweld GYP-18009M 6 Months	#2 Sol/Strand	3/4"	#65	90.25 3 1.36	87.53 86.63 85.72
032 CH	Cadweld GYE-162P 6 Months	4/0 Solid	5/8"	#150	230.00 3 1.36	223.08 220.78 218.48
599 CH	Cadweld GYE-162Q 6 Months	4/0 Stranded	5/8"	#150	230.00 3 1.36	223.08 220.78 218.48

Ground Wire to Ground Rod - One Shots [451-14]

e shot for One Wire to Ground Rod



The Cadweld "One-Shot" Connection is a ceramic disposable unit replacing the familiar semi-permanent graphite mold and associated handle clamp. The "One-Shot" consists of the ceramic mold which contains the weld metal, starting powder, a metal disk, a flared sleeve or sleeves and a cover. Requires T320 Flint Ignitor. FOR CONNECTING ONE WIRE TO ONE ROD.

71604

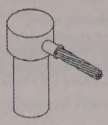
nuing product table (1 of 2)

No. Uom	Manufacturer Mfg. P/N Warranty	Ground Wire	Ground Rod	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
206 CH	Cadweld GR1-181G 6 Months	#6 or 8 Solid #8 Stranded	3/4"	Included	5.75 0.55 0.25	5.58 5.52 5.47
187 CH	Cadweld GR1-141L 6 Months	#3 or 4 Solid #4 or 6 Strand	1/2"	Included	5.00 0.48 0.22	4.84 4.79 4.74
604 CH	Cadweld GR1-161L 6 Months	#3 or 4 Solid #4 or 6 Strand	5/8"	Included	5.00 0.48 0.22	4.84 4.79 4.74
176 CH	Cadweld GR1-181L 6 Months	#3 or #4 Solid #4 or #6 Strand	3/4"	Included	5.75 0.48 0.22	5.58 5.52 5.47
997 CH	Cadweld GR1-161V 6 Months	#1 or 2 Solid #2 or 3 Strand	5/8"	Included	5.75 0.48 0.22	5.58 5.52 5.47
569 CH	Cadweld GR1-181V 6 Months	#1 or #2 Solid #2 or #3 Strand	3/4"	Included	6.65 0.55 0.25	6.43 6.36 6.29

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Ground Wire	Ground Rod	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
58390 1 EACH	Cadweld GR1-162C 6 Months	2/0 or 1/0 Solid 1/0 or #1 Strand	5/8"	Included	5.75 0.49 0.22	5.58 5.52 5.47
96783 1 EACH	Cadweld GR1-162G 6 Months	2/0 Stranded	5/8"	Included	6.65 0.58 0.26	6.43 6.36 6.29
463044 1 EACH	Cadweld GR1-162Q 6 Months	4/0 Stranded	5/8"	Included	7.15 0.48 0.22	6.94 6.87 6.80
70355 1 EACH	Cadweld GR1-182G 6 Months	2/0 Stranded	3/4"	Included	6.65 0.58 0.26	6.43 6.36 6.29

T&B Sure Shot for Ground Rod - 1 Cable

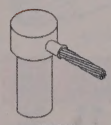


Thomas & Betts Furseweld Sure Shot Welding Molds are a disposable biodegradable ceramic mold that can replace the more permanent graphite molds. Each Sure Shot is packaged with everything necessary to make a reliable exothermic connection.

419382

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Ground Wire	Ground Rod	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 419382 6 PACK	Thomas and Betts SCR1-34-6808 2 Years	#6 OR #8 SOL, #8 STR	3/4	incl.	54.00 0.2 0.09	39.69 38.18 37.70
NEW 467389 6 PACK	Thomas and Betts SCR1-58-3446 2 Years	#3 OR 4 SOL, #4 OR 6 STR	5/8	incl.	47.65 0.2 0.09	35.02 33.69 33.26
NEW 454392 6 PACK	Thomas and Betts SCR1-34-3446 2 Years	#3 OR 4 SOL, #4 OR 6 STR	3/4	incl.	55.20 1.2 0.55	40.58 39.03 38.53
NEW 469398 6 PACK	Thomas and Betts SCR1-58-1223 2 Years	#1 OR 2 SOL, #2 OR 3 STR	5/8	incl.	51.00 1.2 0.55	37.49 36.06 35.60
NEW 431368 6 PACK	Thomas and Betts SCR1-34-1223 2 Years	#1 OR 2 SOL, #2 OR 3 STR	3/4	incl.	54.40 1.2 0.55	39.96 38.44 37.95
NEW 432381 6 PACK	Thomas and Betts SCR1-58-2010 2 Years	2/0 OR 1/0 SOL, 1/0 OR 1 STR	5/8	incl.	55.60 1.2 0.55	40.84 39.29 38.79
NEW 455315 6 PACK	Thomas and Betts SCR1-58-0020 2 Years	2/0 STR	5/8	incl.	55.60 1.2 0.55	40.84 39.29 38.79
NEW 429398 6 PACK	Thomas and Betts SCR1-34-0020 2 Years	2/0 STR	3/4	incl.	55.60 1.2 0.55	40.84 39.29 38.79
NEW 478384 6 PACK	Thomas and Betts SCR1-58-0040 2 Years	4/0 STR	5/8	incl.	55.60 1.2 0.55	40.84 39.29 38.79

One Shot for One Wire to Ground Rod



The Ultraweld "Uni-Shot" Connection is a disposable unit replacing the graphite mold and handle clamp. The "Uni-Shot" consists of the ceramic mold which contains the weld metal, starting powder, a metal disk, a flared sleeve or sleeves and a cover. FOR CONNECTING ONE WIRE TO ONE ROD.

493028

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Ground Wire	Ground Rod	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
458037 1 EACH	Harger G11348 6 Months	#6 or 8 Solid #8 Stranded	3/4"	Included	6.20 0.55 0.25	5.70 5.65 5.59
493028 1 EACH	Harger G11548 6 Months	#3 or 4 Solid #4 or 6 Stranded	5/8"	Included	5.40 0.55 0.25	4.95 4.91 4.86
453010 1 EACH	Harger G11348 6 Months	#3 or 4 Solid #4 or 6 Stranded	3/4"	Included	6.20 0.55 0.25	5.70 5.65 5.59
442002 1 EACH	Harger G11582 6 Months	#1 or 2 Solid #2 or 3 Stranded	5/8"	Included	6.20 0.55 0.25	5.70 5.65 5.59
497009 1 EACH	Harger G11342 6 Months	#1 or 2 Solid #2 or 3 Stranded	3/4"	Included	7.20 0.55 0.25	6.60 6.54 6.47

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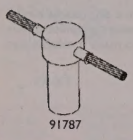
Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Ground Wire	Ground Rod	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
433082 1 EACH	Harger G11581/0 6 Months	2/0 or 1/0 Solid 1/0 or #1 Stranded	5/8"	Included	6.20 0.55 0.25	5.70 5.65 5.59
411002 1 EACH	Harger G11341/0 6 Months	2/0 or 1/0 Solid 1/0 or #1 Stranded	3/4"	Included	7.20 0.55 0.25	6.60 6.54 6.47
449016 1 EACH	Harger G11582/0 6 Months	2/0 Stranded	5/8"	Included	7.20 0.55 0.25	6.60 6.54 6.47
490015 1 EACH	Harger G11342/0 6 Months	2/0 Stranded	3/4"	Included	7.20 0.55 0.25	6.60 6.54 6.47

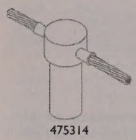
One Shot for Ground Rod "T"


91787

The Cadweld "One-Shot" Connection is a ceramic disposable unit replacing the familiar semi-permanent graphite mold and associated handle clamp. The "One-Shot" consists of the ceramic mold which contains the weld metal, starting powder, a metal disk, a flared sleeve or sleeves and a cover. Requires T320 Flint Ignitor. FOR CONNECTION OF TWO WIRES TO ONE ROD.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Ground Wire	Ground Rod	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
51580 1 EACH	Cadweld GT1-141L 6 Months	#3 or #4 Solid #4 or #6 Strand	1/2"	Included	5.75 0.48 0.22	5.58 5.52 5.47
78573 1 EACH	Cadweld GT1-181L 6 Months	#3 or #4 Solid #4 or #6 Strand	3/4"	Included	5.75 0.48 0.22	5.58 5.52 5.47
91787 1 EACH	Cadweld GT1-161L 6 Months	#3 or #4 Solid #4 or #6 Strand	5/8"	Included	5.75 0.48 0.22	5.58 5.52 5.47
40180 1 EACH	Cadweld GT1-161V 6 Months	#1 or #2 Solid #2 or #3 Strand	5/8"	Included	6.65 0.48 0.22	6.43 6.36 6.29
26966 1 EACH	Cadweld GT1-181V 6 Months	#1 or #2 Solid #2 or #3 Strand	3/4"	Included	7.30 0.48 0.22	7.09 7.01 6.94
92376 1 EACH	Cadweld GT1-162C 6 Months	2/0 or 1/0 Solid 1/ 0 or #1 Strand	5/8"	Included	7.30 0.48 0.22	7.09 7.01 6.94
96614 1 EACH	Cadweld GT1-182C 6 Months	2/0 or 1/0 Solid 1/ 0 or #1 Strand	3/4"	Included	7.30 0.48 0.22	7.09 7.01 6.94

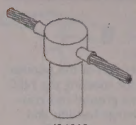
T&B Sure Shot for Grd Rod "T"- 2 Cables


475314

Thomas & Betts Furseweld Sure Shot Welding Molds are a disposable biodegradable ceramic mold that can replace the more permanent graphite molds. Each Sure Shot is packaged with everything necessary to make a reliable exothermic connection.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Ground Wire	Ground Rod	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 475314 6 PACK	Thomas and Betts SCR2-58-3446 2 Years	#3 OR 4 SOL, #4 OR 6 STR	5/8	incl.	48.00 1.2 0.55	35.28 33.94 33.51
NEW 434374 6 PACK	Thomas and Betts SCR2-34-3446 2 Years	#3 OR 4 SOL, #4 OR 6 STR	3/4	incl.	55.80 1.2 0.55	41.02 39.46 38.95
NEW 415386 6 PACK	Thomas and Betts SCR2-58-1223 2 Years	#1 OR 2 SOL, #2 OR 3 STR	5/8	incl.	51.00 1.2 0.55	37.49 36.06 35.60
NEW 434383 6 PACK	Thomas and Betts SCR2-34-1223 2 Years	#1 OR 2 SOL, #2 OR 3 STR	3/4	incl.	51.00 1.2 0.55	37.49 36.06 35.60
NEW 424328 6 PACK	Thomas and Betts SCR2-34-2010 2 Years	2/0 OR 1/0 SOL, 1/0 OR 1 STR	3/4	incl.	55.80 1.2 0.55	41.02 39.46 38.95

One Shot for Ground Rod "T"


426012

The Ultraweld "Uni-Shot" Connection is a disposable unit replacing th graphite mold and handle clamp. The "Uni-Shot" consists of the cerar mold which contains the weld metal, starting powder, a metal disk, a fl sleeve or sleeves and a cover. FOR CONNECTION OF TWO WIRES ONE ROD.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Ground Wire	Ground Rod	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
463058 1 EACH	Harger G21584 6 Months	#3 or 4 Solid #4 or 6 Stranded	5/8"	Included	6.20 0.55 0.25	5. 5. 5.
426012 1 EACH	Harger G21344 6 Months	#3 or 4 Solid #4 or 6 Stranded	3/4"	Included	7.20 0.55 0.25	6. 6. 6.
498008 1 EACH	Harger G21582 6 Months	#1 or 2 Solid #2 or 3 Stranded	5/8"	Included	7.20 0.55 0.25	6. 6. 6.
444002 1 EACH	Harger G21342 6 Months	#1 or 2 Solid #2 or 3 Stranded	3/4"	Included	7.90 0.55 0.25	7. 7. 7.
452007 1 EACH	Harger G21581/0 6 Months	2/0 or 1/0 Solid 1/ 0 or 1 Stranded	5/8"	Included	7.90 0.55 0.25	7. 7. 7.
419097 1 EACH	Harger G21341/0 6 Months	2/0 or 1/0 Solid 1/ 0 or 1 Stranded	3/4"	Included	7.90 0.55 0.25	7. 7. 7.

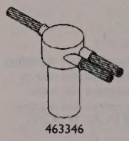
One Shot for Ground Rod -3 Cables

24468

The Cadweld "One-Shot" Connection is a ceramic disposable unit re ing the familiar semi-permanent graphite mold and associated handle clamp. The "One-Shot" consists of the ceramic mold which contains t weld metal, starting powder, a metal disk, a flared sleeve or sleeves an cover. Requires T320 Flint Ignitor. FOR CONNECTION OF THREE WIRES TO ONE ROD.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Ground Wire	Ground Rod	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
24468 1 EACH	Cadweld NT1-161V 6 Months	#1,#2 solid #2,#3 stranded	5/8"	Included	7.55 0.56 0.25	7. 7. 7.
62861 1 EACH	Cadweld NT1-181V 6 Months	#2 Solid or #2 Stranded	3/4"	Included	7.85 0.58 0.26	7. 7. 7.

T&B Sure Shot for Ground Rod - 3 Cables


463346

Thomas & Betts Furseweld Sure Shot Welding Molds are a disposable b degradable ceramic mold that can replace the more permanent graphit molds. Each Sure Shot is packaged with everything necessary to make reliable exothermic connection.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Ground Wire	Ground Rod	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW 463346 6 PACK	Thomas and Betts SCR17-58-1223 2 Years	#1 OR 2 SOL, #2 OR 3 STR	5/8	incl.	55.80 1.2 0.55	41. 39. 38.
NEW 472325 6 PACK	Thomas and Betts SCR17-34-1223 2 Years	#1 OR 2 SOL, #2 OR 3 STR	3/4	incl.	51.00 1.2 0.55	37. 36. 35.

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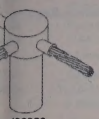
3 Sure Shot Horiizontal "T" - 3 Cables

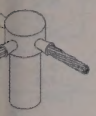


439380

Thomas & Betts Furseweld Sure Shot Welding Molds are a disposable bio-degradable ceramic mold that can replace the more permanent graphite molds. Each Sure Shot is packaged with everything necessary to make a reliable exothermic connection.

No. om	Manufacturer Mfg. P/N Warranty	Ground Wire	Ground Rod	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 39 80 CK	Thomas and Betts SCR25-58-1223 2 Years	#1 OR 2 SOL, #2 OR 3 STR	5/8	incl.	51.00 1.2 0.55	37.49 36.06 35.60
W 86 CK	Thomas and Betts SCR25-34-1223 2 Years	#1 OR 2 SOL, #2 OR 3 STR	3/4	incl.	57.00 1.2 0.55	41.90 40.30 39.79

e Shot for Ground Rod - 3 Cables

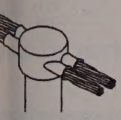


471068

The Ultraweld "Uni-Shot" Connection is a disposable unit replacing the graphite mold and handle clamp. The "Uni-Shot" consists of the ceramic mold which contains the weld metal, starting powder, a metal disk, a flared sleeve or sleeves and a cover. FOR CONNECTION OF THREE WIRES TO ONE ROD.

No. om	Manufacturer Mfg. P/N Warranty	Ground Wire	Ground Rod	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 39 CH	Harger G31584 6 Months	#3 or 4 Solid #4 or 6 Stranded	5/8"	Included	7.20 0.55 0.25	6.60 6.54 6.47
55 CH	Harger G31342 6 Months	#2 Solid or #2 Stranded	3/4"	Included	8.50 0.57 0.26	7.80 7.73 7.65
68 CH	Harger G31582 6 Months	#1 or 2 Solid #2 or 3 Stranded	5/8"	Included	8.15 0.55 0.25	7.50 7.43 7.35

e shot for Ground Rod - 4 Cables



62201

The Cadweld "One-Shot" Connection is a ceramic disposable unit replacing the familiar semi-permanent graphite mold and associated handle clamp. The "One-Shot" consists of the ceramic mold which contains the weld metal, starting powder, a metal disk, a flared sleeve or sleeves and a cover. Requires T320 Flint Ignitor. FOR CONNECTION OF FOUR WIRES TO ONE ROD.

No. om	Manufacturer Mfg. P/N Warranty	Ground Wire	Ground Rod	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
01 CH	Cadweld NX1-161L 6 Months	#3 or 4 Solid #4 or 6 Strand	5/8"	Included	7.15 0.5 0.23	6.94 6.87 6.80
W 10 CH	Cadweld PG11L 6 Months	#3 or 4 Solid #4 or 6 Strand	wire to wire	Included	6.40 0.57 0.26	6.19 6.13 6.07
69 CH	Cadweld NX1-161V 6 Months	1 & 2 Solid -- 2 & 3 Stranded	5/8"	Included	8.25 0.57 0.26	7.98 7.90 7.81

B Sure Shot for Ground Rod - 4 Cables

467351

No. om	Manufacturer Mfg. P/N Warranty	Ground Wire	Ground Rod	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 51 CK	Thomas and Betts SCR24-58-3446 2 Years	#3 OR 4 SOL, #4 OR 6 STR	5/8	incl.	57.00 1.2 0.55	41.90 40.30 39.79

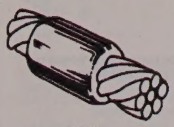
Sure Shot-Cross Connection to GroundRod

459343

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Ground Wire	Ground Rod	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **459343** 6 PACK	Thomas and Betts SCR27-34-3446 2 Years	#3 OR 4 SOL, #4 OR 6 STR	3/4	incl.	52.20 1.2 0.55	38.37 36.91 36.44
NEW **446357** 6 PACK	Thomas and Betts SCR27-34-1223 2 Years	#1 OR 2 SOL, #2 OR 3 STR	3/4	incl.	58.20 1.2 0.55	42.78 41.15 40.63

Ground Wire to Ground Wire [451-20]

Ground Wire to Ground Wire Splice

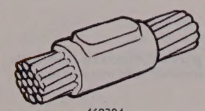


88040

Ground wire to ground wire splice connection. Requires L160 handle clamps (Sku 76075) and appropriate weld metal.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Ground wire	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
88040 1 EACH	Cadweld SSC-1V 6 Months	#2 Stranded	#32	82.15 3.12 1.42	79.66 78.84 78.02
49647 1 EACH	Cadweld SSC-1T 6 Months	#2 Solid	#32	82.15 3.12 1.42	79.66 78.84 78.02
23219 1 EACH	Cadweld SSC-2G 6 Months	2/0 Stranded	#65	82.15 3.12 1.42	79.66 78.84 78.02
61612 1 EACH	Cadweld SSC-2Q 6 Months	4/0 Stranded	#90	82.15 5 2.27	79.66 78.84 78.02
451056 1 EACH	Cadweld SSC-2P 6 Months	4/0 Solid	#90	82.15 5 2.27	79.66 78.84 78.02

T&B Wire to Wire Straight Splice



469304

Thomas & Betts Furseweld exothermic ground connections require the use of Thomas & Betts handle clamps. Furseweld weld metal must be purchased seperately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Ground wire	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **488340** 1 EACH	Thomas and Betts CC1-3-#2 2 Years	#2 STR	32RTB	97.25 2.6 1.18	71.48 68.75 67.88
NEW **469304** 1 EACH	Thomas and Betts CC1-3-#2S 2 Years	#2 SOL	32RTB	61.55 1.8 0.82	45.24 43.51 42.96
NEW **452358** 1 EACH	Thomas and Betts CC1-4-2/0 2 Years	2/0 STR	65RTB	90.45 3.4 1.55	66.48 63.95 63.13
NEW **490354** 1 EACH	Thomas and Betts CC1-4-4/0 2 Years	4/0 STR	90RTB	98.55 3.4 1.55	72.43 69.67 68.79
NEW **435335** 1 EACH	Thomas and Betts CC1-4-4/0S 2 Years	4/0 SOL	90RTB	159.20 3.3 1.5	116.99 112.53 111.10

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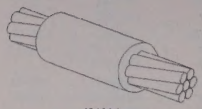
Ground Wire to Ground Wire Splice

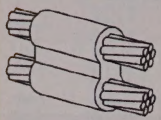


486014

Ground wire to ground wire splice connection. Requires MH-1 handle clamp and appropriate weld metal.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Ground wire	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
415077 1 EACH	Harger BS2B 6 Months	#2 Stranded	UWM32	79.55 3.12 1.42	73.15 72.42 71.69
486014 1 EACH	Harger BS2SB 6 Months	#2 Solid	UWM32	79.55 3.12 1.42	73.15 72.42 71.69
458085 1 EACH	Harger BS2/0B 6 Months	2/0 Stranded	UWM65	79.55 3.12 1.42	73.15 72.42 71.69
444084 1 EACH	Harger BS4/0B 6 Months	4/0 Stranded	UWM90	79.55 3.12 1.42	73.15 72.42 71.69

Parallel Splice

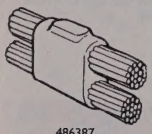


54453

Ground wire to ground wire parallel splice connection. Requires L160 handle clamps (Sku 76075) and appropriate weld metal.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Ground wire	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
22254 1 EACH	Cadweld PTC-1V1V 6 Months	#2 Stranded to #2 Straned	#65	82.15 3 1.36	79.66 78.84 78.02
28426 1 EACH	Cadweld PTC-1T1V 6 Months	#2Solid / #2Stranded	#65	82.15 3 1.36	79.66 78.84 78.02
54453 1 EACH	Cadweld PTC-1T1T 6 Months	#2 Solid	#65	82.15 3 1.36	79.66 78.84 78.02
64006 1 EACH	Cadweld PTC-2Q2Q 6 Months	4/0 Stranded	#200	82.15 3 1.36	79.66 78.84 78.02
427095 1 EACH	Cadweld PTC-2P2P 6 Months	4/0 Solid	#200	82.15 3 1.36	79.66 78.84 78.02

T&B Parallel Splice

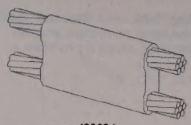


486387

Thomas & Betts Furseweld exothermic ground connections require the use of Thomas & Betts handle clamps. Furseweld weld metal must be purchased seperately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Ground wire	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 486387 1 EACH	Thomas and Betts CC7-4-#2#2 2 Years	#2 STR to #2 STR	65RTB	88.55 3.4 1.55	65.08 62.60 61.81
NEW 435363 1 EACH	Thomas and Betts CC7-4-#2S#2 2 Years	#2 SOL to #2 STR	65RTB	163.00 3.3 1.5	119.81 115.25 113.78
NEW 462379 1 EACH	Thomas and Betts CC7-4-#2S#2S 2 Years	#2 SOL to #2SOL	65RTB	101.10 3.4 1.55	74.31 71.48 70.57
NEW 481380 1 EACH	Thomas and Betts CC7-4-4/04/0 2 Years	4/0 STR to 4/0 STR	200RTB	105.10 3.4 1.55	77.25 74.31 73.36
NEW 484361 1 EACH	Thomas and Betts CC7-4-4/0S4/0S 2 Years	4/0 SOL to 4/0 SOL	200RTB	167.30 3.3 1.5	122.96 118.27 116.77

Parallel Splice

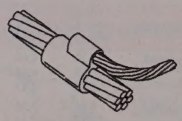


423024

Parallel ground wire to ground wire connection. Requires M handle clamp and appropriate weld metal.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Ground wire	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
477032 1 EACH	Harger PT22B 6 Months	#2 Stranded to #2 Stranded	UWM65	79.55 3.12 1.42	7 7 7
423024 1 EACH	Harger PT2S2B 6 Months	#2 Solid to #2 Stranded	UWM65	79.55 3.12 1.42	7 7 7
428053 1 EACH	Harger PT2S2SB 6 Months	#2 Solid to #2 Solid	UWM65	79.55 2.64 1.2	7 7 7
NEW 477345 1 EACH	Harger PT4/02SB 6 Months	4/0 Stranded to #2 Solid	UWM150	86.50 3.12 1.42	7 7 7
NEW 456361 1 EACH	Harger PT4/04/0B 6 Months	4/0 Stranded to 4/0 Stranded	UWM200	86.50 3.12 1.42	7 7 7

Parallel Tap Connection

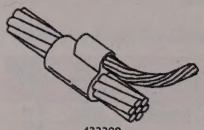


61020

Ground wire to ground wire parallel tap connection of hori tal cables. Requires L160 handle clamps (Sku 76075).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Ground wire	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 98943 1 EACH	Cadweld PCC-1T1T 6 Months	#2 solid to #2 solid	#65 Weld Metal	82.15 2.74 1.25	79 78 78
61020 1 EACH	Cadweld PCC-2Q1T 6 Months	4/0 to #2 Solid	#115	82.15 2.96 1.35	79 78 73

T&B Parallel Tap Connection



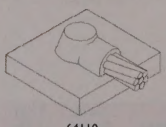
433398

Thomas & Betts Furseweld exothermic ground connection require the use of Thomas & Betts handle clamps. Fursewel weld metal must be purchased seperately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Ground wire	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW 433398 1 EACH	Thomas and Betts CC7-4-4/0#2S 2 Years	4/0 STR to #2 SOL	150RTB	159.20 3.4 1.55	116 112 111

Ground Wire to Flat Plate or Bus Bar [451-30]

Ground to Flat Plate



64110

Ground wire to flat plate. Cable rest on surface. HAA molds com complete with handle clamp. HAC molds require L160 handle cla The molds for #2 come complete with Frames.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Ground wire	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
65359 1 EACH	Cadweld HAA-1T 6 Months	#2 Solid	#45	50.05 1.5 0.68	48. 48. 47.

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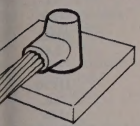
Exothermic Ground Connections

nuing product table (2 of 2)

No. Uom	Manufacturer Mfg. P/N Warranty	Ground wire	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
145 ACH	Cadweld HAA-1V 6 Months	#2 Stranded	#45	50.05 2 0.91	48.53 48.03 47.53
350 ACH	Cadweld HAA-1H2.5 6 Months	#6 Stranded	#45	50.05 3 1.36	48.53 48.03 47.53
717 ACH	Cadweld HAC-2F 6 Months	2/0 Solid	#90	82.15 1.5 0.68	79.66 78.84 78.02
110 ACH	Cadweld HAC-2G 6 Months	2/0 Stranded	#90	82.15 3.12 1.42	79.66 78.84 78.02
503 ACH	Cadweld HAC-2Q 6 Months	4/0 Stranded	#115	82.15 3.12 1.42	79.66 78.84 78.02

&B Ground Wire to Flat Plate or Bus Bar

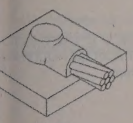


430303

Thomas & Betts Furseweld exothermic ground connections require the use of Thomas & Betts handle clamps. Furseweld weld metal must be purchased seperately.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Ground wire	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 7308 ACH	Thomas and Betts CS8-2-#6 2 Years	#6 STR	45RTB	104.80 3.35 1.52	77.00 74.07 73.13
EW 9304 ACH	Thomas and Betts CS8-2-#2 2 Years	#2 STR	45RTB	68.55 0.9 0.41	50.38 48.46 47.85
EW 0303 ACH	Thomas and Betts CS8-2-#2S 2 Years	#2 SOL	45RTB	68.55 0.9 0.41	50.38 48.46 47.85
EW 6307 ACH	Thomas and Betts CS1-4-2/0 2 Years	2/0 STR	90RTB	72.90 3.4 1.55	53.57 51.53 50.87
EW 5319 ACH	Thomas and Betts CS1-4-4/0 2 Years	4/0 STR	115RTB	72.90 3.4 1.55	53.57 51.53 50.87

round to Flat Plate

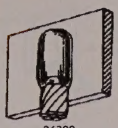


445084

Ground wire to flat plate. Cable rests on the surface. The molds for #2 come complete with Frames. No handles required. Larger molds require MH-1 Handle clamp and approprite weld metal.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Ground wire	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
5084 ACH	Harger HD2SA 6 Months	#2 Solid	UWM45	49.65 3.12 1.42	45.65 45.20 44.74
3067 ACH	Harger HD2A 6 Months	#2 Stranded	UWM45	49.65 3.12 1.42	45.65 45.20 44.74
3091 ACH	Harger HD2/0B 6 Months	2/0 Stranded	UWM90	79.55 3.12 1.42	73.15 72.42 71.69
4070 ACH	Harger HD4/0B 6 Months	4/0 Stranded	UWM115	79.55 3.12 1.42	73.15 72.42 71.69

Ground to Vertical Flat Surface

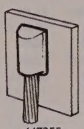


26399

Ground wire to vertical flat steel surface. Cable runs down and is off surface. Requires L160 handle clamp and appropriate weld metal.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Ground wire	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
26399 1 EACH	Cadweld VBC-1T 6 Months	#2 Solid	#65	82.15 3 1.36	79.66 78.84 78.02

T&B Ground Wire to Vertical Flat Plate

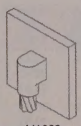


447355

Thomas & Betts Furseweld exothermic ground connections require the use of Thomas & Betts handle clamps. Furseweld weld metal must be purchased seperately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Ground wire	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 447355 1 EACH	Thomas and Betts CS25-4-#2S 2 Years	#2 SOL	65RTB	104.75 3.4 1.55	76.99 74.06 73.11

Ground to Vertical Flat Surface

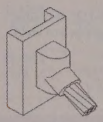


441089

Ground wire to vertical flat surface. Cable runs down and is off surface. Requires MH1 handle clamp and appropriate weld metal.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Ground wire	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
441089 1 EACH	Harger VD2SB 6 Months	#2 Solid	UWM65	79.55 3.12 1.42	73.15 72.42 71.69

Ground to Steel Pipe (or Flat)



31437

Ground wire to vertical flat steel surface or side of vertical or horizontal steel pipe. Cable down at 45 degree angle to vertical surface. Requires L160 handle clamps (Sku 76075) or specialized B160V handle clamp (Sku 33211) and appropriate weld metal.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Ground wire	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
84293 1 EACH	Cadweld VSC-1V 6 Months	#2 Stranded	#45	82.15 6.66 3.03	79.66 78.84 78.02
97507 1 EACH	Cadweld VSC-1T 6 Months	#2 Solid	#45	82.15 3.12 1.42	79.66 78.84 78.02
44651 1 EACH	Cadweld VSC-2G 6 Months	2/0 Stranded	#90	82.15 3.12 1.42	79.66 78.84 78.02
31437 1 EACH	Cadweld VSC-2Q 6 Months	4/0 Stranded	#115	82.15 5 2.27	79.66 78.84 78.02

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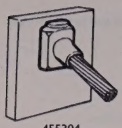
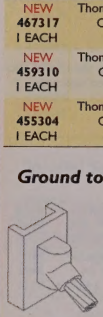
T&B Grd Wire to Vert. Flat Plate, 45 Deg



455304

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Ground wire	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 478325 1 EACH	Thomas and Betts CS3-4-#2 2 Years	#2 STR	45RTB	104.75 3.4 1.55	76.97 74.04 73.10
NEW 467317 1 EACH	Thomas and Betts CS3-4-#2S 2 Years	#2 SOL	45RTB	104.75 3.4 1.55	76.97 74.04 73.10
NEW 459310 1 EACH	Thomas and Betts CS3-4-2/0 2 Years	2/0 STR	90RTB	115.80 3.4 1.55	85.09 81.85 80.80
NEW 455304 1 EACH	Thomas and Betts CS3-4-4/0 2 Years	4/0 STR	115RTB	115.80 3.4 1.55	85.09 81.85 80.80

Ground to Steel Pipe (or Flat)

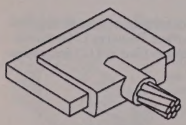


459067

Ground wire to vertical flat steel surface or side of vertical or horizontal steel pipe. Cable runs down 45 degrees from surface. Requires MH-1 handle clamp with CSKIT, CSH1 chain support handle clamps or MSHC1 magnetic handle clamps and appropriate weld metal.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Ground wire	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
459067 1 EACH	Harger VA2SB 6 Months	#2 Solid	UWM45	79.55 3.12 1.42	73.15 72.42 71.69
451073 1 EACH	Harger VA2B 6 Months	#2 Stranded	UWM45	79.55 3.12 1.42	73.15 72.42 71.69
436077 1 EACH	Harger VA2/0B 6 Months	2/0 Stranded	UWM90	79.55 3.12 1.42	73.15 72.42 71.69
447046 1 EACH	Harger VA4/0B 6 Months	4/0 Stranded	UWM115	79.55 3.12 1.42	73.15 72.42 71.69

Ground to Bus Bar

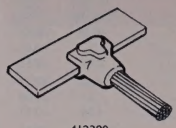


32314

Ground wire to bus bar. Bus bar must be 1/4" x 1-1/2" or wider. Requires L160 handle clamps (Sku 76075) and appropriate weld metal.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Ground wire	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
32314 1 EACH	Cadweld LJC-EG1T 6 Months	#2 Solid	#65	82.15 6.66 3.03	79.66 78.84 78.02
99782 1 EACH	Cadweld LJC-CE1T 6 Months	#2 Solid	#45	82.15 6.66 3.03	79.66 78.84 78.02
21955 1 EACH	Cadweld LJC-EG2G 6 Months	2/0 Stranded	#90	82.15 6.66 3.03	79.66 78.84 78.02
NEW 58706 1 EACH	Cadweld LJC-EG2Q 6 Months	4/0	90	82.15 6.66 3.03	79.66 78.84 78.02
73562 1 EACH	Cadweld LJC-EG2V 6 Months	250 MCM Strand	#115	82.15 6.66 3.03	79.66 78.84 78.02

T&B Ground Wire to Bus Bar

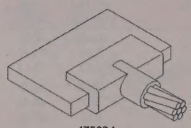


412380

Thomas & Betts Furseweld exothermic ground connections req the use of Thomas & Betts handle clamps. Furseweld weld metal must be purchased seperately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Ground wire	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
NEW 412380 1 EACH	Thomas and Betts CB4-4-214112 2 Years	#2 STR	45RTB	163.30 3.3 1.5	120. 115. 113.
NEW 485359 1 EACH	Thomas and Betts CB4-4-#2514112 2 Years	#2 SOL	45RTB	92.50 3.4 1.55	67. 65. 64.
NEW 458321 1 EACH	Thomas and Betts CB4-4-2/014112 2 Years	2/0 STR	90RTB	100.25 3.4 1.55	73. 70. 69.
NEW 450349 1 EACH	Thomas and Betts CB4-4-4/014112 2 Years	4/0 STR	90RTB	100.25 3.4 1.55	73. 70. 69.
NEW 436330 1 EACH	Thomas and Betts CB4-4-250K14112 2 Years	250 KCMIL	115RTB	159.10 3.4 1.55	116. 112. 111.

Ground to Bus Bar

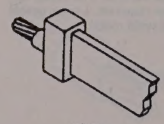


475024

Ground wire to bus bar. Bus bar must be 1/4" x 1 1/2" or wi Requires MH1 handle clamp and appropriate weld metal.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Ground wire	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
475024 1 EACH	Harger BE141.52SB 6 Months	#2 Solid	UWM65	79.55 3.12 1.42	73. 72. 71.
443066 1 EACH	Harger BE141.52B 6 Months	#2 Stranded	UWM65	79.55 3.12 1.42	73. 72. 71.

Sandwich Bar to Ground



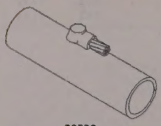
78237

Ground wire to bus bar. Bus bar must be 1/8" x 1". USE THIS TO GROUND SANDWICH BAR AT THE BOTTOM OF POLYPHASE ENTRY PANELS. Requires L160 handle clamps.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Ground wire	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
78237 1 EACH	Cadweld LBC-1TCE 6 Months	#2 Solid	#90	82.15 6.66 3.03	79. 78. 78.

Ground Wire to Pipe [451-40]

Ground Wire to Horizontal Pipe



90538

Ground wire to horizontal pipe. Cable runs on top of surface. Mol accommodates a range of pipe sizes. All molds include frame and h dle. Requires appropriate weld metal.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Ground Wire	Pipe Size	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
13752 1 EACH	Cadweld HAA-1T-162C 6 Months	#2 Solid	1 1/4" to 2"	#45	50.05 3 1.36	48. 48. 47.

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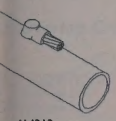
ing product table (2 of 2)

lo. om	Manufacturer Mfg. P/N Warranty	Ground Wire	Pipe Size	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
38 CH	Cadweld HAA-1V-162C 6 Months	#2 Stranded	1 1/4" to 2"	#45	50.05 3 1.36	48.53 48.03 47.53

3 Ground Wire to Horizontal Pipe

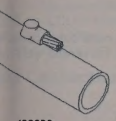


414313

Thomas & Betts Furseweld exothermic ground connections require the use of Thomas & Betts handle clamps. Furseweld weld metal must be purchased seperately.

lo. om	Manufacturer Mfg. P/N Warranty	Ground Wire	Pipe Size	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
V 13 CH	Thomas and Betts CS32-2-#2SC 2 Years	#2 SOL	1 1/2" TO 2 3/4"	45RTB	61.30 1.1 0.5	45.05 43.33 42.78
V 23 CH	Thomas and Betts CS32-2-#2C 2 Years	#2 STR	1 1/2" TO 2 3/4"	45RTB	61.30 1.1 0.5	45.05 43.33 42.78

ound Wire to Horizontal Pipe



439030

Ground wire to horizontal pipe. Cable runs on top of surface. Mold accommodates a range of pipe sizes. All molds include frame and handle. Requires appropriate weld metal.

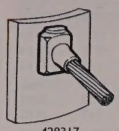
lo. om	Manufacturer Mfg. P/N Warranty	Ground Wire	Pipe Size	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30 CH	Harger HD21.52A 6 Months	#2 Stranded	1.5" to 2"	UWM45	49.65 3.12 1.42	45.65 45.20 44.74
43 CH	Harger HD2S1.52A 6 Months	#2 Solid	1.5" to 2"	UWM45	49.65 3.12 1.42	45.65 45.20 44.74

und Wire to Vertical Pipe

Ground wire to vertical pipe. Cable runs down at 45 degree angle from vertical pipe. Mold accommodates a range of pipe sizes. Requires L160 handle clamp or specialized B160V handle clamp which includes 20" of chain. Appropriate weld metal is required.

lo. om	Manufacturer Mfg. P/N Warranty	Ground Wire	Pipe Size	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36 CH	Cadweld VSC-1V-V3C 6 Months	#2 Stranded	1 1/2" to 4"	#45	82.15 3.12 1.42	79.66 78.84 78.02
00 CH	Cadweld VSC-1T-V3C 6 Months	#2 Solid	1 1/2" to 4"	#45	82.15 3.05 1.39	79.66 78.84 78.02
44 CH	Cadweld VSC-2G-V3C 6 Months	2/0 Stranded	2" to 4"	#90	82.15 3.12 1.42	79.66 78.84 78.02
29 CH	Cadweld VSC-2Q-V5C 6 Months	4/0 Stranded	4" to 6"	#115	82.15 3.12 1.42	79.66 78.84 78.02
30 CH	Cadweld VSC-2Q-V3C 6 Months	4/0 Stranded	2" to 4"	#115	82.15 3.12 1.42	79.66 78.84 78.02

T&B Ground Wire to Vertical Pipe, 45 Deg



428317

Thomas & Betts Furseweld exothermic ground connections require the use of Thomas & Betts handle clamps. Furseweld weld metal must be purchased seperately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Ground Wire	Pipe Size	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 428317 1 EACH	Thomas and Betts CS3-4-#2C 2 Years	#2 STR	1 1/2" TO 2 3/4"	45RTB	152.50 1.5 0.68	112.06 107.79 106.42
NEW 457351 1 EACH	Thomas and Betts CS3-4-#2D 2 Years	#2 STR	2 3/4" TO 6 1/2"	45RTB	111.50 3.35 1.52	81.94 78.82 77.82
NEW 424369 1 EACH	Thomas and Betts CS3-4-#2SC 2 Years	#2 SOL	1 1/2" TO 2 3/4"	45RTB	132.50 3.3 1.5	97.39 93.68 92.49
NEW 462325 1 EACH	Thomas and Betts CS3-4-#2SD 2 Years	#2 SOL	2 3/4" TO 6 1/2"	45RTB	110.60 3.35 1.52	81.27 78.17 77.18
NEW 468359 1 EACH	Thomas and Betts CS3-4-#2/0C 2 Years	2/0 STR	1 1/2" TO 2 3/4"	90RTB	158.55 1.5 0.68	116.52 112.08 110.65
NEW 474393 1 EACH	Thomas and Betts CS3-4-#2/0D 2 Years	2/0 STR	2 3/4" TO 6 1/2"	90RTB	123.10 3.35 1.52	90.48 87.04 85.93
NEW 453329 1 EACH	Thomas and Betts CS3-4-#4/0C 2 Years	4/0 STR	1 1/2" TO 2 3/4"	115RTB	158.55 3.3 1.5	116.52 112.08 110.65

Ground Wire to Vertical Pipe

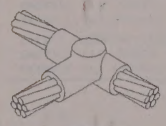
469063

Ground wire to vertical pipe. Cable runs down at a 45 degree angle from the surface. Mold accommodates a range of pipe diameters. Requires CSH1 handle clamp with 20" of chain and appropriate weld metal.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Ground Wire	Pipe Size	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
469063 1 EACH	Harger VA2SV1.5X4B 6 Months	#2 Solid	1.5" to 4"	UWM45	79.55 3.1 1.41	73.15 72.42 71.69
479067 1 EACH	Harger VA2V1.5X4B 6 Months	#2 Stranded	1.5" to 4"	UWM45	79.55 3.12 1.42	73.15 72.42 71.69
453069 1 EACH	Harger VA2/0V2X4B 6 Months	2/0 Stranded	2" to 4"	UWM90	79.55 3.12 1.42	73.15 72.42 71.69
487060 1 EACH	Harger VA4/0V2X4B 6 Months	4/0 Stranded	2" to 4"	UWM115	79.55 3.12 1.42	73.15 72.42 71.69

T- Connections [451-50]

Wire "T" Connections



98756

Tee connection of horizontal cables. Run and tap can be the same or different size cables. Requires L160 handle clamp and appropriate weld metal.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Ground wire	Weld metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
98756 1 EACH	Cadweld TAC-1V1V 6 Months	#2 Stranded #2 Stranded	#45	82.15 3.12 1.42	79.66 78.84 78.02
60363 1 EACH	Cadweld TAC-1T1T 6 Months	#2 Solid #2 Solid	#45	82.15 2.16 0.98	79.66 78.84 78.02
69263 1 EACH	Cadweld TAC-1V2G 6 Months	#2 Stranded 2/0 Stranded	#45	82.15 3 1.36	79.66 78.84 78.02

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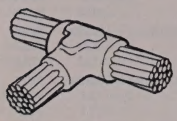
Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Ground wire	Weld metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
33935 1 EACH	Cadweld TAC-2G2G 6 Months	2/0 Stranded 2/0 Stranded	#90	82.15 3.12 1.42	79.66 78.84 78.02
85542 1 EACH	Cadweld TAC-2F2F 6 Months	2/0 Solid 2/0 Solid	#90	82.15 3.12 1.42	79.66 78.84 78.02
72328 1 EACH	Cadweld TAC-2Q2Q 6 Months	4/0 Stranded 4/0 Stranded	#150	82.15 3.12 1.42	79.66 78.84 78.02

T&B Three Wire Horizontal "T" Connection

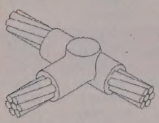


448393

Thomas & Betts Furseweld exothermic ground connections require the use of Thomas & Betts handle clamps. Furseweld weld metal must be purchased seperately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Ground wire	Weld metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 490319 1 EACH	Thomas and Betts CC2-4-#2#2 2 Years	#2 STR	45RTB	133.50 3.4 1.55	98.11 94.37 93.17
NEW 497363 1 EACH	Thomas and Betts CC2-4-#2S#2S 2 Years	#2 SOL	45RTB	92.75 3.4 1.55	68.17 65.57 64.74
NEW 495381 1 EACH	Thomas and Betts CC2-4-2/0#2 2 Years	#2 STR TO 2/0 STR	45RTB	92.75 3.4 1.55	68.17 65.57 64.74
NEW 448393 1 EACH	Thomas and Betts CC2-4-2/02/0 2 Years	2/0 STR	90RTB	100.55 4.15 1.89	73.90 71.09 70.18
NEW 439382 1 EACH	Thomas and Betts CC2-4-4/04/0 2 Years	4/0 STR	150RTB	112.45 3.4 1.55	82.65 79.50 78.49

Wire "T" Connections



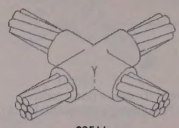
454065

Tee connection of horizontal cables. Run and tap can be the same or differnet size cables. Requires MH-1 handle clamp and appropriate weld metal.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Ground wire	Weld metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
454065 1 EACH	Harger RT2S2SB 6 Months	#2 Soild #2 Soild	UWM45	79.55 3.12 1.42	73.15 72.42 71.69
476062 1 EACH	Harger RT22B 6 Months	#2 Stranded #2 Stranded	UWM45	79.55 3.12 1.42	73.15 72.42 71.69
436076 1 EACH	Harger RT2/02B 6 Months	2/0 Stranded #2 Stranded	UWM65	79.55 3.12 1.42	73.15 72.42 71.69
447060 1 EACH	Harger RT2/02/0B 6 Months	2/0 Stranded 2/0 Stranded	UWM90	79.55 3.12 1.42	73.15 72.42 71.69
467059 1 EACH	Harger RT4/04/0B 6 Months	4/0 Stranded 4/0 Stranded	UWM150	79.55 3.12 1.42	73.15 72.42 71.69

X- Connections [451-60]

Cross Connection

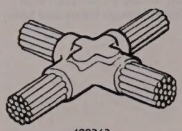


92511

X, or cross connection of horizontal cables. Run and tap can same or different size cables. Tap cable needs to be a cut end Requires L160 handle clamps (Sku 76075) and appropriate w metal.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Ground wire	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)
92511 1 EACH	Cadweld XAC-1T1T 6 Months	#2 Solid	#65	82.15 3.12 1.42
14476 1 EACH	Cadweld XAC-2Q2Q 6 Months	4/0 Stranded	#200	82.15 3.12 1.42
50556 1 EACH	Cadweld XAC-2Q1T 6 Months	4/0 Stranded / #2 Solid	#115	82.15 3.12 1.42
494014 1 EACH	Cadweld XAC-2P2P 6 Months	4/0 Solid	#200	82.15 3.12 1.42

T&B Four Wire "X" Connection

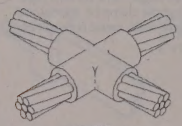


488363

Thomas & Betts Furseweld exothermic ground connections r the use of Thomas & Betts handle clamps. Furseweld weld me must be purchased seperately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Ground wire	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)
NEW 488363 1 EACH	Thomas and Betts CC4-4-#2S#2S 2 Years	#2 SOL	65RTB	90.55 3.3 1.5
NEW 444352 1 EACH	Thomas and Betts CC4-4-4/04/0 2 Years	4/0 STR	200RTB	110.85 3.4 1.55

Cross Connection

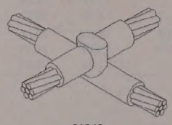


434053

X, or cross connection of horizontal cables. Run and tap can same or different size cables. Tap cable needs to be a cut end Requires MH1 handle clamp and appropriate weld metal.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Ground wire	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)
434053 1 EACH	Harger XX2S2SB 6 Months	#2 Solid	UWM65	79.55 3.12 1.42
430144 1 EACH	Harger XX-2/02/0B 6 Months	2/0 Stranded	UWM115	79.55 3.12 1.42

Cross Connection for Horizontal Cable



91262

X, or cross connection of horizontal cables. Run and tap can b same or different size cables. Tap cable is continuous and overl run. Requires L160 handle clamp (XBM-2Q2Q includes clamps appropriate weld metal.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Ground wire	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)
52869 1 EACH	Cadweld XBC-1T1T 6 Months	#2 Solid	#90	82.15 3.12 1.42

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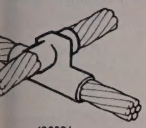
nuing product table (2 of 2)

No. Uom	Manufacturer Mfg. P/N Warranty	Ground wire	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
262 ACH	Cadweld XBC-1V1V 6 Months	#2 Stranded	#90	82.15 4 1.82	79.66 78.84 78.02
834 ACH	Cadweld XBM-2Q2Q 6 Months	4/0 Stranded	#250	250.65 9.3 4.23	243.14 240.63 238.12

B Overlap Cross Connection

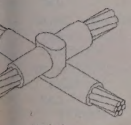


420321

Thomas & Betts Furseweld exothermic ground connections require the use of Thomas & Betts handle clamps. Furseweld weld metal must be purchased seperately.

No. Uom	Manufacturer Mfg. P/N Warranty	Ground wire	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 0321 ACH	Thomas and Betts CC11-7-#2S#2S 2 Years	#2 SOL	90RTB	477.50 3.9 1.77	350.94 337.58 333.28
EW 0305 ACH	Thomas and Betts CC11-7-#2#2 2 Years	#2 STR	90RTB	172.85 3.9 1.77	127.03 122.19 120.63
EW 5320 ACH	Thomas and Betts CC11-7-4/04/0 2 Years	4/0 STR	250RTB	175.50 3.9 1.77	128.97 124.06 122.48

oss Connection for Horizontal Cable



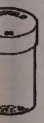
416068

X, or cross connection of horizontal cables. Run and tap can be the same or different size cables. Tap cable is continuous and overlaps run. Requires MH1 handle clamp for #2 cable and smaller. Others come with frame. All require appropriate weld metal.

No. Uom	Manufacturer Mfg. P/N Warranty	Ground wire	Weld Metal	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
6068 ACH	Harger XO2S2SB 6 Months	#2 Solid	UWM90	79.55 3.12 1.42	73.15 72.42 71.69

Weld Metal [451-70]

eld Metal



3760

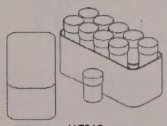
nuing product table (1 of 2)

No. Uom	Manufacturer Mfg. P/N Warranty	Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 5143 ACK	Cadweld XL-25 6 Months	XL-25	26.50 1 0.45	25.68 25.42 25.15
367 ACH	Cadweld #32 6 Months	#32	2.20 2.12 0.96	2.12 2.10 2.08
760 ACK	Cadweld #32 - CASE 6 Months	#32	43.60 2 0.91	42.30 41.86 41.42
153 ACH	Cadweld #45 6 Months	#45	3.05 0.13 0.06	2.96 2.93 2.90
546 ACK	Cadweld #45 - CASE 6 Months	#45	61.00 2.42 1.1	59.17 58.56 57.95
EW 2142 ACK	Cadweld XL-45 6 Months	XL-45	30.95 2.2 1	30.01 29.70 29.39

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
28939 1 EACH	Cadweld #65 6 Months	#65	3.80 0.16 0.07	3.66 3.62 3.59
67332 20 PACK	Cadweld #65 - CASE 6 Months	#65	37.70 3.2 1.45	36.54 36.17 35.79
15725 1 EACH	Cadweld #90 6 Months	#90	5.30 0.25 0.11	5.12 5.06 5.01
54118 10 PACK	Cadweld #90 - CASE 6 Months	#90	52.70 2.3 1.05	51.09 50.57 50.04
34115 1 EACH	Cadweld #115 6 Months	#115	6.60 0.34 0.15	6.38 6.31 6.25
56616 10 PACK	Cadweld #115 - CASE 6 Months	#115	65.70 3.4 1.55	63.70 63.05 62.39
43402 10 PACK	Cadweld #150 - CASE 6 Months	#150	82.70 3.98 1.81	80.19 79.37 78.54
95009 1 EACH	Cadweld #150 6 Months	#150	8.30 0.41 0.19	8.03 7.94 7.86
30188 10 PACK	Cadweld #200 - CASE 6 Months	#200	102.50 5 2.27	99.43 98.40 97.38
81795 1 EACH	Cadweld #200 6 Months	#200	10.25 0.5 0.23	9.95 9.84 9.74
16974 10 PACK	Cadweld #250 - CASE 6 Months	#250	118.85 5.25 2.39	115.27 114.08 112.89

T&B Weld Metal



417319

T&B Furseweld weld metals are packaged in individual moisture resistant plastic cartridges. The size of weld metal required depends on the exothermic mold being used. All weld metal packs include seperately packaged retaining disks and starting powder for each cartridge. Furseweld weld powders are suitable for making connections from copper to copper and from copper to steel.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 417319 20 PACK	Thomas and Betts 32RTB 6 Months	32RTB	38.00 1.4 0.64	27.93 26.87 26.53
NEW 461343 20 PACK	Thomas and Betts 45RTB 6 Months	45RTB	45.20 2 0.91	33.23 31.96 31.55
NEW 487324 10 PACK	Thomas and Betts 65RTB 6 Months	65RTB	30.20 1.43 0.65	22.20 21.36 21.08
NEW 439347 10 PACK	Thomas and Betts 90RTB 6 Months	90RTB	29.20 2 0.91	24.50 24.50 24.50
NEW 463300 10 PACK	Thomas and Betts 115RTB 6 Months	115RTB	47.40 2.5 1.14	34.84 33.52 33.09
NEW 473335 20 PACK	Thomas and Betts 150RTB 6 Months	150RTB	115.20 6.6 3	84.68 81.45 80.41
NEW 477313 10 PACK	Thomas and Betts 200RTB 6 Months	200RTB	78.80 4.4 2	57.92 55.72 55.01

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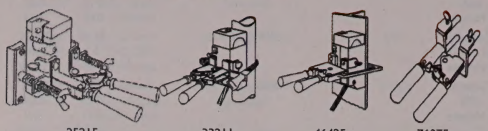
Handles and Accessories [451-80]

Cadweld Handle Clamps

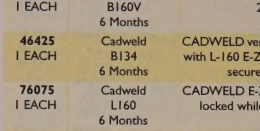


25215 33211 46425 76075

Handle clamp frame required fo GY "P" price key molds for ground rod connections.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **25215** 1 EACH	Cadweld B396 6 Months	CADWELD E-Z change magnetic handle clamp holds the mold locked until the exother- mic reaction occurs.	250.50 7 3.18	242.97 240.47 237.96
33090 1 EACH	Cadweld B399ES 6 Months	Handle clamp for GY "P" price key molds for ground rod connections.	83.60 1.15 0.52	81.08 80.24 79.41
33211 1 EACH	Cadweld B160V 6 Months	Combination E-Z vertical pipe handle clamp. Includes 20" chain for up to 4" pipe.	99.50 15 6.82	96.49 95.50 94.50
46425 1 EACH	Cadweld B134 6 Months	CADWELD vertical surface mold support clamp for use with L-160 E-Z change handle clamp. Use to hold mold securely to a vertical column or angle.	33.80 2 0.91	32.77 32.43 32.10
76075 1 EACH	Cadweld L160 6 Months	CADWELD E-Z change handle clamps. Keeps the mold locked while exothermic reaction is taking place. Includes flint igniter .	49.95 5 2.27	48.44 47.94 47.44
84818 1 EACH	Cadweld B160H 6 Months	Combination E-Z horizontal pipe handle clamp. Includes 20" chain for up to 4" pipe.	99.50 15 6.82	96.49 95.50 94.50

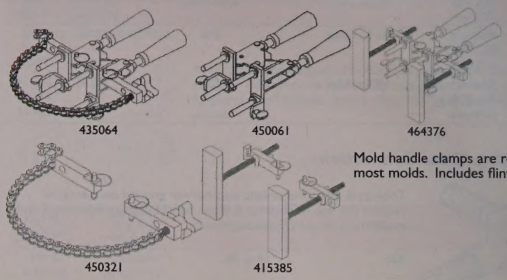
T&B Handle Clamps



428322 452361 443363 443309

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **444369** 1 EACH	Thomas and Betts HCPK1 2 Years	T&B HCPK1 handle clamp for T&B price key 1 exother- mic molds.	82.55 2.25 1.02	60.67 58.36 57.62
NEW **428322** 1 EACH	Thomas and Betts HCPK2 2 Years	T&B HCPK2 handle clamp for T&B price key 2 exother- mic molds.	86.30 1.65 0.75	63.44 61.02 60.24
NEW **452361** 1 EACH	Thomas and Betts HCPK3 2 Years	T&B HCPK3 handle clamp for T&B price key 3 exother- mic molds.	86.30 1.15 0.52	63.44 61.02 60.24
NEW **456381** 1 EACH	Thomas and Betts HCPK3A 2 Years	T&B HCPK3A handle clamp for T&B price key 3 exo- thermic molds (vertical rebar connections).	180.55 2.5 1.14	132.69 127.63 126.01
NEW **457315** 1 EACH	Thomas and Betts HCPK3B 2 Years	T&B HCPK3B handle clamp for T&B price key 3 exo- thermic molds (horizontal rebar connections).	160.35 1.63 0.74	117.85 113.36 111.92
NEW **485378** 1 EACH	Thomas and Betts HCPK3BMOD 2 Years	T&B HCPK3BMOD handle clamp for T&B price key 3 exothermic molds (horizontal rebar cross connections).	48.40 1.63 0.74	35.56 34.21 33.77
NEW **443363** 1 EACH	Thomas and Betts HCPK4 2 Years	T&B HCPK5 handle clamp for T&B price key 5 exother- mic molds.	112.40 4.45 2.02	82.59 79.44 78.43
NEW **468376** 1 EACH	Thomas and Betts HCPK5 2 Years	T&B HCPK4 handle clamp for T&B price key 4 exother- mic molds.	116.45 2.85 1.3	85.59 82.33 81.28
NEW **415387** 1 EACH	Thomas and Betts HCPK7 2 Years	T&B HCPK7 handle clamp for T&B price key 7 exother- mic molds.	312.55 1.65 0.75	229.72 220.97 218.16
NEW **456357** 1 EACH	Thomas and Betts HCPK8 2 Years	T&B HCPK8 handle clamp for T&B price key 8 exother- mic molds.	312.55 6.65 3.02	229.72 220.97 218.16
NEW **443309** 1 EACH	Thomas and Betts FRAME1 2 Years	For use with T&B HCPK4 handle clamp on price key 9 exothermic molds.	141.10 1.9 0.86	103.71 99.76 98.49
NEW **478347** 1 EACH	Thomas and Betts FRAME2 2 Years	For use with T&B HCPK5 handle clamp on price key 10 exothermic molds.	141.10 2.22 1.01	103.71 99.76 98.49

Ultraweld Handle Clamps



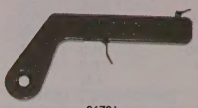
435064 450061 464376

450321 415385

Mold handle clamps are required fo most molds. Includes flint ignitor.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
435064 1 EACH	Harger CSH1 6 Months	Chain Support Clamps for molds beginning with VA, VD,VT or VU.	87.40 15 6.82	80. 79. 78.
450061 1 EACH	Harger MH-1 6 Months	Use with molds with "B", "E" or "K" suffix.	43.00 5 2.27	39. 39. 38.
NEW **464376** 1 EACH	Harger MSHC1 6 Months	ULTRAWELD magnetic support handle clamp. Allow mold to be securely held in place on steel surfaces. Use with molds with "B", "E" or "K" suffix.	251.10 20 9.09	231 228 226
NEW **438198** 1 EACH	Harger CSKIT 6 Months	Converts standard mold handle clamp into a chain sup- port clamp.	49.65 2 0.91	45. 45. 44.
NEW **450321** 1 EACH	Harger CSKIT 6 Months	20" long chain kit for use with the MH-1 handle clamp.	50.60 1.25 0.57	46. 46 45.
492038 1 EACH	Harger ULTRAMH1KIT 6 Months	Kit includes MH-1 handle clamp, 20" chain kit and mag- netic attachment.	266.60 8.25 3.75	245 242 240
NEW **415385** 1 EACH	Harger MSKIT 6 Months	Magnetic kit for MH1 handle clamps.	145.50 5 2.27	133. 132. 131.

Cadweld Flint Igniter

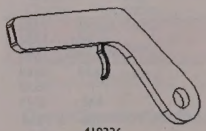


86791

Flint igniter. Used to ignite the starting material when makir Cadweld connection. One is included with each E-Z handle clamp.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
86791 1 EACH	Cadweld T320 6 Months	Flint igniter	6.20 0.25 0.11	6.0 5.9 5.8
35184 1 EACH	Cadweld T320A 6 Months	Replacement flints	0.60 0.02 0.01	0.5 0.5 0.5

T&B Flint Igniter



419336

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW **419336** 1 EACH	Thomas and Betts FGUN 2 Years	T&B starting powder ignition and gun for igniting exo- thermic welds.	14.55 0.18 0.08	10.6 10.2 10.1
NEW **466389** 3 PACK	Thomas and Betts WRB1 2 Years	T&B pair of replacement flints for flint ignitor gun.	29.10 0.5 0.23	21.3 20.5 20.3

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ld Disks

70707

The disk sits inside the mold and it's purpose is to hold the powdered weld metal until the reaction takes place. The molten copper melts the disk and flows over the conductors to form a permanent molecular bond.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
V 68 CK	Harger DISKKIT1 6 Months	For Ultaweld molds - contains 60 small, 30 medium and 30 large disks.	1.00 0.5 0.23	7.28 7.28 7.28
07 CK	Cadweld B117A 6 Months	Used in molds using #15-#65 shots.	1.35 0.02 0.01	1.29 1.28 1.27
2 CK	Cadweld B117B 6 Months	Used in molds using #90-#150 shots.	0.70 0.02 0.01	0.65 0.65 0.64
5 CK	Cadweld B117C 6 Months	Used in molds using #150-#500 shots.	0.70 1 0.45	0.65 0.65 0.64

h Head

0005

Self-igniting torch head is designed to fit 14 or 16 ounce propane cylinders. Torches are required to dry out molds and moist conductors prior to making the connections.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
5 H	Cadweld T111 6 Months	"Surefire" Auto ignite propane torch head	80.65 1.5 0.68	78.21 77.40 76.59
48 H	Harger TRCHD 6 Months	Self-igniting torch head. Fits on 14 or 16 ounce propane cylinders.	72.60 1.5 0.68	66.80 66.14 65.47

weld Scrapers & Brushes

48398

73577

Rasp. Useful tool for cleaning steel or cast iron surface when preparing to make a Cadweld connection.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
8 H	Cadweld T313 6 Months	File card	5.95 0.2 0.09	5.78 5.72 5.66
7 H	Cadweld T321 6 Months	Rasp	112.80 1.5 0.68	109.39 108.26 107.14
3 H	Harger CCBRSH1 6 Months	File Card Cloth Brush	5.25 0.5 0.23	4.80 4.76 4.71
9 H	Cadweld T321A 6 Months	Rasp replacement blade	89.40 0.8 0.36	86.69 85.80 84.91

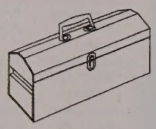
T&B Brushes, Scrapers and Accessories

424314

461304

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 457317 6 PACK	Thomas and Betts WWB1 2 Years	Cleaning of stranded and solid conductors	79.25 2.5 1.14	58.25 56.03 55.31
NEW 424314 1 EACH	Thomas and Betts BFC 2 Years	T&B brush for the cleaning of conductors and surfaces.	13.50 0 0	9.93 9.55 9.43
NEW 461304 1 EACH	Thomas and Betts BCM 2 Years	T&B soft brush for mold cleaning.	2.70 0.04 0.02	1.99 1.91 1.89
NEW 489309 1 EACH	Thomas and Betts STM1-TB 2 Years	T&B scraper to break up and removal of slag in mold crucible.	11.70 0.29 0.13	8.60 8.28 8.17
NEW 470334 1 EACH	Thomas and Betts MSC 2 Years	T&B compound for use in mold sealing on un-even surfaces and general mold sealing.	29.00 1.1 0.5	21.32 20.51 20.25
NEW 421353 25 PACK	Thomas and Betts PACK-A 2 Years	T&B compound for mold sealing on rebar surfaces	2.90 36.25 16.48	2.14 2.05 2.03

Cadweld Tools



Cadweld tool kit. Includes tool box, disk container, flint igniter, pliers, file, mold cleaner, brushes, rasp & screwdriver.

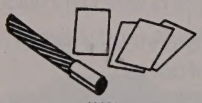
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30663 1 EACH	Cadweld T315A 1 Year	Tool Kit	231.30 11 5	224.37 222.05 219.74

Ultraweld Tool Kit

464094

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
464094 1 EACH	Harger TOOLKIT 6 Months	Ultraweld Tool Kit	206.55 11 5	190.00 188.10 186.20

Copper Wrap Sleeves



83886

Copper wrap sleeves used to wrap around the cable until the diameter is about the same as the opening in the mold.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
67866 25 PACK	Cadweld B-112 6 Months	Adapter Sleeves	5.85 0.25 0.11	5.66 5.60 5.54
83886 50 PACK	Cadweld B-140-A 6 Months	Adapter Sleeves	11.70 0.25 0.11	11.32 11.21 11.09

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ck Mounted Power Supply without Meters [448-10]

If you are buying these, you might need:

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Equipment Racks ..... page 537
Site Battery Backup Systems ..... page 607
Grounding Systems ..... page 560

220 Volt Switching Power Supply

DuraComm "half rack" power supplies feature Power Bloc switching modules which allows you to increase amperage and/or voltage plus adds N+1 redundancy for system integrity. Typical 80% efficiency produces extremely low heat. ostatically controlled fans provide cooling. Electronic and fuse output protection.

Qty/Uom	Manufacturer Mfg. P/N Warranty	Amperage (Intermittent) Amperage (Cont.)	Input Voltage (VAC) Output Voltage (VDC)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
0	DuraComm Corp.	25	110/220	232.05	198.00
4	RM2512	20	13.8	5.5	197.81
	1 Year			2.5	197.21
1	DuraComm Corp.	50	110/220	349.20	298.00
4	RM5012	36	13.8	9	297.71
	1 Year			4.09	296.81
3	DuraComm Corp.	75	110/220	536.70	458.00
4	RM7512	54	13.8	12	457.55
	1 Year			5.45	456.17
5	DuraComm Corp.	100	110/220	732.35	625.00
4	RM10012	72	13.8	14	624.38
	1 Year			6.36	622.50
	DuraComm Corp.	12.5	110/220	206.25	176.00
2	RM1224	10	27.5	5.5	175.83
4	1 Year			2.5	175.30
3	DuraComm Corp.	25	110/220	349.20	298.00
4	RM2524	20	27.5	9	297.71
	1 Year			4.09	296.81
7	DuraComm Corp.	12	110/220	349.20	298.00
4	RM1248	10	48	9	297.71
	1 Year			4.09	296.81
2	DuraComm Corp.	25	110/220	732.35	625.00
4	RM2548	20	48	14	624.38
	1 Year			6.36	622.50

Redundant Power System

The N+1 Redundant Power System provides continuous, trouble-free power for your critical applications. Available with 13.8VDC or 27.6VDC output these units feature:

- edundancy
- 220 VAC manual switch
- swap modules
- status monitoring
- High efficiency
- Double-sided circuit boards
- Precise load sharing
- Redundant o-ring diode

Qty/Uom	Manufacturer Mfg. P/N Warranty	Amperage (Intermittent) Amperage (Cont.)	Input Voltage (VAC) Output Voltage (VDC)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
	Innovative Circuit	105	105-130/205-250 switchable	881.85	661.38
8	Tech.	100	13.8	15.7	617.29
4	ICT22012-100N			7.14	572.32
	1 year				
	Innovative Circuit	140	105-130/205-250 switchable	1,079.40	809.52
2	Tech.	133	13.8	17.3	755.56
1	ICT22012-140N			7.86	700.51
	1 year				

Power Bloc Module

DuraComm Power Bloc Module allows you to add to the RM (not RMF) series of DuraComm power supplies to increase voltage, amperage or N+1 redundancy for system integrity. Can also be used as a stand alone power supply.

- Series/ Parallel Function
- Over Temperature/ Short Circuit/ OverVoltage Protection
- Heat Controlled Fan Cooling
- Approval: UL

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Amperage (Intermittent) Amperage (Cont.)	Input Voltage (VAC) Output Voltage (VDC)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
86078	DuraComm Corp.	25	110/220	157.05	134.00
1 EACH	SM2512	20	13.8	4	133.87
	1 Year			1.82	133.47
461146	DuraComm Corp.	12.5	110/220	127.75	109.00
1 EACH	SM1228	10	24	4	108.90
	1 Year			1.82	108.57

115/230 VAC Switching Power Supply

SAMLEX switching power supplies feature a high efficiency switching mode technology specifically filtered for use with all communication equipment including HF. Features include current limiting, overvoltage and short circuit protection. 105-125 VAC input, internally selectable 200-260 VAC*. UL Approved.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Amperage (Intermittent) Amperage (Cont.)	Input Voltage (VAC) Output Voltage (VDC)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
44500	Samlex America	12	115/230*	142.85	104.14
1 EACH	SEC1212-R1	10	13.8	5.8	102.06
	3 year			2.64	99.98
69679	Samlex America	25	115/230*	176.15	128.43
1 EACH	SEC1223-R1	23	13.8	9	125.87
	3 year			4.09	123.30
30037	Samlex America	25+25	115/230*	313.10	228.29
1 EACH	SEC1223-R2	23+23	13.8	13	223.73
	3 year			5.91	219.16

115/230 Volt Switching Power Supply

Astron switching power supplies feature high efficiency switching technology specifically filtered for use with all communication equipment including HF. Features heavy duty design in a low profile lightweight package. Protection includes current limiting, overvoltage and fuse. Switch selectable 90-132 or 180-264 VAC @ 50/60 Hz. 3.5H x 19W x 9 3/8D.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Amperage (Intermittent) Amperage (Cont.)	Input Voltage (VAC) Output Voltage (VDC)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
61831	Astron	10	115/230	165.95	85.04
1 EACH	SRM-10	7	13.8	4.2	84.00
	1 yr			1.91	82.96
48617	Astron	12	115/230	180.80	92.66
1 EACH	SRM-12	10	13.8	5.15	91.53
	1 yr			2.34	90.40
87010	Astron	18	115/230	203.15	104.10
1 EACH	SRM-18	15	13.8	4.6	102.83
	1 yr			2.09	101.56
35403	Astron	25	115/230	247.80	126.98
1 EACH	SRM-25	20	13.8	6.85	125.43
	1 yr			3.11	123.88
73796	Astron	30	115/230	260.20	133.34
1 EACH	SRM-30	25	13.8	7.15	131.71
	1 yr			3.25	130.08

115 Volt Input, 12 VDC Output

Solid State electronically regulated. Feature fold-back current limiting to protect the power supply from excessive current or shorted output. Chassis mounted fuse. Less than 5 mv ripple peak to peak (full load and low line).

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Amperage (Intermittent) Amperage (Cont.)	Input Voltage (VAC) Output Voltage (VDC)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
85999	Astron	12	115	156.30	104.49
1 EACH	RM12A	9	13.8	18.08	95.51
	1 yr			8.22	93.77

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Power Supplies, Rack Mounted

Rack Mounted Power Supply without Meters [448

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Amperage (Intermittent) Amperage (Cont.)	Input Voltage (VAC) Output Voltage (VDC)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
21178	Astron	35	115	341.80	228.51
1 EACH	RM35A	25	13.8	39.92	208.88
	1 yr			18.14	205.07
46357	Astron	50	115	381.45	255.03
1 EACH	RM50A	37	13.8	52.12	233.12
	1 yr			23.69	228.87
19929	Astron	60	115	493.45	329.91
1 EACH	RM60A	50	13.8	63	301.57
	1 yr			28.63	296.07

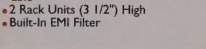
DuraComm Rack Mount Power Supplies

DuraComm rack mount power supplies with power factor correction and universal AC input.

- 2 Rack Units (3 1/2") High
- Built-In Remote Control- Turn on/off from remote location
- Built-In Remote Sense- Maintains voltage at load
- Short Circuit/ Over Load/ Over Voltage/ Over Temperature Protection
- In-Rush Current Limiting
- UL, CE,TUV and CUL approved

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Amperage (Intermittent) Amperage (Cont.)	Input Voltage (VAC) Output Voltage (VDC)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
428169	DuraComm Corp.	N/A	85-264	310.55	265.00
1 EACH	RMF4012	40	13.8	7.39	264.74
	1 Year			3.36	263.94
498172	DuraComm Corp.	N/A	88-264	318.75	272.00
1 EACH	RMF2024	20	24-29	7	271.73
	1 Year			3.18	270.92
448158	DuraComm Corp.	N/A	88-264	324.60	277.00
1 EACH	RMF1048	10	48-56	7	276.73
	1 Year			3.18	275.90

DuraComm Low Power Rack Mount Supplies



DuraComm low power rack mount power supplies.

- Input Voltage- 88-132/ 176-264VAC, switch selectable
- 2 Rack Units (3 1/2") High
- Built-In EMI Filter
- Short Circuit/ Over Load/ Over Voltage/ Over Temperature Protection
- Soft Start with Limiting AC Surge Current
- UL, CE,TUV and CUL approved

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Amperage (Intermittent) Amperage (Cont.)	Input Voltage (VAC) Output Voltage (VDC)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
472170	DuraComm Corp.	N/A	88-264	117.20	100.00
1 EACH	RMSLI212	12.5	12-15	4	99.90
				1.82	99.60
474183	DuraComm Corp.	N/A	88-264	117.20	100.00
1 EACH	RMSL624	6.25	24-29	4	99.90
				1.82	99.60
488171	DuraComm Corp.	N/A	88-264	117.20	100.00
1 EACH	RMSL348	3.2	48-56	3.74	99.90
				1.7	99.60

RM Series Back-Up w/Charge Option

DuraComm Battery Backup WITH Charging option for RM (not RMF or RMSL) series power supplies. Provides trickle/ slow charhging to the battery. Will charge and float maintain a deep cycle 100 amp/hr battery. User must allow up to 10 amps of power from the RM supply for charging. Attaches to rear of supply. Includes terminals for load and battery.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Amperage (Intermittent) Amperage (Cont.)	Input Voltage (VAC) Output Voltage (VDC)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37351	DuraComm Corp.	Backup	W/Charge	146.50	125.00
1 EACH	RMBC	Battery	Option, 28VDC Max.	3	124.88
	1 Year			1.36	124.50
432042	DuraComm Corp.	Backup	W/Charge	146.50	125.00
1 EACH	RMBC-48HP	Battery	Option, 60VDC Max.	3	124.88
	1 Year			1.36	124.50

RM Series Battery Back-Up Option

88958

DuraComm Battery Backup option for the RM (not RMF RMSL) power supplies. Attaches to the rear of supply usi existing hardware. Dual diode isolates battery from powe ply and from the battery. Either can fail without draining other. Does not provide battery charging. Includes termin load and battery.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Amperage (Intermittent) Amperage (Cont.)	Input Voltage (VAC) Output Voltage (VDC)	List ($) Wt. (lbs) Wgt. (kg.)
88958	DuraComm Corp.	Backup	Option	134.75
1 EACH	RMBB	Battery		2
	1 Year			0.91

Newmar /Power One Rectifiers and Shelves

NHS series telecom rectifiers and NPS power shelves tute a high power, high density, 48VDC or 24VDC pow tem with expandability, N+1 parallel/ redundant config and full hot-swap capability. Each NPS power shelf occ 3U of rack space and accommodates multiple NHS rec Purchase rectifiers and shelves separately.

- High density telecom power -- up to 200 amps (48VDC) or 400 amps (24VDC)
- Positive ground (48V) or negative ground (24V)
- 3U rack space
- Insert /remove rectifiers without system shut-down
- Automatic load current sharing
- Remote activation /shut-down via TTL signal
- Active power factor correction to .99 PF
- Meets UL, CSA TUV specifications

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Amperage (Intermittent) Amperage (Cont.)	Input Voltage (VAC) Output Voltage (VDC)	List ($) Wt. (lbs) Wgt. (kg.)
NEW	NewMar	100	180-264	2,642.60
473369	NHS24-100	N/A	27.0 (adjust)	14.6
1 EACH				6.64
NEW	NewMar	50	180-264	2,210.00
458382	NHS48-50	48	54.0 (adjust)	14.6
1 EACH				6.64
NEW	NewMar	N/A	19" NHS Shelf	1,445.00
412371	NPS3-S	N/A		21
1 EACH				9.54
NEW	NewMar	N/A	23" NHS Shelf	1,445.00
441373	NPS4-S	N/A		24
1 EACH				10.91

Unity Rectifier and Fuse Distribution

Three rectifiers plus fuse distribution all in 1 rack unit watt rectifier units and fuse panel slide into the unity s Shelf accomodates up to three rectifiers, plus a five-po GMT fuse panel. Purchase rectifiers, shelf, fuse panel an fuses separately

- Slide-in, hot swap architecture, N, N+1, N+2
- Form C output failure contacts for remote alarm
- DC OK/FAIL front panel status indicators
- Front panel voltage test points and adjustment
- Configurable for positive or negative ground
- (1) 1.75" high rack unit, for 19" or 23" wide ra

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Amperage (Intermittent) Amperage (Cont.)	Input Voltage (VAC) Output Voltage (VDC)	List ($) Wt. (lbs) Wgt. (kg.)
NEW	NewMar	6	115/230	295.00
483329	UR24-3	6	24	3
1 EACH	2 years			1.36
NEW	NewMar	3	115/230	295.00
450320	UR48-3	3	48	3
1 EACH	2 years			1.36
NEW	NewMar	N/A	Unity Rectifier	195.00
494390	URS	N/A	Shelf	9
1 EACH	2 years			4.09
NEW	NewMar	N/A	GMT Fuse Panel	185.00
453342	UFP-5	N/A	N/A	2
1 EACH	2 years			0.91
NEW	NewMar	N/A	1 Amp GMT Fuse	7.95
457394	UGF-1	N/A		0.02
1 EACH	2 years			0.01
NEW	NewMar	N/A	3 Amp GMT Fuse	7.95
435314	UGF-3	N/A		0.02
1 EACH	2 years			0.01
NEW	NewMar	N/A	5 Amp GMT Fuse	7.95
430343	UGF-5	N/A		0.02
1 EACH	2 years			0.01
NEW	NewMar	N/A	10 Amp GMT Fuse	7.95
479304	UGF-10	N/A		0.02
1 EACH	2 years			0.01
NEW	NewMar	N/A	15 Amp GMT Fuse	7.95
473328	UGF-15	N/A		0.02
1 EACH	2 years			0.01

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ack Mounted Power Supplies with Meters [448-20]

If you are buying these, you might need:

AC Power Protection ..... page 554
DC Power Protection ..... page 555
Equipment Racks ..... page 537
Site Battery Backup Systems ..... page 607
Grounding Systems ..... page 560

5/230 VAC Switching Power Supply

Astron switching power supplies feature high efficiency switching technology specifically filtered for use with all communication equipment including HF. Features heavy duty design in a low profile lightweight package. Protection includes current limiting, overvoltage and fuse. Switch selectable 115/230 VAC input. Includes separate voltage & amperage meters.

Qty/Uom	Manufacturer Mfg. P/N Warranty	Amperage (Intermittent) Amperage (Cont.)	Input Voltage (VAC) Output Voltage (VDC)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
32 CH	Astron SRM-25M	25 20	115/230 13.8	289.95 6 2.73	148.59 146.78 144.96
36 CH	Astron SRM-30M-2	30 25	115/230 13.8	592.25 10 4.54	303.52 299.82 296.12

5 Volt Input, 28 VDC Output

Solid State electronically regulated. Feature fold-back current limiting to protect the power supply from excessive current or shorted output. Chassis mounted fuse. Less than 5 mv ripple peak to peak (full load and low line). Includes separate volt and amp meters.

Qty/Uom	Manufacturer Mfg. P/N Warranty	Amperage (Intermittent) Amperage (Cont.)	Input Voltage (VAC) Output Voltage (VDC)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
20 CH	Astron LSRM18M	18 12	115 28	373.30 38.92 17.69	249.57 228.13 223.97
06 CH	Astron LSRM25M	25 18	115 28	415.30 51.23 23.28	277.65 253.80 249.17

5 Volt Input, 12 VDC Output

Solid State electronically regulated. Feature fold-back current limiting to protect the power supply from excessive current or shorted output. Chassis mounted fuse. Less than 5 mv ripple peak to peak (full load and low line). Includes separate volt and amp meters.

Qty/Uom	Manufacturer Mfg. P/N Warranty	Amperage (Intermittent) Amperage (Cont.)	Input Voltage (VAC) Output Voltage (VDC)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
35 CH	Astron RM12M	12 9	115 13.8	186.65 18.32 8.33	124.77 114.05 111.97
54 CH	Astron RM35M	35 25	115 13.8	372.15 38.64 17.56	248.79 227.42 223.27
03 CH	Astron RM50M	50 37	115 13.8	354.95 52.02 23.64	255.57 248.47 239.60
32 CH	Astron RM60M	55 50	115 13.8	467.95 57.28 26.03	336.93 327.57 315.87

Power Modules

Power Module may be employed singly or in combination, enabling the installer to scale the system from 500 to 6,000 watts per rack. They function as either a power supply or three stage battery charger for positive, negative or floating grounds. Units may be paralleled for N+1 redundancy. Alarm contacts allow local or remote monitoring. 19" or 23" rack mountable. They can also be intergrated with the PFM-200 Power Function Manager (SKU 475053) with such functions a digital meter output monitoring, multiple load distribution, remote shutdown and low voltage disconnect.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Amperage (Intermittent) Amperage (Cont.)	Input Voltage (VAC) Output Voltage (VDC)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
20295 1 EACH	NewMar PM-12-40	N/A 40	115/230 13.6	1,050.00 14.2 6.45	735.00 708.75 674.10
32260 1 EACH	NewMar PM-12-70	N/A 70	115/230 13.6	1,325.00 17.2 7.82	927.50 894.38 850.65
70653 1 EACH	NewMar PM-24-20	N/A 20	115/230 27.2	1,050.00 14.2 6.45	735.00 708.75 674.10
57439 1 EACH	NewMar PM-24-35	N/A 35	115/230 27.2	1,400.00 17.2 7.82	980.00 945.00 898.80
82618 1 EACH	NewMar PM-48-10	N/A 10	115/230 54.4	1,050.00 17.85 8.11	735.00 708.75 674.10
31011 1 EACH	NewMar PM-48-18	N/A 18	115/230 54.4	1,325.00 16 7.27	927.50 894.38 850.65

110/220 VAC Switching Power Supply

DuraComm "half rack" power supplies feature Power Bloc switching modules which allows you to increase amperage and/or voltage plus adds N+1 redundancy for system integrity. Typical 80% efficiency produces extremely low heat. Thermostatically controlled fans provide cooling. Electronic and fuse output protection. Switchable volt/ amp meter.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Amperage (Intermittent) Amperage (Cont.)	Input Voltage (VAC) Output Voltage (VDC)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
82860 1 EACH	DuraComm Corp. RM5012M	50 36	110/220 13.8	407.80 9 4.09	348.00 347.66 346.61
48934 1 EACH	DuraComm Corp. RM10012M	100 72	110/220 13.8	790.95 14 6.36	675.00 674.33 672.30
NEW 471189 1 EACH	DuraComm Corp. RM1224M	12.5 10	110/220 27.5	250.80 5.5 2.5	214.00 213.79 213.15
23755 1 EACH	DuraComm Corp. RM2524M	25 20	110/220 27.5	407.80 9 4.09	348.00 347.66 346.61
87327 1 EACH	DuraComm Corp. RM5024M	50 42	110/220 27.5	930.40 14 6.36	794.00 793.21 790.83

Universal AC Input Power Supplies

DuraComm rack mount power supplies with power factor correction, universal AC input and meters.

- Power Factor Correction
- Voltage/Amperage Meter
- Built-In Remote Control- Turn on/off from remote location
- Built-In Remote Sense- Maintains voltage at load
- Short Circuit/ Over Load/ Over Voltage/ Over Temperature Protection
- In-Rush Current Limiting
- Available Factory Installed Options- Smart Charge System, Float Battery Charging System, Low Voltage Disconnect

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Amperage (Intermittent) Amperage (Cont.)	Input Voltage (VAC) Output Voltage (VDC)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
489161 1 EACH	DuraComm Corp. RLP4012	N/A 40	90-264 12-15	438.25 12 5.45	374.00 373.63 372.51
476173 1 EACH	DuraComm Corp. RLP8012	N/A 80	90-264 12-15	757.00 17 7.73	646.00 645.36 643.42

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Amperage (Intermittent) Amperage (Cont.)	Input Voltage (VAC) Output Voltage (VDC)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
496170	DuraComm Corp.	N/A	90-264	475.75	406.00
1 EACH	RLP2024	20	24-29	12	405.60
				5.45	404.38
490141	DuraComm Corp.	N/A	90-264	772.20	659.00
1 EACH	RLP4024	40	24-29	17	658.35
				7.73	656.37
469114	DuraComm Corp.	N/A	90-264	475.75	406.00
1 EACH	RLP1048	10	48-56	12	405.60
				5.45	404.38
426174	DuraComm Corp.	N/A	90-264	734.70	627.00
1 EACH	RLP2048	20	48-56	17	626.38
				7.73	624.50

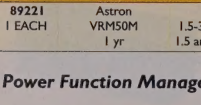
Rackmount Power Systems

RPS Series is a fully integrated DC power system with redundant rectifiers, configured for back-up battery installation, to provide fault-tolerant operation in any communication system. System is easily expandable up to 80 amps (48 volt) or 150 amps (24 volt). Battery strings and shelves are optional.

- 19" X 7' Rack
- Ground Bus Bar
- Quick Connect Wiring Harness
- N+1 Redundant Rectifiers
- Power Function Manager

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Amperage (Intermittent) Amperage (Cont.)	Input Voltage (VAC) Output Voltage (VDC)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
425065	NewMar	10 (redundant)	85-135/170-270 (selectable)	3,990.00	2,793.00
1 EACH	RPS 48-10	20 (non-redundant)	54.4	110	2,693.25
				50	2,647.03
427021	NewMar	18 (redundant)	85-135/170-270 (selectable)	4,540.00	3,178.00
1 EACH	RPS 48-18	36 (non-redundant)	54.4	116	3,064.50
				52.72	3,063.25
483004	NewMar	20 (redundant)	85-135/170-270 (selectable)	3,990.00	2,793.00
1 EACH	RPS 24-20	40 (non-redundant)	27.2	110	2,693.25
				50	2,647.03
495087	NewMar	35 (redundant)	85-135/170-270 (selectable)	4,540.00	3,178.00
1 EACH	RPS 24-35	70 (non-redundant)	27.2	116	3,064.50
				52.72	3,063.25

Rack Mount Variable Power Supplies



Solid State regulated power supply. Features current limiting and crowbar over voltage protection. Separate voltage and amperage meters.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Amperage (Intermittent) Amperage (Cont.)	Input Voltage (VAC) Output Voltage (VDC)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
89221	Astron	50	115	435.20	290.94
1 EACH	VRM50M	1.5-37 Adj. (Draws	2-15 Adj.	51.63	265.95
	1 yr	1.5 amps at full load)		23.47	261.10

Power Function Manager

Power Function Manager allows you to convert ordinary power supplies (or Newmar Power Modules) into a fully integrated power system with or without batteries. Provides for control, digital output monitoring, paralleling and protection of 12, 24 or 48 VDC positive, negative or floating ground power sources. Features: heavy duty (400 amp) parallel tie point, system status lights, load distribution circuits, low voltage disconnect and summary alarm contacts all combined in a compact, rackmount housing which serves as a master DC power management and distribution center.

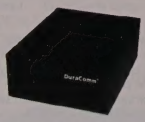
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Amperage (Intermittent) Amperage (Cont.)	Input Voltage (VAC) Output Voltage (VDC)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
475053	NewMar	N/A	12/24/48	1,170.00	819.00
1 EACH	PFM-400	400	12/24/48	20.5	789.75
				9.32	751.14

Power Supplies with Battery Backup [448-29]

If you are buying these, you might need:

Surge Protection, Battery Backups, UPS . . . . . page 64
Equipment Racks . . . . . page 53
Site Battery Backup Systems . . . . . page 60
Grounding Systems . . . . . page 56

Power Supply with Built-In Battery



DuraComm Desktop Power Supply with Built-In 7 Ah Ba tery

- 110/ 220VAC Input- Jumper Selectable
- Short Circuit/ Over Temperature/ Overload Protected
- Built-In EMI Filter
- Can be used with DuraComm LPH Hoods for Cu tom Mounting of Mobile Radio. See Power Suppl (080-30) section.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Output DC Voltage Current at full load (DCA)	Input AC Voltage Output DC Voltage	Battery Size (AH)	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
435165	DuraComm Corp.	12-13.8	110/220	7 AH	141.80	121
1 EACH	LPB12	12 Amp	(Jumper)		12	120
	1 Year		12-13.8		5.45	120

Power Supply with Backup Batteries

DC backup system is both a power supply and battery charger. When power fails, the batteries take over to prov power to your equipment. The unit charges batteries whe power is restored. Provides overvoltage/current limit pro tion. Supplied with batteries built-in.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Output DC Voltage Current at full load (DCA)	Input AC Voltage Output DC Voltage	Battery Size (AH)	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
11102	NewMar	13.6 VDC	115/230	14 AH	559.00	391.
1 EACH	POWERPAC 14AH	10 amp	13.6 VDC		25	377.
	2 years				11.36	358.
62709	NewMar	13.6 VDC	115/230	7 AH	469.00	328.
1 EACH	POWER-PAC 7AH	10 amp	13.6 VDC		19	316.
	2 years				8.64	301.

2RU Integrated Power System

The IPS is a precision regulated power supply/charger, bac up battery system with multiple metering/status indicator Form C alarm contacts and a low voltage disconnect all i single compact unit which is pre-wired and calibrated for plug-and-play operation. Ideal for customer premises, net-work and telecom applications.

- 2RU (3.5") chassis
- 19' and 23" rack mounting tabs
- AC input circuit breaker
- Forced air cooling
- Internal battery circuit breaker
- Digital ammeter/voltmeter
- LED status indicators
- Auto low voltage or manual battery disconnect
- Built-in batteries
- Remote alarm contacts (rear)
- External battery input terminals (rear)
- External rectifier input terminals (rear)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Output DC Voltage Current at full load (DCA)	Input AC Voltage Output DC Voltage	Battery Size (AH)	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
451154	NewMar	13.6 VDC	92-130/184-260	16 AH	1,650.00	1,353
1 EACH	IPS 12-40	40 Amp	selectable		32	1,320
	2 years		13.6 VDC		14.54	1,303
451187	NewMar	27.2 VDC	92-130/184-260	8 AH	1,650.00	1,353
1 EACH	IPS 24-22	22 Amp	selectable		32	1,320
	2 years		27.2 VDC		14.54	1,303
432192	NewMar	54.4 VDC	92-130/184-260	4 AH	1,650.00	1,353
1 EACH	IPS 48-11	11 Amp	selectable		32	1,320
	2 years		54.4 VDC		14.54	1,303

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k Mounted DC Backup W/O Batteries

Astron backups provide the functions of a power supply plus a battery revert with trickle charging circuit. With your batteries, the system keeps the system running even during an AC power failure. (M) series includes voltage and battery meters. (A) series does not include meters. Batteries not included (see section 050/31).

Manufacturer Mfg. P/N Warranty	Output DC Voltage Current at full load (DCA)	Input AC Voltage Output DC Voltage	Battery Size (AH)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Astron RM35M-BB 1 yr	13.8VDC 35 amp	105-125 13.8VDC	Not Incl	414.15 38 17.27	276.87 253.08 248.47
Astron RM35A-BB 1 yr	13.8VDC 35 amp	105-125 13.8VDC	Not Incl	382.65 38 17.27	255.81 233.83 229.57
Astron RM50A-BB 1 yr	13.8VDC 50 amp	105-125 13.8VDC	Not Incl	424.65 52 23.63	283.89 259.50 254.77
Astron RM50M-BB 1 year	13.8VDC 50 amp	105-125 13.8VDC	Not Incl	457.30 49.3 22.41	305.73 279.46 274.37
Astron RM60M-BB 1 year	13.8VDC 55 amp	105-125 13.8VDC	Not Incl	638.15 63 28.63	426.63 389.98 382.87
Astron RM12A-BB 1 year	13.8 12 amp	105-125 13.8	Not incl	176.15 18.08 8.22	117.75 107.63 105.67

Power System W/O Batteries

New high current switching power system provides N+1 redundancy with provision for uninterrupted DC power with battery back-up. (For use with external batteries).

- dundancy
- back-up option
- D-sub connector for analog signals for indication of volts, amps, module status and ire LED's, AC power failure
- rcuit protection
- Overload current limiting with automatic reset
- Forced air cooling
- BATTERIES NOT INCLUDED

Manufacturer Mfg. P/N Warranty	Output DC Voltage Current at full load (DCA)	Input AC Voltage Output DC Voltage	Battery Size (AH)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Samlex America SPS-2450B 1 year	27.6 57 amp	120 27.6	Not incl	683.75 27.8 12.64	498.57 488.60 478.63

1 DC Power System W/ Backup

SAMLEX N+1 BRM DC Power System features state of the art technology and N+1 redundancy for system integrity. This modular designed switch-mode power supply allows the user to increase amperage in the field from 40A up to 100A. They can also be paralleled up to 200A. Features:

- dundancy
- battery back-up module (max 8 amp charg- rent)
- able up to 100A using Samlex 20A power module (sku 70135)
- nps meter
- Module status and fault indicator LED's and fault alarm
- Short circuit protection and overload current limiting with automatic reset
- D-sub connector for remote analog monitoring
- Half-rack depth, 3.5" height, 19" width

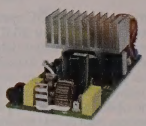
g product table (1 of 2)

Manufacturer Mfg. P/N Warranty	Output DC Voltage Current at full load (DCA)	Input AC Voltage Output DC Voltage	Battery Size (AH)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Samlex America SEC-40BRM 1 year	13.8 46 amp	105-125 13.8	Not included	429.10 23.4 10.64	312.86 306.61 300.35
Samlex America SEC-60BRM 1 year	13.8 69 amp	105-125 13.8	Not included	487.85 25.05 11.39	355.71 348.60 341.49
Samlex America SEC-80BRM 1 year	13.8 92 amp	105-125 13.8	Not included	566.25 26.31 11.96	412.86 404.61 396.35
Samlex America SEC-100BRM 1 year	13.8 115 amp	105-125 13.8	Not included	644.60 28.66 13.03	470.00 460.60 451.20
Samlex America SEC-60BRM(220) 1 year	13.8 69 amp	200-260 13.8	Not included	487.85 26 11.82	355.71 348.60 341.49

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Output DC Voltage Current at full load (DCA)	Input AC Voltage Output DC Voltage	Battery Size (AH)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 468361 1 EACH	Samlex America SEC-100BRM(220) 1 year	13.8 115 amp	200-260 13.8	Not included	644.60 26 11.82	470.00 460.60 451.20

Samlex Power Module



Samlex power module can be added to SEC-BRM series of power supplies to increase amperage or add N+1 redundancy. Can also be used for OEM applications.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Output DC Voltage Current at full load (DCA)	Input AC Voltage Output DC Voltage	Battery Size (AH)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
70135 1 EACH	Samlex America SEC-2012MPSB	13.8 23	115 13.8	N/A	78.40 14 6.36	57.14 56.00 54.86

Power Distribution Panels [448-30]

If you are buying these, you might need:

Grounding Systems . . . . . page 560

Power Distribution Panels

DuraComm Power distribution panels control and protect DC systems. It provides an economical method of distributing power.

- 2 Rack Units (3 1/2") in Vertical Height
- 30A Maximum per Position
- 75A Maximum per Panel
- Uses automotive ATO blade fuses (not supplied)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Amperage (Intermittent) Amperage (Cont.)	Input Voltage (VAC) Output Voltage (VDC) Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
479124 1 EACH	DuraComm Corp. DP-6-75 1 year	30A max per position 75A max per panel	12/24/48 6 position	58.60 3 1.36	50.00 49.95 49.80
431198 1 EACH	DuraComm Corp. DP-9-75 1 year	30A max per position 75A max per panel	12/24/48 9 position	69.15 3 1.36	59.00 58.95 58.77
467152 1 EACH	DuraComm Corp. DP-12-75 1 year	30A max per position 75A max per panel	12/24/48 12 position	86.75 3 1.36	74.00 73.93 73.71
475173 1 EACH	DuraComm Corp. DP-15-75 1 year	30A max per position 75A max per panel	12/24/48 15 position	98.45 3 1.36	84.00 83.92 83.67
414154 1 EACH	DuraComm Corp. DP-18-75 1 year	30A max per position 75A max per panel	12/24/48 18 position	104.30 3 1.36	89.00 88.92 88.65

Power Distribution Block

DuraComm Power Distribution Block is used to distribute DC power from one supply to eighteen radios or other pieces of equipment. Each leg can handle up to 30 Amps. Total power handling is 75 Amps. Requires automotive type blade ATC fuses (not supplied).

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Amperage (Intermittent) Amperage (Cont.)	Input Voltage (VAC) Output Voltage (VDC) Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
19520 1 EACH	DuraComm Corp. BB3	Block 3 Fuse	N/A N/A	11.75 0.2 0.09	10.00 9.99 9.96
31485 1 EACH	DuraComm Corp. BB6	Block 6 Fuse	N/A N/A	14.10 0.81 0.37	12.00 11.99 11.96
435133 1 EACH	DuraComm Corp. BB9	Block 9 Fuse	N/A N/A	17.60 1.2 0.55	15.00 14.99 14.94
440198 1 EACH	DuraComm Corp. BB12	Block 12 Fuse	N/A N/A	23.45 1.5 0.68	20.00 19.98 19.92
423149 1 EACH	DuraComm Corp. BB15	Block 15 Fuse	N/A N/A	31.65 1.8 0.82	27.00 26.98 26.90

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Amperage (Intermittent) Amperage (Cont.)	Input Voltage (VAC) Output Voltage (VDC) Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
418114 1 EACH	DuraComm Corp. BB18	Block 18 Fuse	N/A N/A	35.15 2.1 0.95	30.00 29.97 29.88

DST Distribution Panel

Distribution panel to control and protect DC system components. Accommodates 10 (DST-10) or 20 (DST-20) plug-in type circuit breakers (not included) which are installed from the front for easy system expansion. Auxiliary contacts on each breaker activate summary alarm contacts providing remote indication of tripped breaker. A special "mid-trip" function distinguishes between an over-current tripped breaker and one that is intentionally shut off. This allows the operator to turn off individual loads withouit setting off the alarm. Wiring is made at easy access, rear panel terminals. 400 amp bus(es) enable simultaneous use of the panel for two different voltages. ORDER PLUG-IN BREAKERS SEPARATELY.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Amperage (Intermittent) Amperage (Cont.)	Input Voltage (VAC) Output Voltage (VDC) Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 467311 1 EACH	NewMar DST-10 2 years	450A Total N/A	12/24/48 N/A	488.00 7.5 3.41	348.92 341.60 336.72
66412 1 EACH	NewMar DST-20A 2 years	900A Total N/A	12/24/48 N/A	599.00 12.8 5.82	428.29 419.30 413.31
66443 1 EACH	NewMar PBA-5	5A Plug-In Breaker	12/24/48 N/A	42.00 0.27 0.12	30.03 29.40 28.98
66471 1 EACH	NewMar PBA-10	10A Plug-In Breaker	12/24/48 N/A	42.00 0.25 0.11	30.03 29.40 28.98
482035 1 EACH	NewMar PBA-15	15A Plug-In Breaker	12/24/48 N/A	42.00 0.25 0.11	30.03 29.40 28.98
440000 1 EACH	NewMar PBA-20	20A Plug-In Breaker	12/24/48 N/A	42.00 0.3 0.14	30.03 29.40 28.98
420098 1 EACH	NewMar PBA-30	30A Plug-In Breaker	12/24/48 N/A	39.10 0.28 0.13	28.00 28.00 28.00
486071 1 EACH	NewMar PBA-40	40A Plug-In Breaker	12/24/48 N/A	42.00 0.25 0.11	30.03 29.40 28.98
66492 1 EACH	NewMar PBA-50	50A Plug-In Breaker	12/24/48 N/A	42.00 0.25 0.11	30.03 29.40 28.98
423076 1 EACH	NewMar PBA-75	75A Plug-In Breaker	12/24/48 N/A	42.00 0.25 0.11	30.03 29.40 28.98
66497 1 EACH	NewMar PBA-100	100A Plug-In Breaker	12/24/48 N/A	42.00 0.25 0.11	30.03 29.40 28.98

Power Distribution Panels w/ Meters

DuraComm Power distribution panels control and protect DC systems. It provides an economical method of distributing power.

- Voltage/ Amperage Meter for Effective System Monitoring
- 2 Rack Units (3 1/2") in Vertical Height
- Access Power from 8 Outputs, 30A Maximum per Output
- 100A Maximum Per Panel
- Uses automotive ATO blade fuses (not supplied)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Amperage (Intermittent) Amperage (Cont.)	Input Voltage (VAC) Output Voltage (VDC) Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
464145 1 EACH	DuraComm Corp. DPM8100 1 year	30A max per position 100A max per panel	12 and 24 volt input 8 position 12/24 volt AC input rack distribution panel. Fuses not included (requires ATO style).	132.45 3 1.36	113.00 112.89 112.55

Rack Mtd Isolated DC Voltage Converters [448-3

If you are buying these, you might need:

Equipment Racks . . . . . page 5
Grounding Systems . . . . . page 5

Rack Mtd Isolated DC Voltage Converters

Communications sites require isolated DC converters provide excellent voltage regulation, low noise and high ciency. The solid state circuitry is conservatively designe semi-conductors are selected to withstand 100% more power than required. Excellent regulation.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input (VDC) Output (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T
35485 1 EACH	NewMar 24-48-8RM 2 years	20-30 50.4-58.0	8	1,200.00 12 5.45	8 8 8
18867 1 EACH	NewMar 24-12-30RM 2 years	20-30 12.6-14.5	30	1,200.00 12 5.45	8 8 8
83825 1 EACH	NewMar 48-24-15RM 2 years	40-60 25.2-29.0	15 amps	1,200.00 12 5.45	8 8 8
13765 1 EACH	NewMar 48-12-30 RM 2 years	40-60 12.6-14.5	30	1,200.00 12 5.45	8 8 8

Isolated Converters

ICT Isolated Series are designed to operate from a neg or positive ground electrical system, providing complete lation between primary and secondary circuits. Includes input filtering and spike detection which are essential fo industrial use. Includes wall mount case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input (VDC) Output (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T
NEW 488100 1 EACH	Innovative Circuit Tech. ICT1224-5AIW 1 Year	11-18 27.6	4	390.85 3.5 1.59	25 27 25
78041 1 EACH	Innovative Circuit Tech. ICT206012AIW 1 Year	20-60 13.8	10	390.85 3.9 1.77	25 27 25

Table Top Power Supplies [080-30]

If you are buying these, you may need:

Digital Multimeters . . . . . page 14

UL Listed Switching Power Supplies

493116

DuraComm DPS switching power supplies are extremely effi with clean DC output and tight regulation (+/- 1%). Uses 50% electricity than linear type power supplies.

- Filtered and regulated
- Lightweight
- Over temperature protection
- Lower operating costs
- Forced air cooling on all models except DPS-15
- Fused output- ATO fuses
- Battery backup capability with optional IQ-3 mo (SKU 466132)
- Rack mountable with optional SL RACK (SKU 56391)
- UL Listed

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Voltage (VAC) Output Voltage (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T
485104 1 EACH	DuraComm Corp. DPS-15 1 Year	96-140 13.8	15 N/A	133.60 4.5 2.05	11 11 11
447114 1 EACH	DuraComm Corp. DPS-30 1 Year	96-140 13.8	30 N/A	173.45 5.5 2.5	14 14 14

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Power Supplies, Table Top

ng product table (2 of 2)

Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Voltage (VAC) Output Voltage (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
2 H	DuraComm Corp. DPS-45 1 Year	96-140 13.8	45 N/A	229.70 5.75 2.61	196.00 195.81 195.22
3 H	DuraComm Corp. DPS-55 1 Year	96-140 13.8	55 N/A	254.30 8 3.64	217.00 216.79 216.14
6 H	DuraComm Corp. DPS-75 1 Year	96-140 13.8	75 N/A	392.55 13 5.91	335.00 334.67 333.66
8 H	DuraComm Corp. DPS-24-125 1 Year	96-140 27.4	12.5 N/A	287.10 5.5 2.5	245.00 244.76 244.02
8 H	DuraComm Corp. DPS-24-250 1 Year	96-140 27.4	25 N/A	351.55 6.96 3.16	300.00 299.70 298.80
1 H	DuraComm Corp. SL RACK 1 Year	Shelf for Supply	4" High Rack Panel	39.85 2 0.91	34.00 33.97 33.87

/230 Volt Switching Supplies

29585

Switching power supplies feature high efficiency switching technology specificially filtered for use with all communication equipment including HF. Features heavy duty design in a low profile lightweight package. Protection includes current limiting, overvoltage and fuse. Switch selectable 90-132 or 180-264VAC @ 50/60 Hz.

Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Voltage (VAC) Output Voltage (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
H	Astron SS-10 1 yr	115/230 13.8	7 10	128.75 3 1.36	65.97 65.17 64.36
1 H	Astron SS-12 1 yr	115/230 13.8	10 12	149.45 3.2 1.45	76.58 75.64 74.71
H	Astron SS-18 1 yr	115/230 13.8	15 18	165.95 2.9 1.32	85.04 84.00 82.96
H	Astron SS-25 1 yr	115/230 13.8	20 25	210.60 5 2.27	107.92 106.60 105.28
1	Astron SS-30 1 yr	115/230 13.8	25 30	230.40 5.3 2.41	118.08 116.64 115.20

Volt Input, 12 VDC Output

SAMLEX power supplies are fully regulated & electronically protected for short circuit, overload, overvoltage and over current. Features include attractive design, rear binding posts, external fuse access and illuminatedon/ off switch. Also available in 220 Volts.*

Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Voltage (VAC) Output Voltage (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1	Samlex America SEC11 1 year	115 13.8	8 11	58.00 8 3.64	42.29 41.45 40.60
1	Samlex America SEC14 1 year	115 13.8	10 14	73.50 12.5 5.68	53.57 52.50 51.43
1	Samlex America SEC20 1 year	115 13.8	15 20	95.85 16.8 7.64	69.86 68.47 67.07
1	Samlex America SEC25 1 year	115 13.8	20 25	125.00 18.4 8.36	91.14 89.32 87.50

115 Volt Input Low Profile

37585

Solid State electronically regulated. Feature fold-back current limiting to protect the power supply from excessive current or shorted output. Chassis mounted fuse. *SLR series is made for Motorola Radius radios.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Voltage (VAC) Output Voltage (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
25649 1 EACH	Astron SL11R BLACK 1 yr	115 13.8	7* 11	90.95 11.7 5.32	65.49 63.67 61.40
37585 1 EACH	Astron SL11A BLACK 1 yr	115 13.8	7 11	106.15 11.75 5.34	70.95 64.85 63.67
90413 1 EACH	Astron SL15R BLK 1 yr	115 13.8	12 15	119.95 15 6.82	86.37 83.97 80.97

115 Volt Input, 12 VDC Output

TRIPPLITE precision-regulated economy DC power supplies efficiently convert 120VAC to 13.8VDC. Crowbar over voltage protection prevents damage to connected equipment (15 amp and larger models). Solid state, integrated circuitry provides excellent regulation of output voltage.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Voltage (VAC) Output Voltage (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
87511 1 EACH	Tripp Lite PR3A 1 Year	115 13.8	2 3	33.50 4.51 2.05	22.95 21.78 20.10
22690 1 EACH	Tripp Lite PR4.5 1 Year	115 13.8	3 4.5	39.00 5.91 2.69	26.72 25.35 23.40
99476 1 EACH	Tripp Lite PR7 1 Year	115 13.8	5 7	55.00 6.9 3.14	37.68 35.75 33.00
62332 1 EACH	Tripp Lite PR10 1 Year	115 13.8	7.5 10	79.00 10.94 4.97	54.12 51.35 47.40
10725 1 EACH	Tripp Lite PR15 1 Year	115 13.8	12 15	118.50 13 5.91	81.18 77.03 71.10
55248 1 EACH	Tripp Lite PR12 1 Year	115 13.8	9.5 12	85.00 12.5 5.68	58.23 55.25 51.00
67937 1 EACH	Tripp Lite PR20 1 Year	115 13.8	16 20	125.00 16.5 7.5	85.63 81.25 75.00
49118 1 EACH	Tripp Lite PR25 1 Year	115 13.8	20 25	165.00 23.03 10.47	113.03 107.25 99.00
16330 1 EACH	Tripp Lite PR30 1 Year	115 13.8	24 30	172.00 24.5 11.14	117.82 111.80 103.20
74297 1 EACH	Tripp Lite PR40 1 Year	115 13.8	32 40	211.00 31.32 14.23	144.54 137.15 126.60
54723 1 EACH	Tripp Lite PR50 1 Year	115 13.8	40 50	262.00 30.4 13.82	179.47 170.30 157.20
61083 1 EACH	Tripp Lite PR60 1 Year	115 13.8	48 60	309.00 39.47 17.94	211.67 200.85 185.40

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115 Volt Input, 28 VDC Output

22427

Solid State electronically regulated. Feature fold-back current limiting to protect the power supply from excessive current or shorted output. Chassis mounted fuse. 28 VDC output.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Voltage (VAC) Output Voltage (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
22427	Astron	115	3	86.30	57.69
1 EACH	LS3A	28	4	10.25	52.73
	1 yr			4.66	51.77
35641	Astron	115	8	149.30	99.81
1 EACH	LS10A	28	10	18.4	91.23
	1 yr			8.36	89.57
86478	Astron	115	12	233.30	155.97
1 EACH	LS18A	28	18	27	142.57
	1 yr			12.27	139.97

115 Volt Input - Trim Line

73774

98953

Tripplite Trim Line power supplies are made to fit under the most popular size radios. The TLC11 model adds a cover and allows you to slide the radio into the space between the top of the supply and underneath the cover. TLC11 fits Motorola Radius, GM300/ GE MVS, MTD, TMX, Monogram, Marc/ Maxon SM4000, EFJ GT-ML81, GT-ML83.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Voltage (VAC) Output Voltage (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
73774	Tripp Lite	115	7	85.00	58.23
1 EACH	TL 11	13.8	11	11	55.25
	1 Year			5	51.00
98953	Tripp Lite	115	7	97.00	66.45
1 EACH	TLC11	13.8	11	13	63.05
	1 Year			5.91	58.20

12 VDC Output/ UL and CSA Listed

42031

28817

SAMLEX UL and CSA listed fully regulated power supplies are built with short circuit and overvoltage protection and are current limited. Features include a illuminated on/off switch & front panel terminal posts. The 14 amp model is fan cooled.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Voltage (VAC) Output Voltage (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
42031	Samlex America	115	3	36.05	26.29
1 EACH	RPS1203UL	13.8	5	8.8	25.77
	1 year			4	25.24
28817	Samlex America	115	10	77.40	56.43
1 EACH	RPS1210UL	13.8	14	17.6	55.31
	1 year			8	54.18

220 Volt Input, 12 VDC Output

Solid State electronically regulated. Feature fold-back current limiting to protect the power supply from excessive current or shorted output. Chassis mounted fuse. 220 VDC input.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Voltage (VAC) Output Voltage (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
83501	Astron	220	7.5	110.35	73.75
1 EACH	RS10A-220	13.8	10	12.87	67.42
	1 yr			5.85	66.19
94345	Astron	220	16	156.55	104.64
1 EACH	RS20A-220	13.8	20	22	95.65
	1 yr			10	93.91

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Voltage (VAC) Output Voltage (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
16182	Astron	220	25	254.05	1
1 EACH	RS35A-220	13.8	35	27	1
	1 yr			12.27	1

Heavy Duty Power Supplies 115/230V

18185

NEWMAR Heavy Duty series designed for powering 12 volt DC equip in hostile enviroments. They offer excellent regulation and low ripple a wide range of input and load conditions. Voltage selection is made b recessed slide switch. Current limiting, automatic thermal shutdown a over voltage protections. Annodized aluminum. Wall mountable.

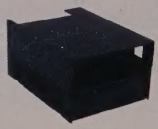
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Voltage (VAC) Output Voltage (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
18185	NewMar	115/230	5	265.00	1
1 EACH	115-12-8	13.6	8	14	1
	2 years			6.36	1
86753	NewMar	115/230	8	549.00	3
1 EACH	115-12-20A	13.6	20	24	3
	2 years			10.91	3
97214	NewMar	115/230	4	559.00	3
1 EACH	115-24-10	24.5	10	20.35	3
	2 years			9.25	3

Switching Supplies-EF Johnson

Switching power supplies feature high efficiency switchi technology specificially filtered for use with all commun tion equipment including HF. Includes radio cover for EF Johnson 9800 Series (40065), GT-ML83 (38951), GT-ML (94086).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Voltage (VAC) Output Voltage (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW	Astron	115/230	7	153.55	7
447159	SS-10-EFJ-98	13.8	10	3.2	7
1 EACH	1 yr			1.45	7
40065	Astron	115/230	10	173.40	8
1 EACH	SS-12-EFJ-98	13.8	12	3.4	8
	1 yr			1.55	8

Switching Supplies-GE/ Maxon



Switching power supplies feature high efficiency switchi technology specificially filtered for use with all commun tion equipment including HF. Includes radio cover for G Monogram or Maxon SM-4000 series.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Voltage (VAC) Output Voltage (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
66628	Astron	115/230	10	173.40	8
1 EACH	SS-12-MG	13.8	12	3.4	8
	1 yr			1.55	8

Switching Supplies-Kenwood

18501

Switching power supplies feature high efficiency switching techno specificially filtered for use with all communication equipment in ing HF. Includes radio cover for Kenwood TK760/762/840/860/94 941 (18501), TK760H/762H (30733).

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Voltage (VAC) Output Voltage (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
18501	Astron	115/230	7	153.55	7
1 EACH	SS-10-TK	13.8	10	4.28	7
	1 yr			1.95	7

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FAX 410-527-0005
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Power Supplies, Table Top

ng product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Voltage (VAC) Output Voltage (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
3 H	Astron SS-12-TK 1 yr	115/230 13.8	10 12	173.40 4.55 2.07	88.85 87.77 86.68
5 H	Astron SS-18-TK 1 year	115/230 13.8	15 18	195.70 4.4 2	100.29 99.07 97.84

ching Supplies- Motorola

53414

Switching power supplies feature high efficiency switching technology specifically filtered for use with all communication equipment including HF. Includes radio cover for Motorola Low Power SM50, SM120, GTX & LCS (15021), Motorola High Power SM50, SM120, GTX & LCS (53414) or (91807).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Voltage (VAC) Output Voltage (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1 H	Astron SS-10-SM/GTX 1 yr	115/230 13.8	7 10	153.55 4.5 2.05	78.68 77.72 76.76
3 H	Astron SS-12-SM/GTX 1 yr	115/230 13.8	10 12	173.40 5.25 2.39	88.85 87.77 86.68
7 H	Astron SS-18-SM/GTX 1 yr	115/230 13.8	15 18	190.75 4.55 2.07	97.75 96.56 95.36

ching Supplies- Motorola CDM

Switching power supplies feature high efficiency switching technology specifically filtered for use with all communication equipment including HF. Includes radio cover for Motorola CDM750, CDM1250, and CDM1550.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Voltage (VAC) Output Voltage (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
7 H	Astron SS-25-CDM 1 yr	115/230 13.8	20 25	233.60 3.4 1.55	119.72 118.26 116.80

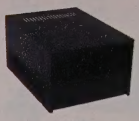
ching Supplies-Radius

45251

Switching power supplies feature high efficiency switching technology specifically filtered for use with all communication equipment including HF. Includes radio cover for Motorola Radius and GM300.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Voltage (VAC) Output Voltage (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1 H	Astron SS-10-RA 1 yr	115/230 13.8	7 10	153.55 4.7 2.14	78.68 77.72 76.76
3 H	Astron SS-12-RA 1 yr	115/230 13.8	10 12	173.40 3.4 1.55	88.85 87.77 86.68
7 H	Astron SS-18-RA 1 yr	115/230 13.8	15 18	190.75 3.4 1.55	97.75 96.56 95.36

Switching Supplies- Uniden

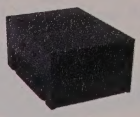


26986

Switching power supplies feature high efficiency switching technology specifically filtered for use with all communication equipment including HF. Includes radio cover for Uniden SMH1525 and SMU4525.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Voltage (VAC) Output Voltage (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
26986 1 EACH	Astron SS-12-SMU 1 yr	115/230 13.8	10 12	173.40 3.4 1.55	88.85 87.77 86.68

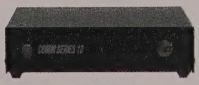
Switching Supplies-Vertex



Switching power supplies feature high efficiency switching technology specifically filtered for use with all communication equipment including HF. Includes radio cover for Vertex FTL-1011, FTL-2011 and FTL-7011.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Voltage (VAC) Output Voltage (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
19547 1 EACH	Astron SS-12-V 1 yr	115/230 13.8	10 12	174.35 3.4 1.55	89.34 88.25 87.16
68982 1 EACH	Astron SS-18-V 1 yr	115/230 13.8	15 18	190.75 3.6 1.64	97.75 96.56 95.36

Switching Power Supply



35240

ICT Comm Series switching power supplies deliver continuous, trouble free operation and incorporate extra filtering, providing a virtually noisefree environment. Features: low profile, MOSfet design, current limiting, fuse protection, output diode for battery backup, terminal block connector. AX= 5.6" wide, AG= 6.4" wide, A=7.1" wide to match your mobile radio. AM series include a LCD meter.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Voltage (VAC) Output Voltage (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
35240 1 EACH	Innovative Circuit Tech. ICT120128AX 1 yr	115 13.8	6.5 8	93.65 3 1.36	70.23 65.55 60.78
85598 1 EACH	Innovative Circuit Tech. ICT1201210A 1 yr	115 13.8	8 10	103.90 3 1.36	77.90 72.71 67.41
33991 1 EACH	Innovative Circuit Tech. ICT1201210AG 1 yr	115 13.8	8 10	103.90 3 1.36	77.90 72.71 67.41
72384 1 EACH	Innovative Circuit Tech. ICT1201210AX 1 yr	115 13.8	8 10	103.90 3 1.36	77.90 72.71 67.41
20777 1 EACH	Innovative Circuit Tech. ICT1201211A 1 yr	115 13.8	8 11	110.85 3 1.36	83.13 77.59 71.94
59170 1 EACH	Innovative Circuit Tech. ICT1201211AG 1 yr	115 13.8	8 11	110.85 3 1.36	83.13 77.59 71.94
45956 1 EACH	Innovative Circuit Tech. ICT1201211AX 1 yr	115 13.8	8 11	110.85 2.59 1.18	83.13 77.59 71.94
32742 1 EACH	Innovative Circuit Tech. ICT1201212A 1 yr	115 13.8	10 12	116.40 3 1.36	87.30 81.48 75.55
71135 1 EACH	Innovative Circuit Tech. ICT1201212AG 1 yr	115 13.8	10 12	116.40 3 1.36	87.30 81.48 75.55

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Voltage (VAC) Output Voltage (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
19528 1 EACH	Innovative Circuit Tech. ICT1201212AX 1 yr	115 13.8	10 12	116.40 2.63 1.2	87.30 81.48 75.55
57921 1 EACH	Innovative Circuit Tech. ICT1201215A 1 yr	115 13.8	13 15	136.80 4 1.82	102.57 95.74 88.76
483114 1 EACH	Innovative Circuit Tech. ICT1201215AX 1 yr	115 13.8	13 15	136.80 3 1.36	102.57 95.74 88.76
44707 1 EACH	Innovative Circuit Tech. ICT1201220A 1 yr	115 13.8	17 20	151.95 4 1.82	113.96 106.36 98.61
476184 1 EACH	Innovative Circuit Tech. ICT1201220AX 1 yr	115 13.8	17 20	151.95 3.65 1.66	113.96 106.36 98.61
18024 1 EACH	Innovative Circuit Tech. ICT1201230AM 1 yr	115 13.8	25 30	248.35 4.06 1.85	186.24 173.83 161.16
31493 1 EACH	Innovative Circuit Tech. ICT1201230A 1 yr	115 13.8	25 30	198.35 3.97 1.8	148.74 138.83 128.71
451169 1 EACH	Innovative Circuit Tech. ICT1201230AX 1 yr	115 13.8	25 30	198.35 3.9 1.77	148.74 138.83 128.71
480023 1 EACH	Innovative Circuit Tech. ICT2401240A 1 yr	90-270 13.8	40 40	443.05 11.3 5.14	332.27 310.12 287.52

115 Volt Input, 12 VDC Output

Solid State electronically regulated. Feature fold-back current limiting to protect the power supply from excessive current or shorted output. Chassis mounted fuse. Gray or black color.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Voltage (VAC) Output Voltage (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
41361 1 EACH	Astron RS3A 1 yr	115 13.8	2.5 3	47.80 4.35 1.98	31.95 29.20 28.67
59366 1 EACH	Astron RS4A BLACK 1 yr	115 13.8	3 4	60.65 5.3 2.41	40.53 37.04 36.37
79754 1 EACH	Astron RS4A 1 yr	115 13.8	3 4	60.65 6.8 3.09	40.53 37.04 36.37
40112 1 EACH	Astron RS5A 1 yr	115 13.8	4 5	67.65 6.75 3.07	45.21 41.32 40.57
13684 1 EACH	Astron RS7A BLACK 1 yr	115 13.8	5 7	68.95 10.17 4.62	49.65 48.27 46.55
65291 1 EACH	Astron RS7A 1 yr	115 13.8	5 7	68.95 10.05 4.57	49.65 48.27 46.55
31894 1 EACH	Astron RS10A BLACK 1 yr	115 13.8	7.5 10	85.95 12.92 5.87	61.89 60.17 58.02
45108 1 EACH	Astron RS10A 1 yr	115 13.8	7.5 10	85.95 12.92 5.87	61.89 60.17 58.02
36010 1 EACH	Astron RS12 BLACK 1 yr	115 13.8	9 12	116.65 15 6.82	77.97 71.27 69.97
43859 1 EACH	Astron RS12A BLACK 1 yr	115 13.8	9 12	99.95 15.6 7.09	71.97 69.97 67.47
95466 1 EACH	Astron RS12A 1 yr	115 13.8	9 12	99.95 14 6.36	71.97 69.97 67.47
94217 1 EACH	Astron RS20A BLACK 1 yr	115 13.8	16 20	121.95 18.25 8.29	87.81 85.37 82.32

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Voltage (VAC) Output Voltage (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
77199 1 EACH	Astron RS35A BLACK 1 yr	115 13.8	25 35	197.95 28.62 13.01	14 13 13
14933 1 EACH	Astron RS50A 1 yr	115 13.8	37 50	285.95 44.22 20.1	20 20 19
13668 1 EACH	Astron RS70A 1 yr	115 13.8	57 70	396.65 60 27.27	26 24 23

Switching Supplies- Kenwood

SAMLEX switching power supplies feature a high efficie switching mode technology specifically filtered for use w communication equipment including HF. Internally selec to 200-260 VAC*. UL approved. 3 year warranty. Include radio cover for Kenwood radios TK760/760H/762/ 76 840/860/940/941.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Voltage (VAC) Output Voltage (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
92360 1 EACH	Samlex America SEC1223-TK1 3 YEAR	115/230* 13.8	23 24	164.40 6.4 2.91	11 11 11

Switch Mode-Low Profile-UL Listed

30918

SAMLEX switching power supply incorporates a advanced design in a compact and lightweight size. Fully regulated w current limiting and short circuit protection. Made to a ra size footprint of 2"H x 7"Wx 8.5"L. Internally adjustable 1 230V*. UL and c(UL) approved. 3 year warranty.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Voltage (VAC) Output Voltage (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
30918 1 EACH	Samlex America SEC1212 3 YEAR	115/230* 13.8	10 12	103.65 3 1.36	75 74 73
71823 1 EACH	Samlex America SEC1223 3 YEAR	115/230* 13.8	23 24	140.90 4 1.82	10 10 9

Switching Supplies- Kenwood

SAMLEX switching power supplies feature a high efficie switching mode technology specifically filtered for use w communication equipment including HF. Internally selec to 200-260 VAC*. UL approved. 3 year warranty. Include radio cover for Kenwood radio TK880.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Voltage (VAC) Output Voltage (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
79146 1 EACH	Samlex America SEC1212-TK2 3 YEAR	115/230* 13.8	10 12	127.15 6 2.73	9 9 8
27539 1 EACH	Samlex America SEC1223-TK2 3 YEAR	115/230* 13.8	23 24	164.40 6.5 2.95	11 11 11

Switching Supplies- M/A Com/Ericsson

413314

SAMLEX switching power supplies feature a high efficiency switching mode technology specifically filtered for use with all communication equipment including HF. Internally selectable to 200-260 VAC*. UL approved. 3 year warranty. Includes radio cover for M/A Com/E son MDX/500M.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Voltage (VAC) Output Voltage (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 413314 1 EACH	Samlex America SEC1212-MDX 3 YEAR	115/230* 13.8	10 12	127.15 6 2.73	9 9 8
NEW 446339 1 EACH	Samlex America SEC1223-MDX 3 YEAR	115/230* 13.8	23 24	164.40 6.5 2.95	11 11 11

NEW = New Listing. Pricing for reference See TESSCO.com for latest pricing and pro

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ching Supplies- M/A Com/Ericsson

34302

SAMLEX switching power supplies feature a high efficiency switching mode technology specifically filtered for use with all communication equipment including HF. Internally selectable to 200-260 VAC*. UL approved. 3 year warranty. Includes radio cover for M/A Com/Ericsson Orion.

Manufacturer Mfg. P/N Warranty	Input Voltage (VAC) Output Voltage (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Samlex America	115/230*	10	127.15	92.71
SEC1212-ORION	13.8	12	6	90.86
3 YEAR			2.73	89.01
Samlex America	115/230*	23	164.40	119.85
SEC1223-ORION	13.8	24	6.5	117.46
3 YEAR			2.95	115.06

ching Supplies- Motorola SM

63434

SAMLEX switching power supplies feature a high efficiency switching mode technology specifically filtered for use with all communication equipment including HF. Internally selectable to 200-260 VAC*. UL approved. 3 year warranty. Includes radio cover for Motorola SM50, SM120, M1225, and GTX..

Manufacturer Mfg. P/N Warranty	Input Voltage (VAC) Output Voltage (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Samlex America	115/230*	10	127.15	92.71
SEC1212-SM	13.8	12	6	90.86
3 YEAR			2.73	89.01

ching Supplies- Motorola CDM

SAMLEX switching power supplies feature a high efficiency switching mode technology specifically filtered for use with all communication equipment including HF. Internally selectable to 200-260 VAC*. UL approved. 3 year warranty. Includes radio cover for Motorola CDM750.

Manufacturer Mfg. P/N Warranty	Input Voltage (VAC) Output Voltage (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Samlex America	115/230*	10-12	127.15	92.71
SEC1212-CDM	13.8	14	5.5	90.86
3 YEAR			2.5	89.01
Samlex America	115/230*	23-24	164.40	119.85
SEC1223-CDM	13.8	25	5.32	117.46
3 YEAR			2.42	115.06

ching Supplies- Tait 2000 II

SAMLEX switching power supplies feature a high efficiency switching mode technology specifically filtered for use with all communication equipment including HF. Internally selectable to 200-260 VAC*. UL approved. 3 year warranty. Includes radio cover for Tait 2000 II.

Manufacturer Mfg. P/N Warranty	Input Voltage (VAC) Output Voltage (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Samlex America	115/230*	10-12	127.15	92.71
SEC1212-TAIT 2000	13.8	14	5.5	90.86
3 YEAR			2.5	89.01
Samlex America	115/230*	23-24	164.40	119.85
SEC1223-TAIT 2000	13.8	25	5.5	117.46
3 YEAR			2.5	115.06

Switching Supplies- Vertex VX

SAMLEX switching power supplies feature a high efficiency switching mode technology specifically filtered for use with all communication equipment including HF. Internally selectable to 200-260 VAC*. UL approved. 3 year warranty. Includes radio cover for Vertex VX-2000 and VX-3000.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Voltage (VAC) Output Voltage (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37006	Samlex America	115/230*	10	127.15	92.71
1 EACH	SEC1212-VX	13.8	12	5.5	90.86
	3 YEAR			2.5	89.01
75399	Samlex America	115/230*	23	164.40	119.85
1 EACH	SEC1223-VX	13.8	25	6.15	117.46
	3 YEAR			2.8	115.06

Switch Mode-Low Profile-UL Approved

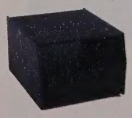
68397

DuraComm low profile power supplies feature state of the art Switch Mode Technology. Low noise, low ripple (less than 15mv @ full load), it is designed for today's demanding communications industry. Highly efficient and produces no heat. LP18 and 25 have low noise fans. Internally selected 110/220 VAC input. Mobile radio size footprint.

- LP-10N and LP-14N include a 2 conductor SAE connector on a 3' DC output cord for use with Motorola iDEN and other mobile radios.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Voltage (VAC) Output Voltage (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
93576	DuraComm Corp.	110/220	7	73.85	63.00
1 EACH	LP-10	13.8	10	3.25	62.94
	1 yr			1.48	62.75
475195	DuraComm Corp.	110/220	7	90.25	77.00
1 EACH	LP-10N	13.8 (SAE Cord)	10	3.25	76.93
	1 yr			1.48	76.70
68397	DuraComm Corp.	110/220	11	89.05	76.00
1 EACH	LP-14	13.8	14	3	75.93
	1 yr			1.36	75.70
475197	DuraComm Corp.	110/220	11	98.45	84.00
1 EACH	LP-14N	13.8 (SAE Cord)	14	3.25	83.92
	1 yr			1.48	83.67
28755	DuraComm Corp.	110/220	15	107.85	92.00
1 EACH	LP-18	13.8	18	3.2	91.91
	1 yr			1.45	91.64
50401	DuraComm Corp.	110/220	22	151.20	129.00
1 EACH	LP-25EX	13.8	25	3.45	128.88
	1 yr			1.57	128.49

Power Supply- EF Johnson



23121

Solid State electronically regulated. Feature fold-back current limiting to protect the power supply from excessive current or shorted output. Chassis mounted fuse. Includes cover for E.F.Johnson 15 watt Viking GT/HT and Summit DM (23121) or 30 and 35 watt (94530).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Voltage (VAC) Output Voltage (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
23121	Astron	115	7	102.95	74.13
1 EACH	SL11R-EFJ	13.8	11	13	72.07
	1 yr			5.91	69.50
94530	Astron	115	12	131.95	95.01
1 EACH	SL15R-EFJ	13.8	15	15	92.37
	1 yr			6.82	89.07

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Power Supplies, Table Top

115 Volt Input, 12 VDC Output

28544

90867

SAMLEX power supplies are fully regulated & electronically protected for short circuit, overload, overvoltage and over current. Features include FRONT binding posts, external fuse access and illuminated on/off switch.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Voltage (VAC) Output Voltage (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
28544	Samlex America	115	3	26.45	19.29
1 EACH	RPS1203	13.8	5	6	18.91
	1 year			2.73	18.52
14081	Samlex America	115	7	51.35	37.43
1 EACH	RPS1207	13.8	10	8.5	36.69
	1 year			3.86	35.94
90867	Samlex America	115	20	125.00	91.14
1 EACH	RPS1220	13.8	25	18.5	89.32
	1 year			8.41	87.50

Power Supply- GE/Maxon

77117

Solid State electronically regulated. Feature fold-back current limiting to protect the power supply from excessive current or shorted output. Chassis mounted fuse.Includes cover for GE MARC (62190), GE TMX, MVS and MTD radios (77117 & 54724), GE Monogram/ Maxon SM4000 (80081).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Voltage (VAC) Output Voltage (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
62190	Astron	115	12	131.95	95.01
1 EACH	SL-15R-MC	13.8	15	13	92.37
	1 yr			5.91	89.07
77117	Astron	115	7	102.95	74.13
1 EACH	SL-11R-GE	13.8	11	13	72.07
	1 yr			5.91	69.50
54724	Astron	115	12	153.95	102.93
1 EACH	SL15RGE	13.8	15	15	94.08
	1 yr			6.82	92.37
80081	Astron	115	7	102.95	74.13
1 EACH	SL11MG	13.8	11	13	72.07
	1 yr			5.91	69.50

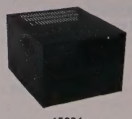
Power Supply- Radius/GM300

46637

Solid State electronically regulated. Feature fold-back current limiting to protect the power supply from excessive current or shorted output. Chassis mounted fuse. Includes cover for Motorola Radius and GM300 radios.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Voltage (VAC) Output Voltage (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
46637	Astron	115	7	102.95	74.13
1 EACH	SL11R-RA	13.8	11	13.1	72.07
	1 yr			5.95	69.50
13905	Astron	115	12	131.95	95.01
1 EACH	SL15R-RA	13.8	15	13.7	92.37
	1 yr			6.23	89.07

Power Supply- Motorola SM/GTX



65836

Solid State electronically regulated. Feature fold-back current limiti protect the power supply from excessive current or shorted outp Chassis mounted fuse. Includes cover for Motorola SM50/SM120/C LCS.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Voltage (VAC) Output Voltage (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)
65836	Astron	115	7	102.95
1 EACH	SL11SM/GTX/ M1225	13.8	11	13.1
	1 yr			5.95
14229	Astron	115	12	131.95
1 EACH	SL15SM/GTX	13.8	15	13.2
	1 yr			6

Power Supply- Motorola CDM

64709

Solid State electronically regulated. Feature fold-back current limitir protect the power supply from excessive current or shorted outpu sis mounted fuse. Includes cover for Motorola CDM750, CDM1250 CDM1550.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Voltage (VAC) Output Voltage (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)
64709	Astron	115	12	136.20
1 EACH	SL15CDM	13.8	15	13.65
	1 yr			6.2

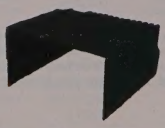
Duracomm Radio Hoods- Maxon

75121

DuraComm hood attaches to the LP series of power supplies a mobile radio into a attractive customized base station. For M SM2000 and GE/Ericsson Monogram series.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Voltage (VAC) Output Voltage (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)
75121	DuraComm Corp.	Radio	Maxon/ GE	16.45
1 EACH	LPH-MAX/GE	Cover	SM2000/ Monogram	2
	1 yr			0.91

DuraComm Radio Hoods- Icom



DuraComm hood attaches to the LP series of power plies. Turns a mobile radio into a attractive customized station. For Icom F320 and F420 series radios.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Voltage (VAC) Output Voltage (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)
494194	DuraComm Corp.	Radio	Icom	21.10
1 EACH	LPH-ICOM	Cover	F320/ F420	2
	1 yr			0.91

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acomm Radio Hoods- Kenwood

88335

DuraComm hood attaches to the LP series of power supplies. Turns a mobile radio into a attractive customized base station. SKU 88335 for Kenwood TK630/730/830/930/931 HD and SKU 36728 for Kenwood TK705/760/762/ 805/840/860/862/940/941.

o. m	Manufacturer Mfg. P/N Warranty	Input Voltage (VAC) Output Voltage (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
5 H	DuraComm Corp. LPH-KEN/L 1 yr	Radio Cover	Kenwood TK630/730	15.25 2 0.91	13.00 12.99 12.95
8 H	DuraComm Corp. LPH-KEN/S 1 yr	Radio Cover	Kenwood TK705/805	17.60 1.02 0.46	15.00 14.99 14.94

acomm Radio Hoods- Moto./Iden

89584

DuraComm hood attaches to the LP series of power supplies. Turns a mobile radio into a attractive customized base station. For Motorola and Iden radios.

o. m	Manufacturer Mfg. P/N Warranty	Input Voltage (VAC) Output Voltage (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1 H	DuraComm Corp. LPH-NEX 1 yr	Radio Cover	Iden Iden	17.60 1 0.45	15.00 14.99 14.94
4 H	DuraComm Corp. LPH-MOT/L 1 yr	Radio Cover	Motorola M120/GM300	15.25 1 0.45	13.00 12.99 12.95
7 H	DuraComm Corp. LPH-MOT/S 1 yr	Radio Cover	Motorola SM50/SM120	17.60 1.72 0.78	15.00 14.99 14.94
1 H	DuraComm Corp. LPH-MOT/CDM 1 yr	Radio Cover	Motorola CDM	37.50 1.72 0.78	32.00 31.97 31.88

Radio Covers-Kenwood

61486

30240

ICT hood attaches to the ICT12012-10/11/12/ 15/20/30 A series of power supplies. Provides a sleek and attractive mobile radio base station. SKU 61486 for ICT12012-10/11/12 AX power supplies for Kenwood TK760/ 762/ 860/ 862/ 840/ 940 radios. SKU 30240 for Kenwood TK630/ 730/ 830 and 10A/11A and 12A supplies, SKU 71384 for Kenwood TK630/ 730/ 830 and 15A/ 20A and 30A supplies, SKU 480002 for Kenwood TK630H/ 730H/ 830H and 15A/ 20A and 30A supplies, SKU 74222 for Kenwood TK780/ 880/ 980/ G series and 10A/ 11A and 12A supplies, SKU 498019 for Kenwood TK780/ 880/ 980/ G series and 15AX/ 20AX and 30 AX supplies.

g product table (1 of 2)

. m	Manufacturer Mfg. P/N Warranty	Input Voltage (VAC) Output Voltage (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
5 H	Innovative Circuit Tech. BASEKEN1 1 yr	For 10AX/ 11AX/ 12AX Power Supplies	Kenwood TK760/ 762/ 860/ 862	18.00 1 0.45	13.47 12.58 11.66
9 H	Innovative Circuit Tech. BASEKEN2 1 yr	For 10A/ 11A/ 12A Power Supplies	Kenwood TK630/ 730/ 830	18.00 1 0.45	13.47 12.58 11.66
2 H	Innovative Circuit Tech. BASEKEN4 1 yr	For 15A/ 20A/ 30A Power Supplies	Kenwood TK630H/ 730H /830H	20.00 2.6 1.18	14.97 13.98 12.96
H	Innovative Circuit Tech. BASEKEN3 1 yr	For 15A/ 20A/ 30A Power Supplies	Kenwood TK630/ 730/ 830	20.00 1 0.45	14.97 13.98 12.96
H	Innovative Circuit Tech. BASEKEN5 1 yr	For 10A/ 11A/ 12A Power Supplies	Kenwood TK780 /880/ 980/ G series	18.00 1 0.45	13.47 12.58 11.66

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Voltage (VAC) Output Voltage (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
490189 1 EACH	Innovative Circuit Tech. BASEKEN6 1 yr	For 15AX/ 20AX/ 30AX Power Supplies	Kenwood TK780 /880/ 980/ G series	20.00 0.01 0	14.97 13.98 12.96

ICT Radio Covers-Motorola

ICT hood attaches to the ICT12012-10/11/12/15/20/30 A series of power supplies. Provides a sleek and attractive mobile radio base station. SKU 68633 for Motorola M100, M120 and GM300. SKU 17026 for Motorola SM50, SM120. SKU 42205 for Motorola GTX and SKU 94391 for Motorola CDM1250/ 1550, SKU 481135 for Motorola CDM1250/ 1550 with 15A/ 20A/ 30A supplies, SKU 480147 for Motorola CDM750.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Voltage (VAC) Output Voltage (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
68633 1 EACH	Innovative Circuit Tech. BASEMOT1 1 yr	For 10A/ 11A/ 12A Power Supplies	Motorola M100/ M120/ GM300	18.00 1.25 0.57	13.47 12.58 11.66
17026 1 EACH	Innovative Circuit Tech. BASEMOT2 1 yr	For 10A/ 11A/ 12A Power Supplies	Motorola SM50/ SM120/ M1225	18.00 1 0.45	13.47 12.58 11.66
42205 1 EACH	Innovative Circuit Tech. BASEMOT4 1 yr	For 10A/ 11A/ 12A Power Supplies	Motorola GTX	18.00 1 0.45	13.47 12.58 11.66
94391 1 EACH	Innovative Circuit Tech. BASEMOT7 1 yr	For 10A/ 11A/ 12A Power Supplies	Motorola CDM 1250/ 1550	18.00 1.86 0.85	13.47 12.58 11.66
481135 1 EACH	Innovative Circuit Tech. BASEMOT8 1 yr	For 15A/ 20A/ 30A Power Supplies	Motorola CDM 1250/ 1550	20.00 2.47 1.12	14.97 13.98 12.96
480147 1 EACH	Innovative Circuit Tech. BASEMOT9 1 yr	For 10A/ 11A/ 12A Power Supplies	Motorola CDM 750	18.00 12.33 5.6	13.47 12.58 11.66

Table Top Models with Speakers [080-40]

115 Volt Input Slim with Speaker

Solid State electronically regulated. Feature fold-back current limiting to protect the power supply from excessive current or shorted output. Chassis mounted fuse. Less than 5 mv ripple peak to peak (full load and low line). Bottom mounted speaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Amperage (Cont.) Amperage (Intermittent)	Input Voltage (VAC) Output Voltage (VDC)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
25620 1 EACH	Astron SLI 15 BLACK 1 yr	7 11	115 13.8	118.95 12 5.45	79.53 72.69 71.37

115 Volt Input with Speaker

Solid State electronically regulated. Feature fold-back current limiting to protect the power supply from excessive current or shorted output. Chassis mounted fuse. Less than 5 mv ripple peak to peak (full load and low line). Front mounted speaker.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Amperage (Cont.) Amperage (Intermittent)	Input Voltage (VAC) Output Voltage (VDC)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
38863 1 EACH	Astron RS7S BLACK 1 yr	5 7	115 13.8	103.80 11.01 5	69.39 63.43 62.27
70287 1 EACH	Astron RS10S 1 yr	7.5 10	115 13.8	118.95 12 5.45	79.53 72.69 71.37

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Power Supplies, Table Top

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Amperage (Cont.) Amperage (Intermittent)	Input Voltage (VAC) Output Voltage (VDC)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30645	Astron	9	115	131.80	88.11
1 EACH	RS12S	12	13.8	15.91	80.54
	1 yr			7.23	79.07
69038	Astron	9	115	131.80	88.11
1 EACH	RS12S BLACK	12	13.8	15.94	80.54
	1 yr			7.24	79.07
66926	Astron	16	115	162.15	108.39
1 EACH	RS20S BLACK	20	13.8	20.8	99.08
	1 yr			9.45	97.27
81003	Astron	16	115	162.15	108.39
1 EACH	RS20S	20	13.8	20.71	99.08
	1 yr			9.41	97.27

Power Supply w/Cigarette Lighter Rec. [080-50]

If you are buying these, you may need:

Workbenches, Complete w/ Accessories . . . . . .page 1648

Astron Power Supply with Socket

31973

Solid State regulated power supply. Features current limiting and low ripple voltage. Built in cigarette lighter receptacle for 12V accessory items.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Amperage (Cont.) Amperage (Intermittent)	Input Voltage (VAC) Output Voltage (VDC)	Ripple Voltage	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
31973	Astron	2.5	115	5 mv	42.95	30.93
1 EACH	RS3L	3	13.8		4.34	30.07
	1 yr				1.97	29.00
66540	Astron	3	115	5 mv	57.95	41.73
1 EACH	RS4L	4	13.8		5.9	40.57
	1 yr				2.68	39.12
26898	Astron	4	115	5 mv	63.95	46.05
1 EACH	RS5L	5	13.8		7	44.77
	1 yr				3.18	43.17

Switching Power Supply with Socket

ICT Comm Series switching power supplies deliver continuous, trouble free operation and incorporate extra filtering, providing a virtually noise-free environment. Features: lightweight, low profile, high efficiency MOSfet design, current limiting, fuse protection, output diode for battery backup and terminal block connector. 5"L x 3.72"W x 1.68"H.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Amperage (Cont.) Amperage (Intermittent)	Input Voltage (VAC) Output Voltage (VDC)	Ripple Voltage	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
23275	Innovative Circuit	3	115	20 mV	41.70	31.28
1 EACH	Tech.	4	13.8		2	29.19
	ICT120124A				0.91	27.07
	1 yr					
61668	Innovative Circuit	4.5	115	20 mV	57.80	43.35
1 EACH	Tech.	6	13.8		1.53	40.46
	ICT120126A				0.7	37.52
	1 yr					

Economy Power Supply

18719

Economy regulated power supplies with cigarette lighter so and binding posts. Short circuit protected with replaceable Ideal for cellular phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Amperage (Cont.) Amperage (Intermittent)	Input Voltage (VAC) Output Voltage (VDC)	Ripple Voltage	List ($) Wt. (lbs) Wgt. (kg.)
18719	Samlex America	4	115	10 mV	28.85
1 EACH	RPS1204CP/BT	6	13.8		5.48
	1 year				2.49

Samlex Power Supply with Socket

82455

SAMLEX power supplies are fully regulated & electronically tected for short circuit, overload, overvoltage and over curr Features include attractive design, rear binding posts, extern access and illuminated on/ off switch.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Amperage (Cont.) Amperage (Intermittent)	Input Voltage (VAC) Output Voltage (VDC)	Ripple Voltage	List ($) Wt. (lbs) Wgt. (kg.)
82455	Samlex America	4	115	10 mV	31.15
1 EACH	SEC6	6	13.8		5.65
	1 year				2.57

Switching Power Supply

29647

SAMLEX multipurpose switching power supply provides regulated DC power. Has a cigarette lighter socket outp the front panel and wire terminals on the rear. Features reliability, a built-in EMI filter, low ripple noise, high effici with low working temperaure and is burn-in tested. Prot includes short circuit, overload and over voltage. UL app

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Amperage (Cont.) Amperage (Intermittent)	Input Voltage (VAC) Output Voltage (VDC)	Ripple Voltage	List ($) Wt. (lbs) Wgt. (kg.)
29647	Samlex America	3	115	10 mV	37.05
1 EACH	SPS1204UL	3.5	13.2		1.6
	1 year				0.73
17596	Samlex America	5	115	10 mV	46.85
1 EACH	SPS1206	5.5	13.2		2
	1 year				0.91

220 VAC Switching Power Supply

43315

SAMLEX 220 VAC multipurpose switching power supply vides highly-regulated DC power. Has a cigarette lighter output on the front panel and wire terminals on the rea tures high reliability, a built-in EMI filter, low ripple noise efficiency with low working temperaure and is burn-in t Protection includes short circuit, overload and over volt approved.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Amperage (Cont.) Amperage (Intermittent)	Input Voltage (VAC) Output Voltage (VDC)	Ripple Voltage	List ($) Wt. (lbs) Wgt. (kg.)
NEW	Samlex America	3.0	220	N/A	37.05
43315	SPS1204-220	3.5	13.2		1.6
1 EACH	1 year				0.73

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Table Top Models with Meters [080-60]

gle Meter Power Supplies

82252

Solid State regulated power supply. Features current limiting and crowbar over voltage protection. Single switchable volt and amp meter.

o. m	Manufacturer Mfg. P/N Warranty	Amperage (Intermittent) Amperage (Cont.)	Input Voltage (VAC) Output Voltage (VDC)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
2 H	Astron RS12M 1 yr	12 9	115 13.8	124.80 15.51 7.05	83.43 76.26 74.87

al Meter Power Supplies

42610

Solid State regulated power supply. Features current limiting and crowbar over voltage protection. Separate voltage and amperage meters.

o. m	Manufacturer Mfg. P/N Warranty	Amperage (Intermittent) Amperage (Cont.)	Input Voltage (VAC) Output Voltage (VDC)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
0 H	Astron RS20M 1 yr	20 16	115 13.8	169.15 17 7.73	113.07 103.35 101.47
5 H	Astron RS35M 1 yr	35 25	115 13.8	260.15 24 10.91	173.91 158.97 156.07
9 H	Astron LS35M 1 yr	35 28	115 28	435.15 50 22.72	290.91 265.92 261.07
9 H	Astron RS50M 1 yr	50 37	115 13.8	367.45 49.16 22.34	245.67 224.56 220.47

tching Power Supplies with Meters

99284

Astron switching power supplies feature high efficiency switching technology specifically filtered for use with all communication equipment including HF. Features heavy duty design in a low profile lightweight package. Protection includes current limiting, overvoltage and fuse. Switchselectable 115/230 VAC input. Includes separate voltage and amp meters.

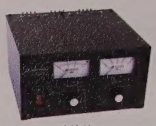
o. m	Manufacturer Mfg. P/N Warranty	Amperage (Intermittent) Amperage (Cont.)	Input Voltage (VAC) Output Voltage (VDC)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1 H	Astron SS-25M 1 yr	25 20	115/230 13.8	255.20 5 2.27	130.79 129.20 127.60
1 H	Astron SS-30M 1 yr	30 25	115/230 13.8	275.05 5.55 2.52	140.96 139.24 137.52

Variable Voltage and Amperage models [080-70]

If you are buying these, you may need:

Workbench Accessories . . . . . page 1650

Variable Output Power Supplies



64042

Solid State precision regulated power supply. Features current limiting, short circuit protection, rugged construction, high quality tuning controls, all metal heavy gauge casing in a attractive rack mount/ table top design. The VS20ML includes a cigarette lighter socket.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Amperage (Cont.) Amperage (Intermittent)	Input Voltage (VAC) Output Voltage (VDC)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
95827 1 EACH	Samlex America PSA30S 1 yr	0-5 7	115 0-30 Adj.	146.95 18 8.18	107.14 105.00 102.86
64042 1 EACH	Astron VLS10M 1 yr	1.5-8 Adj. 10	115 5-32 Adj.	211.15 18.45 8.39	141.15 129.02 126.67
37614 1 EACH	Astron VS12M 1 yr	1.5-9 Adj. 12	115 2-15 Adj.	138.95 14.3 6.5	100.05 97.27 93.80
24400 1 EACH	Astron VS20M-220 1 yr	1.5-16 Adj. 20	220 2-15 Adj.	219.40 24.16 10.98	146.68 134.08 131.64
76007 1 EACH	Astron VS20ML 1 yr	1.5-16 Adj. 20	115 2-15 Adj.	170.95 20.44 9.29	123.09 119.67 115.40
12435 1 EACH	Astron VLS25M 1 yr	1.5-18 Adj. 25	115 5-32 Adj.	407.15 46 20.91	272.19 248.81 244.27
62793 1 EACH	Astron VS35M 1 yr	1.5-25 Adj. 35	115 2-15 Adj.	238.95 25.8 11.73	172.05 167.27 161.30
11186 1 EACH	Astron VS50M 1 yr	1.5-37 Adj. 50	115 2-15 Adj.	330.95 45.91 20.87	238.29 231.67 223.40
70202 1 EACH	Astron VS70M 1 yr	1.5-57 Adj. 70	115 2-15 Adj.	391.95 65 29.54	282.21 274.37 264.57

Precision Variable Power Supply

60882

64108

Light, compact, high-performance bench-top variable power supply. Constant voltage and constant current operation, series or parallel operation, remote control and external programming. 0.01% regulation. Low ripple and noise. Overload and reverse polarity protection. Separate 2.5" current and amp analog meters (SKU 60882). 3 1/2 digits. 0.5" LED display (SKU 61408).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Amperage (Cont.) Amperage (Intermittent)	Input Voltage (VAC) Output Voltage (VDC)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
60882 1 EACH	Instek America GPS-1850 2 yr	0-5 adj. 5	100-240 0-18VDC adj.	230.00 28 12.73	230.00 227.70 225.40
64108 1 EACH	Instek America GPS-1850D 2 yr	0-5 adj. 5	100-240 0-18VDC adj.	240.00 28 12.73	240.00 237.60 235.20
NEW **452145** 1 EACH	Instek America GPC-3030D 2 yr	0-3 adj. 3	100-240 0-30VDC adj.V fixed @ 3amps	520.00 28 12.73	520.00 514.80 509.60

Site Power and Electrical Systems

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Precision Variable Power Supply

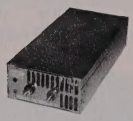
46008

Precision power supply has a unique feature to preset the voltage and current without actually loading the unit. Features include: Continuously variable voltage and current with coarse and fine controls, front panel binding posts, automatic overload and short circuit protection, high stability and digital meters. NOT FOR USE IN HIGH RF ENVIRONMENTS.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Amperage (Cont.) Amperage (Intermittent)	Input Voltage (VAC) Output Voltage (VDC)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
46008 1 EACH	Astron PPS-4A 1 yr	0-4A maximum N/A	115 0-16VDC	274.15 18.6 8.45	183.27 167.52 164.47

Industrial/OEM Power Supplies [080-80]

DuraComm Power Block Modules



DuraComm Power Block Modules with power factor correction save 25% of electrical energy costs compared to non-corrected switch mode power supplies and 50% over linear supplies. Reduces wear of components for longer power supply life.

- Power factor correction of 0.98
- Built in in-rush current limiting
- Remote control/ remote sense
- Short circuit / over load / over temperature protection
- Approvals: UL, CUL, CE, and TUV

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Amperage (Intermittent) Amperage (Cont.)	Input Voltage (VAC) Output Voltage (VDC)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
491185 1 EACH	DuraComm Corp. PFC-500/13.8 1 year	N/A 40	90-264 12-15	266.00 5 2.27	227.00 226.78 226.10
422144 1 EACH	DuraComm Corp. PFC-500/24 1 year	N/A 20	90-264 24-29	277.75 5 2.27	237.00 236.77 236.06
496165 1 EACH	DuraComm Corp. PFC-500/48 1 year	N/A 10	90-264 48-56	277.75 5 2.27	237.00 236.77 236.06

DuraComm Low Power Modules

DuraComm single output Power Block Modules for low power applications

- Switch selectable 110/ 220VAC input
- Built-in EMI filter
- Short circuit / over load / over temperature protection
- Approvals: UL, CUL, CE, and TUV

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Amperage (Intermittent) Amperage (Cont.)	Input Voltage (VAC) Output Voltage (VDC)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
422141 1 EACH	DuraComm Corp. P1212 1 year	N/A 12.5	90-264 12-15	53.90 3 1.36	46.00 45.96 45.82
457134 1 EACH	DuraComm Corp. P624 1 year	N/A 6.5	90-264 24-29	53.90 3 1.36	46.00 45.96 45.82
434159 1 EACH	DuraComm Corp. P348 1 year	N/A 3.2	90-264 48-56	53.90 3 1.36	46.00 45.96 45.82

Samlex Industrial Power Supplies

474048

498033

SAMLEX Industrial single outp enclosed power supplies offer cost and high reliability.

- High Efficiency, low working temperature
- Built-in EMI filter, low ripple noise
- Compact size, light weight
- 100% full load burn-in test
- Short circuit, overload, over voltage protected
- International AC input selectable
- Approvals: UL, CE, TUV.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Amperage (Intermittent) Amperage (Cont.)	Input Voltage (VAC) Output Voltage (VDC)	List ($) Wt. (lbs) Wgt. (kg.)	T
474048 1 EACH	Samlex America S-25-5 2 Years	5 5	85-264 5	40.95 0.8 0.36	7 2 7
446051 1 EACH	Samlex America S-100F-7.5 2 Years	13.5 13.5	85-132/176-264 (switchable) 7.5	78.20 1.4 0.64	5 1 4
450048 1 EACH	Samlex America S-25-12 2 Years	2.1 2.1	85-264 12	40.95 0.8 0.36	7 2 7
498033 1 EACH	Samlex America S-60-12 2 Years	5 5	85-264 12	52.75 1.15 0.52	3 3 3
453086 1 EACH	Samlex America S-100F-12 2 Years	8.5 8.5	85-132/ 176-264 (switchable) 12	70.35 1.4 0.64	5 1 4
436042 1 EACH	Samlex America S-150-12 2 Years	12.5 12.5	85-132/ 176-264 (switchable) 12	69.55 1.78 0.81	5 4 4
NEW 446158 1 EACH	Samlex America S-320-12 2 Years	25 25	88-264 12	134.25 2.5 1.14	9 9 9
NEW 495122 1 EACH	Samlex America PS-280-13.5 2 Years	20 20	90-264 13.5	146.55 3.1 1.41	1 1 1
NEW 435185 1 EACH	Samlex America SP-500-13.5 2 Years	36 36	88-264 13.5	318.20 4 1.82	2 2 2
435071 1 EACH	Samlex America S-25-24 2 Years	1.1 1.1	85-264 24	40.95 0.8 0.36	7 2 7
NEW 434170 1 EACH	Samlex America S-60-24 2 Years	2.5 2.5	85-264 24	50.90 1.2 0.55	3 3 3
471026 1 EACH	Samlex America S-100F-24 2 Years	4.5 4.5	85-132/ 176-264 (switchable) 24	70.35 1.4 0.64	5 1 4
425068 1 EACH	Samlex America S-150-24 2 Years	6.5 6.5	85-132/ 176-264 (switchable) 24	69.55 1.7 0.77	5 4 4
NEW 418194 1 EACH	Samlex America S-240-24 2 Years	10 10	85-132/ 176-264 (switchable) 24	169.90 2.4 1.09	1 1 1
NEW 438126 1 EACH	Samlex America S-320-24 2 Years	12.5 12.5	88-264 24	156.55 2.5 1.14	1 1 1
NEW 417162 1 EACH	Samlex America S-150-48 2 Years	3.2 3.2	85-132/ 176-264 (switchable) 48	86.15 1.7 0.77	6 1 6
NEW 461131 1 EACH	Samlex America S-240-48 2 Years	5 5	88-132/ 176-264 (switchable) 48	169.90 9.9 4.5	1 1 1
NEW 443171 1 EACH	Samlex America SCN-600-48 2 Years	12 12	100-260 48	546.65 5.1 2.32	3 3 3
NEW 417136 1 EACH	Samlex America SCN-1K5-48 2 Years	32 32	200-260 48	1,110.05 9.9 4.5	8 7 7

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DC Battery Backup Systems [442-10]

f you are buying these, you might need:

C Power Protection ..... page 555
verters ..... page 617
atteries for Communication Sites ..... page 618
ack Mtd Isolated DC Voltage Converters ..... page 596
rounding Systems ..... page 560

ery Shelf & Module System

417177

Installing telecom DC power back-up batteries or increasing system capacity has never been easier. The BM Series Battery Module with BMS Shelf provides the complete solution in one plug-and-play reserve power system that features:

- modules that slide into shelf and plug into ver system
- file 2U (3.5") design
- aintenance-free batteries that are IATA T certified for shipment by air
- olarized connector assemblies
- Can be paralleled for increased reserve capacity
- 19"/23" rack mounting brackets provided
- Battery on-line/off-line switch breaker to control output and prevent overload

Manufacturer Mfg. P/N Warranty	Amperage (Cont.) Amperage (Intermittent)	Input Voltage (VAC) Output Voltage (VDC)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NewMar BM-48-4 2 years	4 Ah N/A	N/A 48	340.00 20 9.09	243.10 238.00 234.60
NewMar BM-24-8 2 years	8 Ah N/A	N/A 24	340.00 20 9.09	243.10 238.00 234.60
NewMar BM-12-16 2 years	16 Ah N/A	N/A 12	340.00 20 9.09	243.10 238.00 234.60
NewMar BMS-19/23 2 years	Battery Shelf	Accommodates 1 or 2 battery modules	175.00 5 2.27	125.13 122.50 120.75

Top DC Backup W/O Batteries

33965

Astron backups provide the functions of a power supply plus adds battery revert with a trickle charging circuit. With your batteries, the system keeps the system running even during an AC power failure. Batteries not included (see section 050/31).

Manufacturer Mfg. P/N Warranty	Amperage (Cont.) Amperage (Intermittent)	Input Voltage (VAC) Output Voltage (VDC)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Astron RS10ABB 1 yr	7.5 amp 10 amp	105-125 13.8 VDC	120.15 12.05 5.48	80.31 73.41 72.07
Astron RS12A-BB	9 Amp 12 Amp	105-125 VAC 13.8 VDC	136.45 5 2.27	91.23 83.39 81.87
Astron RS12A-BB-220 1 Year	9 12	220 13.8	150.10 14.2 6.45	100.35 91.73 90.06
Astron RS20A-BB	16 amp 20 amp	105-125 13.8 VDC	165.65 18.4 8.36	110.73 101.21 99.37
Astron RS20A-220-BB	16 Amp 20 Amp	220 VAC 13.8 VDC	182.20 20.55 9.34	121.80 111.34 109.31

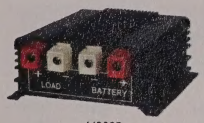
LP Battery Backup W/Charge Option

71813

Battery Back Up Modules combine with the LP series power supplies to provide solid state battery back up. Dual Shottky diodes provide protective isolation and seamless transfer of the load to the battery when the AC mains go down

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Amperage (Cont.) Amperage (Intermittent)	Input Voltage (VAC) Output Voltage (VDC)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 71813 1 EACH	DuraComm Corp. LPBC	15A current capacity	Backup w/ charge option for LP-10,14, and 18	62.10 1 0.45	53.00 52.95 52.79
NEW 495032 1 EACH	DuraComm Corp. LPBC-25	20A current capacity	Backup w/ charge option for LP-25	75.00 3.5 1.59	64.00 63.94 63.75

Samlex Battery Back Up Module

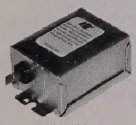


443005

Samlex Battery Backup Module for desktop and rackmount linear or switching power supplies from any manufacturer. Will charge and float maintain a deep cycle 100 amp/hr battery. User must allow up to 8 amps of power from the supply for charging. Module attaches to the output terminals of the power supply via user-supplied cabling. It includes terminals for load and battery. Is not compatible with 48VDC supplies.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Amperage (Cont.) Amperage (Intermittent)	Input Voltage (VAC) Output Voltage (VDC)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
443005 1 EACH	Samlex America BBM-12100	Backup Battery	W/Charge Feature	78.40 2.55 1.16	57.14 56.00 54.86

DPS Back-UP w/Charge Option



466132

DuraComm Battery Backup WITH Charging option for 13.8V DPS power supplies. Provides automatic battery back-up during power failures and a 3-stage smart re-charge when power is restored. NOTE: This requires downward adjustment of the output to 13.2VDC or the battery will be overcharged.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Amperage (Cont.) Amperage (Intermittent)	Input Voltage (VAC) Output Voltage (VDC)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
466132 1 EACH	DuraComm Corp. IQ3 1 Year	Battery Backup	W/Charge Option	44.55 0.13 0.06	38.00 37.97 37.85
NEW 417365 1 EACH	DuraComm Corp. IQ3-DPS75 1 Year	Battery Backup	W/Charge Option DPS75 only	44.55 0.13 0.06	38.00 37.97 37.85

Inrush Current Limiter

45948

DuraComm Inrush Current Limiter protects against premature breaker trip due to initial power-on surge. Eliminates trips to remote sites to reset breakers after the power is restored. Millisecond resistance delay protects breaker from the in-rush current surge of high capacity power supplies. IRCL plugs into 120VAC outlet, power supply plugs into IRCL.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Amperage (Cont.) Amperage (Intermittent)	Input Voltage (VAC) Output Voltage (VDC)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
45948 1 EACH	DuraComm Corp. IRCL 1 Year	Inrush Current	Limiter Option	70.30 1.78 0.81	60.00 59.94 59.76

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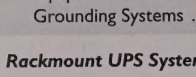
Rack Mounted AC Battery Backup Systems [442-15]

If you are buying these, you might need:

Surge Protection, Battery Backups, UPS ..... page 642
Rack Mount AC Protection ..... page 554
Equipment Racks ..... page 537
Grounding Systems ..... page 560

Rackmount UPS System



Tripplite SmartPro adapts to fit (1U) rackmount, wallmount, under-monitor and tower applications with the included brackets. Features automatic voltage regulation, brownout and blackout protection and LED status level indicators. Includes bundled software and cables for all common network and standalone operating systems. Operating climate: 40-95F at 95% humidity.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Capacity (watts) No. of AC Outlets	Backup time @ 1/2 load Backup time @ full load	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
33939 1 EACH	Tripp Lite SMART450RT 2 years	270 4	14 min. 4 min.	239.00 18.4 8.36	192.18 192.18 192.18
NEW 474358 1 EACH	Tripp Lite SMART700RM1U 2 years	450 6	18 min. 7 min.	459.00 23 10.45	353.43 346.55 339.66
NEW 499350 1 EACH	Tripp Lite SMART1000RM1U 2 years	700 6	13 min. 5 min.	599.00 25 11.36	461.23 452.25 443.26

Tripp Lite SMARTPRO Rackmount UPS

Tripp Lite's SMARTPRO 19" rackmount intelligent line interactive UPS permits interactive control for network servers and telecom systems. Microprocessor controlled unit provides a standard ASCII data stream at a RS232 port, allowing detailed monitoring and control of every UPS function. Features and benefits include Automatic Voltage Regulation, surge suppression and reliable battery backup with 17 front panel LED's showing performance conditions. PowerAlert Software allows enterprise-wide UPS management in a convenient graphical "icon-tree" format compatible with all major operating systems. 2200RM and 3000RM allow you to add external batteries to expand the backup time. 3000RM includes a L5-30P AC input wall plug.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Capacity (watts) No. of AC Outlets	Backup time @ 1/2 load Backup time @ full load	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
447164 1 EACH	Tripp Lite SMART700RM 2 Year	450 8	28 min. 12 min.	459.00 35 15.91	353.43 346.55 339.66
85321 1 EACH	Tripp Lite SMART1050RM 2 Year	680 8	23 min. 8 min.	599.00 45 20.45	461.23 452.25 443.26
38753 1 EACH	Tripp Lite SMART1400RM 2 years	940 8	25 min. 10 min.	799.00 43.2 19.63	615.23 603.25 591.26
44382 1 EACH	Tripp Lite SMART2200RMXL 2 years	2200 6+2 (5-20R)	27+ (expandable) 11+ (expandable)	1,349.00 104 47.27	1,038.73 1,018.50 998.26
35486 1 EACH	Tripp Lite SMART3000RM 2 years	3000 4+4 (5-20R)	23+ (expandable) 7+ (expandable)	1,485.00 99 45	1,143.45 1,121.18 1,098.90
17140 1 EACH	Tripp Lite BP24V33	N/A N/A	Additional battery pack for SMART1250XLNET/ 2200NET/ 2200XLNET/ 3000NET/ 2200RM/ 2200RMXL/ 3000RM. Requires a shelf to rackmount.	349.00 50 22.72	245.01 245.01 245.01
59423 1 EACH	Tripp Lite BPRM	N/A N/A	5U rackmount shelf for BP24V33 battery pack	129.00 7.3 3.32	88.37 83.85 77.40

Tripp Lite SMARTPRO 2U Rackmount UPS

In many network environments, rack space is at a pre
Tripp Lite's slim SmartPro 2U UPS Systems provide in
gent, line-interactive battery backup with extended ru
bility for networks and servers while using only 2U of
rackspace. The battery backups allow you to work thr
short blackouts or safely shut down during longer ones. SmartPro 2U UPS Systems offer

- Innovative design adaptable for rackmount, wall, under-counter and tower applications
- Rackmount fits standard 19" rack (2 rack spaces)
- 3.5"H x 17.5"W x 15.5"D
- 8 protected outlets; 10 ft. cord
- DB9 serial and USB ports for network interface
- Emergency Power Off port for remote shutdown
- Accessory slot for use with optional SNMP card, network management, and connectivity products
- Voltage regulation delivers power during brow and overvoltages without depleting battery
- Complete surge protection and EMI/RFI nois ing
- Diagnostic LEDs indicate 17 performance co tions
- Battery replacement via removable front pan
- PowerAlert unattended shutdown software a cabling included
- Optional external battery packs for extended ime
- For fax/modem surge protection purchase D (sku 10443)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Capacity (watts) No. of AC Outlets	Backup time @ 1/2 load Backup time @ full load	List ($) Wt. (lbs) Wgt. (kg.)
NEW 491321 1 EACH	Tripp Lite SMART1500RMXL2U 2 years	940 8	30 min. 12 min.	929.00 62.2 28.27
416094 1 EACH	Tripp Lite SMART2200RM2U 2 years	1600 6+2 (5-20R)	20 min. 8 min.	1,300.00 60 27.27
493050 1 EACH	Tripp Lite SMART3000RM2U 2 years	2250 4+4 (5-20R) +1 (L5-30)	13 min. 4 min.	1,410.00 60 27.27
NEW 465128 1 EACH	Tripp Lite 2USTAND 2 years	N/A N/A	Kit including two base stands for SMART1400RM2U, 1400RMXL2U, 2200RM2U, 3000RM2U	39.00 1 0.45
NEW 421152 1 EACH	Tripp Lite SNMPWEBCARD 2 years	N/A N/A	Compatible with SMART1400RM2U, SMART2200RM2U and SMART3000RM2U	279.00 0.2 0.09

Backups Without Batteries

45582

TrippLite APS units automatically sense and switch AC output be
outside power (utility or generator) and battery power when no
available. Ideal for use as mobile power systems or stationary UP
gency power supplies. Advanced 3-stage chargers provide fast ba
recharge. LEDs monitor battery and load condition. APS models
alternative to gas generators - inexpensive without fumes, fuel, o
Protection against over-charge and over-discharge ensures long
from batteries. High-effeciency output is frequency-controlled to
sensitive loads. Backup time is increased with the number of batt
used. Batteries are sold separately in section (050/31) .

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Capacity (watts) No. of AC Outlets	Backup time @ 1/2 load Backup time @ full load	List ($) Wt. (lbs) Wgt. (kg.)
36330 1 EACH	Tripp Lite APS512 1 year	12 VDC input, 500W 2	Depends on batteries	414.00 16.85 7.66
NEW 415155 1 EACH	Tripp Lite APS1012 1 year	12 VDC input, 1000W 2	Depends on batteries	616.00 32 14.54
410035 1 EACH	Tripp Lite APS1024 2 years	24V input, 1000W 2	Depends on batteries	550.00 26.4 12
45582 1 EACH	Tripp Lite APS2012 1 year	12 VDC input, 2000W Hardwire	Depends on batteries	904.00 42 19.09
499029 1 EACH	Tripp Lite APS2424 2 years	24V input, 2400W Hardwire	Depends on batteries	1,155.00 45.3 20.59
473099 1 EACH	Tripp Lite APS3636VR 2 years	36V input, 3600W Hardwire	Depends on batteries	1,272.00 57 25.91
443030 1 EACH	Tripp Lite APS2448 2 years	48 VDC input, 2400W Hardwire	Depends on batteries	1,048.00 45 20.45
NEW 413011 1 EACH	Tripp Lite APSRM 2 years	Remote for APS1012, 1024, 2012, and 2424; PV200FC; and PV400FC	Features 6 diagnostic LED's, power switch and 50' cord	84.80 3 1.36

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Hybrid AC/DC Battery Backup Systems [442-25]

If you are buying these, you might need:

Batteries for Communication Sites . . . . . page 618
Grounding Systems . . . . . page 560

egade

The Renegade Series protects Integrated Access Devices and other customer premise communications equipment from damaging line noise, surges, spikes and brownouts. This advanced technology solution was designed from th e ground up to integrate AC and -48V DC backup into one package, virtually eliminating unnecessary equipment such as stand alone rectifiers and small AC UPS's for routers, hubs and even phone systems. The Renegade is a proven and reliable part of every smooth customer premise operation.

084
rack or floor mounting options.
orehensive Power Conditioning guarantees
num performance.
nout, surge,trnasient and noise filtering opti-
power quality.
te monitoring triggers for On Battery and Sys-
failure.
NEMA 5-15R outlets for AC, four contacts for

put Range: 92-135 VAC.

- Dimensions: 17" H x 16.5" W x 7" D.
- 2-4ms typical transfer time
- Renegade Allows 17 aH Hot Swappable Battery
- Renegade Lite Allows 7.2 aH Hot Swappable Battery
- Runtimes can be expanded by utilizing optional battery packs (Renegade Only)

o. m	Manufacturer Mfg. P/N Warranty	Load 1 Load 2 Load 3	AC B/U Time 1 AC B/U Time 2 AC B/U Time 3	DC B/U Time 1 DC B/U Time 2 DC B/U Time 3	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
84 H	Purcell Systems Inc RENEGADE 1 Year	1 Amp 2 Amp 4 Amp	13 Hrs 5 Hrs 3.5 Hrs	15 Hrs 7 Hrs 4 Hrs	1,200.00 101 45.9	1,200.00 1,176.00 1,158.00
91 H	Purcell Systems Inc RENEGADE LITE 1 Year	1 Amp 2 Amp 4 Amp	6 Hrs 3.5 Hrs N/A	7 Hrs 4 Hrs N/A	750.00 50 22.72	750.00 735.00 723.75

Emergency Backup Relays [442-12]

rgency Relay

Emergency backup relays for DC systems. Used in conjunction with your own power supply and battery bank. When AC power to your power supply fails, the ERC immediately switches over to the bank of batteries. When power is restored, the ERC switches back to the power suply then trickle charges the batteries.

55329

o. m	Manufacturer Mfg. P/N Warranty	Input Max Current	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
9 H	NewMar ERC-12-15 2 years	12VDC 15 Amp	89.00 0.65 0.3	63.64 62.30 61.41
8 H	NewMar ERC-12-35 2 years	12VDC 35 Amp	133.00 2 0.91	95.10 93.10 91.77
2 H	NewMar ERC-24-15 2 years	24VDC 15 Amp	115.00 1 0.45	82.23 80.50 79.35

Low Voltage Disconnects [442-27]

Series

Low Voltage Disconnect continually monitors battery voltage then disconnects the load when low voltage point is sensed. Helps extend battery life by preventing over-discharge and prevents radio equipment from operating at potentially hazardous low battery voltages. Disconnect and reconnect are adjustable to meet your system needs and battery requirements. 19"/23" Rack ted Panel.

, m	Manufacturer Mfg. P/N Warranty	Model Input Max Current	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
5 H	NewMar LVR 48-200 2 years	Rackmount Disconnect-48VDC 200 Amp	839.00 10 4.54	587.30 566.33 544.22

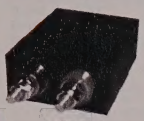
LVD Series

67608

Low Voltage Disconnect continually monitors battery voltage then disconnects the load when low voltage point is sensed. Helps extend battery life by preventing over-discharge and prevents radio equipment from operating at potentially hazardous low battery voltages. Disconnect and reconnect points are adjustable to meet your system needs and battery requirements. 5.25H x 5.5W x 3.5D. Wall or shelf mounted.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Model Input Max Current	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
67608 1 EACH	NewMar LVD 12-30 2 years	Wall/ Shelf Mount Disconnect-12VDC 30 Amp	133.00 2 0.91	95.10 93.10 91.77
85074 1 EACH	NewMar LVD 12-75 2 years	Wall/ Shelf Mount Disconnect-12VDC 75 Amp	189.00 3 1.36	135.14 132.30 130.41
16001 1 EACH	NewMar LVD 24-20 2 years	Wall/ Shelf Mount Disconnect-24VDC 20 Amp	133.00 1.35 0.61	95.10 93.10 91.77
58646 1 EACH	NewMar LVD 24-50 2 years	Wall/ Shelf Mount Disconnect-24VDC 50 Amp	189.00 2 0.91	135.14 132.30 130.41
97039 1 EACH	NewMar LVD 48-30 2 years	Wall/ Shelf Mount Disconnect-48VDC 30 Amp	189.00 2 0.91	135.14 132.30 130.41

DuraComm Low Voltage Disconnects



455170

DuraComm Low Voltage Disconnects

- Stops battery damage due to over discharging
- Protects equipment that is sensitive to low voltage during battery operation
- Disconnects and reconnects battery at an adjustable voltage
- Disconnect Ranges- 10.5-12VDC, 21-24VDC, 42-48VDC

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Model Input Max Current	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
455170 1 EACH	DuraComm Corp. LVD12 1 Year	LVD12, 12VDC, 75A	96.10 2 0.91	82.00 81.92 81.68
454156 1 EACH	DuraComm Corp. LVD24 1 Year	LVD24, 24VDC, 50A	96.10 2 0.91	82.00 81.92 81.68
487166 1 EACH	DuraComm Corp. LVD48 1 Year	LVD48, 48VDC, 30A	96.10 2 0.91	82.00 81.92 81.68

Battery Chargers For Backup Batteries [442-32]

DuraComm Smart Chargers

412177

DuraComm Smart Chargers are for the charging and maintenance of Deep Cycle or Gel cell batteries. The units offer:

- Optimal method of charging batteries
- Extended battery life
- Monitoring of batteries during charging and maintenance
- LED for charger status
- 110/220 switch selectable
- Battery polarity protection
- Approvals: UL, CUL, CE, and TUV

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Voltage Output Voltage	Output Amperage Output Banks	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
412177 1 EACH	DuraComm Corp. SC-12 1 Year	110/220VAC 13.8VDC	7.2 N/A	91.40 3 1.36	78.00 77.93 77.69
493173 1 EACH	DuraComm Corp. SC-24 1 Year	110/220VAC 27.6VDC	4.3 N/A	91.40 3 1.36	78.00 77.93 77.69
494175 1 EACH	DuraComm Corp. SC-48 1 Year	110/220VAC 55.2VDC	2.2 N/A	91.40 3 1.36	78.00 77.93 77.69

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Multi Stage Battery Charger

64370

TRUECHARGE microprocessor controlled multi-stage battery chargers for deep cycle marine, RV and industrial batteries. Features include battery temperature switch, bar graph meter displays charging current , battery type selector switch, aluminium chassis, LED's and numerous safety features. Includes alligator/ battery clips for easy and quick connections to battery.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Voltage Output Voltage	Output Amperage Output Banks	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
64370 1 EACH	Xantrex Technology TRUECHARGE 10 1 year	90-135 VAC 13.8-14.8 VDC	10 1	200.00 4.84 2.2	200.00 195.20 190.40

Multi-Stage Charger w/Conditioning

51156

TRUECHARGE microprocessor controlled multi-stage battery chargers for deep cycle marine, RV and industrial batteries.Features include battery temperature switch, bar graph meterdisplays charging current , battery type selector switch, aluminium chassis, LED's and battery reconditioning.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Voltage Output Voltage	Output Amperage Output Banks	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
12763 1 EACH	Xantrex Technology TRUECHARGE 20+ 1 year	90-135 VAC 13.8-14.8 VDC	20 2	340.00 5 2.27	340.00 331.84 323.68
51156 1 EACH	Xantrex Technology TRUECHARGE 40+ 1 year	90-135 VAC 13.8-14.8 VDC	40 2	450.00 8.5 3.86	437.85 422.10 415.80

Switched Mode Multi-Stage Charger

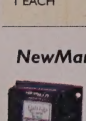
41685

430024

SAMLEX battery chargers incorporate advanced switched mode design for charging and maintaining lead-acid and gel-cell batteries. Features include fully automatic three-stage charging, short-circuit and reverse polarity protection in a lightweight and compact size.Adjustable for power supply/ charging functionality. Ideal for deep cycle marine, RV and industrial batteries.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Voltage Output Voltage	Output Amperage Output Banks	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
41685 1 EACH	Samlex America SEC1215A 1 Year	115/220 VAC 13.2-14.3 VDC	15 3	145.80 4.91 2.23	106.29 104.17 102.04
447044 1 EACH	Samlex America SEC2415A 1 year	115/220 VAC 27.6-28.8	15 3	268.45 6.5 2.95	195.71 191.80 187.89
91636 1 EACH	Samlex America SEC1230A 1 Year	115/220 VAC 13.2-14.3 VDC	30 3	268.45 6.55 2.98	195.71 191.80 187.89
452036 1 EACH	Samlex America SEC1245A 1 Year	100-130 VAC 13.8-14.3 VDC	45 2	389.90 10.35 4.7	284.29 278.61 272.92
430024 1 EACH	Samlex America SEC2425A 1 Year	100-130 VAC 27.6-28.8 VDC	25 2	389.90 11.1 5.04	284.29 278.61 272.92

NewMar ABC Series Chargers



77337

Fully automatic operation housed in a rugged anodized alluminum, heat sink case. Features include ammeters, on/offswitch with light, automatic thermal resetting and shock resistant mount. Dual input voltage for world wide operation.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Voltage Output Voltage	Output Amperage Output Banks	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
77337 1 EACH	NewMar ABC-12-8 2 years	115/220 VAC 13.4 VDC	8 2	325.00 10 4.54	232.38 227.50 224.25

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Voltage Output Voltage	Output Amperage Output Banks	List ($) Wt. (lbs) Wgt. (kg.)	T
25730 1 EACH	NewMar ABC-12-25 2 years	115/220 VAC 13.4 VDC	25 2	499.00 19 8.64	3 3 3

NewMar Phase Three Chargers

61386

Phase Three smart circuitry employs switching technology to charge batterie 3 step process: bulk, absorption and float. The chargers switch modes bases time, temperature and charge. Includes a Gel-cell/ lead-acid switch. Rugged less steel case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Voltage Output Voltage	Output Amperage Output Banks	List ($) Wt. (lbs) Wgt. (kg.)	T
61386 1 EACH	NewMar PT-40 CE 2 years	115/230 12	40 3	846.00 11.9 5.41	6 5 5
NEW 448169 1 EACH	NewMar PT-60 2 years	115 13.6	60 3	1,200.00 12.2 5.54	8 8 8
NEW 466160 1 EACH	NewMar PT-60F 2 years	230 13.6	60 3	1,200.00 12.2 5.54	8 8 8
72035 1 EACH	NewMar PT-24-20 CE 2 years	115/230 24	20 3	846.00 11.9 5.41	6 5 5

48 VDC Voltage Regulator

For use in battery back-up systems where incoming D age from the battery, battery charger or power supply exceed 50.0VDC. Designed to protect 48VDC equipm that has a voltage tolerance limiting incoming DC volta 46.0 to 52.0VDC. Prevents the load from receiving mor 48.0 VDC. Handles up to 10A at 60 VDC maximum inp

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Voltage Output Voltage	Output Amperage Output Banks	List ($) Wt. (lbs) Wgt. (kg.)	
441157 1 EACH	DuraComm Corp. REG4810 1 year	> 50 VDC 48 VDC	10A at 60 VDC	157.05 2 0.91	

Battery Monitoring System

38399

ICT Charger is microprocessor controlled and operates battery monitoring system, regulating charging pattern w maintaining radio performance. Features a three stage ch bulk, top off and float. PowerView LED with charge statu play and terminal block output connector.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input Voltage Output Voltage	Output Amperage Output Banks	List ($) Wt. (lbs) Wgt. (kg.)	
38399 1 EACH	Innovative Circuit Tech. ICT1201212BC 1 yr	110/220 externally selectable 13.8	10 continuous, 12 peak Single	217.15 4 1.82	
419071 1 EACH	Innovative Circuit Tech. ICT1201220BC 1 yr	110/220 externally selectable 13.8	17 continuous, 20 peak Single	288.55 4 1.82	
477053 1 EACH	Innovative Circuit Tech. ICT1201230BC 1 yr	110/220 externally selectable 13.8	25 continuous, 30 peak Single	373.50 4 1.82	
NEW 423371 1 EACH	Innovative Circuit Tech. ICT-RMK1		Rack mount kit. Includes panel, straps, and screws. Will support two ICT power supplies.	92.65 2 0.91	

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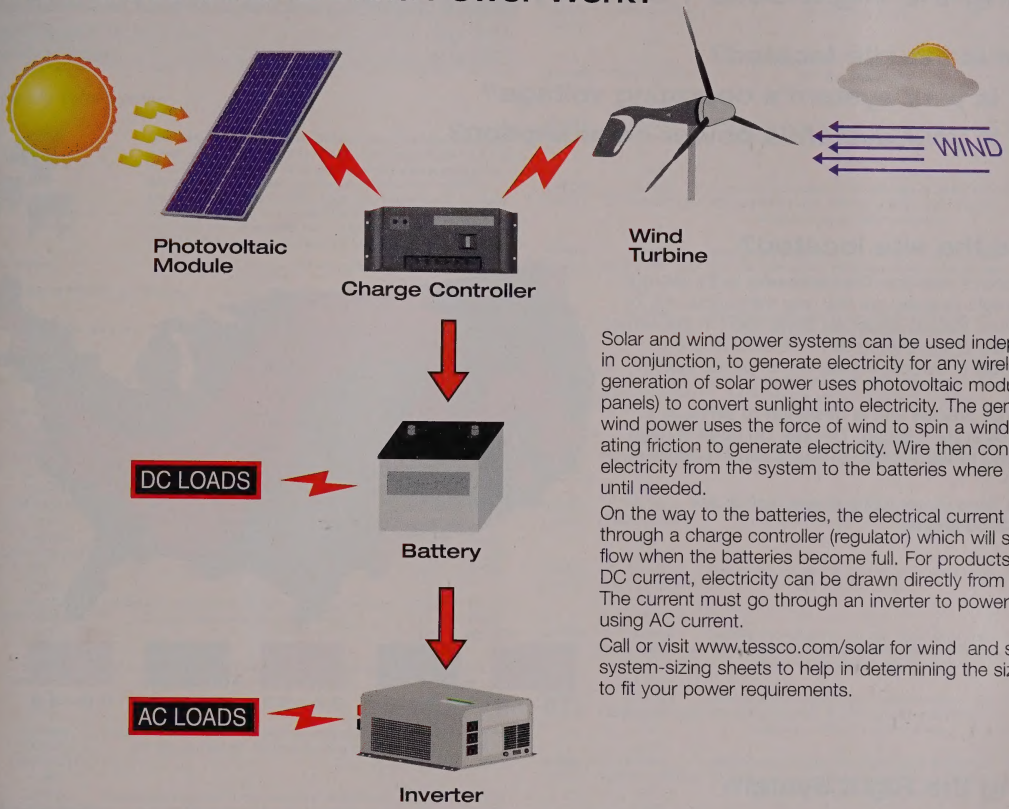
How Does Solar & Wind Power Work?



Solar and wind power systems can be used independently, or in conjunction, to generate electricity for any wireless site. The generation of solar power uses photovoltaic modules (solar panels) to convert sunlight into electricity. The generation of wind power uses the force of wind to spin a wind turbine, creating friction to generate electricity. Wire then conducts the electricity from the system to the batteries where it is stored until needed.

On the way to the batteries, the electrical current passes through a charge controller (regulator) which will shut off the flow when the batteries become full. For products requiring DC current, electricity can be drawn directly from the batteries. The current must go through an inverter to power products using AC current.

Call or visit www.tessco.com/solar for wind and solar power system-sizing sheets to help in determining the size of system to fit your power requirements.

Applications for Prepackaged Solar and Wind Power Systems

- Telecommunications
- RTU / SCADA Data
- Collection
- Instrumentation
- Navigational Aids
- Flow Monitoring
- UHF / VHF Radio
- Seismic Monitoring
- Tank Gauging
- Radio Telephones
- Railroad Signals
- Cellular Extenders
- Microwave Repeaters
- Wireless Data
- Cathodic Protection
- Irrigation Control

A TP solar system powering a remote valve on an oil pipeline

A prepackaged power-ready solar system supplying electricity to a cell

A custom solar-wind hybrid power system powering remote microwave relay site

Choosing the Right Solar Power System Is as Easy as 1, 2, 3

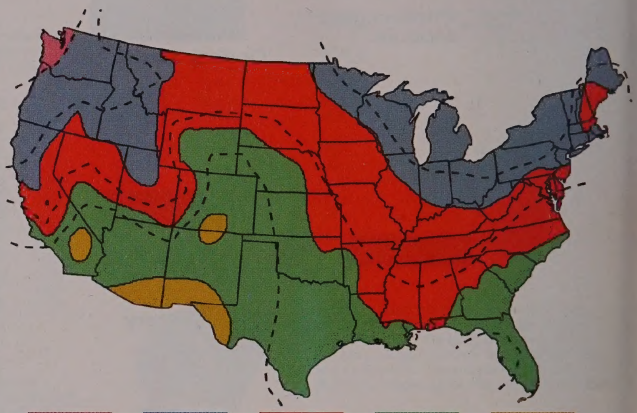
1. Where is the site located?
2. What is your system's operating voltage?
3. What is your system's power consumption?

Where is the site located?

Find the location of your site. The zones refer to the average amount of sunlight received per day over the course of a full year. Remember, the sun shines for fewer hours in the winter months, so the average is important. The amount of sun received is crucial in determining the size of power system required.

This map is not precise and is designed to serve as a guide for initial system sizing. The site zip code is used during ordering to determine the exact sun exposure of your location.

For Solar and Wind Power sizing sheets, call or visit **www.TESSCO.com/solar**



1.5—1.9 2.0—2.9 3.0—3.9 4.0—4.9 5.0—5.9

Choosing the Right System

1. Use the map to select the insolation zone that corresponds to the equipment site location.

2. Using a solar power system-sizing sheet, determine your site's daily equipment requirement in amp-hours/day at the specified voltage. In the System Selection Table, under your zone column, find the value of the amp-hours/day that is greater than or equal to your load. Based on your system voltage, see the correct part number.

To choose the correct wind power system or solar-wind hybrid power system for your site, fill out a solar power sizing sheet to figure your system requirements. Then call 1-800-TESSCO-1 to talk with a remote power expert.

The System Selection Table is designed as a guide for choosing the proper power-ready system. To ensure proper sizing, please call 1-800-TESSCO-1 and speak with a remote power specialist.

System Selection Table (Figures below are daily load in Amp-hours/day)

Peak Sun Hours	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6
12 Volt Systems											
TP05-12-38-CIAA-111	.24	.37	.49	.62	.74	.88	1.0	1.1	1.2	1.4	1.6
TP10-12-38-CIAA-111	.48	.72	.96	1.2	1.5	1.7	2.0	2.6	2.5	2.8	3.1
TP20-12-38-CPAA-111	.97	1.45	1.9	2.4	2.8	3.4	3.95	4.4	5.0	5.6	6.2
TP40-12-79-CPAA-111	1.9	2.8	3.8	4.8	5.6	6.7	7.8	8.6	9.8	11.0	12.2
TP50-12-120-CPAA-111	2.4	3.6	4.8	6.0	7.1	8.5	9.8	10.9	12.3	13.8	15.2
TP75-12-120-CPAA-111	3.5	5.3	7.0	8.8	10.0	11.9	14.1	15.5	17.7	20.0	22.3
TP90-12-240-CPAA-111	4.1	6.2	8.2	10.4	12.6	14.7	17.2	19.1	21.5	23.8	26.2
TP115-12-240-FPAA-111	5.5	8.2	11.0	13.8	16.2	19.2	22.4	25.0	28.2	31.6	35.0
TP150-12-240-FPAA-111	7.0	10.6	14.0	17.5	20.0	23.9	28.2	31.1	35.3	40.3	44.5
TP180-12-240-FPAA-111	8.3	12.5	16.2	20.0	24.0	27.6	32.6	35.4	40.9	47.2	52.5
TG180-12-480-TGAA-111	8.7	12.4	16.4	21.2	24.7	29.3	34.2	38.2	42.9	48.0	52.5
TP230-12-240-FPAA-111	11.0	16.3	21.0	25.8	28.8	34.8	41.2	44.3	51.8	61.7	70.0
TP230-12-480-FPAA-111	11.6	16.5	22.0	28.2	32.2	38.4	44.9	50.0	56.6	63.4	70.0
TG230-12-480-TGAA-111	11.6	16.5	22.0	28.2	32.2	38.4	44.9	50.0	56.6	63.4	70.0
TG360-12-1000-TGAA-111	17.3	25.0	33.2	42.2	49.4	59.2	68.4	76.6	85.7	96.0	105.0
24 Volt Systems											
TP150-24-120-FPAA-111	3.5	5.3	7.0	8.7	10.0	11.9	14.1	15.6	17.6	20.1	22.2
TP180-24-120-FPAA-111	4.1	6.25	8.1	10.1	11.5	13.8	16.3	17.7	20.3	23.4	26.2
TG180-24-240-TGAA-111	4.3	6.2	8.2	10.6	12.3	14.7	17.2	19.1	21.5	24.0	26.2
TP230-24-120-FPAA-111	5.5	8.1	10.5	12.8	14.3	17.3	20.6	22.3	26.2	30.7	35.0
TP230-24-240-FPAA-111	5.8	8.3	11.0	14.1	16.2	19.2	22.5	25.0	28.2	31.7	35.0
TG230-24-240-TGAA-111	5.8	8.3	11.0	14.1	16.2	19.2	22.5	25.0	28.2	31.7	35.0
TG360-24-500-TGAA-111	8.7	12.5	16.6	21.2	24.7	29.5	34.1	38.3	42.9	48.0	52.5
TG460-24-500-TGAA-111	11.5	16.6	22.0	28.0	35.5	38.7	45.1	50.1	56.6	63.6	69.0
TG690-24-750-TGAA-111	17.3	25.0	33.2	42.2	48.8	57.9	67.6	75.3	85.2	95.2	105.0
TG760-24-750-TGAA-111	18.4	26.0	35.0	44.2	51.4	61.0	71.5	79.2	89.8	100.0	111.0
TG920-24-900-TGAA-111	23.0	33.0	44.0	55.2	64.4	76.4	90.2	99.5	112.6	127.0	139.0

Power Ready Systems are available as [TP] pole-mounted control/battery enclosure from 5 to 360 Wp PV array and 38 to 1000 AH battery, or [TG] ground-mounted control/battery enclosure from 150 to 920 Wp PV array and 120 to 900 AH battery.

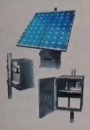
TESSCO TECHNOLOGIES

Complete Solar Backup Systems [445-70]

If you are buying these, you may need:

Indoor/Outdoor Enclosures . . . . . page 543
Grounding Systems . . . . . page 560

wer Ready Solar System



The Sunwize Power Ready Systems are complete, integrated power supplies designed for loads requiring reliable 12 or 24 VDC. Each system contains the components necessary for safe and reliable power generation without the need and expense of installing a utility hook-up. Power Ready Systems are shipped mostly assembled. Installation is as simple as mounting and connecting two wires. Applications include: SCADA, RTU, Repeaters, Security Lighting and Surveillance

ens solar module

d lead-acid battery for deep cycle charging

ger controller with termperature compensa-

rosion resistant enclosure

nting hardware suitable for outdoor pole nting

- Complete with wiring, safety fuses, and lightning protection
- Options available: low voltage load disconnect, alternate assembly for separate module and enclosure mounting
- TP= Side of pole mounting for solar panel and battery enclosure
- TG= Ground mounting system for solar panels. Pad mountable battery enclosure

ing product table (1 of 2)

o. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
08 CH	SunWize TP05-12-38CIAA111 1 year	Industrial pre packaged 12 vdc. solar power system with 5 watt solar panels.	1,165.00 70 31.82	751.43 739.78 728.13
96 CH	SunWize TP1012-38CIAA-111 1 year	Industrial pre packaged 12 vdc. solar power system with 10 watt solar panels. 38 Amp Hr. battery.	1,214.00 75 34.09	783.03 770.89 758.75
76 CH	SunWize TP201238-CPAA-111 1 year	Industrial pre packaged 12 vdc. solar power system with 20 watt solar panels. 38 Amp Hr. battery.	1,289.00 75 34.09	831.41 818.52 805.63
V 95 H	SunWize TP401279-CPAA-111 1 year	Industrial pre packaged 12 vdc. solar power system with 40 watt solar panels. 38 Amp Hr. battery.	1,289.00 75 34.09	871.12 871.12 871.12
33 H	SunWize TP5012-120CPAA111 1 year	Industrial pre packaged 12 vdc. solar power system with 50 watt solar panels. 120 Amp Hr. battery.	1,693.00 125 56.81	1,091.99 1,075.06 1,058.13
70 H	SunWize TP7512120CPAA11 1 year	Industrial pre packaged 12 vdc. solar power system with 75 watt solar panels. 120 Amp Hr. battery.	2,154.00 280 127.26	1,389.33 1,367.79 1,346.25
/ 58 H	SunWize TP9012240FPAA111 1 year	Industrial pre packaged 12 vdc. solar power system with 90 watt solar panels. 120 Amp Hr. battery.	2,714.00 280 127.26	1,750.53 1,723.39 1,696.25
02 H	SunWize TP10012120FPAA11 1 year	Industrial pre packaged 12 vdc. solar power system with 100 watt solar panels.	2,830.00 250 113.62	1,825.35 1,797.05 1,768.75
3 H	SunWize TP10012240FPAA11 1 year	Industrial pre packaged 12 vdc. solar power system with 100 watt solar panels.	2,930.00 325 147.71	1,889.85 1,860.55 1,831.25
2 H	SunWize TP10024120FPAA11 1 year	Industrial pre packaged 24 vdc. solar power system with 100 watt solar panels	3,038.00 325 147.71	1,959.51 1,929.13 1,898.75
7 H	SunWize TP11512240FPAA11 1 year	Industrial pre packaged 12 vdc. solar power system with 115 watt solar panels. 120 Amp Hr. battery.	2,903.00 280 127.26	1,872.44 1,843.41 1,814.38
4 H	SunWize TP15012240FPAA11 1 year	Industrial pre packaged 12 vdc. solar power system with 150 watt solar panels.	3,557.00 350 159.08	2,294.27 2,258.70 2,223.13
5 H	SunWize TP15024120FPAA11 1 year	Industrial pre packaged 12 vdc. solar power system with 150 watt solar panels.	3,557.00 350 159.08	2,294.27 2,258.70 2,223.13
8 H	SunWize TP15024240FPAA11 1 year	Industrial pre packaged 24 vdc. solar power system with 150 watt solar panels.	3,738.00 350 159.08	2,411.01 2,373.63 2,336.25

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 480352 1 EACH	SunWize TP18012240FPAA11 1 year	Industrial pre packaged 12 vdc. solar power system with 180 watt solar panels.	3,557.00 350 159.08	2,294.27 2,258.70 2,223.13
NEW 497350 1 EACH	SunWize TP18024120FPAA11 1 year	Industrial pre packaged 12 vdc. solar power system with 180 watt solar panels.	3,557.00 350 159.08	2,294.27 2,258.70 2,223.13
496040 1 EACH	SunWize TP20012240FPAA11 1 year	Industrial pre packaged 12 vdc. solar power system with 200 watt solar panels. 240 Amp Hr. battery.	4,278.00 375 170.44	2,759.31 2,716.53 2,673.75
444055 1 EACH	SunWize TG20012480TGAA 111 1 year	Industrial pre packaged 12 vdc. solar power system with 200 watt solar panels. Pad-Mounted, Sigma (20 amp) w/ breakers. Ground mounted system.	5,202.00 525 238.61	3,355.29 3,303.27 3,251.25
424023 1 EACH	SunWize TG20024480TGAA 111 1 year	Industrial pre packaged 24 vdc. solar power system with 200 watt solar panels. Pad-Mounted, Alpha (8 amp) w/ breakers. Ground mounted system.	5,164.00 525 238.61	3,330.78 3,279.14 3,227.50
NEW 451341 1 EACH	SunWize TP23012240FPAA11 1 year	Industrial pre packaged 12 vdc. solar power system with 230 watt solar panels. 240 Amp Hr. battery.	4,313.00 375 170.44	2,781.89 2,738.76 2,695.63
NEW 470335 1 EACH	SunWize TP23024120FPAA11 1 year	Industrial pre packaged 12 vdc. solar power system with 230 watt solar panels. 240 Amp Hr. battery.	4,253.00 375 170.44	2,743.19 2,700.66 2,658.13
NEW 436325 1 EACH	SunWize TP23012480FPAA11 1 year	Industrial pre packaged 12 vdc. solar power system with 230 watt solar panels. 240 Amp Hr. battery.	5,264.00 375 170.44	3,395.28 3,342.64 3,290.00
490056 1 EACH	SunWize TP30012240FPAA11 1 year	Industrial pre packaged 12 vdc. solar power system with 300 watt solar panels. 240 Amp Hr. battery.	5,555.00 400 181.8	3,582.98 3,527.43 3,471.88
495061 1 EACH	SunWize TP30024240FPAA11 1 year	Industrial pre packaged 24 vdc. solar power system with 300 watt solar panels.	5,387.00 400 181.8	3,474.62 3,420.75 3,366.88
455066 1 EACH	SunWize TG30012480TGAA 111 1 year	Industrial pre packaged 12 vdc. solar power system with 300 watt solar panels. Pad-Mounted, Omega (30 amp) w/breakers. Ground mounted system.	6,236.00 525 238.61	4,022.22 3,959.86 3,897.50
438081 1 EACH	SunWize TG30024240TGAA 111 1 year	Industrial pre packaged 24 vdc. solar power system with 300 watt solar panels. Pad-Mounted, Gamma (12 amp) w/breakers. Ground mounted system.	6,177.00 525 238.61	3,984.17 3,922.40 3,860.63
476055 1 EACH	SunWize TG400121000TGA A11 1 year	Industrial pre packaged 12 vdc. solar power system with 400 watt solar panels. Pad-Mounted, Omega (30 amp) w/breakers. Ground mounted system.	8,490.00 1000 454.5	5,476.05 5,391.15 5,306.25
462019 1 EACH	SunWize TG40024500TGAA 111 1 year	Industrial pre packaged 24 vdc. solar power system with 400 watt solar panels. Pad-Mounted, Sigma (20 amp) w/ breakers. Ground mounted system.	8,455.00 1050 477.22	5,453.48 5,368.93 5,284.38
447003 1 EACH	SunWize TG45024500TGAA 111 1 year	Industrial pre packaged 24 vdc. solar power system with 450 watt solar panels. Pad-Mounted, Omega (30 amp) w/breakers. Ground mounted system.	9,259.00 1050 477.22	5,972.06 5,879.47 5,786.88
489019 1 EACH	SunWize TG60024750TGAA 111 1 year	Industrial pre packaged 24 vdc. solar power system with 600 watt solar panels. Pad-Mounted, Omega (30 amp) w/breakers. Ground mounted system.	12,586.00 1100 499.95	8,117.97 7,992.11 7,866.25
485067 1 EACH	SunWize TG80024750TGAA 111 1 year	Industrial pre packaged 24 vdc. solar power system with 800 watt solar panels. Pad-Mounted, Omega (30 amp) w/breakers. Ground mounted system.	14,800.00 1200 545.4	9,546.00 9,398.00 9,250.00
474039 1 EACH	SunWize TG100024900TGA A11 1 year	Industrial pre packaged 24 vdc. solar power system with 1000 watt solar panels. Pad-Mounted, Tarom (35 amp) w/breakers. Ground mounted system.	17,929.00 1500 681.75	11,564.21 11,384.92 11,205.63

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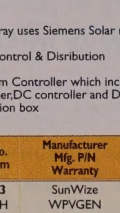
SunWize PV Power Stations.

The Sunwize PV Power Station offers the most technically advanced power generation solution avaliable for off grid remote power applications. The system uses PV technology and an engine generator to store energy in a 25 kilowatt hour battery bank. The system can be configured to provide specific voltage or power requirements resulting in a reliable, low enviromental impact, continuous power system. Avaliable in two models, hybrid (with a generator) or stand alone (no generator).

- PV Array uses Siemens Solar modules
- DC Control & Disribution
- System Controller which includes DC-AC inverter,DC controller and Distribution box,AC Distribution box
- Battery Subsystem which includes deepcycle industrial lead-acid batteries
- Engine Generator(PV Hybrid system only)Industrial -grade air-cooled for long life.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
18683	SunWize	*CALL TESSCO FOR SYSTEM ENGINEERING TO	0.05	0.00
1 EACH	WPVGEN	MEET YOUR POWER NEEDS!	0	0.00
	1 year		0	0.00

Complete Wind Power Systems



The AIR-X and AIR Industrial turbines by Southwest Windpower produce reliable electricity for battery charging even in the most extreme weather conditions. Generating 12, 24, or 48 VDC, this 400 watt turbine is an excellent match for telecom systems, offshore platforms, and remote monitoring systems. Powder coated body, stainless steel hardware, no required maintenance, and 3 year standard warranty makes the AIR Industrial perfect for remote installations. Simple to install on a 1.5" pipe, the turbine connects directly to the battery bank. To create a custom wind/solar hybrid system, please call for assistance.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	SunWize	Air Industrial 12VDC Wind generator.	1,182.00	762.39
486377	AIR-MI4-1		21	750.57
1 EACH	3 year		9.54	738.75
NEW	SunWize	Air Industrial 24VDC Wind generator.	1,182.00	762.39
437394	AIR-MI4-2		21	750.57
1 EACH	3 year		9.54	738.75
NEW	SunWize	Air Industrial 48VDC Wind generator.	1,182.00	762.39
436345	AIR-MI4-4		21	750.57
1 EACH	3 year		9.54	738.75
NEW	SunWize	Air Industrial Package Includes Trace C40 External Con-	1,476.00	952.02
496354	AIR-MI4-1P	troller with dump load 12VDC wind generator.	25	937.26
1 EACH	3 year		11.36	922.50
NEW	SunWize	Air Industrial Package Includes Trace C40 External Con-	1,476.00	952.02
483350	AIR-MI4-2P	troller with dump load 12VDC wind generator.	25	937.26
1 EACH	3 year		11.36	922.50
NEW	SunWize	Air Industrial Package Includes Trace C40 External Con-	1,476.00	952.02
445357	AIR-MI4-4P	troller with dump load 12VDC wind generator.	25	937.26
1 EACH	3 year		11.36	922.50
NEW	SunWize	AIR-X 400 watt 12VDC wind generator.	964.00	621.78
461372	AIR-LX-1		25	612.14
1 EACH	3 year		11.36	602.50
NEW	SunWize	AIR-X 400 watt 12VDC wind generator.	964.00	621.78
472351	AIR-LX-2		25	612.14
1 EACH	3 year		11.36	602.50
NEW	SunWize	AIR-X MARINE 400 watt 12VDC for Coastal and Boat	1,298.00	837.21
478392	AIR-MX-1	mounting	13	824.23
1 EACH	3 year		5.91	811.25
NEW	SunWize	AIR-X MARINE 400 watt 24VDC for Coastal and Boat	1,298.00	837.21
432300	AIR-MX-2	mounting	13	824.23
1 EACH	3 Years		5.91	811.25

Complete Wind Power Whisper Systems

The Whisper H40 turbine by Southwest Windpower ha the battery charging for larger remote installations. Gen ing 12,24,36, or 48 VDC, this 900 watt turbine is an exce match for telecom systems, offshore platforms, and rem monitoring systems. Corrosion protected (NAUTICA V SION), no required maintenance, and a 2 year standard ranty ensure performance. The turbine is CE approved comes with the EZ wire II charge controller and a diver load for when the batteries are fully charged. Simple to on a 2.5" pipe. To create a custom wind/solar hybrid system, please call for assistance.

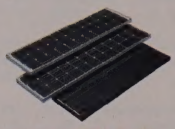
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW	SunWize	Whisper H40 900 Watt 24VDC wind generator.	2,120.00	1,36
486394	WHI-H40-24	Includes controller and load.	67	1,34
1 EACH	3 year		30.45	1,32
NEW	SunWize	Whisper H40 900 Watt 36VDC wind generator.	2,120.00	1,36
458357	WHI-H40-36	Includes controller and load.	67	1,34
1 EACH	3 year		30.45	1,32
NEW	SunWize	Whisper H40 900 Watt 48VDC wind generator.	2,120.00	1,36
488375	WHI-H40-48	Includes controller and load.	67	1,34
1 EACH	3 year		30.45	1,32
NEW	SunWize	Whisper H40 NAUTICA 900 watt 24VDC and includes	2,216.00	1,42
475370	WHI-H40M-24	marine protected controller.	67	1,40
1 EACH	2 year		30.45	1,38
NEW	SunWize	Whisper H40 NAUTICA 900 watt 36VDC and includes	2,216.00	1,42
434351	WHI-H40M-36	marine protected controller.	67	1,40
1 EACH	2 year		30.45	1,38
NEW	SunWize	Whisper H40 NAUTICA 900 watt 48VDC and includes	2,216.00	1,42
487369	WHI-H40M-48	marine protected controller.	67	1,40
1 EACH	2 year		30.45	1,38

Solar Modules [445-10]

If you are buying these, you may need:

Indoor/Outdoor Enclosures . . . . . page 5
Digital Multimeters . . . . . page 14

Shell Solar Modules



Shell Solar Modules feature high efficiency single crystal solar cells offering superior low light level performance, formance warranty and the most energy per watt of any commercially available technology. All Shell Solar module carry the following certifications: UL-1703, MIL 810, JPL- CE mark, FM, ISO 9001 (SSI).

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
77478	SunWize	5 watt, .32 Amp, 15.6VDC solar module. Used in small	94.20	65
1 EACH	ST-5	industrial systems like telemetry and SCADA applica-	4	64
	10 Years	tions. 8.1" x 12.9".	1.82	62
33561	SunWize	10 watt, .65 Amp, 15.6VDC solar module. Used in	164.70	11
1 EACH	ST-10	small industrial systems like telemetry, SCADA and 12V	7.02	11
	10 Years	charging systems. 12.9" x 15.2".	3.19	10
35675	SunWize	20 watt, 1.29 Amps, 15.6VDC solar module. Used in	282.50	19
1 EACH	ST-20	small industrial systems like telemetry, SCADA and call	12.6	19
	10 Years	boxes. 12.9" x 29.5".	5.73	18
35730	SunWize	40 watt, 2.29 Amps, 15.6VDC solar module. Used in	377.00	26
1 EACH	ST-40	small industrial systems like telemetry, SCADA and call	16.1	25
	10 Years	boxes. 13.0" x 50.9".	7.32	24
61276	SunWize	50 Watt, 3.15A, 15.9VDC. Used in a range of applica-	450.00	31
1 EACH	SM50-H	tions in a temperate climate.	11.5	30
	10 Years		5.23	29
NEW	SunWize	50 Watt, 2.95A, 17.0VDC. Used in a range of applica-	430.00	30
69888	SR-50	tions in a temperate climate.	11.5	29
1 EACH	10 Years		5.23	28
99669	SunWize	55 Watt, 3.15A, 17.4VDC. Used in a range of applica-	466.00	32
1 EACH	SM55	tions in a hot climate.	16	31
	25 Years		7.27	30
34848	SunWize	75 Watt, 4.4/8.8A, 17/8.5VDC. Used in large industrial	620.00	43
1 EACH	SP75	applications such as repeater sites.	16.7	42
	10 Years		7.59	40
NEW	SunWize	110 Watt, 6.3A, 17.5VDC. Used in large industrial appli-	820.00	57
465328	SM110-12	cations such as repeater sites.	25	55
1 EACH	25 Years		11.36	54
NEW	SunWize	110 Watt, 3.15A, 35VDC. Used in large industrial appli-	820.00	57
454310	SM110-24	cations such as repeater sites.	25	55
1 EACH	25 Years		11.36	54

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uing product table (2 of 2)

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 396 CH	SunWize SP130 25 Years	130 Watt, 3.95A, 33VDC. Used in large industrial applications such as repeater sites.	940.00 41 18.63	658.00 639.20 620.40
W 336 CH	SunWize SP140 25 Years	140 Watt, 4.25A, 33VDC. Used in large industrial applications such as repeater sites.	1,010.00 41 18.63	707.00 686.80 666.60
W 311 CH	SunWize SP150 25 Years	150 Watt, 4.40A, 34VDC. Used in large industrial applications such as repeater sites.	1,080.00 41 18.63	756.00 734.40 712.80

wize Solar Modules

Sunwize OEM/SW series Solar Modules deliver top-quality performance for all photovoltaic applications including rural electrification, water pumping, telemetry, communications, and general battery charging. Ideal for Installations up to 600VDC, Sunwize modules can be used in single-module and multiple-module systems.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
040 CH	SunWize 103000SW5 1 year	5 watt, .31 Amps, 16.7VDC solar module. Used in industrial OEM systems like RTU/ SCADA and radio communication systems.	95.00 2.4 1.09	66.50 64.60 62.70
016 CH	SunWize 103000SW10 10 Years	10 watt, .61 Amps, 16.7VDC solar module. Used in industrial OEM systems like RTU/ SCADA and radio communication systems. 15.0" x 113.4"	148.00 4 1.82	103.60 100.64 97.68
014 CH	SunWize 103000SW20 10 Years	20 watt, 1.22 Amps, 16.7VDC solar module. Used in industrial OEM systems like RTU/ SCADA and radio communication systems. 20.9" x 16.9"	207.10 6.4 2.91	144.97 140.83 136.69
058 CH	SunWize 103000SW40 10 Years	40 watt, 2.36 Amps, 16.7VDC solar module. Used in industrial OEM systems like RTU/ SCADA and radio communication systems. 38.3" x 17.2"	346.00 16.92 7.69	242.20 235.28 228.36
W 59 CH	SunWize SW90 20 Years	90 watt, 5.17 Amps, 17.4VDC solar module. Used in industrial OEM systems like RTU/ SCADA and radio communication systems. 56.9" x 22.8"	660.00 25 11.36	462.00 448.80 435.60
W 83 CH	SunWize SW95 20 Years	95 watt, 5.46 Amps, 17.4VDC solar module. Used in industrial OEM systems like RTU/ SCADA and radio communication systems. 56.9" x 22.8"	694.00 25 11.36	485.80 471.92 458.04
W 30 CH	SunWize SW115 20 Years	115 watt, 6.89 Amps, 16.7VDC solar module. Used in industrial OEM systems like RTU/ SCADA and radio communication systems. 56.9" x 22.8"	840.00 28 12.73	588.00 571.20 554.40
W 23 CH	SunWize SW120 20 Years	120 watt, 7.18 Amps, 16.7VDC solar module. Used in industrial OEM systems like RTU/ SCADA and radio communication systems. 56.9" x 22.8"	976.00 28 12.73	683.20 663.68 644.16

opower Solar Modules

Astropower Solar Modules deliver top quality performance for all photovoltaic applications including rural electrification, water pumping, telemetry, communications, and general battery charging. Ideal for Installations up to 600VDC, Astropower modules can be used in single module and multiple module systems.

335

o. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
V 35 H	SunWize AP50 20 Years	50 watt, 3 Amps, 16.7VDC solar module. Used in industrial systems like RTU/ SCADA and radio communication systems. 33.8" x 26"	346.00 17 7.73	242.20 238.89 238.89

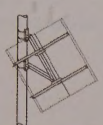
Solar Module Mounts [445-20]

SunWize Module Ground/Roof Mounts.

SunWize mounting hardware is designed to withstand heavy wind loading. Ground/Roof mounts resemble an A frame and can accomodate from 1 to 12 panels. They are perfect for ground, roof and vertical surface mounting. Also available in aluminum. Additional mounts are available for all other solar panels.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
93424 1 EACH	SunWize GR02SM55 1 Year	Ground/Roof mount for mounting one or two SM50-H or SM55 modules.	153.25 5.5 2.5	107.26 104.19 101.13
92175 1 EACH	SunWize GR02SP75 1 Year	Ground/Roof mount for mounting one or two SP70 or SP75 modules.	220.00 30 13.64	154.00 149.60 145.20
40568 1 EACH	SunWize GR04SM55 1 Year	Ground/Roof mount for mounting up to four SM50-H or SM55 modules.	176.00 60 27.27	123.20 119.68 116.16
78961 1 EACH	SunWize GR04SP75 1 Year	Ground/Roof mount for mounting up to four SP70 or SP75 modules.	260.00 25 11.36	182.00 176.80 171.60
NEW 461367 1 EACH	SunWize GR02SM110 1 Year	Ground/Roof mount for mounting up to two SM110 modules.	212.00 25 11.36	148.40 144.16 139.92
NEW 463378 1 EACH	SunWize GR04SM110 1 Year	Ground/Roof mount for mounting up to four SP110 modules.	371.00 50 22.72	259.70 252.28 244.86
NEW 414390 1 EACH	SunWize GR02SP140 1 Year	Ground/Roof mount for mounting up to two SP140/150 modules.	236.00 50 22.72	165.20 160.48 155.76
NEW 422388 1 EACH	SunWize GR04SP140 1 Year	Ground/Roof mount for mounting up to four SP140/ 150 modules.	412.00 50 22.72	288.40 280.16 271.92
NEW 458368 1 EACH	SunWize GR02SW90 1 Year	Ground/Roof mount for mounting up to two SW90/95 modules.	183.00 50 22.72	128.10 124.44 120.78
NEW 461369 1 EACH	SunWize GR04SW90 1 Year	Ground/Roof mount for mounting up to four SW90/95 modules.	312.00 50 22.72	218.40 212.16 205.92
NEW 473305 1 EACH	SunWize GR02SW115 1 Year	Ground/Roof mount for mounting up to two SW115/ 120 modules.	206.00 50 22.72	144.20 140.08 135.96
NEW 444395 1 EACH	SunWize GR04SW115 1 Year	Ground/Roof mount for mounting up to four SW115/ 120 modules.	359.00 50 22.72	251.30 244.12 236.94
NEW 467358 1 EACH	SunWize GR02AP50 1 Year	Ground/Roof mount for mounting up to two AP50 modules.	200.00 50 22.72	140.00 136.00 132.00
NEW 446358 1 EACH	SunWize GR04AP50 1 Year	Ground/Roof mount for mounting up to four AP50 modules.	312.00 50 22.72	218.40 212.16 205.92
NEW 434340 1 EACH	SunWize PS01SW115 1 Year	Side of Pole mount for SW115/120 modules. For use with a single module. Purchase mounting hardware (hose clamp or U-Bolt assembly) seperately. Can be adjusted to optimize Sun angle.	224.00 50 22.72	156.80 152.32 147.84
NEW 451366 1 EACH	SunWize PS01SM110 1 Year	Side of Pole mount for SM110 modules. For use with a single module. Purchase mounting hardware (hose clamp or U-Bolt assembly) seperately. Can be adjusted to optimize Sun angle.	270.00 50 22.72	189.00 183.60 178.20
NEW 430391 1 EACH	SunWize PS01SP140 1 Year	Side of Pole mount for SP140/150 modules. For use with a single module. Purchase mounting hardware (hose clamp or U-Bolt assembly) seperately. Can be adjusted to optimize Sun angle.	270.00 50 22.72	189.00 183.60 178.20

SunWize Solar Module Mounts.



SunWize Side-of-Pole racks are used to mount 1-4 panels to different sized poles. Pole size is determined by the number of modules to be mounted. Mounts to pole via hose clamps or U-bolts (sold seperately). Mounts can be adjusted to optimal sun angle. Galvanized steel construction. Mounts for other Solar panels are available.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 422328 1 EACH	SunWize 950UNI1SMLKITB 1 Year	Side-of-Pole mount for mounting OEM5, ST10, ST20, SM55, SM50 modules. Modules have to be drilled to match mount.	52.50 3 1.36	36.75 35.70 34.65

Site Power and Electrical Systems

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Continuing product table (2 of 2)

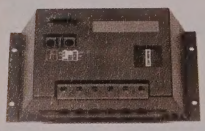
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 497329 1 EACH	SunWize 950UNI1MEDKITB 1 Year	Side-of-Pole mount for mounting OEM10, OEM20, OEM40 modules. Modules have to be drilled to match mount.	55.00 3 1.36	38.50 37.40 36.30
NEW 480312 1 EACH	SunWize 950UNI1LRGKITB 1 Year	Side-of-Pole mount for mounting SP75 modules.	57.50 5 2.27	40.25 39.10 37.95
52008 1 EACH	SunWize PS02SM55 1 Year	Side-of-Pole mount for mounting 2 SM50-H or SM55 modules.	277.00 65 29.54	193.90 188.36 182.82
90401 1 EACH	SunWize PS02SP75 1 Year	Side-of-Pole mount for mounting 2 SP70 or SP75 modules.	300.00 23 10.45	210.00 204.00 198.00
NEW 443376 1 EACH	SunWize PS02SM110 1 Year	Side-of-Pole mount for mounting 2 SM110 modules.	270.00 23 10.45	189.00 183.60 178.20
NEW 486378 1 EACH	SunWize PS02SW90 1 Year	Side-of-Pole mount for mounting 2 SW90/95 modules.	270.00 23 10.45	189.00 183.60 178.20
NEW 410386 1 EACH	SunWize PS02SW115 1 Year	Side of Pole Mount for SW-115/120	270.00 23 10.45	189.00 183.60 178.20
NEW 499358 1 EACH	SunWize PS02AP50 1 Year	Side-of-Pole mount for mounting 2 AP50 modules.	310.00 23 10.45	217.00 210.80 204.60
38794 1 EACH	SunWize PS04SM55 1 Year	Side-of-Pole mount for mounting 4 SM50-H or SM55 modules.	328.00 35 15.91	229.60 223.04 216.48
NEW 467375 1 EACH	SunWize U-PS/52L 1 Year	Side of Pole Mount for SW85/90/95 Solar Panels. For a 3" O.D. pipe. PV module mounting hardware & U-bolts for pole are included. Stainless steel hardware. Adjustable tilt 15 to 60 degrees.	280.00 21 9.54	196.00 190.40 184.80

Solar Charge Controllers [445-30]

If you are buying these, you might need:

Indoor/Outdoor Enclosures . . . . . .page 543

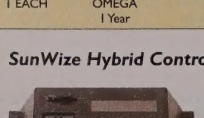
SunWize Hybrid Controllers



The controller features full protective functions for overcharge, low SOC, overcurrent, overvoltage and overtemperature. Status LEDs display battery charge state and system status. The new algorithm utilizes voltage, temp.,and amp hour measurements to enable an accurate determination of the battery state of charge(SOC),the most critical system parameter. The self-learning algorithm automatically adjusts for capacity and age of the battery. *Avaliable options:LCD volt/amp charge meter.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input (VDC) PV Current	Load Current Charge Control Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
74960 1 EACH	SunWize ALPHA 1 Year	12/24 8A	8A Hybrid,LVD	72.00 4 1.82	50.40 48.96 47.52
23353 1 EACH	SunWize GAMMA 1 Year	12/24 12A	12A Hybrid,LVD	86.00 5 2.27	60.20 58.48 56.76
61746 1 EACH	SunWize SIGMA 1 Year	12/24 20A	20A Hybrid,LVD	108.00 1.12 0.51	75.60 73.44 71.28
48532 1 EACH	SunWize OMEGA 1 Year	12/24 30A	30A Hybrid,LVD	132.00 7 3.18	92.40 89.76 87.12

SunWize Hybrid Controllers



Hybrid charge controllers with 16 character LCD Meter Package.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input (VDC) PV Current	Load Current Charge Control Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
86925 1 EACH	SunWize ALPHA/LCD 1 Year	12/24 8A	8A Hybrid	120.00 4 1.82	84.00 81.60 79.20

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input (VDC) PV Current	Load Current Charge Control Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T- T-3
35318 1 EACH	SunWize GAMMA/LCD 1 Year	12/24 12A	12A Hybrid,LVD	130.00 5 2.27	91. 88. 85.
73711 1 EACH	SunWize SIGMA/LCD 1 Year	12/24 20A	20A Hybrid,LVD	112.00 6 2.73	78. 76. 73.
22104 1 EACH	SunWize OMEGA/LCD 1 Year	12/24 30A	30A Hybrid	184.00 7 3.18	128 125 121

SunWize Controllers

20855

This series of controller is an economical pulse-width modulated shun controller designed for small and mid-sized systems. The full featured includes temperature compensation charging, MOSFET transistors for overdischarge protection, and a user-selectable auto- equalize algorithm Standard features include overvoltage protection, status LED for batte voltage, and a built-in battery fuse. Optional LEDs for charging function load disconnect are available.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input (VDC) PV Current	Load Current Charge Control Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
47283 1 EACH	SunWize SOLSUM 5.0 1 Year	12/24 5A	No LVD Shunt	34.00 2 0.91	23 23 22
72462 1 EACH	SunWize SOLSUM 6.6/LVD 1 Year	12/24 5A	6A Shunt/LVD	44.00 4 1.82	30 29 29
20855 1 EACH	SunWize SOLSUM 8.0 1 Year	12/24 8A	No LVD Shunt	46.00 1 0.45	32 31 30
59248 1 EACH	SunWize SOLSUM 8.8 1 Year	12 8A	8A Shunt/LVD	58.00 4 1.82	40 39 38

Morningstar SunSaver Controllers

The Morningstar Sunsaver controllers standard features include 100% solid state, marine rated terminal and anod case, epoxy encapsulated eletronics, temperature compe sated charging, charging LED and LVD indicator (with LV option). Selectable sealed or flooded battery charging an PWM charging. LVD set at 11.5VDC reconnect 12.6VD 12 volt and 23VDC and 25.2 on 24VDC units. The SunSa carry the CE mark, UL 1604 approved.

- PWM Battery Charging
- 100% solid state
- Fully encapsulated in epoxy potting
- Temperature compensation
- Sealed/Flooded battery select
- Green charging/Red LVD indicators

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input (VDC) PV Current	Load Current Charge Control Type	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 479394 1 EACH	SunWize SS6-12 5 Year	12/24 6.5A	6.5 PWM type	60.00 1 0.45	42 40 39
NEW 421378 1 EACH	SunWize SS6L-12 5 Year	12/24 6.5A	6.5 PWM type	73.00 1 0.45	51 49 48
NEW 497347 1 EACH	SunWize SS10-12 5 Year	12/24 10A	10A PWM type	69.00 1 0.45	48 46 45
NEW 422364 1 EACH	SunWize SS10-24 5 Year	12/24 6.5A	10A PWM type	76.00 1 0.45	53 51 50
NEW 499363 1 EACH	SunWize SS10L-12 5 Year	12/24 10A	10A PWM type	87.50 1 0.45	61 59 57
NEW 445352 1 EACH	SunWize SS10L-24 5 Year	12/24 10A	10A PWM type	87.50 1 0.45	61 59 57
NEW 464393 1 EACH	SunWize SS20L-12 5 Year	12/24 20A	20A PWM type	118.00 1 0.45	82 80 77
NEW 435316 1 EACH	SunWize SS20L-24 5 Year	12/24 20A	20A PWM type	184.00 1 0.45	12 12 12

NEW = New Listing. Pricing for reference See TESSCO.com for latest pricing and pro Copyright 2003 all rights reserved.

rningstar ProStar Controllers

The Morningstar Prostar controllers have a long list of standard features, they are available in 15 or 30 amps and 12/24 or 48 VDC. Three types of batteries can be charged sealed, gel or flooded. Other features include temperature compensated charging, 100% solid state, LED's indicate battery status. The control board is conformal coated all fasteners are stainless steel. All Prostar have Low voltage Disconnect (LVD), electronic protection against reverse polarity, reverse current at night high voltage disconnect and high temperature nnect, lightning and transient surge protection.

able in 15 or 30 amp
nated life is 15 years
% solid state

- Very low voltage drops
- Capable of 25% overloads
- Parallel for up to 300 amps

No. om	Manufacturer Mfg. P/N Warranty	Input (VDC) PV Current	Load Current Charge Control Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 68 CH	SunWize PS15 5 Year	12/24 15A	15A PWM type	144.00 1 0.45	100.80 97.92 95.04
W 45 CH	SunWize PS15M 5 Year	12/24 15A	15A PWM type	224.00 1 0.45	156.80 152.32 147.84
W 65 CH	SunWize PS15M-48 5 Year	48 15A	15A PWM type	294.00 1 0.45	205.80 199.92 194.04
W 86 CH	SunWize PS15M-48V-PG 5 Year	48 15A	15A PWM type	316.00 1 0.45	221.20 214.88 208.56
W 94 CH	SunWize PS30 5 Year	12/24 30A	30A PWM type	190.00 1 0.45	133.00 129.20 125.40
W 88 CH	SunWize PS30M 5 Year	12/24 30A	30A PWM type	272.00 1 0.45	190.40 184.96 179.52
W 25 CH	SunWize PS30M-PG30 5 Year	12/24 30A	30A PWM type	314.00 1 0.45	219.80 213.52 207.24

Inverters [445-40]

ce Modified Sine Wave Inverters

Trace Inverters are known around the world for dependable performance due to sound circuit design, an unusually large complement of electronic power devices and 100% testing. Trace UX series are compact inverters that will produce up to 1400 watts and can handle loads that surge to three times that level (will hold surge load for nearly a minute). Includes a built in 25 amp battery charger.

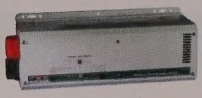
o. m	Manufacturer Mfg. P/N Warranty	Input (VDC) Output (VAC)	Watts (Continuous) Watts (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
6 H	SunWize UX612SB 2 years	12 120	600 2500	982.00 21.55 9.79	687.40 667.76 648.12
4 H	SunWize UX1112SB 2 years	12 120	1100 N/A	1,264.00 28 12.73	884.80 859.52 834.24

e Modified Sine Wave Inverters

Trace Inverters are known around the world for dependable performance due to sound circuit design, an unusually large complement of electronic power devices and 100% testing. Trace UX series are compact inverters that will produce up to 1400 watts and can handle loads that surge to three times that level (will hold surge load for nearly a minute).

. m	Manufacturer Mfg. P/N Warranty	Input (VDC) Output (VAC)	Watts (Continuous) Watts (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
5 H	SunWize UX612 2 years	12 120	600 2500	840.00 20 9.09	588.00 571.20 554.40
H	SunWize UX1112 2 years	12 120	1100 N/A	1,123.00 25 11.36	786.10 763.64 741.18

Trace Modified Sine Wave Inverters



Trace Inverters are known around the world for dependable performance due to sound circuit design, an unusually large complement of electronic power devices and 100% testing. Trace DR Series are modified sine wave AC power inverters with high efficiency operation and battery charging ability.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input (VDC) Output (VAC)	Watts (Continuous) Watts (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
20783 1 EACH	SunWize DR1512 2 years	12 120	1500 3500	1,452.00 35 15.91	1,016.40 987.36 958.32
18285 1 EACH	SunWize DR1524 2 years	24 120	1500 4500	1,384.00 35 15.91	968.80 941.12 913.44

Trace True Sine Wave Inverters

Trace Inverters are known around the world for dependable performance due to sound circuit design, an unusually large complement of electronic power devices and 100% testing. Trace SW Series are true sine wave AC power inverters with high efficiency operation and battery charging ability.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input (VDC) Output (VAC)	Watts (Continuous) Watts (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
42215 1 EACH	SunWize SW4024 2 years	24 120	4000 10000	4,932.00 111 50.45	3,452.40 3,353.76 3,255.12
29001 1 EACH	SunWize SW4048 2 years	48 120	4000 10000	4,932.00 111 50.45	3,452.40 3,353.76 3,255.12

EXELTECH True Sine Wave Inverters

Exeltech SI series inverters are high-performance power inverters that produce a true sine wave output. Works well with appliances of any kind. Up to ten of these modules can be paralleled to produce power levels up to 5Kw.(factory installed option).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input (VDC) Output (VAC)	Watts (Continuous) Watts (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
10726 1 EACH	SunWize XP-125-24 1 year	24 120	125-150 200-250	432.50 3.1 1.41	302.75 294.10 285.45
23940 1 EACH	SunWize XP-125-12 1 year	12 120	125-150 200-250	398.00 10 4.54	278.60 270.64 262.68
50368 1 EACH	SunWize XP-250-12 1 year	12 120	250-300 500-625	750.00 10 4.54	525.00 510.00 495.00
88761 1 EACH	SunWize XP-250-24 1 year	24 120	250-300 500-625	750.00 10 4.54	525.00 510.00 495.00
11975 1 EACH	SunWize XP-600-24 1 year	24 120	600-650 1250-1500	1,104.00 15 6.82	772.80 750.72 728.64
NEW 435313 1 EACH	SunWize XP-1100-12 1 year	12 120	1100	1,104.00 10 4.54	772.80 766.67 766.67
63582 1 EACH	SunWize XP-600-12 1 year	12 120	600-650 1250-1500	1,104.00 15 6.82	772.80 750.72 728.64

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Batteries for Communication Sites [445-50]

If you are buying these, you might need:

Indoor/Outdoor Enclosures . . . . . page 543

Batteries for Solar Backup Systems

Concorde Batteries are maintenance free-valve regulated, sealed lead-acid batteries, designed for deep cycle photovoltaic applications. Features include: immobilized electrolyte-non spillable, never requires watering, pressure regulated safety vents, AGM glass sepatators, operational from -40F to +160F. Handles are optional.

• * Ships ground freight only

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
97044 I EACH	SunWize PVX-340T I Year	12V 38AH @100 Hr Rate lead acid battery. Used in solar systems battery bank. 7.68"x5.15"x7.22".	103.70 23 10.45	72.59 70.52 68.45
73292 I EACH	SunWize PVX-490T I Year	12V 55AH @100 Hr Rate lead acid battery. Used in solar systems battery bank. 9.35"x5.45"x9.35".	130.00 36 16.36	91.00 88.40 85.80
67834 I EACH	SunWize PVX-1265T I Year	12V 79AH @100 Hr Rate lead acid battery. Used in solar systems battery bank. 10.2"x6.60"x9.35".	183.00 50 22.72	128.10 124.44 120.78
95795 I EACH	SunWize PVX-1040T I Year	12V 100Ah @100 Hr Rate lead acid battery. Used in solar systems battery bank. 11.82"x6.60"x9.35".	230.00 63 28.63	161.00 156.40 151.80
85484 I EACH	SunWize PVX2120L I Year	12V 250Ah @100 Hr Rate lead acid battery. Used in solar systems battery bank. 20.73"x8.66"x10.27"	450.00 130 59.08	315.00 306.00 297.00
45337 I EACH	SunWize PVX-2580L I year	12V 300AH @20 Hr Rate lead acid battery. Used in solar systems battery bank. 20.76" L x 10.22"W x 8.60"D	524.00 162 73.63	366.80 356.32 345.84

Site Batteries

- For use in communications sites
- Rechargeable, lead acid batteries
- For 12, 24, & 48 volt applications
- Available in other sizes
- SHIPS GROUND FREIGHT ONLY

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
53170 I EACH	Deka 12AVR-30C I Year	Unigy I 12VDC, 30 Ah seal lead acid battery with metal can. 6.67 x 5.12 x 7.00"	166.00 21 9.54	146.42 139.44 132.80
56257 I EACH	Deka 12AVR-40C I Year	Unigy I 12VDC, 40 Ah seal lead acid battery with metal can. 8.16 x 5.00 x 6.97"	188.00 26 11.82	165.82 157.92 150.40
56276 I EACH	Deka 24AVR-75 I Year	Unigy I 24VDC, 75 Ah seal lead acid battery system with connectors and flame retardant case. 19 or 23 inch rack mountable.	383.00 110 50	337.81 321.72 306.40
56283 I EACH	Deka 24AVR-100 I Year	24VDC, 100 Ah seal lead acid battery system with connectors and flame retardant case. 19 or 23 inch rack mountable.	475.00 144 65.45	418.95 399.00 380.00
NEW **494350** I EACH	Deka 12AVR100-3ET I Year	12VDC 100Ah sealed flame retardant battery. Front access case with 1/4" x 20 studs. Reinforced case resists bulging.	310.40 75 34.09	273.77 260.73 248.32
NEW **460330** I EACH	Deka 12AVR75-7 I Year	12VDC 235Ah VRLA battery. Stackable modules. Flame retardant. Use in 23" rack or as free standing modules. 24.62 x 24.5 x 37.88" + terminals.	6,652.00 1320 599.94	5,867.07 5,587.68 5,321.60
NEW **430341** I EACH	Deka 24AVR100-SET I Year	24VDC 140Ah sealed flame retardant battery. Front access case with copper post terminals. For 23" rack or free-standing applications.	5,796.00 900 409.05	5,112.08 4,868.64 4,636.80
NEW **425304** I EACH	Deka 2AVR375E I Year	Replacement cell for the Linneage 2000 VR, used in 48VDC microwave applications. 3.54 x 9.36 x 24.5".	425.00 78 35.45	374.85 357.00 340.00

Battery Chargers [445-60]

Solar Systems Battery Chargers.

The DLS Series Charger/Power Supply uses switch-mode technology to insure service free operation even when su jected to extremely harsh conditions. The clean DC outpu operates radios and televisions without causing annoying static or snow. They feature regulated converter/power su ply, tight line-load regulation, two-step voltage switch, curr limiting, transient voltage protection and short circuit/over current protection. The DLS maintains the batteries, only putting into the battery what is required by load or self-discharge, cutting back to milliamps as the battery requires.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input (VAC) Output (VDC)	Output Amperage Fan	List ($) Wt. (lbs) Wgt. (kg.)	T-1($ T-2($ T-3($
481047 I EACH	SunWize DLS24-25 I year	120VAC 12VDC	24-25 Yes	333.00 7 3.18	233.1 226.4 219.7
423048 I EACH	SunWize DLS15 I year	120VAC 13.6/14.2VDC	30 Yes	139.50 4.5 2.05	97.6 94.8 92.0
487091 I EACH	SunWize DLS30 I year	120VAC 13.6/14.2VDC	30 Yes	190.00 4.5 2.05	133.0 129.2 125.4
425016 I EACH	SunWize DLS45 I year	120VAC 13.6/14.2VDC	45 Yes	195.00 4.5 2.05	136.5 132.6 128.7
448011 I EACH	SunWize DLS55 I year	120VAC 12VDC	55 Yes	236.00 7 3.18	165.2 160.4 155.7

TESSCO TECHNOLOGIES®

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FAX 410-527-0005
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NEW = New Listing. Pricing for reference o
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Complete Rohn 25G Guyed Towers

TOWER HEIGHT	70 MPH BASIC WIND SPEED (NO ICE)	90 MPH BASIC WIND SPEED (NO ICE)	110 MPH BASIC WIND SPEED (NO ICE)
40'	80467	80467	80467
50'	33755	33755	33755
60'	36037	36037	36037
70'	79840	79840	79840
80'	42722	42722	44906
90'	42719	42719	99636
100'	40398	40398	74700
110'	42590	42590	—
120'	81768	81768	—
130'	68050	42614	—
140'	37482	42645	—
150'	18677	30191	—
160'	42606	65555	—
170'	57070	42646	—
180'	24268	42649	—
190'	42611	42655	—

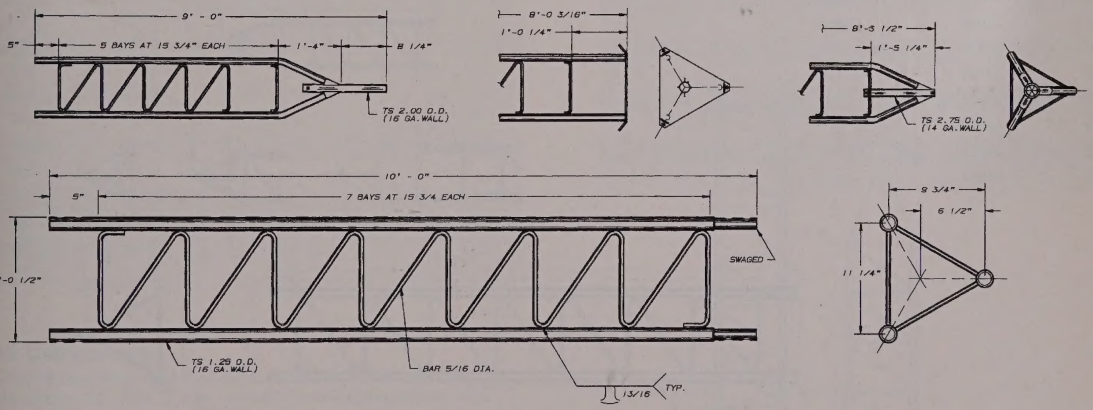
Design

The 25G tower is a general purpose communications or heavy-duty TV tower which satisfies a wide range of needs. It meets the approved national standard ANSI/EIA-222-D.

Construction and Finish

The 25G 12-1/2-inch equilateral triangular design, with continuous steel zig-zag cross-bracing, is electrically welded and fabricated in precision equipment. The extra-heavy-duty 1-1/4-inch steel tubing side rails, continuous solid-steel rod bracing, and eight zig-zag braces per 10-foot section create an extraordinarily rugged structure. The 25G can be self-supporting, provided a house bracket is used. Under normal conditions, the 25G can rise 35 feet above the bracket or 190 feet when guyed.

Sections and all accessories are hot-dipped galvanized, inside and out, after fabrication, to protect all points of welding against corrosion and to provide an attractive and maintenance-free installation.



Kit Components

All items necessary for a complete, grounded, guyed tower are included in the TESSCO part number shown for the desired wind speed rating and tower height. Included are tower sections, top section, concrete base plate, pier pin, guy brackets, guy wire, big grips, rope thimbles, eye and eye turnbuckles, eye and jaw turnbuckles, safety kit, anchor rods, anchor ground kit, base ground kit, and installation instructions.

Call 800-472-7373 for guying details.

Complete Rohn 45G Guyed Towers

TOWER HEIGHT	70 MPH BASIC WIND SPEED (NO ICE)	90 MPH BASIC WIND SPEED (NO ICE)	110 MPH BASIC WIND SPEED (NO ICE)
40'	42941	42702	42856
50'	95639	36339	42851
60'	42949	87644	42833
70'	42953	42737	42835
80'	42958	42746	42847
90'	42962	42765	42905
100'	42964	65571	42909
110'	42971	42765	42860
120'	42994	97709	42864
130'	42995	42803	42871
140'	42998	42805	42879
150'	43004	64755	42888
160'	43019	42822	42898
170'	78100	42828	53408
180'	43020	23400	—
190'	43025	77166	—
200'	43030	42662	—
210'	43038	42670	—
220'	28940	42674	—
230'	43045	42686	—
240'	43055	42688	—
250'	67333	—	—
260'	43063	—	—
270'	43065	—	—
280'	43072	—	—
290'	43075	—	—
300'	55394	—	—

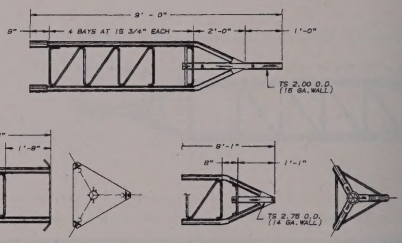
Design

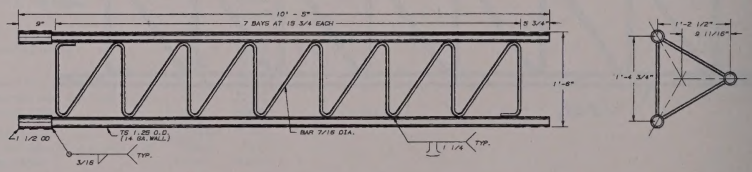
The 45G is a true multi-use structure for applications up to 300 feet. It satisfies a wide variety of needs under varied conditions and meets approved National Standard ANSI/EIA-222-E.

Construction and Finish

The 45G tower section is constructed on an 18-inch equilateral triangle pattern, using 1-1/4-inch, 14 gauge, special quality steel tubing or solid steel rod legs. The zig-zag cross-bracing is formed from a continuous 7/16-inch solid-steel rod electrically welded every 15-3/4 inches on the side rails. Each 10-foot section is sleeve-joined to the other and double-bolted to provide superior strength.

Sections and accessories are hot-dipped galvanized, inside and out, after fabrication to protect all point of welding against corrosion and to provide an attractive and maintenance-free installation.





Kit Components

All items necessary for a complete, grounded, guyed tower are included in the TESSCO part number shown for the desired wind speed rating and tower height. Included are tower sections, top section, concrete base plate, pier pin, side arms, guy brackets, guy wire, big grips, rope thimbles, eye and eye turnbuckles, eye and jaw turnbuckles, safety kit, anchor rods, anchor ground kit, base ground kit, and installation instructions.

Call 800-472-7373 for guying details.

TESSCO TECHNOLOGIES

Your Total Source

Complete Rohn 55G Guyed Towers

TOWER HEIGHT	70 MPH BASIC WIND SPEED (NO ICE)	90 MPH BASIC WIND SPEED (NO ICE)	110 MPH BASIC WIND SPEED (NO ICE)
100'	43280	48854	36244
110'	43286	43157	46373
120'	43288	43193	43081
130'	43294	43197	43093
140'	43300	41358	43114
150'	78820	84794	83516
160'	43304	21533	43131
170'	43308	43207	43133
180'	43309	80556	43152
190'	43313	43211	43153
200'	43330	25229	—
210'	43346	43212	—
220'	15726	43226	—
230'	43354	43231	—
240'	43392	43232	—
250'	92512	43233	—
260'	43377	43244	—
270'	43385	43250	—
280'	43386	75509	—
290'	43398	43258	—
300'	36951	43273	—
310'	43408	—	—
320'	13626	—	—
330'	87997	—	—
340'	66569	—	—
350'	96820	—	—
360'	43410	—	—
370'	43413	—	—
380'	43415	—	—
390'	43423	—	—
400'	75344	—	—

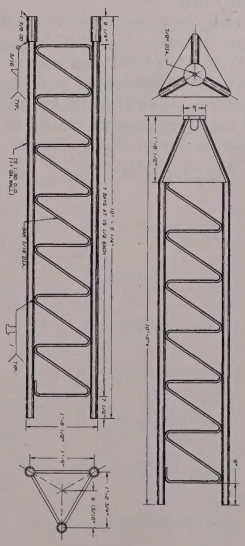
Design

The 55G tower provides excellent strength in heights to 400 feet. Because of its rugged design, the 55G satisfies a broad range of communication uses, particularly where unusual windloading and height requirements exist, and meets approved National Standard ANSI/EIA-222-E.

Construction and Finish

The 55G tower section is constructed on an 18-1/2-inch equilateral triangle pattern, using 1-1/2-inch high-strength tubing for the side rails. The zig-zag cross-bracing is formed from a continuous 7/16-inch solid steel rod electrically welded every 15-3/4 inches on the side rails. Each 10-foot section is sleeve-joined to the other and double-bolted to provide superior strength.

All parts are hot-dipped galvanized, inside and out, after fabrication, to protect all welding points against corrosion and provide a maintenance-free installation.



Kit Components

All items necessary for a complete, grounded, guyed tower are included in the TESSCO part number shown for the desired wind speed rating and tower height. Included are tower sections, top section, concrete base plate, pier pin, side arms, guy brackets, guy wire, big grips, rope thimbles, eye and eye turnbuckles, eye and jaw turnbuckles, safety kit, anchor rods, anchor ground kit, base ground kit, and installation instructions.

Call 800-472-7373 for guying details.

Complete Trylon Titan 1500 Series Guyed Towers

TOWER HEIGHT	100 MPH BASIC WIND SPEED (NO ICE)
32'	43901
40'	43903
48'	43918
56'	43919
64'	43923
72'	43928
80'	43947
88'	43955
96'	43959
104'	43969
112'	43971
120'	43987
128'	43990
136'	43995
144'	44015
152'	44016
160'	44018

Design

The Titan 1500 guyed towers are general-purpose communications, mobile radio, low-power TV, cellular/PCS, or telemetry towers which satisfy a variety of needs for applications from 32 to160 feet.

They are built on a 15-inch equilateral triangular design with preassembled cross-bracing. Each 8-foot section features six preassembled diagonal cross-braces that are bolted securely.

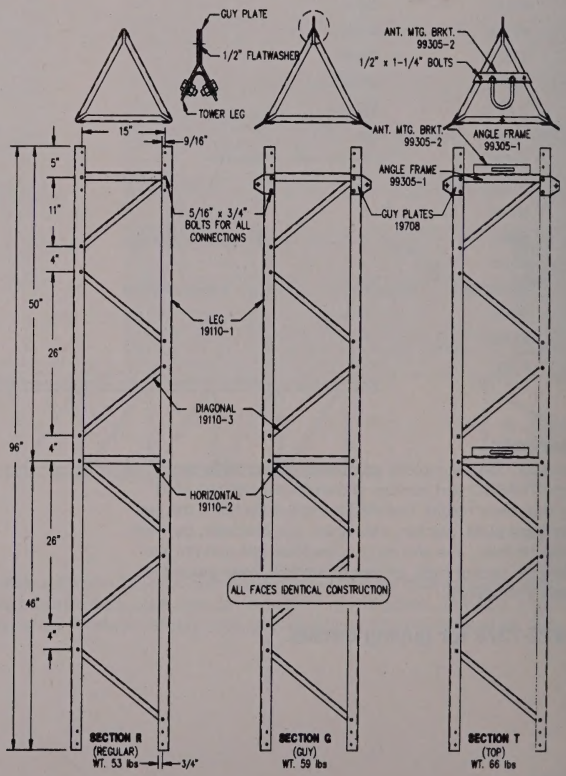
Construction and Finish

The Titan 1500 series of towers is sturdy and easy to install. Tower legs are bound with a rounded brace that tightly secures all three faces of the tower section. The eight-foot modular sections are quickly assembled with the supplied splice hardware. Also featured is a unique guy anchor rod with five holes to accommodate any application regardless of tower height.

All Titan 1500 towers have a galvanized finish on all tower members and pin base assembly to provide years of rust-free use.

Kit Components

All items necessary for a complete grounded, guyed tower are included in the TESSCO part number shown for a 100-MPH wind speed rating and the desired tower height. Included are regular sections, guyed sections, top section, pin base assembly, guy wire, ground kit, guy grips, shackles, jaw and eye thimbles, thimbles, and guy anchor rod.



Towers, General Purpose [450-10]

You'll also need these.

Tower Accessories . . . . . page 633
Guy Wire and Materials . . . . . page 634
Tower Tools and Paint . . . . . page 636
Exothermic Ground Connections . . . . . page 577
Wrenches . . . . . page 1581
Safety Equipment . . . . . page 1630

KENWOOD
COMMUNICATIONS

Need to coordinate personnel and equipment at your tower site? Choose the high-quality, high-value on-site radios, the Kenwood ProTalk® series.

Sections

25G top section for use with communication antenna. 2" OD pipe will fit snugly inside 2.25" OD tops. Use bushing with 2" OD pipes to accommodate 1.25" OD pipe.

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
51 CH	Rohn Tower 25AG 1 Year	25G 9' Top Section with 2" OD support tube 8.25" above apex.	120.00 31 14.09	91.20 88.80 86.40
43 CH	Rohn Tower 25AG3 1 Year	25G 9' Top Section with 2.25" OD support tube 12" above apex.	127.00 31 14.09	96.52 93.98 91.44
80 CH	Rohn Tower 25AG2 1 Year	25G 9' 9" Top Section with 2.25" OD support tube 18" above apex.	127.00 31 14.09	96.52 93.98 91.44

G Tower Sections

General purpose communications or heavy duty T.V. tower. Built on a 12-1/2" equilateral triangular design with continuous steel "Zig-Zag" crossbracing, entirely electrically welded and constructed with extra heavy-duty 1-1/4" steel tubing side rails. Every 25G recieves ROHN Hot Dip Galvanized long life finish to protect all points of construction and welding against corosion.

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
26 CH	Rohn Tower 25GWM 1 Year	25G Base Wall Mount	312.00 80 36.36	237.12 230.88 224.64
66 CH	Rohn Tower 25G 1 Year	25G 10' Tower Section	107.00 40 18.18	81.32 79.18 77.04
82 CH	Rohn Tower SBH25G 1 Year	3'4" Hinged Short base section. For use in concrete	116.00 14 6.36	89.90 86.42 83.52
66 CH	Rohn Tower SB25G 1 Year	25G 3'4" short base for use in concrete	45.00 10 4.54	34.88 33.53 32.40
59 CH	Rohn Tower SB25G5 1 Year	25G 5' short base for use in concrete	64.80 19 8.64	49.25 47.96 46.66
52 CH	Rohn Tower 25JBK 1 Year	25G Joint Bolt Kit Consists of 6 bolts and 6 nuts.	1.60 0.5 0.23	1.24 1.20 1.16

Self-Supporting Tower Top Sections

28718

Trylon top sections for Titan self-supporting towers. Top sections mate with regular sections that are one size larger. Includes nuts and bolts for assembly and support angle with U-bolt assembly for antenna mounting pipe. Also includes 8' antenna mounting pipe.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
28718 1 EACH	Trylon 4.95.0022.000 30 days	#2 Top Section	132.00 35 15.91	112.20 108.24 105.60
92290 1 EACH	Trylon 4.95.0032.000 30 days	#3 Top Section	137.00 45 20.45	116.45 112.34 109.60
79076 1 EACH	Trylon 4950042000A 30 days	#4 Top Section	157.00 50 22.72	133.45 128.74 125.60
65862 1 EACH	Trylon 4.95.0052.000 30 days	#5 Top Section	167.00 70 31.82	141.95 136.94 133.60
39434 1 EACH	Trylon 4950062000A 30 days	#6 Top Section	187.00 80 36.36	158.95 153.34 149.60
77827 1 EACH	Trylon 4950072000A 30 days	#7 Top Section	208.00 90 40.9	176.80 170.56 166.40
64613 1 EACH	Trylon 4950082000A 30 days	#8 Top Section	223.00 100 45.45	189.55 182.86 178.40

Self-Supporting Tower Sections

Trylon standard sections for Titan self-supporting towers. Standard sections mate with other sections in numeric order from the largest at the base of the tower to the smallest at the top. Includes nuts and bolts for assembly.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
74080 1 EACH	Trylon 4950031000A 30 days	#3 Standard Section	102.00 30 13.64	86.70 83.64 81.60
47652 1 EACH	Trylon 4.95.0041.000 30 days	#4 Standard Section	107.00 38 17.27	90.95 87.74 85.60
86045 1 EACH	Trylon 4950051000A 30 days	#5 Standard Section	117.00 44 20	99.45 95.94 93.60
34438 1 EACH	Trylon 4950061000A 30 days	#6 Standard Section	122.00 58 26.36	103.70 100.04 97.60
59617 1 EACH	Trylon 4.95.0071.000 30 days	#7 Standard Section	133.00 71 32.27	113.05 109.06 106.40
98010 1 EACH	Trylon 4950081000A 30 days	#8 Standard Section	148.00 78 35.45	125.80 121.36 118.40
46403 1 EACH	Trylon 4950091000A 30 days	#9 Standard Section	184.00 107 48.63	156.40 150.88 147.20
71582 1 EACH	Trylon 4950101000A 30 days	#10 Standard Section	209.00 133 60.45	177.65 171.38 167.20
19975 1 EACH	Trylon 4950111000A 30 days	#11 Standard Section	233.00 148 67.27	198.05 191.06 186.40
58368 1 EACH	Trylon 4.95.0121.000 30 days	#12 Standard Section	258.00 160 72.72	219.30 211.56 206.40
96761 1 EACH	Trylon 4950131000A 30 days	#13 Standard Section	320.00 190 86.36	272.00 262.40 256.00

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Section Splice Hardware

54763

Replacement splice hardware for the Titan self-supporting tower sections.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
54763 1 EACH	Trylon 4.78.0212.000 1 Year	Splices #2 standard or top section to a #3 section.	7.00 1 0.45	5.95 5.74 5.60
41549 1 EACH	Trylon 4.78.0211.000 1 Year	Splices #3 standard or top section to a #4 section.	7.00 1 0.45	5.95 5.74 5.60
79942 1 EACH	Trylon 4.78.0210.000 1 Year	Splices #4 standard or top section to a #5 section.	7.00 1 0.45	5.95 5.74 5.60
28335 1 EACH	Trylon 4.78.0209.000 1 Year	Splices #5 standard or top section to a #6 section.	7.00 1 0.45	5.95 5.74 5.60
66728 1 EACH	Trylon 4.78.0208.000 1 Year	Splices #6 standard or top section to a #7 section.	7.00 1 0.45	5.95 5.74 5.60
15121 1 EACH	Trylon 4.78.0207.000 1 Year	Splices #7 standard or top section to a #8 section.	8.00 1 0.45	6.80 6.56 6.40
53514 1 EACH	Trylon 4.78.0206.000 1 Year	Splices #8 standard or top section to a #9 section.	8.00 1 0.45	6.80 6.56 6.40
91907 1 EACH	Trylon 4.78.0205.000 1 Year	Splices #9 standard or top section to a #10 section.	9.00 1 0.45	7.65 7.38 7.20
40300 1 EACH	Trylon 4.78.0204.000 1 Year	Splices #10 standard section to a #11 section.	9.00 1 0.45	7.65 7.38 7.20
78693 1 EACH	Trylon 4.78.0203.000 1 Year	Splices #11 standard section to a #12 section.	13.00 1 0.45	11.05 10.66 10.40
27086 1 EACH	Trylon 4.78.0202.000 1 Year	Splices #12 standard section to a #13 section.	13.00 1 0.45	11.05 10.66 10.40
65479 1 EACH	Trylon 4.78.0201.000 1 Year	Splices #13 standard section to a pair of anchor stubs.	20.00 1 0.45	17.00 16.40 16.00

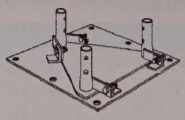
Guyed Tower Components

60540

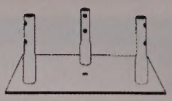
Trylon has three Titan guyed tower components. Regular sections secure to guyed sections and a top section for each tower is required for each tower. Top sections feature an antenna mounting bracket. Guyed sections have mounted guy plates for securing guy wire. All are eight foot sections.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
47326 1 EACH	Trylon 4950016000A 30 days	Guyed Tower Section	140.00 59 26.82	114.80 112.00 110.60
85719 1 EACH	Trylon 4950017000A 30 days	Top Tower Section	180.00 66 30	147.60 144.00 142.20
60540 1 EACH	Trylon 4.95.0015.000 30 days	Regular Tower Section	90.00 53 24.09	73.80 72.00 71.10

25G Base Plates



21695

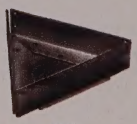


34909

51345

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
21695 1 EACH	Rohn Tower BPH25G 1 Year	25G Hinged Base plate -Requires four 46150 base bolts for installation	230.00 21 9.54	178 171 165
34909 1 EACH	Rohn Tower BPC25G 1 Year	25G Concrete Base Plate -Requires 67582 pier pin	73.50 14 6.36	55. 54. 52.
51345 1 EACH	Rohn Tower SDB25G 1 Year	25G Single drive base -Use on flat earth surface	123.50 20 9.09	95. 92. 88.

Pin Base Assembly for Titan Towers



88886

This assembly consists of a base plate and foundation bolt to be instal on a concrete base, and a "bolt-together" base frame assembly designe accept the Titan tower legs. The foundation bolt is to be cast into a c crete base. The base frame assembly mates with the base plate and pi Reference Trylon Drawing 000001.615.0011. This pin base design ena higher loading capacities.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
88886 1 EACH	Trylon 4.79.0101.000 1 Year	Titan Pin Base Assembly	200.00 40 18.18	170. 164 160.

Anchor Stub Legs

30691

Anchor stub legs are used for securing self-supporting Titan towers to a concrete f dation. Anchor stub legs are sold in packs of 3. Foundation materials are not include Foundation specs vary with tower size.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
30691 3 PACK	Trylon 4.81.0104.000 1 Year	#3 Section	75.00 15 6.82	63. 61. 60.
30564 3 PACK	Trylon 4.81.0105.000 1 Year	#4 Section	75.00 15 6.82	63. 61. 60.
68957 3 PACK	Trylon 4.81.0106.000 1 Year	#5 Section	95.00 19 8.64	80. 77. 76.
94263 3 PACK	Trylon 4.81.0107.000 1 Year	#6 Section	95.00 22 10	80. 77. 76.
80922 3 PACK	Trylon 4.81.0108.000 1 Year	#7 Section	95.00 24 10.91	80. 77. 76.
29315 3 PACK	Trylon 4.81.0109.000 1 Year	#8 Section	95.00 27 12.27	80. 77. 76.
67708 3 PACK	Trylon 4.81.0110.000 1 Year	#9 Section	125.00 29 13.18	106. 102. 100.
42656 3 PACK	Trylon 4.81.0111.000 1 Year	#10 Section	125.00 39 17.73	106. 102. 100.
17350 3 PACK	Trylon 4.81.0112.000 1 Year	#11 Section	125.00 42 19.09	106. 102. 100.
55743 3 PACK	Trylon 4.81.0113.000 1 Year	#12 Section	125.00 43 19.54	106. 102. 100.
94136 3 PACK	Trylon 4.81.0114.000 1 Year	#13 Section	125.00 47 21.36	106. 102. 100.

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se Foot Weldments

16228

Base foot weldments are used for securing self-supporting Titan towers to a flat roof, concrete slab, or solid rock. Sold in packs of 3, base foot weldments are secured with a total of 6 rock bolts that are sold separately.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
28 CK	Trylon 4.82.0104.000 1 Year	Fits #3 Section	125.00 12 5.45	106.25 102.50 100.00
99 CK	Trylon 4.82.0105.000 1 Year	Fits #4 Section	125.00 12 5.45	106.25 102.50 100.00
992 CK	Trylon 4.82.0106.000 1 Year	Fits Section #5	190.00 12 5.45	161.50 155.80 152.00
014 CK	Trylon 4.82.0107.000 1 Year	Fits #6 Section	190.00 12 5.45	161.50 155.80 152.00
988 CK	Trylon 4.82.0108.000 1 Year	Fits Section #7	190.00 12 5.45	161.50 155.80 152.00
027 CK	Trylon 4.82.0109.000 1 Year	Fits Section #8	190.00 18 8.18	161.50 155.80 152.00
206 CK	Trylon 4.82.0110.000 1 Year	Fits Section #9	240.00 18 8.18	204.00 196.80 192.00
407 CK	Trylon 4.82.0111.000 1 Year	Fits Section #10	240.00 33 15	204.00 196.80 192.00
385 CK	Trylon 4.82.0112.000 1 Year	Fits Section #11	240.00 33 15	204.00 196.80 192.00
778 CK	Trylon 4.82.0113.000 1 Year	Fits Section #12	240.00 33 15	204.00 196.80 192.00
171 CK	Trylon 4.82.0114.000 1 Year	Fits Section #13	240.00 20.54 9.34	204.00 196.80 192.00
590 CK	Trylon 4.80.0100.100 30 days	Rock Bolts for Sections 3 - 6	105.00 12 5.45	89.25 86.10 84.00
008 CK	Trylon 4.80.0101.100 30 days	Rock Bolts for Sections 7 and 8	90.00 14 6.36	76.50 73.80 72.00
983 CK	Trylon 4.80.0102.100 30 days	Rock Bolts for Sections 9, 10, 11, & 12	165.00 14 6.36	140.25 135.30 132.00
376 CK	Trylon 4.80.0102.200 30 days	Rock Bolts for Section 13	330.00 28 12.73	280.50 270.60 264.00

G Roof Mounts

17948

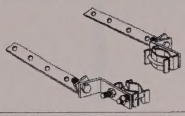
No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
948 CH	Rohn Tower FR25G 1 Year	25G Flat roof mount	127.00 24 10.91	98.43 94.62 91.44

Drive Rods

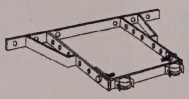
46150

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
46150 1 EACH	Rohn Tower 1/2X12BB 1 Year	Concrete base bolts w/ double nut used with 21695 hinged plate.	3.30 0.5 0.23	2.56 2.46 2.38

25G House & Eave Brackets



32411



81156

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
32411 1 EACH	Rohn Tower EB2525G 1 Year	25G Unversial Eave Bracket (2 pieces)	38.00 7 3.18	29.45 28.31 27.36
81156 1 EACH	Rohn Tower HB25AG 1 Year	25G Adjustable House Bracket. Spacing adjustable from 0-15".	57.00 8 3.64	44.18 42.47 41.04
80271 1 EACH	Rohn Tower HB25BG 1 Year	25G Adjustable House Bracket. Spacing adjustable from 0-24".	62.00 11 5	48.05 46.19 44.64
28664 1 EACH	Rohn Tower HB25CG 1 Year	25G Adjustable House Bracket. Spacing adjustable from 0-36".	73.60 17 7.73	57.04 54.84 53.00

45G Guy Bracket and Accessories

94734

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
76524 1 EACH	Rohn Tower TA25 1 Year	25G Torque Arm Stabilizer	192.00 35 15.91	148.80 143.04 138.24
94734 1 EACH	Rohn Tower GA25GD 1 Year	25G Guy Bracket -Can be used with optional torque bars (63310)	76.00 10.25 4.66	58.90 56.62 54.72

25G Side Arm Mount

23668

For UHF and FM antennas.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
23668 1 EACH	Rohn Tower UHF25G 1 Year	25G side arm mount	28.90 4 1.82	22.40 21.54 20.81

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25G Tower Accessories

31687

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
31687 1 EACH	Rohn Tower 25ACL3 1 Year	25G Anti-Climb Sheets	216.00 65 29.54	167.40 160.92 155.52
20137 1 EACH	Rohn Tower AS25G 1 Year	25G Accessory Shelf for Ham rotors.	44.50 4 1.82	34.49 33.16 32.04

Titan Tower Accessories

65337

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
65337 1 EACH	Trylon 4.92.0104.000 30 days	#4 Titan Anti-Climb Sheets	170.00 33.33 15.15	144.50 139.40 136.00
13730 1 EACH	Trylon 4.92.0105.000 30 days	#5 Titan Anti-Climb Sheets	170.00 33.33 15.15	144.50 139.40 136.00
52123 1 EACH	Trylon 4.92.0106.000 30 days	#6 Titan Anti-Climb Sheets	190.00 33.33 15.15	161.50 155.80 152.00
90516 1 EACH	Trylon 4.92.0107.000 30 days	#7 Titan Anti-Climb Sheets	190.00 33.33 15.15	161.50 155.80 152.00
38909 1 EACH	Trylon 4.92.0108.000 30 days	#8 Titan Anti-Climb Sheets	210.00 33.33 15.15	178.50 172.20 168.00
77302 1 EACH	Trylon 4.92.0109.000 30 days	#9 Titan Anti-Climb Sheets	210.00 33.33 15.15	178.50 172.20 168.00
25695 1 EACH	Trylon 4.92.0110.000 30 days	#10 Titan Anti-Climb Sheets	230.00 33.33 15.15	195.50 188.60 184.00
64088 1 EACH	Trylon 4.92.0111.000 30 days	#11 Titan Anti-Climb Sheets	230.00 33.33 15.15	195.50 188.60 184.00
12481 1 EACH	Trylon 4.92.0112.000 30 days	#12 Titan Anti-Climb Sheets	250.00 33.33 15.15	212.50 205.00 200.00
50874 1 EACH	Trylon 4.92.0113.000 30 days	#13 Titan Anti-Climb Sheets	250.00 210 95.44	212.50 205.00 200.00

Titan Tower Accessories

88018

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
88018 1 EACH	Trylon 4.86.0101.000 30 days	Titan Dual Mounting Pipe Flood Light Support	100.00 33.33 15.15	85.00 82.00 80.00

Towers, Heavy Duty Sections [450-12]

If you are buying these, you might need:

Lightning Protectors and Air Terminals . . . . . page 54
Exothermic Ground Connections . . . . . page 57
Grounding Systems . . . . . page 56
Lightning Conductors & Air Terminals . . . . . page 57

45G Tower Sections

General purpose communications tower section. Constructed on an 18" equilateral triangle pattern using 1-1/4 steel tubing. "Zig-Zag" cross bracing is formed from a con uous 7/16" solid steel rod electrically welded every 15-3/ on the side rails. Each section is sleeve joined to the othe and double bolted to provide superior strength.

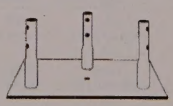
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
39905 1 EACH	Rohn Tower 45G 1 Year	45G 10' Tower Section	251.00 70 31.82	190. 185. 180.
12952 1 EACH	Rohn Tower SB45G 1 Year	45G 5' short base	99.50 35 15.91	75. 73. 71.
78298 1 EACH	Rohn Tower 45JBK 1 Year	45G Joint Bolt Kit. Consists of 6 bolts and 6 nuts.	3.50 0.75 0.34	2.7 2.6 2.5

45G Top Sections

45G top section for use with communication antenna. Su port tube extends above apex of side rails.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
53119 1 EACH	Rohn Tower 45AG3 1 Year	45G Top Section. 2-1/4" O.D. Support tube that extends 12". 2"OD antenna stub will fit inside support tube.	255.50 70 31.82	194. 189. 183.
14726 1 EACH	Rohn Tower 45AG2 1 Year	45G Top section. 2-3/8" O.D. Support tube that extends 18". 36" total length.	255.50 60 27.27	194. 189. 183.

45G Base Plates



Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
73302 1 EACH	Rohn Tower BPC45G 1 Year	45G Concrete Base Plate (Requires one 67582 pier pin for installation).	112.50 39 17.73	85.5 83.2 81.0

Towers

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y Bracket

Can be used with optional tourque bars (49372).

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
27 CH	Rohn Tower GA45GD 1 Year	45G Guy Bracket	101.50 23 10.45	78.67 75.62 73.08

Guy Bracket

Can be used with optional torque bars (sku 87613).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
32301 1 EACH	Rohn Tower GA55GD 1 Yr.	55G Guy Bracket	129.50 27 12.27	110.08 106.19 101.01

G Tower Accessories

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
33 CH	Rohn Tower 455ACL3 1 Year	45G Anti-Climb Sheets. Bolts on bottom section. Set of 3 sheets. (sheets are 21" W by 111" L)	248.00 120 54.54	192.20 184.76 178.56

55G Tower Accessories

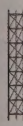
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
62586 1 EACH	Rohn Tower APL55G 1 Year	55G Beacon Plate	101.00 20 9.09	78.28 75.25 72.72

Towers, 55G & 65G [450-13]

If you are buying these, you may need:

Lightning Protectors and Air Terminals . . . . . page 546
Exothermic Ground Connections . . . . . page 577
Grounding Systems . . . . . page 560
Lightning Conductors & Air Terminals . . . . . page 576
Body Protection Gear . . . . . page 1632
Hard Hats . . . . . page 1641

G Tower Sections



Heavy duty communications tower section. Constructed on a 18-1/2" equilateral triangle pattern, utilizing 1-1/2" high strength tubing for the side rails. Zig-Zag cross bracing is formed from a continuous 7/16" solid steel rod electrically welded every 15-3/4" on the side rails. Each 10' section is sleeve joined to the other and double bolted to provide superior strength. All sections are hot dipped galvanized, inside and out.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
56 CH	Rohn Tower 55G 1 Year	55G 10' Tower Section	325.50 100 45.45	252.27 242.50 234.36
37 CH	Rohn Tower SB55G 1 Year	55G 5' short base	120.00 45 20.45	102.00 98.40 93.60
31 CH	Rohn Tower 55JBK 1 Year	55G Joint Bolt Kit. Consists of 6 nuts and 6 bolts.	4.30 1 0.45	3.34 3.21 3.10

Self-Supporting Towers [450-15]

If you are buying these you may need:

Elliptical Waveguide . . . . . page 388
Exothermic Ground Connections . . . . . page 577
Grounding Systems . . . . . page 560
Lightning Conductors & Air Terminals . . . . . page 576

T-200 Self Supporting Towers

Every tower is different. That's why Titan Towers are designed in easy to assemble pre-engineered 8' sections. This allows you to match your height and load requirements to your area. The result is a safe, reliable, affordable tower that will give years of maintenance free service. The T-200 series should be used in 70 MPH wind areas only with a maximum wind load of 15 sq.ft. round member/ 9 sq.ft. flat plate equivilent.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
26419 1 EACH	Trylon 4.95.0201.000 1 Year	16' self-supporting tower.Includes anchor stub legs.	309.00 71 32.27	262.65 253.38 247.20
471155 1 EACH	Trylon 4.95.0201.000 1 Year	16' self-supporting tower.Includes anchor stub legs.	295.00 71 32.27	250.75 241.90 236.00
39633 1 EACH	Trylon 4.95.0202.000 1 Year	24' self-supporting tower.Includes anchor stub legs.	416.00 119 54.09	353.60 341.12 332.80
436059 1 EACH	Trylon 4.95.0203.000 1 Year	32' self-supporting tower.Includes anchor stub legs.	525.00 167 75.9	446.25 430.50 414.75
471024 1 EACH	Trylon 4.95.0204.000 1 Year	40' self-supporting tower.Includes anchor stub legs.	675.00 232 105.44	573.75 553.50 540.00
469001 1 EACH	Trylon 4.95.0205.000 1 Year	48' self-supporting tower.Includes anchor stub legs.	808.00 310 140.9	686.80 662.56 646.40
466067 1 EACH	Trylon 4.95.0206.000 1 Year	56' self-supporting tower.Includes anchor stub legs.	956.00 391 177.71	812.60 783.92 764.80
477051 1 EACH	Trylon 4.95.0207.000 1 Year	64' self-supporting tower.Includes anchor stub legs.	1,170.00 515 234.07	994.50 959.40 936.00
418027 1 EACH	Trylon 4.95.0208.000 1 Year	72' self-supporting tower.Includes anchor stub legs.	1,379.00 647 294.06	1,172.15 1,130.78 1,103.20

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
458012 1 EACH	Trylon 4.95.0209.000 1 Year	80' self-supporting tower.Includes anchor stub legs.	1,612.00 795 361.33	1,370.20 1,321.84 1,289.60
416025 1 EACH	Trylon 4.95.0210.000 1 Year	88' self-supporting tower.Includes anchor stub legs.	1,870.00 953 433.14	1,589.50 1,533.40 1,496.00
434092 1 EACH	Trylon 4.95.0211.000 1 Year	96' self-supporting tower.Includes anchor stub legs.	2,190.00 1215 552.22	1,861.50 1,795.80 1,752.00

T-300 Self Supporting Towers

T-300 series self-supporting towers can be used in 70 MPH wind areas with a maximum wind load of 22 sq. ft. round member/ 13.2 sq. ft. flat plate equivalent. They can be used in 85 MPH wind areas with a maximum load of 6 sq. ft. round member/ 3.60 sq. ft. flat plate equivalent.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
10707 1 EACH	Trylon 4.95.0301.000 1 Year	16' self-supporting tower.Includes anchor stub legs.	319.00 93 42.27	271.15 261.58 255.20
442133 1 EACH	Trylon 4.95.0301.000 1 Year	16' self-supporting tower.Includes anchor stub legs.	305.00 93 42.27	259.25 250.10 244.00
442029 1 EACH	Trylon 4.95.0302.000 1 Year	24' self-supporting tower.Includes anchor stub legs.	435.00 137 62.27	369.75 356.70 348.00
462130 1 EACH	Trylon 4.95.0303.000 1 Year	32' self-supporting tower.Includes anchor stub legs.	550.00 218 99.08	467.50 451.00 440.00
470042 1 EACH	Trylon 4.95.0304.000 1 Year	40' self-supporting tower.Includes anchor stub legs.	711.00 290 131.8	604.35 583.02 568.80
NEW 454119 1 EACH	Trylon 4.95.0305.000 1 Year	48' self-supporting tower.Includes anchor stub legs.	815.00 373 169.53	692.75 668.30 652.00
468194 1 EACH	Trylon 4.95.0306.000 1 Year	56' self-supporting tower.Includes anchor stub legs.	1,020.00 495 224.98	867.00 836.40 816.00
453024 1 EACH	Trylon 4.95.0307.000 1 Year	64' self-supporting tower. Includes anchor stub legs.	1,282.00 627 284.97	1,089.70 1,051.24 1,025.60
427018 1 EACH	Trylon 4.95.0308.000 1 Year	72' self-supporting tower.Includes anchor stub legs.	1,515.00 775 352.24	1,287.75 1,242.30 1,212.00
434088 1 EACH	Trylon 4.95.0309.000 1 Year	80' self-supporting tower. Includes anchor stub legs.	1,685.00 933 424.05	1,432.25 1,381.70 1,348.00
442086 1 EACH	Trylon 4.95.0310.000 1 Year	88' self-supporting tower.Includes anchor stub legs.	2,093.00 1195 543.13	1,779.05 1,716.26 1,674.40

T-400 Self Supporting Towers

T-400 series self-supporting towers can be used in 70 MPH wind areas with a maximum wind load of 34 sq. ft. round member/ 20.4 sq. ft. flat plate equivalent. They can be used in 85 MPH wind areas with a maximum load of 12 sq. ft. round member/ 7.20 sq. ft. flat plate equivalent.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
21423 1 EACH	Trylon 4.95.0401.000 1 Year	16' self-supporting tower.Includes anchor stub legs.	369.00 111 50.45	313.65 302.58 295.20
490167 1 EACH	Trylon 4.95.0401.000 1 Year	16' self-supporting tower.Includes anchor stub legs.	355.00 111 50.45	301.75 291.10 284.00
73030 1 EACH	Trylon 4950402000A 1 Year	24' self-supporting tower.Includes anchor stub legs.	491.00 176 79.99	417.35 402.62 392.80
34637 1 EACH	Trylon 4.95.0403.000 1 Year	32' self-supporting tower.Includes anchor stub legs.	624.00 266 120.9	530.40 511.68 499.20

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-
86244 1 EACH	Trylon 4.95.0404.000 1 Year	40' self-supporting tower.Includes anchor stub legs.	772.00 345 156.8	656 633 617
443089 1 EACH	Trylon 4.95.0405.000 1 Year	48' self-supporting tower.Includes anchor stub legs.	986.00 470 213.62	838 808 788
410036 1 EACH	Trylon 4.95.0406.000 1 Year	56' self-supporting tower.Includes anchor stub legs.	1,195.00 605 274.97	1,01 979 956
74279 1 EACH	Trylon 4.95.0407.000 1 Year	64' self-supporting tower.Includes anchor stub legs.	1,428.00 755 343.15	1,21 1,17 1,14
460072 1 EACH	Trylon 4.95.0409.000 1 Year	80' self-supporting tower. Includes anchor stub legs.	1,905.00 1126 511.77	1,61 1,56 1,52

T-500 Self Supporting Towers

T-500 series self-supporting towers can be used in 70 MP wind areas with a maximum wind load of 45 sq. ft. round member/ 27.0 sq. ft. flat plate equivalent. They can be use 85 MPH wind areas with a maximum load of 22 sq. ft. rou member/ 13.2 sq. ft. flat plate equivalent. They can also wi stand a maximum wind load of 6 sq. ft. round member/ 3. ft. flat plate equivalent in 100 MPH wind areas.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
68034 1 EACH	Trylon 4.95.0501.000 1 Year	16' self-supporting tower.Includes anchor stub legs.	384.00 160 72.72	326 314 307
29641 1 EACH	Trylon 4.95.0502.000 1 Year	24' self-supporting tower.Includes anchor stub legs.	517.00 220 99.99	439 423 413
94462 1 EACH	Trylon 4.95.0503.000 1 Year	32' self-supporting tower.Includes anchor stub legs.	665.00 315 143.17	565 545 532
471012 1 EACH	Trylon 4.95.0504.000 1 Year	40' self-supporting tower.Includes anchor stub legs.	879.00 420 190.89	747 720 703
459008 1 EACH	Trylon 4.95.0505.000 1 Year	48' self-supporting tower.Includes anchor stub legs.	1,088.00 555 252.25	924 892 870
419001 1 EACH	Trylon 4.95.0506.000 1 Year	56' self-supporting tower.Includes anchor stub legs.	1,321.00 705 320.42	1,12 1,08 1,05
466055 1 EACH	Trylon 4.95.0507.000 1 Year	64' self-supporting tower.Includes anchor stub legs.	1,579.00 860 390.87	1,34 1,29 1,26
482087 1 EACH	Trylon 4.95.0508.000 1 Year	72' self-supporting tower. Includes anchor stub legs.	1,805.00 1120 509.04	1,53 1,48 1,44

T-600 Self Supporting Towers

T-600 series self-supporting towers can be used in 70 MP wind areas with a maximum wind load of 60 sq. ft. round member/ 36.0 sq. ft. flat plate equivalent. They can be used 85 MPH wind areas with a maximum load of 35 sq. ft. rou member/ 21.0 sq. ft. flat plate equivalent. They can also wi stand a maximum wind load of 15 sq. ft. round member/ 9 ft. flat plate equivalent in 100 MPH wind areas.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
78750 1 EACH	Trylon 4.95.0601.000 1 Year	16' self-supporting tower.Includes anchor stub legs.	415.00 195 88.63	352. 340. 332.
40357 1 EACH	Trylon 4.95.0602.000 1 Year	24' self-supporting tower.Includes anchor stub legs.	563.00 295 134.08	478. 461. 450.
419117 1 EACH	Trylon 4.95.0603.000 1 Year	32' self-supporting tower.Includes anchor stub legs.	745.00 405 184.07	633. 610. 596.
454022 1 EACH	Trylon 4.95.0604.000 1 Year	40' self-supporting tower.Includes anchor stub legs.	986.00 520 236.34	838. 808. 788.
15178 1 EACH	Trylon 4.95.0605.000 1 Year	48' self-supporting tower.Includes anchor stub legs.	1,219.00 670 304.52	1,036 999. 975.

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ing product table (2 of 2)

lo. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
95 CH	Trylon 4.95.0606.000 1 Year	56' self-supporting tower.Includes anchor stub legs.	1,410.00 820 372.69	1,198.50 1,156.20 1,128.00
44 CH	Trylon 4.95.0607.000 1 Year	64' self-supporting tower.Includes anchor stub legs.	1,797.00 1080 490.86	1,527.45 1,473.54 1,437.60

00 Self Supporting Towers

T-700 series self-supporting towers can be used in 70 MPH wind areas with a maximum wind load of 80 sq. ft. round member/ 48.0 sq. ft. flat plate equivalent. They can be used in 85 MPH wind areas with a maximum load of 45 sq. ft. round member/ 27.0 sq. ft. flat plate equivalent. They can also withstand a maximum wind load of 25 sq. ft. round member/ 15 sq. ft. flat plate equivalent in 100 MPH wind areas.

lo. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
01 CH	Trylon 4.95.0701.000 1 Year	16' self-supporting tower.Includes anchor stub legs.	451.00 235 106.81	383.35 369.82 360.80
08 CH	Trylon 4.95.0702.000 1 Year	24' self-supporting tower.Includes anchor stub legs.	665.00 324 147.26	565.25 545.30 532.00
86 CH	Trylon 4.95.0703.000 1 Year	32' self-supporting tower.Includes anchor stub legs.	874.00 453 205.89	742.90 716.68 699.20
12 CH	Trylon 4.95.0704.000 1 Year	40' self-supporting tower.Includes anchor stub legs.	1,107.00 598 271.79	940.95 907.74 885.60
29 CH	Trylon 4.95.0705.000 1 Year	48' self-supporting tower.Includes anchor stub legs.	1,365.00 753 342.24	1,160.25 1,119.30 1,092.00
38 CH	Trylon 4.95.0706.000 1 Year	56' self-supporting tower.Includes anchor stub legs.	1,685.00 1015 461.32	1,432.25 1,381.70 1,348.00

00 Self Supporting Towers

T-800 series self-supporting towers can be used in 70 MPH wind areas with a maximum wind load of 80 sq. ft. round member/ 48.0 sq. ft. flat plate equivalent. They can be used in 85 MPH wind areas with a maximum load of 45 sq. ft. round member/ 27.0 sq. ft. flat plate equivalent. They can also withstand a maximum wind load of 25 sq. ft. round member/ 15 sq. ft. flat plate equivalent in 100 MPH wind areas.

lo. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
78 CH	Trylon 4.95.0801.000 1 Year	16' self-supporting tower.Includes anchor stub legs.	515.00 268 121.81	437.75 422.30 412.00
73 CH	Trylon 4.95.0802.000 1 Year	24' self-supporting tower.Includes anchor stub legs.	741.00 381 173.16	629.85 607.62 592.80
62 CH	Trylon 4.95.0803.000 1 Year	32' self-supporting tower.Includes anchor stub legs.	974.00 526 239.07	827.90 798.68 779.20
31 CH	Trylon 4.95.0804.000 1 Year	40' self-supporting tower.Includes anchor stub legs.	1,232.00 681 309.51	1,047.20 1,010.24 985.60
99 CH	Trylon 4.95.0805.000 1 Year	48' self-supporting tower.Includes anchor stub legs.	1,552.00 945 429.5	1,319.20 1,272.64 1,241.60

crete Base Sections

Trylon 4' tall concrete base section acts as a "template" and allows the base to be poured without having to attach the bottom 8 foot section. As a result, you can set this 4 foot short foundation section in the hole, make sure that it's level and then proceed to pour the concrete. Use this section instead of the stub legs that come with the tower.

ing product table (1 of 2)

lo. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
V 70 CH	Trylon 4.81.0214.000 1 Year	4 foot high concrete base section for use with Section 13.	220.00 95 43.18	187.00 180.40 176.00

Continuing product table (2 of 2)

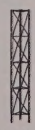
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 476248 1 EACH	Trylon 4.81.0213.000 1 Year	4 foot high concrete base section for use with Section 12.	180.00 80 36.36	153.00 147.60 144.00
NEW 457228 1 EACH	Trylon 4.81.0212.000 1 Year	4 foot high concrete base section for use with Section 11.	160.00 74 33.63	136.00 131.20 128.00
NEW 449225 1 EACH	Trylon 4.81.0211.000 1 Year	4 foot high concrete base section for use with Section 10.	145.00 67 30.45	123.25 118.90 116.00
NEW 498282 1 EACH	Trylon 4.81.0210.000 1 Year	4 foot high concrete base section for use with Section 9.	130.00 54 24.54	110.50 106.60 104.00
NEW 438222 1 EACH	Trylon 4.81.0209.000 1 Year	4 foot high concrete base section for use with Section 8.	110.00 39 17.73	93.50 90.20 88.00
NEW 498200 1 EACH	Trylon 4.81.0208.000 1 Year	4 foot high concrete base section for use with Section 7.	95.00 36 16.36	80.75 77.90 76.00
NEW 466283 1 EACH	Trylon 4.81.0207.000 1 Year	4 foot high concrete base section for use with Section 6.	95.00 29 13.18	80.75 77.90 76.00
NEW 451291 1 EACH	Trylon 4.81.0206.000 1 Year	4 foot high concrete base section for use with Section 5.	95.00 22 10	80.75 77.90 76.00
NEW 477234 1 EACH	Trylon 4.81.0205.000 1 Year	4 foot high concrete base section for use with Section 4.	85.00 19 8.64	72.25 69.70 68.00
NEW 422253 1 EACH	Trylon 4.81.0204.000 1 Year	4 foot high concrete base section for use with Section 3.	85.00 15 6.82	72.25 69.70 68.00

Complete Guyed Towers [450-16]

If you are buying these, you may need:

Lightning Protectors and Air Terminals . . . . . page 546
Exothermic Ground Connections . . . . . page 577
Grounding Systems . . . . . page 560
Wrenches . . . . . page 1581

Rohn 25G Towers



General purpose communications, or heavy duty TV tower. The 25G 12-1/2 inch equilateral triangle design, with continuous zig-zag cross bracing, is electronically welded. The heavy duty 1-1/4 inch steel tubing side rails, continuous solid rod bracing, and eight zig-zag braces per 10 foot section create a rugged structure.

- Meets ANSI/EIA-222-D
- 12-1/2" triangle design
- 1-1/4" steel tubing side rails
- Can be self supporting if "house bracket" is used
- Can rise 35 feet above the bracket (in normal conditions)
- Up to 190 feet if guyed
- All sections are hot dip galvanized, inside and out

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Tower Series	Height	Max Wind MPH Max Flat Plate	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
80467 1 EACH	Rohn Tower 25G110D040 1 Year	25G	40'	70, 90 & 110 11.0, 6.7 & 5.6	1,302.40 312 141.8	1,107.04 1,067.97 1,015.88
33755 1 EACH	Rohn Tower 25G110D050 1 Year	25G	50'	70, 90 & 110 10.5, 8.3 & 5.0	1,613.80 398 180.89	1,371.73 1,323.32 1,258.77
36037 1 EACH	Rohn Tower 25G110D060 1 Year	25G	60'	70, 90 & 110 10.0, 6.1 & 4.9	1,734.30 447 203.16	1,474.16 1,422.13 1,352.76
79840 1 EACH	Rohn Tower 25G110D070 1 Year	25G	70'	70, 90 & 110 9.7, 5.9 & 4.8	1,854.80 495 224.98	1,576.58 1,520.94 1,446.75
42722 1 EACH	Rohn Tower 25G90D080 1 Year	25G	80'	70 & 90 9.4 & 5.7	2,239.70 584 265.43	1,903.75 1,836.56 1,746.97
44906 1 EACH	Rohn Tower 25G110D080 1 Year	25G	80'	110 4.7	2,244.20 587 266.79	1,907.57 1,840.25 1,750.48
42719 1 EACH	Rohn Tower 25G90D090 1 Year	25G	90'	70 & 90 9.2 & 5.6	2,364.70 635 288.61	2,010.00 1,939.06 1,844.47
99636 1 EACH	Rohn Tower 25G110D090 1 Year	25G	90'	110 4.6	2,373.70 641 291.33	2,017.65 1,946.44 1,851.49

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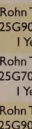
Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Tower Series	Height	Max Wind MPH Max Flat Plate	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
40398 1 EACH	Rohn Tower 25G90D0100 1 Year	25G	100'	70 & 90 9.0 & 5.4	2,489.70 686 311.79	2,116.25 2,041.56 1,941.97
74700 1 EACH	Rohn Tower 25G110D100 1 Year	25G	100'	110 4.5	2,494.20 689 313.15	2,120.07 2,045.25 1,945.48
42590 1 EACH	Rohn Tower 25G90D0110 1 Year	25G	110'	70 & 90 8.8 & 5.3	2,614.70 737 334.97	2,222.50 2,144.06 2,039.47
81768 1 EACH	Rohn Tower 25G90D0120 1 Year	25G	120'	70 & 90 8.6 & 5.2	3,056.60 851 386.78	2,598.11 2,506.42 2,384.15
68050 1 EACH	Rohn Tower 25G70D130 1 Year	25G	130'	70 8.5	3,186.10 904 410.87	2,708.19 2,612.61 2,485.16
42614 1 EACH	Rohn Tower 25G90D0130 1 Year	25G	130'	90 5.1	3,195.10 904 410.87	2,715.84 2,619.99 2,492.18
37482 1 EACH	Rohn Tower 25G70D140 1 Year	25G	140'	70 8.3	3,315.60 957 434.96	2,818.26 2,718.80 2,586.17
42645 1 EACH	Rohn Tower 25G90D0140 1 Year	25G	140'	90 5.0	3,315.60 957 434.96	2,818.26 2,718.80 2,586.17
18677 1 EACH	Rohn Tower 25G70D0150 1 Year	25G	150'	70 8.2	3,754.50 1077 489.5	3,191.33 3,078.69 2,928.51
30191 1 EACH	Rohn Tower 25G90D0150 1 Year	25G	150'	90 5.0	4,126.50 1108 503.59	3,507.53 3,383.73 3,218.67
42606 1 EACH	Rohn Tower 25G70D0160 1 Year	25G	160'	70 8.1	3,902.00 1140 518.13	3,316.70 3,199.64 3,043.56
65555 1 EACH	Rohn Tower 25G90D160 1 Year	25G	160'	90 4.9	4,274.00 1172 532.67	3,632.90 3,504.68 3,333.72
57070 1 EACH	Rohn Tower 25G70D170 1 Year	25G	170'	70 8.0	4,040.50 1198 544.49	3,434.43 3,313.21 3,151.59
42646 1 EACH	Rohn Tower 25G90D170 1 Year	25G	170'	90 4.8	4,951.10 1314 597.21	4,208.44 4,059.91 3,861.86
24268 1 EACH	Rohn Tower 25G70D180 1 Year	25G	180'	70 7.9	4,147.50 1249 567.67	3,525.38 3,400.95 3,235.05
42649 1 EACH	Rohn Tower 25G90D180 1 Year	25G	180'	90 4.8	5,098.60 1370 622.67	4,333.81 4,180.86 3,976.91
42611 1 EACH	Rohn Tower 25G70D0190 1 Year	25G	190'	70 7.8	4,317.50 1315 597.67	3,669.88 3,540.35 3,367.65
42655 1 EACH	Rohn Tower 25G90D190 1 Year	25G	190'	90 7.8	5,232.60 1433 651.3	4,447.71 4,290.74 4,081.43

Rohn 45G Towers



Multi-use structure for applications to 300 feet. The 45G 18 inch equilateral triangle design, with continuous zig-zag cross bracing, is electronically welded. The heavy duty 1-1/4 inch steel tubing side rails, continuous solid rod bracing, and eight zig-zag braces per 10 foot section create a rugged structure. Each section is sleeve joined with two bolts for strength.

- Meets ANSI/EIA-222-D
- 18" triangle design
- 1-1/4" steel tubing side rails
- Up to 300 feet (guyed)
- All sections are hot dip galvanized, inside and out

Continuing product table (1 of 4)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Tower Series	Height	Max Wind MPH Max Flat Plate	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
42941 1 EACH	Rohn Tower 45G70D040 1 Year	45G	40'	70 11.3	2,249.90 531 241.34	1,912.42 1,844.92 1,754.93
42702 1 EACH	Rohn Tower 45G90D040 1 Year	45G	40'	90 10.8	2,297.90 535 243.16	1,953.22 1,884.28 1,792.37
42856 1 EACH	Rohn Tower 45G110D040 1 Year	45G	40'	110 6.5	2,275.70 535 243.16	1,934.35 1,866.08 1,775.05
95639 1 EACH	Rohn Tower 45G70D050 1 Year	45G	50'	70 10.6	2,509.90 606 275.43	2,133.42 2,058.12 1,957.73

Continuing product table (2 of 4)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Tower Series	Height	Max Wind MPH Max Flat Plate	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
36339 1 EACH	Rohn Tower 45G90D050 1 Year	45G	50'	90 10.1	2,560.90 611 277.7	2,176 2,099 1,997
42851 1 EACH	Rohn Tower 45G110D050 1 Year	45G	50'	110 6.0	2,538.70 611 277.7	2,157 2,081 1,980
42949 1 EACH	Rohn Tower 45G70D060 1 Year	45G	60'	70 10.0	2,765.40 679 308.61	2,350 2,267 2,157
87644 1 EACH	Rohn Tower 45G90D060 1 Year	45G	60'	90 9.5	3,058.90 745 338.6	2,600 2,508 2,385
42833 1 EACH	Rohn Tower 45G110D060 1 Year	45G	60'	110 5.3	3,064.90 748 339.97	2,605 2,513 2,390
42953 1 EACH	Rohn Tower 45G70D070 1 Year	45G	70'	70 9.5	3,264.30 817 371.33	2,774 2,676 2,546
42737 1 EACH	Rohn Tower 45G90D070 1 Year	45G	70'	90 9.1	3,330.90 827 375.87	2,831 2,731 2,598
42835 1 EACH	Rohn Tower 45G110D070 1 Year	45G	70'	110 5.5	3,326.40 827 375.87	2,827 2,727 2,594
42958 1 EACH	Rohn Tower 45G70D080 1 Year	45G	80'	70 9.1	3,519.80 890 404.5	2,991 2,886 2,745
42746 1 EACH	Rohn Tower 45G90D080 1 Year	45G	80'	90 8.7	3,598.40 906 411.78	3,058 2,950 2,806
42847 1 EACH	Rohn Tower 45G110D080 1 Year	45G	80'	110 5.3	3,598.40 906 411.78	3,058 2,950 2,806
42962 1 EACH	Rohn Tower 45G70D090 1 Year	45G	90'	70 8.8	3,788.80 970 440.86	3,220 3,106 2,955
42763 1 EACH	Rohn Tower 45G90D090 1 Year	45G	90'	90 8.4	3,859.90 982 446.32	3,280 3,165 3,010
42905 1 EACH	Rohn Tower 45G110D090 1 Year	45G	90'	110 5.0	3,865.90 985 447.68	3,286 3,170 3,015
42964 1 EACH	Rohn Tower 45G70D100 1 Year	45G	100'	70 8.5	4,048.80 1046 475.41	3,441 3,320 3,158
65571 1 EACH	Rohn Tower 45G90D100 1 Year	45G	100'	90 8.1	4,430.80 1121 509.49	3,766 3,633 3,456
42909 1 EACH	Rohn Tower 45G110D100 1 Year	45G	100'	110 4.8	4,711.90 1168 530.86	4,005 3,863 3,675
42971 1 EACH	Rohn Tower 45G70D110 1 Year	45G	110'	70 8.2	4,625.70 1189 540.4	3,931 3,793 3,608
42765 1 EACH	Rohn Tower 45G90D110 1 Year	45G	110'	90 7.8	4,702.80 1202 546.31	3,997 3,856 3,668
42860 1 EACH	Rohn Tower 45G110D110 1 Year	45G	110'	110 4.5	4,988.40 1252 569.03	4,240 4,090 3,890
42994 1 EACH	Rohn Tower 45G70D120 1 Year	45G	120'	70 8.0	4,885.70 1264 574.49	4,152 4,006 3,810
97709 1 EACH	Rohn Tower 45G90D120 1 Year	45G	120'	90 7.6	5,255.90 1316 598.12	4,467 4,309 4,099
42864 1 EACH	Rohn Tower 45G110D120 1 Year	45G	120'	110 4.5	5,411.40 1376 625.39	4,599 4,437 4,220
42995 1 EACH	Rohn Tower 45G70D130 1 Year	45G	130'	70 7.8	5,168.20 1352 614.48	4,392 4,237 4,031
42803 1 EACH	Rohn Tower 45G90D130 1 Year	45G	130'	90 7.4	5,521.90 1394 633.57	4,693 4,527 4,307
42871 1 EACH	Rohn Tower 45G110D130 1 Year	45G	130'	110 4.1	5,733.70 1466 666.3	4,873 4,701 4,472
42998 1 EACH	Rohn Tower 45G70D140 1 Year	45G	140'	70 7.6	5,488.80 1443 655.84	4,665 4,500 4,281
42805 1 EACH	Rohn Tower 45G90D140 1 Year	45G	140'	90 7.2	6,162.10 1551 704.93	5,237 5,052 4,806

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ng product table (3 of 4)

o. m	Manufacturer Mfg. P/N Warranty	Tower Series	Height	Max Wind MPH Max Flat Plate	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
9 H	Rohn Tower 45G110D140 1 Year	45G	140'	110 3.8	6,402.40 1638 744.47	5,442.04 5,249.97 4,993.88
4 H	Rohn Tower 45G70D150 1 Year	45G	150'	70 7.4	6,057.60 1593 724.02	5,148.96 4,967.24 4,724.93
5 H	Rohn Tower 45G90D150 1 Year	45G	150'	90 7.0	6,443.10 1638 744.47	5,476.64 5,283.35 5,025.62
8 H	Rohn Tower 45G110D150 1 Year	45G	150'	110 3.7	6,678.90 1722 782.65	5,677.07 5,476.70 5,209.55
9 H	Rohn Tower 45G70D160 1 Year	45G	160'	70 7.2	6,382.70 1685 765.83	5,425.30 5,233.82 4,978.51
2 H	Rohn Tower 45G90D160 1 Year	45G	160'	90 6.9	6,719.60 1722 782.65	5,711.66 5,510.08 5,241.29
8 H	Rohn Tower 45G110D160 1 Year	45G	160'	110 3.6	6,958.40 1808 821.74	5,914.64 5,705.89 5,427.56
0 H	Rohn Tower 45G70D170 1 Year	45G	170'	70 7.1	6,627.10 1772 805.37	5,633.04 5,434.23 5,169.14
8 H	Rohn Tower 45G90D170 1 Year	45G	170'	90 6.8	7,395.80 1898 862.64	6,286.43 6,064.56 5,768.73
8 H	Rohn Tower 45G110D170 1 Year	45G	170'	110 3.5	7,633.10 1994 906.27	6,488.14 6,259.15 5,953.82
0 H	Rohn Tower 45G70D180 1 Year	45G	180'	70 7.0	7,238.10 1883 855.82	6,152.39 5,935.25 5,645.72
0 H	Rohn Tower 45G90D180 1 Year	45G	180'	90 6.6	7,856.80 2040 927.18	6,678.28 6,442.58 6,128.31
5 H	Rohn Tower 45G70D190 1 Year	45G	190'	70 6.8	7,903.50 2059 935.82	6,717.98 6,480.87 6,164.73
6 H	Rohn Tower 45G90D190 1 Year	45G	190'	90 6.5	8,146.30 2138 971.72	6,924.36 6,679.97 6,354.12
0 H	Rohn Tower 45G70D200 1 Year	45G	200'	70 5.7	8,279.80 2166 984.45	7,037.83 6,789.44 6,458.25
2 H	Rohn Tower 45G90D200 1 Year	45G	200'	90 5.3	8,518.30 2243 1019.44	7,240.56 6,985.01 6,644.28
8 H	Rohn Tower 45G70D210 1 Year	45G	210'	70 5.6	8,413.50 2233 1014.9	7,151.48 6,899.07 6,562.53
0 H	Rohn Tower 45G90D210 1 Year	45G	210'	90 5.2	9,387.40 2442 1,109.89	7,979.29 7,697.67 7,322.18
0 H	Rohn Tower 45G70D220 1 Year	45G	220'	70 5.5	8,753.60 2329 1058.53	7,440.56 7,177.96 6,827.81
4 H	Rohn Tower 45G90D220 1 Year	45G	220'	90 5.1	9,730.20 2545 1156.7	8,270.67 7,978.77 7,589.56
5 H	Rohn Tower 45G70D230 1 Year	45G	230'	70 5.3	9,653.60 2515 1143.07	8,205.56 7,915.96 7,529.81
6 H	Rohn Tower 45G90D230 1 Year	45G	230'	90 5.0	10,373.10 2724 1238.06	8,817.14 8,505.95 8,091.02
5 H	Rohn Tower 45G70D240 1 Year	45G	240'	70 5.2	9,969.40 2612 1187.15	8,473.99 8,174.91 7,776.14
8 H	Rohn Tower 45G90D240 1 Year	45G	240'	90 5.0	10,664.30 2821 1282.14	9,064.66 8,744.73 8,318.16
3 H	Rohn Tower 45G70D250 1 Year	45G	250'	70 5.2	10,296.90 2724 1238.06	8,752.37 8,443.46 8,031.59
3 H	Rohn Tower 45G70D260 1 Year	45G	260'	70 5.1	10,561.40 2802 1273.51	8,977.19 8,660.35 8,237.90
5 H	Rohn Tower 45G70D270 1 Year	45G	270'	70 5.0	11,192.30 2975 1352.14	9,513.46 9,177.69 8,730.00
2 H	Rohn Tower 45G70D280 1 Year	45G	280'	70 4.9	11,458.30 3053 1387.59	9,739.56 9,395.81 8,937.48

Continuing product table (4 of 4)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Tower Series	Height	Max Wind MPH Max Flat Plate	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
43075 1 EACH	Rohn Tower 45G70D290 1 Year	45G	290'	70 4.8	11,793.30 3169 1440.31	10,024.31 9,670.51 9,198.78
55394 1 EACH	Rohn Tower 45G70D300 1 Year	45G	300'	70 4.8	12,063.80 3250 1477.12	10,254.23 9,892.32 9,409.77

Rohn 55G Towers

Multi-use structure for applications to 400 feet. The 55G 18-1/2inch equilateral triangle design, with continuous zig-zag cross bracing, is electronically welded. The heavy duty 1-1/2 inch steel tubing side rails, continuous solid rod bracing, and eight zig-zag braces per 10 foot section create a rugged structure. Each section is sleeve joined with two bolts for strength.

- Meets ANSI/EIA-222-D
- 18-1/2" triangle design
- 1-1/2" steel tubing side rails
- Up to 400 feet (guyed)
- All sections are hot dip galvanized, inside and out

Continuing product table (1 of 3)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Tower Series	Height	Max Wind MPH Max Flat Plate	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
43280 1 EACH	Rohn Tower 55G70D100 1 Year	55G	100'	70 16.0	4,995.40 1396 634.48	4,246.09 4,096.23 3,896.42
48854 1 EACH	Rohn Tower 55G90D100 1 Year	55G	100'	90 9.6	5,613.90 1495 679.48	4,771.82 4,603.40 4,378.85
36244 1 EACH	Rohn Tower 55G110D100 1 Year	55G	100'	110 9.0	5,804.70 1556 707.2	4,934.00 4,759.86 4,527.67
43286 1 EACH	Rohn Tower 55G70D110 1 Year	55G	110'	70 15.6	5,337.40 1504 683.57	4,536.79 4,376.67 4,163.18
43157 1 EACH	Rohn Tower 55G90D110 1 Year	55G	110'	90 9.3	5,960.40 1606 729.93	5,066.34 4,887.53 4,649.12
46373 1 EACH	Rohn Tower 55G110D110 1 Year	55G	110'	110 8.0	6,164.70 1674 760.83	5,240.00 5,055.06 4,808.47
43288 1 EACH	Rohn Tower 55G70D120 1 Year	55G	120'	70 15.2	6,030.30 1687 766.74	5,125.76 4,944.85 4,703.64
43193 1 EACH	Rohn Tower 55G90D120 1 Year	55G	120'	90 9.1	6,306.90 1717 780.38	5,360.87 5,171.66 4,919.39
43081 1 EACH	Rohn Tower 55G110D120 1 Year	55G	120'	110 7.0	6,518.70 1789 813.1	5,540.90 5,345.34 5,084.59
43294 1 EACH	Rohn Tower 55G70D130 1 Year	55G	130'	70 14.9	6,364.80 1791 814.01	5,410.08 5,219.14 4,964.55
43197 1 EACH	Rohn Tower 55G90D130 1 Year	55G	130'	90 8.9	6,651.90 1827 830.37	5,654.12 5,454.56 5,188.49
43093 1 EACH	Rohn Tower 55G110D130 1 Year	55G	130'	110 6.0	6,863.70 1899 863.1	5,834.15 5,628.24 5,353.69
43300 1 EACH	Rohn Tower 55G70D140 1 Year	55G	140'	70 14.5	6,711.30 1902 864.46	5,704.61 5,503.27 5,234.82
41358 1 EACH	Rohn Tower 55G90D140 1 Year	55G	140'	90 8.6	7,396.10 2017 916.73	6,286.69 6,064.81 5,768.96
43114 1 EACH	Rohn Tower 55G110D140 1 Year	55G	140'	110 5.5	7,636.40 2104 956.27	6,490.94 6,261.85 5,956.40
78820 1 EACH	Rohn Tower 55G70D150 1 Year	55G	150'	70 14.3	7,056.30 2012 914.45	5,997.86 5,786.17 5,503.92
84794 1 EACH	Rohn Tower 55G90D150 1 Year	55G	150'	90 8.4	7,745.60 2129 967.63	6,583.76 6,351.40 6,041.57
83516 1 EACH	Rohn Tower 55G110D150 1 Year	55G	150'	110 5.0	7,981.40 2214 1006.26	6,784.19 6,544.75 6,225.50
43304 1 EACH	Rohn Tower 55G70D160 1 Year	55G	160'	70 14.0	7,402.80 2122 964.45	6,292.38 6,070.30 5,774.19
21533 1 EACH	Rohn Tower 55G90D160 1 Year	55G	160'	90 8.2	8,290.10 2304 1047.17	7,046.59 6,797.89 6,466.28

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Continuing product table (2 of 3)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Tower Series	Height	Max Wind MPH Max Flat Plate	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
43131 1 EACH	Rohn Tower 55G110D160 1 Year	55G	160'	110 4.9	8,339.90 2332 1059.89	7,088.92 6,838.72 6,505.13
43308 1 EACH	Rohn Tower 55G70D170 1 Year	55G	170'	70 13.7	8,441.60 2352 1068.98	7,175.36 6,922.12 6,584.45
43207 1 EACH	Rohn Tower 55G90D170 1 Year	55G	170'	90 8.1	8,507.90 2370 1077.16	7,231.72 6,976.48 6,636.17
43133 1 EACH	Rohn Tower 55G110D170 1 Year	55G	170'	110 4.8	8,769.20 2470 1122.62	7,453.82 7,190.75 6,839.98
43309 1 EACH	Rohn Tower 55G70D180 1 Year	55G	180'	70 13.5	8,791.10 2465 1120.34	7,472.44 7,208.71 6,857.06
80556 1 EACH	Rohn Tower 55G90D180 1 Year	55G	180'	90 7.9	9,294.10 2576 1170.79	7,899.99 7,621.17 7,249.40
43152 1 EACH	Rohn Tower 55G110D180 1 Year	55G	180'	110 4.6	10,461.10 2806 1275.33	8,891.94 8,578.11 8,159.66
43313 1 EACH	Rohn Tower 55G70D190 1 Year	55G	190'	70 13.3	9,142.10 2578 1171.7	7,770.79 7,496.53 7,130.84
43211 1 EACH	Rohn Tower 55G90D190 1 Year	55G	190'	90 7.8	9,844.60 2765 1256.69	8,367.91 8,072.58 7,678.79
43153 1 EACH	Rohn Tower 55G110D190 1 Year	55G	190'	110 4.5	10,884.10 2955 1343.05	9,251.49 8,924.97 8,489.60
43330 1 EACH	Rohn Tower 55G70D200 1 Year	55G	200'	70 12.1	9,497.60 2693 1223.97	8,072.96 7,788.04 7,408.13
25229 1 EACH	Rohn Tower 55G90D200 1 Year	55G	200'	90 6.6	10,207.60 2885 1311.23	8,676.46 8,370.24 7,961.93
43346 1 EACH	Rohn Tower 55G70D210 1 Year	55G	210'	70 11.9	9,842.60 2804 1274.42	8,366.21 8,070.94 7,677.23
43212 1 EACH	Rohn Tower 55G90D210 1 Year	55G	210'	90 6.5	10,566.10 3003 1364.86	8,981.19 8,664.21 8,241.56
15726 1 EACH	Rohn Tower 55G70D220 1 Year	55G	220'	70 11.7	10,649.80 3028 1376.23	9,052.33 8,732.84 8,306.85
43226 1 EACH	Rohn Tower 55G90D220 1 Year	55G	220'	90 6.4	11,507.70 3236 1470.76	9,781.55 9,436.32 8,976.01
43354 1 EACH	Rohn Tower 55G70D230 1 Year	55G	230'	70 11.6	10,994.80 3138 1426.22	9,345.58 9,015.74 8,575.95
43231 1 EACH	Rohn Tower 55G90D230 1 Year	55G	230'	90 6.3	11,867.70 3354 1524.39	10,087.55 9,731.52 9,256.81
43372 1 EACH	Rohn Tower 55G70D240 1 Year	55G	240'	70 11.4	11,575.30 3337 1516.67	9,839.01 9,491.75 9,028.74
43232 1 EACH	Rohn Tower 55G90D240 1 Year	55G	240'	90 6.2	12,617.60 3567 1621.2	10,724.96 10,346.44 9,841.73
92512 1 EACH	Rohn Tower 55G70D250 1 Year	55G	250'	70 11.3	11,936.80 3455 1570.3	10,146.28 9,788.18 9,310.71
43233 1 EACH	Rohn Tower 55G90D250 1 Year	55G	250'	90 6.1	12,976.10 3684 1674.38	11,029.69 10,640.41 10,121.36
43377 1 EACH	Rohn Tower 55G70D260 1 Year	55G	260'	70 11.1	12,857.40 3678 1671.65	10,928.79 10,543.07 10,028.78
43244 1 EACH	Rohn Tower 55G90D260 1 Year	55G	260'	90 6.0	13,351.10 3807 1730.28	11,348.44 10,947.91 10,413.86
43385 1 EACH	Rohn Tower 55G70D270 1 Year	55G	270'	70 11.0	13,361.40 3800 1727.1	11,357.19 10,956.35 10,421.90
43250 1 EACH	Rohn Tower 55G90D270 1 Year	55G	270'	90 5.9	15,100.00 4181 1900.26	12,835.00 12,382.00 11,778.00
43386 1 EACH	Rohn Tower 55G70D280 1 Year	55G	280'	70 10.9	13,589.40 3922 1782.55	11,550.99 11,143.31 10,599.74
75509 1 EACH	Rohn Tower 55G90D280 1 Year	55G	280'	90 5.8	15,632.80 4368 1985.26	13,287.88 12,818.90 12,193.59

Continuing product table (3 of 3)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Tower Series	Height	Max Wind MPH Max Flat Plate	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
43398 1 EACH	Rohn Tower 55G70D290 1 Year	55G	290'	70 10.7	14,080.40 4041 1836.63	11,96 11,54 10,98
43258 1 EACH	Rohn Tower 55G90D290 1 Year	55G	290'	90 5.7	15,986.80 4485 2038.43	13,58 13,10 12,46
36951 1 EACH	Rohn Tower 55G70D300 1 Year	55G	300'	70 10.6	14,729.00 4260 1936.17	12,51 12,07 11,48
43273 1 EACH	Rohn Tower 55G90D300 1 Year	55G	300'	90 5.6	16,475.50 4685 2129.33	14,00 13,50 12,85
13626 1 EACH	Rohn Tower 55G70D320 1 Year	55G	320'	70 10.4	15,333.80 4499 2044.8	13,03 12,57 11,96
87997 1 EACH	Rohn Tower 55G70D330 1 Year	55G	330'	70 10.3	15,818.30 4634 2106.15	13,44 12,97 12,33
66569 1 EACH	Rohn Tower 55G70D340 1 Year	55G	340'	70 10.2	16,649.50 4873 2214.78	14,15 13,65 12,98
96820 1 EACH	Rohn Tower 55G70D350 1 Year	55G	350'	70 10.1	17,183.50 5040 2290.68	14,60 14,09 13,40
43410 1 EACH	Rohn Tower 55G70D360 1 Year	55G	360'	70 10.0	17,605.80 5153 2342.04	14,96 14,43 13,73
43413 1 EACH	Rohn Tower 55G70D370 1 Year	55G	370'	70 9.9	17,961.30 5268 2394.31	15,26 14,72 14,00
43415 1 EACH	Rohn Tower 55G70D380 1 Year	55G	380'	70 9.8	19,332.00 5560 2527.02	16,43 15,85 15,07
43423 1 EACH	Rohn Tower 55G70D390 1 Year	55G	390'	70 9.7	19,654.50 5670 2577.02	16,70 16,11 15,33
75344 1 EACH	Rohn Tower 55G70D400 1 Year	55G	400'	70 9.6	20,342.40 5831 2650.19	17,29 16,68 15,86

Trylon Titan 1500 Series Towers

The Titan 1500 guyed towers are general-purpose commu cations, mobile radio, or telemetry towers for application 160 feet. They are built on a 15 inch equilateral triangle design with pre-assembled cross bracing. Each 8 foot sect features six diagonal cross braces that are bolted securely

- 15" equilateral triangle design
- Bolted cross bracing
- Galvanized finish

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Tower Series	Height	Max Wind MPH Max Flat Plate	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
43901 1 EACH	Trylon 4951501000A/GND 1 Year	Titan 1500	32'	100 10 @ Top, 5 @ each guy level	1,200.00 358 162.71	984.0 960.0 948.0
43903 1 EACH	Trylon 4951502000A/GND 1 Year	Titan 1500	40'	100 10 @Top, 5 @ each guy section	1,300.00 418 189.98	1,066. 1,040. 1,027.
43918 1 EACH	Trylon 4951503000A/GND 1 Year	Titan 1500	48'	100 10 @ Top, 5 @ each guy level	1,700.00 548 249.07	1,394. 1,360. 1,343.
43919 1 EACH	Trylon 4951504000A/GND 1 Year	Titan 1500	56'	100 10 @ Top, 5 @ each guy level	1,800.00 628 285.43	1,476. 1,440. 1,422.
43923 1 EACH	Trylon 4951505000A/GND 1 Year	Titan 1500	64'	100 10 @ Top, 5 @ each guy level	1,900.00 708 321.79	1,558. 1,520. 1,501.
43928 1 EACH	Trylon 4951506000A/GND 1 Year	Titan 1500	72'	100 10 @ Top, 5 @ each guy level	2,000.00 788 358.15	1,640. 1,600. 1,580.
43947 1 EACH	Trylon 4951507000A/GND 1 Year	Titan 1500	80'	100 10 @ Top, 5 @ each guy level	2,400.00 868 394.51	1,968. 1,920. 1,896.
43955 1 EACH	Trylon 4951508000A/GND 1 Year	Titan 1500	88'	100 10 @ Top, 5 @ each guy level	2,600.00 956 434.5	2,132. 2,080. 2,054.
43959 1 EACH	Trylon 4951509000A/GND 1 Year	Titan 1500	96'	100 10 @ Top, 5 @ each guy level	2,800.00 1028 467.23	2,296. 2,240. 2,212.
43969 1 EACH	Trylon 4951510000A/GND 1 Year	Titan 1500	104'	100 10 @ Top, 5 @ each guy level	3,000.00 1108 503.59	2,460. 2,400. 2,370.

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inuing product table (2 of 2)

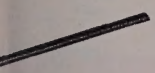
t No. /Uom	Manufacturer Mfg. P/N Warranty	Tower Series	Height	Max Wind MPH Max Flat Plate	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
3971 ACH	Trylon 4951511000A/GND 1 Year	Titan 1500	112'	100 10 @ Top, 5 @ each guy level	3,200.00 1188 539.95	2,624.00 2,560.00 2,528.00
3987 ACH	Trylon 4951512000A/GND 1 Year	Titan 1500	120'	100 10 @ Top, 5 @ each guy level	3,400.00 1268 576.31	2,788.00 2,720.00 2,686.00
3990 ACH	Trylon 4951513000A/GND 1 Year	Titan 1500	128'	100 10 @ Top, 5 @ each guy level	3,600.00 1348 612.67	2,952.00 2,880.00 2,844.00
3995 ACH	Trylon 4951514000A/GND 1 Year	Titan 1500	136'	100 10 @ Top, 5 @ each guy level	3,800.00 1428 649.03	3,116.00 3,040.00 3,002.00
4015 ACH	Trylon 4951515000A/GND 1 Year	Titan 1500	144'	100 10 @ Top, 5 @ each guy level	4,000.00 1548 703.57	3,280.00 3,200.00 3,160.00
4016 ACH	Trylon 4951516000A/GND 1 Year	Titan 1500	152'	100 10 @ Top, 5 @ each guy level	4,200.00 1658 753.56	3,444.00 3,360.00 3,318.00
EW 5320 ACH	Trylon 4951517000A/GND 1 Year	Titan 1500	160'	100 10 @ Top, 5 @ each guy level	4,400.00 2080 945.36	3,608.00 3,520.00 3,476.00
4018 ACH	Trylon 4951517000A/GND 1 Year	Titan 1500	160'	100 10 @ Top, 5 @ each guy level	4,400.00 2080 945.36	3,608.00 3,520.00 3,476.00

Tower Accessories [450-18]

If you are buying these, you may need:

Hoisting Grips ..... page 460
Exothermic Ground Connections ..... page 577
Grounding Systems ..... page 560
Power Drills ..... page 1515
Wrenches ..... page 1581

er pins



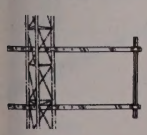
t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
582 ACH	Rohn Tower 3/4X12PP 1 Year	25G, 45G, 55G pier pins for concrete base plates.	11.00 1 0.45	8.53 8.20 7.92

ouse Bracket

Spacing adjustable from 18"- 36".

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
450 ACH	Rohn Tower HBUTVRO 1 Year	Universal house bracket for 25G, 45G, and 55G.	99.00 38 17.27	76.73 73.76 71.28

de Arm Bracket



Includes 2 1/4" OD x 3' support tube.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
201 CH	Rohn Tower SA253UA 1 Year	25, 45, 55, 65G Side Arm Bracket. Extends 3 feet from tower.	109.00 28 12.73	84.48 81.21 78.48

Shackles

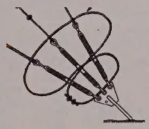
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
54368 1 EACH	Rohn Tower 3/8S 1 Year	3/8" Shackle for when installing 49372 and 63310 torque bars on guy bracket	8.50 0.4 0.18	7.23 6.97 6.63
24213 1 EACH	Campbell 541-0635 1 Year	3/8" Shackle for when installing 49372 and 63310 torque bars on guy bracket, 1 ton load limit.	4.65 0.3 0.14	4.28 4.05 3.84
62606 1 EACH	Campbell 541-0835 1 Year	1/2" Shackle. 2 ton load limit.	6.50 0.72 0.33	5.98 5.66 5.36
20971 1 EACH	Rohn Tower 1/2S 1 Year	1/2" Anchor Shackles Hot dip galvanized, round pin.	14.50 0.7 0.32	12.33 11.89 11.31
437016 1 EACH	Trylon 1601054 1 Year	7/16" shackle	8.10 0.4 0.18	6.65 6.48 6.40
49392 1 EACH	Campbell 541-1435 1 Year	7/8" Shackle. 6-1/2 ton load limit.	23.50 4 1.82	21.65 20.48 19.42

Thrust Bearing

Thrust Bearing used on 18473 top section or 98481 top plate for top mounting.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
50096 1 EACH	Rohn Tower TB3 1 Year	2" O.D. antenna support pipe.	97.00 2.5 1.14	75.18 72.27 69.84

Safety Package



Consists of 45 feet guy wire and 6 clamps. Use 15'of guy wire + 2 clamps on each anchor assembly for protection against snapping.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
77773 1 EACH	Rohn Tower TBSAFETY 1 Year	Safety Package.	33.00 5 2.27	28.05 27.06 25.74

Erection Fixture

Fixture used to hoist tower sections or other equipment up to the tower. Includes gin pole and clamp for mounting pole to 1-1/4" tower leg.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
70495 1 EACH	Rohn Tower EF2545 1 Year	25G/45G Erection Fixture	750.00 20 9.09	637.50 615.00 585.00

Towers

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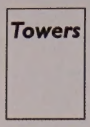
Literature Package



Includes drawings that aid in installation of towers.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
04569 1 EACH	Rohn Tower ROHN LIT PKG II 1 Year	Literature Package For 55G towers.	0.00 1 0.45	0.00 0.00 0.00
04962 1 EACH	Trylon TRYLON LIT PACK 1 Year	Literature Package for 1500 Series guyed towers.	0.00 1 0.45	0.00 0.00 0.00
06533 1 EACH	Trylon TRYLON SS LIT 1 Year	Literature Package for Titan self-supporting towers.	0.00 1 0.45	0.00 0.00 0.00
53843 1 EACH	Rohn Tower ROHN LIT PKG 1 Year	Literature Package For 25G and 45G.	0.00 0.38 0.17	0.00 0.00 0.00

Guy Wire and Materials [450-20]

Don't forget these important items:

Exothermic Ground Connections.....page 577
Grounding Systems .....page 560
Wrenches.....page 1581
Hard Hats.....page 1641

Guy Wire

10299 30438

Hot dip galvanized.

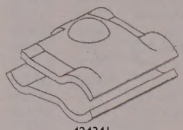
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
10299 1000 FOOT	Rohn Tower 618 1 Year	6 strand, 18 gauge guy wire. Heavy galvanized, rust proof. 20 non-tangling 50' interconnecting coils. Packaged 1000' per box.	50.70 32 14.54	39.30 37.78 36.51
30438 1 FOOT	Rohn Tower 3/16EHS 1 Year	3/16" Guy Wire. 3990 lb breaking strength. Priced per foot.	0.20 0.08 0.04	0.14 0.14 0.13
68831 500 FOOT	Rohn Tower 3/16EHS500 1 Year	3/16" Guy Wire 3990 lb breaking strength. 500' coil.	89.00 36.5 16.59	68.98 66.31 64.08
17224 1000 FOOT	Rohn Tower 3/16EHS1000 1 Year	3/16" Guy Wire 3990 lb breaking stength. 1000' coil.	155.00 73 33.18	120.13 115.48 111.60
32936 1 FOOT	Rohn Tower 1/4EHS 1 Year	1/4" Guy Wire. 6650 lb breaking strength. Priced per foot.	0.25 0.12 0.05	0.19 0.18 0.18
71329 500 FOOT	Rohn Tower 1/4EHS500 1 Year	1/4" Guy. 6650 Lb breaking strength. 500' coil.	122.50 80 36.36	94.94 91.27 88.20
19722 1000 FOOT	Rohn Tower 1/4EHS1000 1 Year	1/4" Guy Wire 6650 lb breaking strength. 1000' coil.	223.00 120 54.54	172.83 166.14 160.56
13477 1 FOOT	Rohn Tower 5/16EHS 1 Year	5/16" Guy Wire. 11200 lb breaking strength. Priced per foot.	0.40 0.21 0.1	0.28 0.27 0.26
87562 1 FOOT	Rohn Tower 3/8EHS 1 Year	3/8" Guy Wire. Per Foot	0.50 0.24 0.11	0.38 0.37 0.36

Guy Wire Ground Clamp

42403

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
42403 1 EACH	Rohn Tower 340028 1 Year	3/16"-1/2" Guy Wire Ground Clamp	7.40 0.14 0.06	6. 6. 5.

Guy Wire Ground Clamp



424341

Guy wire clamps can be used for connecting 2 disimilar conduc such as copper and galvanized steel. One bolt, stainless steel cl comes with stainless steel hardware.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW 424341 1 EACH	Harger SSC25/875 1 Year	Accommodates up to 7/8" guy wire and 4/0 AWG conductor.	10.10 0.14 0.06	8. 8. 7.

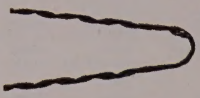
End Sleeves

41878

Hot dip galvanized.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
41878 1 EACH	Rohn Tower GC65303 1 Year	3/16" End Sleeves for guy wire.	4.10 0.03 0.01	3. 3. 3.

Big Grips



74551

Hot dip galvanized.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
22944 1 EACH	Rohn Tower BG2144INP 1 Year	1/4" Big Grips w/End sleeve	13.80 0.75 0.34	10. 10. 9.
61337 1 EACH	Rohn Tower BG2146INP 1 Year	5/16" Big Grips w/End sleeve	15.80 0.82 0.37	12. 11. 11.
74551 1 EACH	Rohn Tower BG2142INP 1 Year	3/16" Big Grips w/End sleeve	12.00 0.33 0.15	9. 8. 8.

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y Wire Markers

34557

Mark power, communication and guy wires at airport or helicopter approach areas, river and canyon crossings, overhead obstructions at construction sites. Wire markers are molded from Fiberglass Reinforced polyester Resin-Gelcoat International Orange. Meets FAA specifications. * Please specify ball size and GUY WIRE SIZE when ordering.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
57 CH	CESCO MODEL A9 1 Year	9" Light Duty	90.00 5.5 2.5	72.00 69.75 67.50
43 CH	CESCO MODEL 9 1 Year	9" Heavy Duty	137.00 5.5 2.5	109.60 106.18 102.75
50 CH	CESCO MODEL A20 1 Year	20" Light duty	138.00 7.5 3.41	110.40 106.95 103.50
36 CH	CESCO MODEL 20 1 Year	20" Heavy duty	180.30 7.5 3.41	144.21 139.71 135.20

e + Jaw Turnbuckles

41154

Hot dip galvanized.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
54 CH	Rohn Tower 3/8TBE&J 1 Year	3/8"x6" Eye + Jaw Turnbuckle. 6,000 lbs ultimate strength.	18.00 1 0.45	13.95 13.41 12.96
57 CH	Rohn Tower 1/2TBE&J 1 Year	1/2"x12" Eye + Jaw Turnbuckle. 11,000 lbs ultimate strength.	29.50 2.5 1.14	22.87 21.98 21.24
42 CH	Rohn Tower 5/8TBE&J 1 Year	5/8"x12" Eye + Jaw Turnbuckle. 17,500 lbs ultimate strength.	58.60 4 1.82	45.42 43.66 42.20

ble Clamps

3614

Hot dip galvanized.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
45 CH	Rohn Tower 3/16CCF 1 Year	3/16" Forged cable Clamps	2.60 0.1 0.05	2.21 2.14 2.03
43 CH	Rohn Tower 1/4CCF 1 Year	1/4" Forged cable clamps	3.60 0.25 0.11	2.79 2.69 2.60
34 CH	Rohn Tower 5/16CCF 1 Year	5/16" Forged cable Clamps	3.70 0.3 0.14	2.87 2.76 2.67
14 CH	Rohn Tower 7/16CCF 1 Year	7/16" Forged cable Clamps	5.70 0.76 0.35	4.85 4.68 4.45

+ Eye Turnbuckles

59364

Hot tip galvanized. 11,000 lbs ultimate strength.

ing product table (1 of 2)

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
54 CH	Rohn Tower 1/2TBE&E 1 Year	1/2"x12" Eye + Eye Turnbuckle	26.00 2.5 1.14	20.15 19.37 18.72

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
92761 1 EACH	Rohn Tower 3/8TBE&E 1 Year	3/8"x6" Eye + Eye Turnbuckle.	14.90 1 0.45	11.55 11.11 10.73

Wire Rope Thimbles

For 5/16" guy wire with big grips.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
17330 1 EACH	Brewer-Titchner 626-0203 1 Year	3/8" Heavy Duty Wire Rope Thimble, Open.	1.00 0.21 0.1	0.76 0.74 0.73
27940 1 EACH	Rohn Tower 3/8THH 1 Year	3/8" Heavy Duty Wire Rope Thimble, Open.	2.50 0.21 0.1	1.94 1.87 1.80
30544 1 EACH	Brewer-Titchner 626-0104 1 Year	5/16" Standard Wire RopeThimble, Open.	0.80 0.12 0.05	0.58 0.57 0.56
51870 1 EACH	Rohn Tower 5/16THH 1 Year	5/16" Standard Wire RopeThimble, Open.	1.50 0.12 0.05	1.17 1.12 1.08
58115 1 EACH	Rohn Tower 1/4TH 1 Year	1/4" Standard Wire Rope Thimble, Open.	0.80 0.07 0.03	0.62 0.60 0.58
68937 1 EACH	Brewer-Titchner 626-0105 1 Year	3/8" Standard Wire RopeThimble, Open.	0.75 0.06 0.03	0.57 0.55 0.54
95365 1 EACH	Brewer-Titchner 626-0103 1 Year	1/4" Standard Wire Rope Thimble, Open.	0.65 0.03 0.01	0.49 0.48 0.47

Anchor Rod Assembly

49968

81520

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
49968 3 EACH	Trylon 4.79.0103.000 1 Year	Includes anchor weldment. Kit of three.	163.90 12 5.45	139.30 134.39 131.11
68306 1 EACH	Rohn Tower GAC3455TOP 1 Year	Anchor Rod Assembly. Has rod with flat concrete anchor and equalizer platethat allows up to five wire attachments.	125.00 25 11.36	96.88 93.13 90.00
81520 1 EACH	Rohn Tower GAC303 1 Year	Anchor Rod Assembly w/equalizer plate. Up to three wire attachments.	65.50 13 5.91	50.77 48.80 47.16

Screw Anchor

55092

Hot dip galvanized. 2,500 lbs holding power.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
55092 1 EACH	Rohn Tower GAS604 1 Year	5/8"x4' Screw Anchor	25.50 7 3.18	19.77 19.00 18.36

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Tower Lighting Products [450-22]

Replacement Bulb

TESSCO inventories both standard replacement tower lighting bulbs as well as long lasting Weatherex tower lighting bulbs. Pyrex glass is used in the manufacture of the Weatherex bulbs. This helps to eliminate premature burnouts due to glass cracking when moisture develops due to extreme temperture changes.

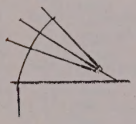
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
496053 1 PAIR	Western States Industries 60116/230 1 Year	Hard glass (Pyrex) replacement bulbs (2 per pack) for the OB1 and OB2 obstruction lights. 8000 hours, 116 watt, 230 volt.	18.00 0.4 0.18	15.30 14.76 14.04
53369 2 PACK	Rohn Tower OB116W 1 Year	Replacement Bulb for the OB1 and OB2 obstrucion lights. 8000 Hr. 116W, 120V. 116A21/TS. (2 pack).	10.40 0.04 0.02	8.84 8.53 8.12
491164 1 PAIR	Western States Industries 60115 1 Year	Hard glass (Pyrex) replacement bulbs (2 per pack) for the OB1 and OB2 obstruction lights. 8000 hours, 116 watt, 120 volt.	15.40 0.4 0.18	13.09 12.63 12.02
NEW 494149 1 PAIR	Western States Industries 60116 1 Year	Hard glass (Pyrex) replacement bulbs (2 per pack) for the OB1 and OB2 obstruction lights. 8000 hours, 116 watt, 130 volt.	15.40 0.4 0.18	13.09 12.63 12.02
87765 1 EACH	Rohn Tower B620W 1 Year	Replacement Beacon Bulb Fits B1 and B1R Beacon Lights. 3000Hr. 620W. 120V620PS40P.	30.00 0.05 0.02	25.50 24.60 23.40
75703 1 EACH	Western States Industries 60620 1 Year	Hard glass (Pyrex) replacement bulb for the B1 and B1R beacon lights. 4500 hours, 620 watts. 120V. Single piece.	47.00 0.5 0.23	39.95 37.60 35.25
75733 1 PACK	Western States Industries 60700 1 Year	Har glass (Pyrex) replacement bulb for the B1and B1R beacon lights. 4500 hours, 700 watts. 130V. Single piece.	50.50 0.3 0.14	42.93 40.40 37.88
75747 1 PACK	Western States Industries 60700-230V 1 Year	Hard glass (Pyrex) replacement bulb for the B1and B1R beacon lights. 4500 hours, 700 watts. 230V. Single piece.	54.50 0.3 0.14	46.33 43.60 40.88

Tower Grounding Products [450-24]

If you are buying these, you might need:

Grounding Kits.....page 457
Exothermic Ground Connections.....page 577
Grounding Systems .....page 560

Anchor Wire Grounding Kit



Anchor wire ground kit ties all guy wires to a commom ground. Since the number and size of guy wire varies, customer must order guy wire clamps separately. Use sku 42403 for 3/16" - 1/2" wire, sku 71410 for 9/16" - 3/4" wire and sku 98562 for 7/8" -1" wire.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37407 1 EACH	Rohn Tower AGK1G 1 Year	Kit includes 3 8' copper ground rods, 3 ground rod clamps & 45' #6 tinned copper ground wire.	138.00 30 13.64	106.95 102.81 99.36

Base Grounding Kit

Grounding kit for Titan self-supporting towers is desinge ground one tower leg only. Kit includes 3/4" x 8' ground ground clamp, 10' of #6 copper ground wire, T & B clamp c.p. bolt, lockwasher and flatwasher.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
40158 1 EACH	Trylon 4.91.0101.000 30 days	Base Grounding Kit. 8' copper ground rod, 10' of #6 copper wire and hardware	65.00 14 6.36	55. 53. 52.
97877 1 EACH	Rohn Tower BGK3G 1 Year	Base Grounding Kit. 1 8'galvanized ground rod, 1 clamp, 1 lug and 10 ft. #4solid galvanized wire. For 25G & 45G towers.	48.00 10 4.54	37. 35. 34.

Static Discharger

Stainless steel Static Discharger is designed to help elimin lighting strikes to your tower or antenna. Over 150 four long electrodes. Made entirely of stainless steel. Can ne rust and last almost indefinitely. New, more effective desi

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
461100 1 EACH	Tower Jack TOWER GUARD 1 Year	Stainless steel elements. 150 spikes, 4" long, mounted on a 1/2"OD copper tube, 12" long, with 1/2" x 13 threads at the bottom. .	152.00 1.8 0.82	129. 122. 121.

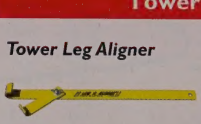
Titan Guyed Tower Grounding Kit

Grounding Kit for Titan Guyed Towers

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
75147 1 EACH	Trylon 4.91.0102.000 1 Year	Kit Includes: Ground rods, ground wire and hardware for tower and anchors.	175.00 68 30.91	143. 140. 138.

Tower Tools and Paint [450-26]

Tower Leg Aligner



Leg Aliner is a tool specially designed to aid in aligning tow legs that just dont seem to quite line up properly during tower erecting. While the Leg Aligner is not designed to straighten bent tower legs,its a great time and labor saver getting those stubborn legs together.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
34517 1 EACH	Tower Jack LEG ALINER 1 year	Aligns Rohn 20G, 25G, 45G and 55G tower legs.	46.00 4 1.82	39.1 37.0 36.8
NEW 444179 1 EACH	Tower Jack GIN POLE 10 years	Unit ships as two pieces, bracket to attach to tower section and hooked head for attachment to 12' pipe. Order pipe and hoisting rope separately.	485.00 14 6.36	412. 390. 388.

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ver Jack

Tower Jack is used in dismantling or assembling tower section. Tower Jack hooks in place on your Rohn G tower sections and assists user in sliding together or apart the tower sections.

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
34 CH	Tower Jack TOWER JACK 1 year	Hooks into Rohn 20G, 25G45G and 55G sections.	52.00 3.64 1.65	44.20 41.86 41.60
28 CH	Tower Jack HD TOWER JACK 1 year	Heavy duty version of the original Tower Jack.	76.50 8 3.64	65.03 61.59 61.20
04 CH	Tower Jack HD TOWER COMBO 1 year	Use on Rohn 20G, 25G, 45G and 55G tower sections	104.50 10 4.54	88.83 84.13 83.60

ver Block

The Tower Block when used in conjunction with your Gin-Pole, will let your ground crew stand away from the danger of falling objects and provide a horizontal pull on the Gin-Pole rope.

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
10 CH	Tower Jack TOWER BLOCK 1 year	For use on 5/8" to 3/4" rope. 500 lb capacity. Use on Rohn 20G, 25G, 45G, 55G	73.00 4 1.82	62.05 58.77 58.40

ver Lube.

The T.J. Tower Lube is a Long-lasting lube for those hard to assemble tower sections. It "stays where it is put" and promotes electrical conductivity from section to section.

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
14 CH	Tower Jack TOWER LUBE 1 year	6 ounce container	7.65 0.6 0.27	6.49 6.15 6.11

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TEM	PART NO.	QTY.
ntenna System	see pages 000-000	
ntenna		
ntenna Mount (Tower, Rooftop, Water Tower & Wall)		
ipe Mount Kits		
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umper Assembly (Top)		
ain Feeder	see pages 000-000	
oaxial Cable		
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eatherproofing Kit		
oisting Grips		
rounding Kits (Top)		
anger Kits / Hanger Blocks		
ardware Kits		
ngle Adapter / Beam Clamp		
able Ladder		
rounding Kits (Bottom)		
onnector (Bottom)		
urge Suppression / Lightning Protection		
umper Assembly (Bottom)		
rounding System	see pages 000-000	
round Bus Bar Kit (Tower)		
round Rods		
round Wire		
xothermic Grounding		
iscellaneous Ground Hardware (Lugs)		
aveguide Bridge System	see pages 000-000	
aveguide Bridge Kit		
oax Bridge Kit (Rooftop)		
anger Kits / Hanger Blocks		
rapeze Kit		
helter	see pages 000-000	
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Cables, Fiber Optic 654
Jumpers, Fiber Optic 655

Network Cables 649
Cat 5 649
Multiconductor 653
Telephone 651
Twisted Pair 652

Network Interfaces 669
Hubs 671
Multiplexers 669
Rate & Interface Converters 671
Routers 669
Switches 671

Premise Wiring Supplies 657
110 Connecting Blocks & Accessories ... 660
Cable Management 661
Connectors, Modular & Cat 5 660
Faceplates & Platforms 658
Fiber Optic Items 665
Inserts for Wall Plate / Boxes 657
Patch Cords 665
Patch Panels 664
Raceway & Accessories 662
Surface Mount Platforms / Backboxes ... 659

Security Products 667
CCTV Equipment 667

Surge Protection, Battery Backups, UPS . 642
Batteries for Backup Systems 647
Battery Backup Systems, AC 644
Line Stabilizers / Conditioners, AC 642
Surge Protection, Phone & Fax Line 642
Surge Protectors, AC 643

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AC Line Stabilizer/Conditioners [050-10]

Line Conditioners

Tripp Lite Line Conditioners automatically regulates incoming AC voltage to keep computers and other electronics working thru brownouts and overvoltages without using battery power. Voltage as low as 87 volts and as high as 140 volts is corrected to supply constant 120V power to connected equipment. All models provide surge supression and up to $25,000 Ultimate Lifetime Insurance for connected equipment.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Output Wattage No. of AC Outlets	Auto Overvoltage Regulation Isobar level Protection	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 483372 1 EACH	Tripp Lite LS606M 2 Years	600 6	Yes No	135.00 4.74 2.15	92.48 87.75 81.00
38402 1 EACH	Tripp Lite LC1200 2 Years	1200 4	Yes Yes	172.00 8.7 3.95	117.82 111.80 103.20
76795 1 EACH	Tripp Lite LC1800 2 Years	1800 6	Yes Yes	255.00 11 5	174.68 165.75 153.00
30163 1 EACH	Tripp Lite LC2400 2 Years	2400 6	Yes Yes	385.00 13 5.91	263.73 250.25 231.00

Rack Mounted Line Conditioner

Tripp Lite Rack Mount Line Conditioners automatically regulate incoming AC voltage to keep computers and other electronics working thru brownouts and overvoltages without using battery power. Voltage as low as 87 volts and as high as 140 volts is corrected to supply constant 120V power to connected equipment. 5" x 5 1/2" x 19". Includes surge supression and $25,000 Ultimate Lifetime Insurance for connected equipment.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Output Wattage No. of AC Outlets	Auto Overvoltage Regulation Isobar level Protection	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
25188 1 EACH	Tripp Lite LCR2400 2 Years	2400 12 rear, 2 front	Yes Yes	499.00 27 12.27	341.82 324.35 299.40

Phone and Fax Line Surge Protection [050-12]

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See AC Battery Backup Systems, page 64
Rack Mount AC Protection, page 554

Protect It! Surge Protectors

430193 483195 456162 463149

The Protect It surge protector series provides guaranteed surge protection for virtually any application. Advanced in design yet inexpensive the Protect It models are a cost effective wa to protect your investment in electronic equipment.

- Typically feature 6, 7, or 8 AC outlets and accommodate up to 3 transformers without blocking outlets
- Handle the strongest surges, spikes, and line noise
- Have Up to 15 ft power cords, some with space-saving right angle plugs
- Diagnostic LED's reveals the presence and status o incoming utility power and confirm properly wire safety ground
- Rear keyholes allow mounting to walls or desks

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($ T-2($ T-3($
430193 1 EACH	Tripp Lite TRAVELER Lifetime	2 AC outlets. 1 set of dual ouput (1 in, 2 out) RJ11 jacks. Direct plug-in with retractable plug. Energy rating 510 joules.	25.95 0.5 0.23	17.7 16.8 15.5
414139 1 EACH	Tripp Lite TLP602 Lifetime	6 AC outlets. 2 ft power cord. Energy rating 150 joules.	8.00 0.6 0.27	5.46 5.20 4.80
483195 1 EACH	Tripp Lite TLP604TEL Lifetime	6 AC outlets. 1 set of RJ11 jacks. 4 ft power cord. Energy rating 570 joules.	12.00 1 0.45	8.22 7.80 7.20
456162 1 EACH	Tripp Lite SUPER6TEL Lifetime	7 AC outlets. 1 set of RJ11 jacks. 6 ft power cord. Energy rating 808 joules.	23.00 1.4 0.64	15.7 14.9 13.8
426147 1 EACH	Tripp Lite SUPER6TEL12 Lifetime	7 AC outlets. 1 set of RJ11 jacks. 12 ft power cord. Energy rating 808 joules.	27.00 2 0.91	18.4 17.5 16.2
462127 1 EACH	Tripp Lite SUPER7 Lifetime	7 AC outlets. 7 ft power cord. Energy rating 1402 joules.	28.00 1.6 0.73	19.1 18.2 16.8
490154 1 EACH	Tripp Lite SUPER7TEL Lifetime	7 AC outlets. 1 set of RJ11 jacks. 7 ft power cord with right angle plug. Energy rating 1522 joules.	36.00 1.6 0.73	24.6 23.4 21.6
424145 1 EACH	Tripp Lite SUPER7TEL15 Lifetime	7 AC outlets. 1 set of RJ11 jacks. 15 ft power cord with right angle plug. Energy rating 1672 joules.	48.00 2.4 1.09	32.8 31.2 28.8
451101 1 EACH	Tripp Lite TLP808 Lifetime	8 AC outlets. 8 ft power cord with right angle plug. Energy rating 1200 joules.	28.00 1.8 0.82	19.1 18.2 16.8
463149 1 EACH	Tripp Lite TLP808TEL Lifetime	8 AC outlets. 1 set of dual output (1 in, 2 out) RJ11 jacks. 8 ft power cord with right angle plug. Energy rating 1732 joules.	43.50 2 0.91	29.8 28.2 26.1
424185 1 EACH	Tripp Lite TLP808TELTV Lifetime	8 AC outlets. 1 set dual output (1 in, 2 out) RJ11 jacks. 1 set of F coax jacks. 8 ft power cord with right angle plug. Energy rating 2020 joules.	48.00 2.38 1.08	32.8 31.2 28.8
488179 1 EACH	Tripp Lite TLP810SAT Lifetime	8 AC outlets. 1 set of RJ11 jacks. 2 sets of F coax jacks. 10 ft power cord with right angle plug. Energy rating 2398 joules.	58.00 2.75 1.25	39.7 37.7 34.8
428122 1 EACH	Tripp Lite TLP810NET Lifetime	8 AC outlets. 1 set of RJ11 jacks. 1 set of F coax jacks. 1 set of RJ45 Ethernet jacks. 10 ft power cord with right angle plug. Energy rating 2518 joules.	63.50 2.8 1.27	43.5 41.2 38.1

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ax, Phone Surge Protection

33511 18943 59428 41459

one and data line surge protection is an office essential. PC's with modems or fax boards, fax chines, and phone systems are all subject to the hostile environment of harmful spikes and erference that travel down the telephone line. Without data line protection, you risk faulty nsmissions and premature hardware failure.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
511 ACH	Tripp Lite MP 2 years	Economy wall mount modem/phone line suppressor. 12' phone cord included. Single stage protection with MOV surge chip.	19.95 0.56 0.25	13.67 12.97 11.97
943 ACH	Tripp Lite TSB 2 years	Premium 3 stage data protection for modems, fax machines and telephone lines. RJ11 input with a 12' data cord. Provides 3 stage surge protection through gas tube, diode, and resistors.	59.95 0.24 0.11	41.07 38.97 35.97
428 ACH	Tripp Lite ULTRAFAX Lifetime	Superior RFI/EMI protection. Direct plug in. 2 AC outlets. Fax/Modem line protection. Energy rating 600 joules.	69.95 1 0.45	47.92 45.47 41.97
459 ACH	Tripp Lite ISOTEL 4 Lifetime	4 AC outlet floor model. 6' cord. Fax/modem protection. Energy rating 2700 joules.	99.95 2.85 1.3	68.47 64.97 59.97

per 10 Phone Line Surge Protection

Super 10 Surge Suppressors feature multi-stage suppression circuitry for protection against lightning/surge damage and EMI/RFI interference. Features include 10 AC outlets spaced to accomodate transformer blocks, 10' AC cord, 2 unswitched outlets, power condition warning LED's, 2-line modem/fax protection, right angle AC plug, child safety covers and outlet I.D. stickers.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
201 ACH	Tripp Lite SUPER 10+TEL Lifetime	10 outlet floor model. 10' cord. 2-line fax/modem protection. Energy rating 2300 joules. (3) diagnostic LED's.	69.95 3 1.36	47.92 45.47 41.97

x, Phone Line Surge Protection

Phone and fax line surge protection is an office essential. PC's with modems or fax boards, fax machines, and phone systems are all subject to the hostile environment of harmful spikes and interference that travel down the telephone line. Without dataline protection, you risk faulty transmissions and premature hardware failure.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
251 ACH	Tripp Lite ISOTEL 4 ULTRA Lifetime	4 outlet floor model. 6' cord. 1-line fax/modem protection. 2 filter banks. Diagnostic LED's. Energy rating 2700 joules.	109.95 2.62 1.19	75.32 71.47 65.97
867 ACH	Tripp Lite ISOTEL 6 ULTRA Lifetime	6 outlet floor model. 12' cord. 2-line fax/modem protection. 3 filter banks. Diagnostic LED's. Energy rating 2850 joules.	119.95 3.18 1.45	82.17 77.97 71.97
521 ACH	Tripp Lite ISOTEL 8 ULTRA Lifetime	8 outlet floor model. 12' cord. 1-line fax/modem protection. 4 filter banks. Diagnostic LED's. Energy rating 2850 joules.	134.95 4 1.82	92.45 87.72 80.97

Fax, Phone Surge Protection

American Power Conversion WALL MOUNT surge protectors turns a two outlet socket into three outlets. Features include multi stage protection, site fault wiring LED indicators identifies dangerous wiring problems before you plug in your equipment, EMI/RFI noise filters stops data errors, fast acting fuse reacts to lightning strikes and thermal fuses for sustained overvoltages.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
83450 1 EACH	APC NET3T Lifetime	Direct plug in turns two outlets into three. Mounts on the wall. Energy rating 300 Joules. Includes fax/modem protection.	46.70 1 0.45	38.87 38.08 37.36

AC Surge protectors [050-14]

If you are buying these, you might need:

Equipment Racks . . . . . page 537
Indoor/Outdoor Enclosures . . . . . page 543

Tripp Lite ISOBAR Surge Protection

78044 17906

Tripp Lite ISOBAR direct plug in/ wall mount surge supressor filters surges and other transient noise. Includes a bracket for wall mounting at the outlet. Perfect protection for most equipment including copiers and printers. *UltraCopy has NEMA 5/20A AC wall plug. UL listed. $10,000 Ultimate Lifetime Insurance.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	No. of AC Outlets Let thru Volts	Input Energy Rating (joules)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
78044 1 EACH	Tripp Lite ISOBLOK 2-0 Lifetime	2 330	125 VAC 3 wire plug. 600	48.00 0.67 0.3	32.88 31.20 28.80
42796 1 EACH	Tripp Lite ULTRABLOK 428 Lifetime	2 330	125 VAC 600	59.95 0.9 0.41	41.07 38.97 35.97
17906 1 EACH	Tripp Lite ULTRA COPY Lifetime	2 330	125 VAC* 3 wire plug. 600	79.95 0.95 0.43	54.77 51.97 47.97

Tripp Lite ISOBAR Surge Protection

26437 64830 93193

Tripp Lite Isobar Premium Surge Suppressors feature all-metal housings that stand up to demanding environments. Exclusive Isolated Filter Banks eliminate line noise between connected equipment. Isobars provide premium levels of surge, spike and line noise suppression for computers, peripherals, office equipment anf home electronics. Features include widely spaced outlets, right angle AC plugs, resettable citcuit breakers and illuminated on/off switches. UL listed.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	No. of AC Outlets Let thru Volts	Input Energy Rating (joules)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
26437 1 EACH	Tripp Lite ISOBAR 2-6 Lifetime	2 330V	125 VAC 3 wire plug. 600	59.95 1.87 0.85	41.07 38.97 35.97
64830 1 EACH	Tripp Lite ISOBAR 4 Lifetime	4 330	125 VAC 3 wire plug. 2200	79.95 2.24 1.02	54.77 51.97 47.97
72097 1 EACH	Tripp Lite ISOBAR 4/220 Lifetime	4 330	220 VAC 3 wire plug. 2200	94.50 2.24 1.02	64.74 61.43 56.70
93193 1 EACH	Tripp Lite ISOBAR 6 Lifetime	6 330	125 VAC 3 wire plug. 2350	99.95 2.95 1.34	68.47 64.97 59.97

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Surge Protection, Battery Backups, UPS

Tripplite Ultra Surge Suppressors

63447

Tripp Lite Isobar Premium Surge Suppressors feature all-metal housings that stand up to demanding environments. Exclusive Isolated Filter Banks eliminate line noise between connected equipment. Isobars provide premium levels of surge, spike and line noise suppression for computers, peripherals, office equipment anf home electronics. Features include widely spaced outlets, right angle AC plugs, resettable citcuit breakers and illuminated on/off switches. ULTRA models include diagnostic LED's to alert users to potential problems before connected equipment is put at risk. Instantaneous surge response is provided with suppression of up to 96,000-amp spikes. UL listed.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	No. of AC Outlets Let thru Volts	Input Energy Rating (joules)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
11840	Tripp Lite	4	125 VAC 3 wire plug.	89.95	61.62
1 EACH	ISOBAR 4 ULTRA	330	2200	2.7	58.47
	Lifetime			1.23	53.97
63447	Tripp Lite	6	125 VAC 3 wire plug.	104.95	71.90
1 EACH	ISOBAR 6 ULTRA	330	2350	3.5	68.22
	Lifetime			1.59	62.97
76661	Tripp Lite	8	125 VAC 3 wire plug.	116.95	80.12
1 EACH	ISOBAR 8 ULTRA	330	2350	5	76.02
	Lifetime			2.27	70.17

Tripp Lite Economy Surge Protector

77556

83764

Economical but effective surge suppression for use with computers and other sensitive equipment. Protects against surges, spikes and RFI/EMI noise. UL listed.

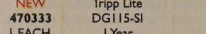
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	No. of AC Outlets Let thru Volts	Input Energy Rating (joules)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
77556	Tripp Lite	1	125 VAC	7.95	5.45
1 EACH	SPIKE CUBE	330	150	0.1	5.17
	1 Year			0.05	4.77
NEW	Tripp Lite	7	125 VAC 3 wire plug	12.00	8.22
428323	STRIKER	330V	480	1.5	7.80
1 EACH	1 Year			0.68	7.20
83764	Tripp Lite	6	125 VAC Duplex plug in.	24.95	17.10
1 EACH	SK6-0	N/A	360	0.47	16.22
	2 Years			0.21	14.97

Waber by Tripp Lite DataGard Series

Waber by Tripp Lite DataGard Series offers high-endurance computer system surge protection. They feature: a seamless steel case with baked-on finish, keyhole mounting slots, EMI'RFI reduction, 450 joule rating, and UL1449 listing.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	No. of AC Outlets Let thru Volts	Input Energy Rating (joules)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Tripp Lite	6	125 VAC	50.40	34.51
470333	DG115-SI	N/A	450	2.5	32.75
1 EACH	1 Year			1.14	30.23

Waber by Tripp Lite Trim Line Series



Waber by Tripp Lite rugged, versatile Trim Line strips provide a real convenience wherever multiple outlet strips are required. Widely used on racks, production lines, workbenches, and lab tables. No wiring...just plug in. SS models have 450 joule surge suppression and EMI/RFI filter. UL1449 rated.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	No. of AC Outlets Let thru Volts	Input Energy Rating (joules)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Tripp Lite	16	125 VAC	94.15	64.49
454345	SS7415-15	N/A	450	4	61.20
1 EACH	1 Year			1.82	56.49
NEW	Tripp Lite	24	125 VAC	100.80	69.05
475308	SS7619-15	N/A	450	4	65.52
1 EACH	1 Year			1.82	60.48

APC Surge Protector

American Power Conversion floor models surge prote arrestors for small office, business and network applica Features include LED's for site wiring faults that indicat dangerous wiring problems before you plug in your equ ment, EMI/RFI line noise filtering stops data errors, fast fuse reacts to lightning strikes, multi stage protection a thermal fuse for sustained overvoltages.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	No. of AC Outlets Let thru Volts	Input Energy Rating (joules)	List ($) Wt. (lbs) Wgt. (kg.)	T
57022	APC	7	120VAC	35.45	2
1 EACH	PRO7	<85 V	320	2.25	2
	Lifetime			1.02	2
70236	APC	7	120VAC	20.85	1
1 EACH	PER7	<300V	240	0.75	1
	Lifetime			0.34	1

Northern Tech. Surge Protection

34047

Direct wall socket AC protector provides critical protection for essenti expensive plug-in equipment. Features non-degrading bipolar silicon aval diode technology with a second-stage MOV protection system and EM noise filtering. NEMA 5-15P plug and (2) NEMA 5-15R receptacles.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	No. of AC Outlets Let thru Volts	Input Energy Rating (joules)	List ($) Wt. (lbs) Wgt. (kg.)	T
34047	Northern Tech.	2	120 VAC, 15 Amp	152.00	1
1 EACH	TCS D2	N/A	564	0.56	1
	3 yrs.			0.25	1

AC Battery Backup Systems [050-30]

If you are buying these, you might need:

Equipment Racks . . . . . page 5
Indoor/Outdoor Enclosures . . . . . page 5

Internet Office Complete Backup

38851

68193

93833

Tripp Lite's Internet Office series offers tection for an entire PC setup! 6 outlets with UPS and surge protection, 3 with su only protection) allow you to protect all peripherals, including heavy-draw printer Built in modem/fax protection keeps sur from causing damage to modems. All mo provide reliable battery backup and surg

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Capacity (watts) No. of AC Outlets	Backup time @ 1/2 load Backup time @ full load	List ($) Wt. (lbs) Wgt. (kg.)	T
38851	Tripp Lite	150	10 min	91.20	7
1 EACH	INTERNET OFF 300	6 (3 UPS+ 3 surge)	3 min	5.4	6
	2 years			2.45	6
68193	Tripp Lite	280	17 min	159.00	1
1 EACH	INTERNET OFF 500	6 (3 + 3)	6 min	16	1
	2 years			7.27	1
93833	Tripp Lite	425	17 min	355.00	2
1 EACH	INTERNET OFF 700	6 (3 + 3)	5 min	20	2
	2 Years			9.09	2

BC Personal Series Backups

Tripp Lite BC Personal series is designed to provide AC backup power to computers, radio and telephone equip during brownouts and blackouts. Features include surge pression, RFI/EMI noise filtering and up-front LED's to i cate AC line power and when battery is being used. Fea a convenient battery door for battery replacement or vice.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Capacity (watts) No. of AC Outlets	Backup time @ 1/2 load Backup time @ full load	List ($) Wt. (lbs) Wgt. (kg.)	T
85425	Tripp Lite	175	15 min.	82.00	6
1 EACH	BC PERSONAL 300	3	4 min.	14	6
	2 years			6.36	6

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inuing product table (2 of 2)

t No. /Uom	Manufacturer Mfg. P/N Warranty	Capacity (watts) No. of AC Outlets	Backup time @ 1/2 load Backup time @ full load	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
2591 ACH	Tripp Lite BC PERSONAL 450 2 years	280 3	17 min. 5 min.	98.50 16.5 7.5	75.85 74.63 74.63

mniPro UPS Systems

Tripp Lite's OMNIPRO line interactive UPS is microprocessor controlled that adjust varying input voltages to let you operate through brownouts without using battery power. Provides blackout, brownout and linenoise protection. Other features include 2-4 ms transfer time, self-test control, low battery indicator light, multi-operational LED's, small footprint, network interface on all models (except OMNIPRO 280).

t No. /Uom	Manufacturer Mfg. P/N Warranty	Capacity (watts) No. of AC Outlets	Backup time @ 1/2 load Backup time @ full load	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
7021 ACH	Tripp Lite OMNIPRO 300 2 years	175 3	17 min. 5 min.	139.00 13 5.91	107.03 105.29 105.29
7874 ACH	Tripp Lite OMNIPRO 500 2 years	300 6	17 min. 5 min.	179.00 15.5 7.04	146.18 146.18 146.18

C Pro Series Backups

Tripplite BC Pro series is designed to provide AC backup power to computers, radio and telephone equipment during brownouts and blackouts. Features include surge suppression, RFI/EMI noise filtering, up-front LED's to indicate AC line power and when battery is in use, audible alarm mute switch, battery self test switch and a Db9 LAN port to support unattended shutdown. PowerAlert software and cabling is included with 1050 and 1400 models.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Capacity (watts) No. of AC Outlets	Backup time @ 1/2 load Backup time @ full load	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
9176 ACH	Tripp Lite BC PRO 850 2 years	570 4	21 min. 6 min.	399.00 26.5 12.04	307.23 301.25 295.43
7569 ACH	Tripp Lite BC PRO 1050 2 years	705 6	23 min. 7 min.	449.00 35 15.91	345.73 339.00 332.26
5962 ACH	Tripp Lite BC PRO 1400 2 years	940 6	23 min. 7 min.	569.00 38.4 17.45	438.13 429.60 421.06

mniSmart UPS System

Tripp Lite's OMNISMART line interactive UPS is microprocessor controlled that adjusts varying input voltages to let you operate through brownouts without using battery power. Provides blackout, brownout and line noise protection. Other features include 2-4 ms transfer time, self-test control, low battery indicator light, multi-operational LED's and small footprint. Includes Windows/Novell/SNMP PNP software and cables.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Capacity (watts) No. of AC Outlets	Backup time @ 1/2 load Backup time @ full load	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
431 ACH	Tripp Lite OMNISMART 300 PNP 2 Years	175 3	15 min. 4 min.	163.60 14.41 6.55	125.95 123.49 121.04
871 ACH	Tripp Lite OMNISMART 850 2 years	570 6	26 min. 9 min.	479.00 29 13.18	368.83 361.65 354.46
264 ACH	Tripp Lite OMNISMART 1050 2 years	705 6	23 min. 7 min.	539.00 38 17.27	415.03 406.95 398.86
299 ACH	Tripp Lite OMNISMART 1400 2 years	940 6	24 min. 8 min.	649.00 45 20.45	499.73 490.00 480.26

Tripp Lite SMARTPRO UPS Systems

Tripp Lite's SMARTPRO intelligent line interactive UPS permits interactive control for network servers and telecom systems. Microprocessor controlled unit provides a standard ASCII data stream at a RS232 port, allowing detailed monitoring and control of every UPS function. Features and benefits include Automatic Voltage Regulation, surge suppression and reliable battery backup with 17 front panel LED's showing performance conditions. PowerAlert Software allows enterprise-wide UPS management in a convenient graphical "icon-tree" format compatible with all major operating systems. 2200NET and 3000NET allow you to add external batteries to expand the backup time. 3000NET includes an L5-30P AC input wall plug.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Capacity (watts) No. of AC Outlets	Backup time @ 1/2 load Backup time @ full load	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
22362 1 EACH	Tripp Lite SMART700NET 2 years	425 6	20 min. 6 min.	339.00 23.42 10.64	261.03 255.95 250.86
84258 1 EACH	Tripp Lite SMART2200NET 2 years	1700 6	23+ (expandable) 11+ (expandable)	999.00 83 37.72	769.23 754.25 739.26
83953 1 EACH	Tripp Lite SMART3000NET 2 years	2400 4+2 (5-20R)	17+ (expandable) 6+ (expandable)	1,499.00 110 50	1,154.23 1,131.75 1,109.26

On-Line Tower Mount UPS System

Tripplite rack/ tower on-line sine wave UPS system. For computer systems that require the ultimate UPS protection. Features include: Zero transfer time, pure sine waveform, full time tight tolerance voltage regulation, complete blackout/ brownout/ spike and line noise protection. Includes extended network/ SNMP management software and cabling. Housing requires only 2U (3 1/2") of rack space or can be used with the included base stands to become a slim tower model.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Capacity (watts) No. of AC Outlets	Backup time @ 1/2 load Backup time @ full load	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36101 1 EACH	Tripp Lite SU1000RT2U 2 Years	800 6	18 min. 6 min.	659.00 62 28.18	510.09 510.09 510.09
36122 1 EACH	Tripp Lite SU2200RT2U 2 Years	1600 4+2 (5-20R)	18 min. 6 min.	1,499.00 99 45	1,154.23 1,131.75 1,109.26
NEW 480176 1 EACH	Tripp Lite SU3000RT3U 2 Years	2100 4+4 (5-20R) +1 (L5-30R)	17 min. 6 min.	1,699.00 90 40.9	1,308.23 1,282.75 1,257.26
NEW 424129 1 EACH	Tripp Lite BP36V142U 2 Years	36V 2U external battery module	For SU1000RT2U (36101) N/A	429.00 54 24.54	330.33 323.90 317.46
NEW 469121 1 EACH	Tripp Lite BP72V12-2U 2 Years	72V 2U external battery module	For SU2200RT2U (36122) and SU3000RT3U (480176)	547.00 59 26.82	421.19 412.99 404.78

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Surge Protection, Battery Backups, UPS

AC Battery Backup Systems [050-3

proxim
The Capacity to Do Great Things.

Tsunami(tm) wireless Ethernet bridges provide cost-effective building-to-building connectivity with 99.999% availability and speeds ranging from 11 to 860 Mbps.

On-Line, Sine Wave UPS Systems

Tripplite/Unison on-line sine wave UPS system. For computer systems that require the ultimate UPS protection. Features include: Zero transfer time, pure sine waveform, full time tight tolerance voltage regulation, complete blackout/brown-out/spike and line noise protection. Includes PowerAlert Enterprise UPS monitoring software and cabling. 208/240VAC input (hardwired), 120/208/240 VAC output (hard-wired).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Capacity (watts) No. of AC Outlets	Backup time @ 1/2 load Backup time @ full load	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36137	Tripp Lite	4200	25 min.	5,499.00	4,234.23
1 EACH	SU6K	Hardwired	10 min.	350	4,151.75
	2 Years			159.08	4,069.26
36145	Tripp Lite	7000	31 min.	9,499.00	7,314.23
1 EACH	SU10K	Hardwired	12 min.	610	7,171.75
	2 Years			277.24	7,029.26

APC Back-UPS Pro

The APC Back-UPS Pro family offers premium power protection as well as network/data-line protection to guard all paths to your system. The product family features:

- Network-manageable shutdown software for Windows 95/98, Windows Me, Windows 2000, and Windows NT
- Automatic Voltage Regulation technology
- Internet or network ready - 1-line phone/fax/modem/DSL or network dataline surge suppression
- Battery + surge and surge-only outlets
- User-replaceable battery system
- Visual alarms
- Building wiring fault indicator
- Intelligent Battery Management system
- Self-diagnostics
- Resettable circuit breaker

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Capacity (watts) No. of AC Outlets	Backup time @ 1/2 load Backup time @ full load	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
411128	APC	170	25 min.	166.75	138.80
1 EACH	BP280S	3	14 min.	20.7	136.00
	2 years			9.41	133.40
76060	APC	260	18 min.	266.80	222.08
1 EACH	BP420S	6	5 min.	20.7	217.60
	2 years			9.41	213.44
62846	APC	410	13 min.	358.55	298.42
1 EACH	BP650S	4	6 min.	26.5	292.40
	2 years			12.04	286.81
98446	APC	670	14 min.	505.30	420.57
1 EACH	BP1000	6	6 min.	47	412.08
	2 Year			21.36	404.21
NEW	APC	410	14.2 min.	336.85	280.38
418356	BP650SI	4	5.5 min.	26.5	274.72
1 EACH	2 years			12.04	269.47
87733	APC	950	12 min.	650.35	541.32
1 EACH	BP1400	6	6 min.	54.1	530.40
	2 Year			24.59	520.26

APC Back-UPS Pro USB

APC Back-UPS Pro 350 and 500 are uniquely designed t improve your productivity by ensuring that your periphe are protected with high performance surge suppression intelligent battery backup. The product family features:

- File-saving, auto-shutdown software for Windows 98, Windows Me, and Mac OS 9 (9.0.4 or higher)
- Configuration software for Windows 2000
- Easy connectivity via a USB port
- Seven outlets - 4 battery + surge and 3 surge only
- Internet ready - 2-line phone/fax/modem/DSL surge suppression
- Automatic Voltage Regulation technology
- User-replaceable battery system
- Visual alarms
- Audible alarms
- Building wiring fault indicator
- Intelligent Battery Management system
- Self-diagnostics
- Resettable circuit breaker

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Capacity (watts) No. of AC Outlets	Backup time @ 1/2 load Backup time @ full load	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
17702	APC	315	19 min.	153.45	127
1 EACH	BP500UC	7	8 min.	15.35	125
	2 years			6.98	122

Complete AC Backup Systems

12696 27701 82868

APC SMART-UPS provide the three essential requi ments of power protection -- reliability, availability, manageability -- through these features:

- Line interactive design
- Sine wave output
- Network-grade line conditioning
- Site-wiring fault indicator
- Automatic self-test
- Interface serial port
- Lightning/surge protection
- Automatic Voltage Regulation technology
- Intelligent battery management system
- User-replaceable, hot-swappable batteries
- PowerChute Plus software for Windows 95/98, Windows NT/2000, Novell NetWare, and SCO Unix
- Built-in SmartSlot for accessory cards
- Load, power, and voltage meters
- Audible alarms
- International models available

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Capacity (watts) No. of AC Outlets	Backup time @ 1/2 load Backup time @ full load	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
494107	APC	260	14 min.	293.50	244
1 EACH	SU420NET	4	6 min.	24	239
	2 years			10.91	234
443164	APC	390	15 min.	385.20	320
1 EACH	SU620NET	4	6 min.	29	314
	2 years			13.18	308
12696	APC	450	17 min.	465.25	387
1 EACH	SU700NET	4	5.1 min.	32	379
	2 years			14.54	372
27701	APC	670	18 min.	673.70	560
1 EACH	SUA1000	8 (NEMA 5-15R)	6.3 min.	48	549
	2 years			21.82	538
NEW	APC	980	23.9 min.	875.45	728
424184	SUA1500	8 (NEMA 5-15R)	6.7 min.	57	714
1 EACH	2 years			25.91	700
23954	APC	1600	24 min.	1,254.00	1,043
1 EACH	SU2200NET	8	9.2 min.	135	1,022
	2 years			61.36	1,003
87289	APC	2250	15 min.	1,999.35	1,664
1 EACH	SU3000NET	8	5.9 min.	142	1,630
	2 Year			64.54	1,599
24770	APC	N/A	Xtra Battery Limit one per unit	441.90	367
1 EACH	SU48BP	N/A	SU3000NET or SU3000RMNET	75	360
	2 Year			34.09	353
82868	APC	2250	18 min.	2,199.45	1,830
1 EACH	SU3000INET	9	7 min.	142	1,793
	2 years			64.54	1,759
432119	APC	3375	17 min.	3,333.35	2,774
1 EACH	SU5000T/AP9621	14	5.9 min.	360	2,718
	2 Year			163.62	2,666

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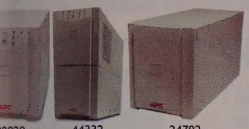
xpandable AC Backup Systems



2820 44332 24792

APC SMART-UPS XL series provides extended runtime when your system cannot be interrupted. UPS incorporates features of the SMART-UPS products plus:

- ended runtime added by simply plugging in additional battery packs
- lundancy provided by adding battery packs
- Cost-effective alternative to oversizing
- International models available

No. Uom	Manufacturer Mfg. P/N Warranty	Capacity (watts) No. of AC Outlets	Backup time @ 1/2 load Backup time @ full load	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
820 ACH	APC SU700XLINET 2 years	700 4	42 min. 12 min.	725.40 58 26.36	603.78 591.60 580.29
EW 3364 ACH	APC SUA750XL 2 years	750 8 (NEMA 5-15R)	50.6 min. 16.6 min.	598.65 58 26.36	498.30 488.24 478.91
0128 ACH	APC UXBP24 2 Year	Ultra-extended runtime N/A	Additional 24V battery APC 700/1000VA XL models	917.15 75.5 34.31	763.40 748.00 733.70
EW 3397 ACH	APC SUA24XLBP 2 years	N/A N/A	Additional 24V battery for the SUA1000XL	398.55 69 31.36	331.74 325.04 318.83
EW 3385 ACH	APC SUA1000XL 2 years	800 8 (NEMA 5-15R)	15 min. 5.4 min.	732.05 46 20.91	609.34 597.04 585.63
332 ACH	APC SU2200XLNET 2 years	1600 8	25 min. 10 min.	1,659.20 112 50.9	1,381.06 1,353.20 1,327.33
839 ACH	APC SU2200XLINET 2 years	1600 9	25 min. 10 min.	1,825.95 140 63.63	1,519.86 1,489.20 1,460.73
792 ACH	APC SU48XLBP 2 years	N/A N/A	Additional 48V battery 2200XL	441.90 73 33.18	367.82 360.40 353.51
075 ACH	APC UXBP48 2 Year	Ultra-extended runtime N/A	Additional 48V battery APC 2200VA XL models	958.85 314 142.71	798.10 782.00 767.05

C Rack Mount Battery Backups

78258

APC SMART-UPS RM series delivers premium uninterruptible power. They provide advanced performance features incorporated from the SMART-UPS products plus:

- mpatibility with all popular rack systems
- ilability in 2, 3, and 5 rack space models
- Availability in extended-run models

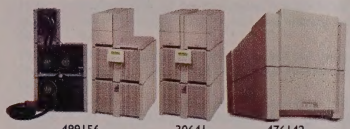
nuing product table (1 of 2)

No. Uom	Manufacturer Mfg. P/N Warranty	Capacity (watts) No. of AC Outlets	Backup time @ 1/2 load Backup time @ full load	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
332 ACH	APC SU700RM2U 2 years	450 6	17 min. 5.1 min.	588.65 55 25	489.97 480.08 470.91
347 ACH	APC SU1000RM2U 2 years	670 6	18 min. 6.3 min.	762.05 69.25 31.47	634.32 621.52 609.64
372 ACH	APC SU1400RM2U 2 years	950 6	15 min. 6 min.	982.20 70.25 31.93	817.54 801.04 785.73
011 ACH	APC SU1400RMXL3U 2 years	1050 6	23 min. 8 min.	1,132.25 70 31.82	942.46 923.44 905.79
051 ACH	APC SU24RMXLBP2U 2 Year	N/A N/A	Additional battery pack SU1400RMXL3U	583.65 80 36.36	485.80 476.00 466.90
258 ACH	APC SU2200RM3U 2 years	1600 8	24 min. 9.2 min.	1,365.70 132 59.99	1,136.78 1,113.84 1,092.55
519 ACH	APC SU2200RMXLNET 2 Year	1600 8	25 min. 10 min.	1,999.35 143 64.99	1,664.22 1,630.64 1,599.47
394 ACH	APC SU48RMXLBP 2 Years	N/A N/A	Additional 48V RM battery APC 1400/2200VA RM XL models	800.40 154 69.99	666.24 652.80 640.32
038 ACH	APC SU3000RM3U 2 Year	2250 8	12.4 min. 4.5 min.	1,832.60 132 59.99	1,525.42 1,494.64 1,466.07
141 ACH	APC SU48RMXLBP3U 2 Years	N/A N/A	Additional 48V RM battery SU3000RMXL3U	665.35 155 70.45	553.82 542.64 532.27

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Capacity (watts) No. of AC Outlets	Backup time @ 1/2 load Backup time @ full load	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
482140 1 EACH	APC SU3000RMXL3U 2 Year	2250 8	12.4 min. 4.5 min.	2,166.10 139 63.18	1,803.02 1,766.64 1,732.87
58826 1 EACH	APC SU3000RMNET 2 Year	2250 8	18.1 min. 5.9 min.	2,042.70 145 65.9	1,700.30 1,666.00 1,634.15

Matrix-UPS



489156 30641 476142

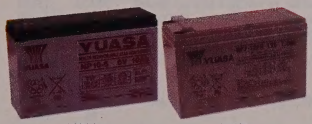
Matrix-UPS provides advanced, modular power management for datacenters and mission-critical servers. With an innovative, high-availability design and included software, Matrix means high reliability and manageability to defend your datacenter. Features include:

- User-replaceable, hot-swappable electronics module and SmartCell battery pack
- PowerChute Plus software for Windows 95, Windows NT, Windows for Workgroups, Novell Netware, and SCO Unix
- Line interactive design
- Sine wave output
- Network-grade line conditioning
- Automatic self-test
- Interface serial port
- Automatic Voltage Regulation technology
- Intelligent battery management system
- Audible alarms

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Capacity (watts) No. of AC Outlets	Backup time @ 1/2 load Backup time @ full load	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
489156 1 EACH	APC MX3000 2 Year	2250 9	18 min. 7 min.	3,733.55 255 115.9	3,107.74 3,045.04 2,986.83
484150 1 EACH	APC MX3000XR 2 Year	2250 9	108 min. 45 min.	4,612.35 474 215.43	3,839.21 3,761.76 3,689.85
30641 1 EACH	APC MX5000 2 Year	3750 9	20 min. 8 min.	5,734.55 360 163.62	4,773.34 4,677.04 4,587.63
496169 1 EACH	APC MX5000XR 2 Year	3750 9	54 min. 22 min.	5,964.65 505 229.52	4,964.88 4,864.72 4,771.72
476142 1 EACH	APC SMARTCELL 2 Year	N/A N/A	Battery pack Matrix series	648.70 70 31.82	539.94 529.04 518.93
435114 1 EACH	APC SMARTCELL-XR 2 Year	N/A N/A	Extended-run battery pack Matrix series	1,527.45 312 141.8	1,271.41 1,245.76 1,221.95

Batteries for Back-up Systems [050-31]

Replacement Batteries



19550 17882

- For use with UPS systems
- Sealed, rechargeable, lead acid batteries
- High-rate, short-term applications
- Glass mat construction
- Other sizes available

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 422307 1 EACH	Yuasa/Exide NP2.6-6	6V 2.6Ah sealed lead acid battery with tab fasteners. 5.28 x 2.64 x 2.52.	49.60 2.47 1.12	43.75 41.67 39.68
81665 1 EACH	Yuasa/Exide NP4-6	6V 4 Ah sealed lead acid battery with tab fasteners. 2.76x1.85x4.15	15.25 2.03 0.92	13.46 12.81 12.20
NEW 430308 1 EACH	Yuasa/Exide NP7-6	6V 7Ah sealed lead acid battery with tab fasteners. 5.95 x 1.33 x 3.84.	21.70 2.98 1.35	19.12 18.21 17.34
19550 1 EACH	Yuasa/Exide NP10-6	6V 10 Ah sealed lead acid battery with tab fasteners. 5.95X1.97X3.84	28.25 4.61 2.1	24.89 23.71 22.58
43524 1 EACH	LexStar Tech. PS-1220	12V 2.2 Ah PowerSonic sealed lead acid battery. 7x2.31x1.25	34.55 2 0.91	17.63 17.57 17.27
69489 1 EACH	Yuasa/Exide NP4-12	12V 4 Ah sealed lead acid battery with tab fasteners. 3.54x2.75x4.17	31.10 3 1.36	27.42 26.11 24.87

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Surge Protection, Battery Backups, UPS Batteries for Back-up Systems [050-

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
17882 I EACH	Yuasa/Exide NP7-12FR	12V 7 Ah sealed lead acid battery with tab fasteners and flame retardant case. 5.95 x 2.56 x 3.84.	32.40 6 2.73	28.56 27.20 25.91
NEW 465301 I EACH	Yuasa/Exide NP12-12	12V 12Ah sealed lead acid battery with tab fasteners. 5.94 x 3.86 x 3.84.	63.35 8.82 4.01	55.86 53.20 50.67
53087 I EACH	Yuasa/Exide NP18-12BFR	12V 17.2 Ah sealed lead acid battery with bolt fasteners and flame retardant case. 7.13 x 2.99 x 6.57.	68.00 13.95 6.34	59.98 57.12 54.40
45978 I EACH	Yuasa/Exide NP24-12BFR	12V 24 Ah sealed lead acid battery with bolt fasteners and flame retardant case. 6.54 X 6.89 X 4.92.	75.00 19 8.64	66.15 63.00 60.00
84371 I EACH	Yuasa/Exide NP38-12FR	12V 38 Ah sealed lead acid battery with bolt fasteners and flame retardant case. 7.70 X 6.50 X 6.89.	110.00 30.5 13.86	97.02 92.40 88.00
67328 I EACH	Tripp Lite 98-121	12V 55 Ah sealed lead acid battery. Used in BC2000LAN (qty 2), BC4000LAN (qty 4), and OMNI2000INT (qty 2).	199.00 58 26.36	136.32 129.35 119.40
91258 I EACH	Tripp Lite BP260	Battery housing with cables to house two 55 Ah batteries. 10.5Hx10.5Wx17D	189.00 5 2.27	129.47 122.85 113.40
438072 I EACH	Tripp Lite BP48V24-2U	Fits Tripplite SMART1400RM-2U (432034), SMART2200RM-2U (416094), SMART3000RM-2U (493050). Eight pre-installed 12V 9 Amp batteries in a 2U 3.5x17x13.24 rackmount housing.	489.00 63 28.63	376.53 369.20 361.86
NEW 417313 I EACH	Yuasa/Exide NPX-150BFR	12VDC, 150W/cell for 15 minutes to 1.67V/cell. Sealed lead acid. Bolt fastener terminals. 7.76 x 6.50 x 6.89.	140.85 34.1 15.5	124.22 118.30 112.67
NEW 477315 I EACH	Deka U1HR1500S	12VDC, 116W/cell for 15 minutes to 1.67V/cell. Sealed lead acid. Flame retardant. With hardware. 7.71 x 5.18 x 7.18 including terminals.	145.20 24 10.91	128.07 121.97 116.16
NEW 410330 I EACH	Deka 22HR2000S	12VDC, 156W/cell for 15 minutes to 1.67V/cell. Sealed lead acid. Flame retardant. With hardware. 8.84 x 5.31 x 8.7 including terminals.	102.70 38.5 17.5	90.57 86.26 82.15
439022 I EACH	Tripp Lite BP48V60RT-3U	Fits Tripplite SMART1400RM-2U (432034), SMART2200RM-2U (416094), SMART3000RM-2U (493050). Twenty pre-installed 12V 12 Ah batteries in a gray steel 5.25x17.5x22.75 3U rack mount or floor standing tower cabinet. Additional batteries may be added.	1,067.00 160 72.72	821.59 805.59 789.58
NEW 460315 I EACH	Deka 24HR3000	12VDC, 262W/cell for 15 minutes to 1.67V/cell. Sealed lead acid. Flame retardant. With hardware. 10.2 x 6.8 x 9.14 including terminals.	145.20 53 24.09	128.07 121.97 116.16
NEW 452303 I EACH	Deka 27HR3500	12VDC, 304W/cell for 15 min. to 1.67V/cell. Sealed lead acid. Flame-retardant. With hardware. 12.17 x 6.8 x 8.68 including terminals.	163.65 63 28.63	144.32 137.45 130.90
NEW 488330 I EACH	Deka 31HR4000	12VDC, 350W/cell for 15 min. to 1.67V/cell. Sealed lead acid. Flame-retardant. With hardware. 12.93 x 6.75 x 9.14 including terminals.	195.00 69 31.36	171.97 163.78 155.98
NEW 488328 I EACH	Deka 31HR5000	12VDC, 475W/cell for 15 min. to 1.67V/cell. Sealed lead acid. Flame-retardant. With hardware. 13.46 x 6.77 x 11.25 including terminals.	290.55 98 44.54	256.25 244.05 232.43
NEW 497389 I EACH	Deka 4DHR6500	12VDC, 624W/cell for 15 min. to 1.67V/cell. Sealed lead acid. Flame-retardant. With hardware. 21.73 x 8.82 x 9.34 including terminals.	380.75 129 58.63	335.83 319.83 304.60
49768 I EACH	Yuasa/Exide RBK520	Batteries for APC Model BK450/600B UPS systems.	50.00 9.2 4.18	44.10 42.00 40.00
36554 I EACH	Yuasa/Exide RBK1250	Batteries for APC Model BK1250 UPS system.	124.00 28 12.73	109.37 104.16 99.20

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Cat 5 Cables [404-10]

Bud Industries, Inc.

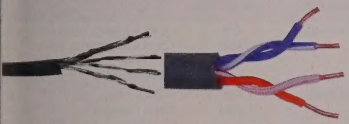
Bud offers a complete line of cabinets, racks and accessories for voice, datacom and wireless applications.

ategory 5 (CAT5) LAN Cable

Category 5 computer drop and/or cross connect cable. Unshielded twisted pair with PVC jacket.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Gauge No. of Pairs	NEC Type Conductor Type	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 7175 FOOT	Belden 1864A 1 yr	24 ga. 25 pr	NEC CMR Solid	Cat 5 Cable, Rip-cord for easy stripping of outer jacket. PVC jacket. Natural	637.90 76 34.54	446.53 398.69 376.37

atagory 5 Twisted Pair Cable

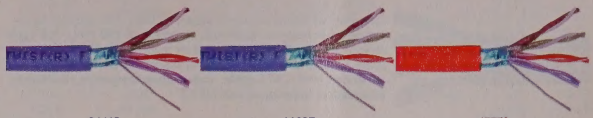


19093 29299

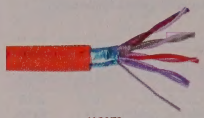
24 gauge, solid conductor, unshielded, twisted-pair cable. Rated for Catagory 5 applications.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Gauge No. of Pairs	NEC Type Conductor Type	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 3315 000 OOT	CommScope, Inc. 5NF4 1 Year	24 ga. 4	CM Solid	CAT 5 Outdoor, Flooded Black	190.00 22 10	161.50 155.80 152.00
EW 9345 000 OOT	CommScope, Inc. 0478R 1 Year	24 ga. 4	CMG Solid	CAT 5 Gray Jacket	64.00 22 10	54.40 52.48 51.20
093 000 OOT	Coleman Cable 96263 1 Year	24 ga. 4	CM Solid	CAT 5 Blue Jacket	105.00 12 5.45	63.00 57.75 53.55
EW 823 000 OOT	Coleman Cable 96263 1 Year	24 ga. 4	CM Solid	CAT 5 Gray Jacket	105.00 12 5.45	63.00 57.75 53.55
EW 834 000 OOT	Coleman Cable 96263 1 Year	24 ga. 4	CM Solid	CAT 5 White Jacket	105.00 12 5.45	63.00 57.75 53.55
299 000 OOT	Belden 1588A	24 ga. 2	CM Solid	CAT 5 Gray Jacket	84.00 14.25 6.48	67.20 63.00 58.80

Category 5 Shielded Twisted Pair



84465 11027 47773

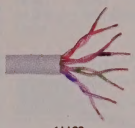


418072

Unshielded twisted pair cable. Polyolefin insulated singles with ripcord. Overall foil shield with drain wire. Supports current Category 5 applications.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Gauge No. of Pairs	NEC Type Conductor Type	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
479169 1 FOOT	Belden 1624R 1 Year	24 ga. 4	CMR Solid	CAT 5 Riser Green jacket	0.35 0.03 0.01	0.28 0.27 0.25
33337 1000 FOOT	Belden 1624R 1 Year	24 ga. 4	CMR Solid	CAT 5 Riser Green Jacket	238.00 33 15	190.40 178.50 166.60
84465 1 FOOT	Belden 1624P 1 Year	24 AWG 4	CMP Solid	CAT 5 Plenum Blue Jacket	0.55 0.03 0.01	0.42 0.39 0.37
11027 1000 FOOT	Belden 1624P 1 Year	24 AWG 4	CMP Solid	CAT 5 Plenum Blue jacket	464.00 28 12.73	371.20 348.00 324.80
47773 1000 FOOT	Belden 1624P-RED 1 Year	24 Ga. 4	CMP Solid	CAT 5 Plenum Red jacket	464.00 32 14.54	371.20 348.00 324.80
418072 1000 FOOT	Belden 1624P 1 Year	24 AWG 4	CMP Solid	CAT 5 Plenum Orange Jacket	464.00 28 12.73	371.20 348.00 324.80

Cat 5 LAN UTP-Plenum Rated



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Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Gauge No. of Pairs	NEC Type Conductor Type	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 420323 1000 FOOT	CommScope, Inc. 0590 1 Year	24 Ga. 4	CMP Solid	CAT5 UTP Plenum Rated Gray	210.00 22 10	178.50 172.20 168.00
61182 1000 PACK	Coleman Cable 966954 1 Year	24 ga. 4	ART 800 Solid	CAT5 UTP cable plenum rated Natural	295.00 21 9.54	177.00 162.25 150.45

Category 5 UV Resistant Jacket

Catagory 5 cable with a UV resistant jacket. Can be used inside or outside.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Gauge No. of Pairs	NEC Type Conductor Type	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
446185 1 FOOT	Belden 1594A 1 Year	24 ga. 4	CMR Solid	CAT 5E White Jacket	0.15 0.02 0.01	0.12 0.12 0.11
431188 1000 FOOT	Belden 1594A 1 Year	24 ga. 4	CMR Solid	CAT 5E Unreel package White Jacket	96.00 21 9.54	76.80 72.00 67.20
92234 1000 FOOT	Essex/Superior Cable 04-001-34 1 Year	24 AWG 4 / Overall Shield	CM Solid	CAT 5 Black Jacket, UV Resistant	455.60 48 21.82	318.92 284.75 268.81
92744 1 FOOT	Essex/Superior Cable 04-001-34 1 Year	24 AWG 4 / Overall Shield	CM Solid	CAT 5 Black Jacket, UV Resistant	0.65 0.05 0.02	0.44 0.39 0.37

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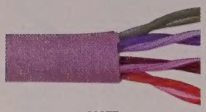
Category 5E Twisted Pair Cable



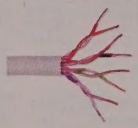
Category 5E cable, unlike Category 5 cable, will support applications that require bandwidth in excess of 100 MHz. For applications such as Gigabit ethernet or analog video over data cable, CAT5E should be used. All aspects of performance are enhanced with CAT5 cable: capacitance, frequency, resistance, attenuation, impedance and NEXT.

90977

- Belden 1700A Series is well suited for high noise applications
- Belden 1583A Series for general applications

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Gauge No. of Pairs	NEC Type Conductor Type	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
418188 1000 FOOT	Remee Products 5A244UTP	24 ga. 4	CM Solid	Cat 5E cable Gray PVC Jacket	70.00 24 10.91	56.00 53.90 51.80
31834 1000 FOOT	Belden 1583A 1 Year	24 ga. 4	CM Solid	CAT 5E cable, Polyolefin insulated PVC jacket, 4 pairs, Gray Jacket	76.00 24 10.91	60.80 57.00 53.20
NEW 415103 1000 FOOT	Belden 1583A F6HU1000 1 Year	24 ga. 4	CM Solid	CAT-5E,polyolefin insulated in Unreel box Gray Jacket	76.00 24 10.91	60.80 57.00 53.20
NEW 453380 1000 FOOT	Belden 1583A 1 Year	24 ga. 4	CM Solid	CAT 5E cable, Polyolefin insulated PVC jacket, 4 pairs, Red Jacket	76.00 24 10.91	60.80 57.00 53.20
90977 1 FOOT	Belden 1583A 1 Year	24 AWG 4	CM Solid	CAT 5E Gray Jacket	0.10 0.03 0.01	0.07 0.06 0.06
35437 1000 FOOT	Belden 1700A 1 Year	24 ga. 4	CM Solid	CAT 5E Blue Jacket	134.00 27.5 12.5	107.20 100.50 93.80
NEW 459306 1000 FOOT	Belden 1700A 1 Year	24 ga. 4	CM Solid	CAT 5E Grey Jacket	134.00 27.5 12.5	107.20 100.50 93.80
NEW 448109 1000 FOOT	Belden 1700R 1 Year	24 ga. 4	CMR Solid	CAT 5E, Riser rated. Gray Jacket	136.00 28 12.73	108.80 102.00 95.20
NEW 448300 1000 FOOT	CommScope, Inc. 55N4R 1 Year	24 ga. 4	CMG Solid	CAT 5e Gray Jacket	116.00 22 10	98.60 95.12 92.80

Cat 5E Plenum Cables



- Belden 1585A for general use in plenums
- Belden 1701A for high noise potential in plenums

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Gauge No. of Pairs	NEC Type Conductor Type	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
17214 1000 FOOT	Belden 1585A 1 Year	24 Ga. 4	CMP Solid	CAT5E UTP Plenum Rated Gray	230.00 26.5 12.04	161.00 143.75 135.70
43727 1000 FOOT	Belden 1585B 1 Year	24 ga. 4	CMP Solid	CAT5e UTP Plenum Rated Hot Pink	282.00 26.5 12.04	225.60 211.50 197.40
NEW 440315 1000 FOOT	CommScope, Inc. 5504M 1 Year	24 Ga. 4	CMP Solid	CAT5e UTP Plenum Rated Gray	276.00 25 11.36	234.60 226.32 220.80
443042 1000 FOOT	Belden 1585A-003 30 Days	24 AWG 4	CMP Solid	CAT5E UTP Plenum Rated Orange	230.00 26.5 12.04	161.00 143.75 135.70
NEW 488186 1000 FOOT	Belden 1585A 30 Days	24 AWG 4	CMP Solid	CAT5E UTP Plenum Rated Blue	230.00 26.5 12.04	184.00 172.50 161.00
NEW 426369 1000 FOOT	Belden 1585A-0021000 30 Days	24 AWG 4	CMP Solid	CAT5E UTP Plenum Rated Red	230.00 26.5 12.04	184.00 172.50 161.00

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Gauge No. of Pairs	NEC Type Conductor Type	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW 487167 1000 FOOT	Belden 1585A-0051000 30 Days	24 AWG 4	CMP Solid	CAT5E UTP Plenum Rated Green	230.00 26.5 12.04	184 172 161
NEW 462184 1000 FOOT	Belden 1585A-8771000 30 Days	24 AWG 4	CMP Solid	CAT5E UTP Plenum Rated Natural	230.00 26.5 12.04	184 172 161
NEW 465115 1000 FOOT	Belden 1701A 1 Year	24 AWG 4	CMP Solid	CAT5E Riser Rated DataTwist 350 Gray	342.00 26 11.82	273 256 239
76379 1000 FOOT	Belden 1701A 1 Year	24 ga. 4	CMP Solid	CAT5E UTP Plenum Rated Natural	342.00 25.1 11.41	273 256 239

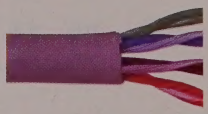
Cross-Connect Wire

454390 425372 472370

Catagory 5 non-plenum cross connect cables. 24 AWG solid bare copper conductors, poly fin insulated, twisted pairs, adjoined singles.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Gauge No. of Pairs	NEC Type Conductor Type	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW 412110 1000 FOOT	Essex/Superior Cable J-1P24CBOD-5 30 Days	24 AWG 1	CM Solid	CAT 5 1 Pair Cross Connect Wire Blue/White	52.00 3.5 1.59	36 32 30
NEW 454390 500 FOOT	Belden 1721X 30 days	24 AWG 1	CM Solid	CAT5 1 Pair Cross Connect Wire White/Blue	27.20 1.75 0.8	21 20 19
NEW 420176 1000 FOOT	Essex/Superior Cable J-2P24CBQC-5 1 Year	24 AWG 2	CM Solid	CAT 5 2 pair Cross Connect Wire Pair color blue/ red & orange/red	82.50 7 3.18	57 51 48
NEW 425372 500 FOOT	Belden 1723X 30 days	24 AWG 3	CM Solid	CAT5 3 Pair Cross Connect Wire White/Blue, White/Orange, White/Green	53.60 5.25 2.39	42 40 37
NEW 472370 500 FOOT	Belden 1724X 30 days	24 AWG 4	CM Solid	CAT5 4 Pair Cross Connect Wire White/Blue, White/Orange, White/Green, White/Brown	68.10 7.2 3.27	54 51 47

Category 6 Unshielded Twisted Pair



High-Performance Category 6 Unshielded Twisted Pair (U Networking Cable.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Gauge No. of Pairs	NEC Type Conductor Type	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 413336 1000 FOOT	CommScope, Inc. 7504 1 Year	23 Ga. 4	CMP Solid	CAT6-400MHz UTP Plenum Gray	494.00 28 12.73	41 40 39
NEW 436324 1000 FOOT	CommScope, Inc. 75N4 1 Year	23 Ga. 4	CMP Solid	CAT6-400MHz UTP Gray	190.00 28 12.73	16 15 15

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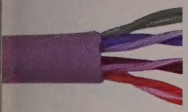
Category 6e Unshielded Twisted Pair



High-Performance Category 6e Unshielded Twisted Pair (UTP) Networking Cable.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Gauge No. of Pairs	NEC Type Conductor Type	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 58340 1000 FOOT	CommScope, Inc. 6ECMP 1 Year	23 Ga. 4	CMP Solid	CAT6e 550MHz UTP Plenum Gray	520.00 28 12.73	442.00 426.40 416.00
NEW 78316 1000 FOOT	CommScope, Inc. 6ECMR 1 Year	23 Ga. 4	CMG Solid	CAT6e 550MHz UTP Gray	260.00 28 12.73	221.00 213.20 208.00

Outdoor Double-Shielded CAT 5 Cable

413070

443088

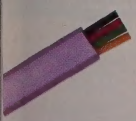
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Gauge No. of Pairs	NEC Type Conductor Type	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
413070 1000 FOOT	Simcona Electronics 1000-1213-1FT 1 year	24 ga. 4	CMX Solid	CAT 5 Double Shielded Black Jacket, UV Resistant	0.55 0.03 0.01	0.53 0.50 0.47
443088 1000 FOOT	Simcona Electronics 1000-1213 1 year	24 4	CMX Solid	CAT 5 Double Shielded Black Jacket, UV Resistant	500.00 33 15	475.00 450.00 425.00

Telephone Cable [404-39]

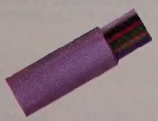
If you are buying these, you might need:

Phone, Data, Twisted Pair Protection. . . . . .page 555
Shelter Cable Support Systems . . . . . .page 530

Silver Satin Flat Telephone Cord



97946



67855

65596

26 ga wire Silver Satin Telephone Station wire.

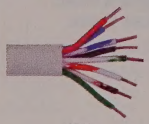
Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Gauge No. of Pairs	NEC type Conductor Type	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
97946 1000 FOOT	Wireless Solutions 4024 30 days	26 ga 4 cond.		Flat Cord Silver Satin	48.00 15 6.82	36.48 35.52 32.64
37851 1000 FOOT	Wireless Solutions 4024 30 days	26 ga 4 cond.		Flat Cord Silver Satin	114.00 10.09 4.59	86.64 84.36 77.52
57855 1000 FOOT	Wireless Solutions 4026 30 days	26 ga 6 cond		Flat Cord Silver Satin	0.20 0.03 0.01	0.13 0.13 0.12
33483 1000 FOOT	Wireless Solutions 4026 30 days	26 ga 6 cond		Flat Cord Silver Satin	17.00 0.03 0.01	12.92 12.58 11.56
34732 1000 FOOT	Wireless Solutions 4026 30 days	26 ga 6 cond		Flat Cord Silver Satin	60.00 9 4.09	45.60 44.40 40.80
65596 1000 FOOT	Wireless Solutions 65-TF268M 30 days	26 ga 8 cond		Flat Cord Silver Satin	0.25 0.02 0.01	0.17 0.17 0.15
70269 1000 FOOT	Wireless Solutions 4028 30 days	26 ga 8 cond		Flat Cord Silver Satin	22.00 2.2 1	16.72 16.28 14.96

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Gauge No. of Pairs	NEC type Conductor Type	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
62498 500 FOOT	Wireless Solutions 65-TF258C 30 days	28 ga 8 cond		Flat Cord Silver Satin	79.30 11 5	60.26 58.67 53.91
33125 1000 FOOT	Wireless Solutions 4028 30 days	26 ga 8 cond		Flat Cord Silver Satin	167.20 35 15.91	127.06 123.72 113.69
60395 1 FOOT	Wireless Solutions 4030 30 days	26 ga 10 cond		Flat Cord Silver Satin	0.40 0.03 0.01	0.31 0.30 0.28

Telephone Network Cable

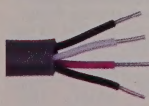


68548

Catagory 3, unshielded twisted pair cable. 24 AWG solid bare copper. Available in plenum (CMP) and riser rated (CMR) versions. Insulation colors conform to the Western Electric standard for telephone wiring. Packaged in an easy to pull "unreel" carton.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Gauge No. of Pairs	NEC type Conductor Type	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
45782 1000 FOOT	Belden 1227A1 1 Year	24 ga. 2	CMR Solid	CAT 3 UTP cable . Riser rated. Gray	52.00 12 5.45	41.60 39.00 36.40
NEW 480152 1000 FOOT	Belden 1232A1 1 Year	24 ga. 25	CMR Solid	CAT 3 UTP cable Riser rated. Gray	442.00 92 41.81	353.60 331.50 309.40
45724 1000 FOOT	Belden 1243A2 1 yr	24 ga. 2 pr	CMP Solid	CAT 3 rated. LS PVC plenum rated White	118.00 17 7.73	94.40 88.50 82.60
68548 1000 FOOT	Belden 1245A2 1 yr	24 ga. 4 pr	CMP Solid	CAT 3 UTP cable. LS PVC plenum rated. White Jacket	156.00 17 7.73	124.80 117.00 109.20

24 ga Unshielded Telephone Cable



32510

76243

56764

Tinned copper, PVC insulated, twisted pairs. Solid conductors. Unshielded telephone cable. Chrome PVC jacket.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Gauge No. of Pairs	NEC type Conductor Type	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
18371 500 FOOT	Belden 9562 1 yr	24 ga. 2 pr	NEC CM Solid	Unshielded Twisted pairs	87.00 20.64 9.38	73.95 61.34 59.16
32510 500 FOOT	Belden 8741U 1 yr	22 ga. 2 pr	NEC MP/CM Solid	Unshielded Twisted pairs	89.70 13 5.91	71.76 67.28 62.79
76243 1 FOOT	Belden 9585 1 yr	24 ga. 25 pr	NEC CM Solid	Unshielded Twisted pairs	1.65 0.14 0.06	1.30 1.22 1.14
56764 500 FOOT	Belden 9585 1 yr	24 ga. 25 pr	NEC CM Solid	Unshielded Twisted pairs	811.70 72.2 32.81	649.36 608.78 568.19
46418 1000 FOOT	Belden 1864A 1 yr	24 ga. 25 pr	NEC CMR Solid	Unshielded Twisted pairs	1,276.00 152 69.08	893.20 797.50 752.84

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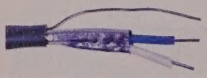
Twisted Pair Cables [404-38]

If you are buying these, you might need:

Phone, Data, Twisted Pair Protection. . . . . .page 555
Shelter Cable Support Systems . . . . . .page 530

CPI – world-class DC, tone, local extensions, multichannel remotes and termination panels for a broad range of mobile and base station radio applications.

T1 and DS-1 Cables



T1/DS-1 cables are suitable for use inside central office buildings or in controlled environment vaults where temperature and humidity are maintained. T1/DS-1 lines are capable of handling up to 1.536 Megabits/second of data. Belden's T1/DS-1 cables feature foil shields to provide superior shield effectivness, greater flexibility and light weight. Bellcore GR-137-CORE Compliant.

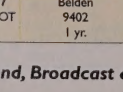
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Gauge No. of Pairs	NEC Type Conductor Type	Nominal O.D. Putup	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
420123	Belden	22 Ga.	NEC CM	.360	360.00	288.00
1000	7838A	2	Soild	1000'	10.1	270.00
FOOT	1 year				4.59	252.00
415129	Belden	22 Ga.	NEC CM	.360	483.80	387.04
1000	7839A	6	Soild	1000'	75	362.85
FOOT	1 year				34.09	338.66

Sound, Broadcast, Audio Cables

Tinned copper, polypropylene insulated, twisted pair. Beldfoil aluminum- polyester shield, 22 AWG solid tinned copper drain wire. Black PVC jacket. 100% shield coverage. Belden miniature-type broadcast, audio cable occupy 1/2 to 2/3 less space than standard cables. Sugg working voltage: 200VRMS.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Gauge No. of Pairs	NEC Type Conductor Type	Nominal O.D. Putup	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
28363	Belden	22 ga.	NEC CM	.46	67.40	53.92
500 FOOT	8450	1 pr	Solid	500'	12.4	50.55
	1 yr.				5.64	47.18

Audio and Computer Cables



Tinned copper, S-R PVC insulated, twisted pairs. Each pair is individually shielded with Beldfoil aluminum-polyester shield and 22 AWG stranded tinned copper drain wire. Overall chrome PVC jacket.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Gauge No. of Pairs	NEC Type Conductor Type	Nominal O.D. Putup	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37377	Belden	20 ga.	NEC CM	.300	262.20	209.76
500 FOOT	9402	2 pr	Stranded	500'	24.5	196.65
	1 yr.				11.14	183.54

Sound, Broadcast & Audio Cable

Tinned copper, polypropylene insulated, twisted pair. Beldfoil aluminum- polyester shield. 22 AWG stranded tinned copper drain wire. Paper wrap, Gray or Black PVC jacket. 100% shield coverage. Belden's miniature type broadcast audio cables occupy 1/2 to 2/3 less space than standard cables. Suggested working voltage: 300V RMS.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Gauge No. of Pairs	NEC Type Conductor Type	Nominal O.D. Putup	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
16831	Belden	22 ga.	NEC CM	.135	0.20	0.15
1 FOOT	8451GRAY	1 pr	Stranded	per ft.	0.01	0.14
	1 yr.				0	0.13

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Gauge No. of Pairs	NEC Type Conductor Type	Nominal O.D. Putup	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
66756	Belden	22 ga.	NEC CM	.135	63.70	50.9
500 FOOT	8451GRAY	1 pr	Stranded	500'	7	47.7
	1 yr.				3.18	44.9
76208	Belden	22 ga.	NEC CM	.135	63.70	50.9
500 FOOT	8451BLK	1 pr	Stranded	500'	6.95	47.7
	1 yr.				3.16	44.9
43259	Belden	22 ga.	NEC CM	.135	126.00	88.2
1000	8451BLK	1 pr	Stranded	1000'	15	78.7
FOOT	1 yr.				6.82	74.3

Plenum-paired Cables

Tinned copper. Teflon insulated, twisted pairs. 100% Beldfo aluminum- polyester shield. Tinned copper drain wire. Red tint teflon jacket. Final put up length may vary (+ or -) 10 for spools shown.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Gauge No. of Pairs	NEC Type Conductor Type	Nominal O.D. Putup	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
87888	Belden	18 ga.	NEC CMP	.157	238.50	190.
500 FOOT	88760	1 pr	Stranded	500'	16.4	178.
	1 yr				7.45	166.

Computer Cales for EIA RS-232

Tinned copper, S-R PVC insulated multi-paired cable with overall Beldfoil aluminum-polyester shield plus 65% tinned copper braid shield. Chrome PVC jacket.

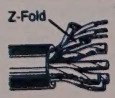
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Gauge No. of Pairs	NEC Type Conductor Type	Nominal O.D. Putup	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
33954	Belden	22 ga.	NEC CM	.320	0.65	0.5
1 FOOT	8303	3 pr	Stranded	per ft	0.05	0.4
	1 yr.				0.02	0.4
94651	Belden	22 ga.	NEC CM	.320	244.60	195.
500 FOOT	8303	3 pr	Stranded	500'	25.7	183.
	1 yr.				11.68	171.
81219	Belden	22 ga.	NEC CM	.320	298.30	238.
500 FOOT	8304	4 pr	Stranded	500'	30.4	223.
	1 yr.				13.82	208.

Sound, Broadcast & Computer Cable

Tinned copper, PVC insulated, twisted pairs. Overall Beldfo aluminum- polyester shield. 22 AWG stranded tinned copp drain wire. Chrome PVC jacket.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Gauge No. of Pairs	NEC Type Conductor Type	Nominal O.D. Putup	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
85690	Belden	22 ga.	NEC CM	.244	119.70	95.7
500 FOOT	9302	2 pr	Solid	500'	15.6	89.7
	1 yr.				7.09	83.7
NEW	Belden	22 ga.	NEC CM	.315"	549.40	439.5
426314	9306	6 pr	Solid	1000'	62	412.0
1000	1 yr.				28.18	384.5
FOOT						

Computer Cables



Tinned copper, polyethylene insulated, twisted pairs. Each pair individually shielded with Beldfoil aluminum-polyester shield and 22 AWG stranded tinned copper drain wire. O all chrome PVC jacket.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Gauge No. of Pairs	NEC Type Conductor Type	Nominal O.D. Putup	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
89437	Belden	22 ga.	NEC CM	.362	351.40	281.
500 FOOT	8778	6 pr	Stranded	500'	43.3	263.
	1 yr.				19.68	245.

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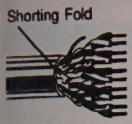
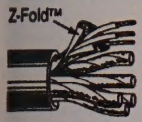
omputer Cables,EIA RS-232



Tinned copper, S-R PVC insulated, twisted pairs. Overall Beldfoil aluminum- polyester shield. 24 AWG stranded tinned copper drain wire. Chrome PVC jacket

t No. /Uom	Manufacturer Mfg. P/N Warranty	Gauge No. of Pairs	NEC Type Conductor Type	Nominal O.D. Putup	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
013	Belden	24 ga.	NEC CM	.222	98.50	78.80
FOOT	9502	2 pr	Stranded	500'	16	73.88
	1 yr				7.27	68.95

omputer Cable



Tinned copper, polypropylene insulated, twisted pairs. Each pair individually shielded with Beldfoil aluminum-polyester shield and 22 AWG stranded tinned copper drain wire. Overall chrome PVC jacket.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Gauge No. of Pairs	NEC Type Conductor Type	Nominal O.D. Putup	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
044	Belden	22 ga.	NEC CM	.273	185.70	148.56
FOOT	8777	3	Stranded	500'	22.2	139.28
	1 yr.				10.09	129.99

vinaxial Cables

Twinaxial transmission line cables offer low-loss signal transmission which remains unaffected by outside signals or noise fields. Recommended for RF applications requiring a cross-talk free, balanced operation.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Gauge No. of Pairs	NEC Type Conductor Type	Nominal O.D. Putup	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
435	Belden	20 ga.	CM CL2	.330	195.00	156.00
PACK	9207	1 pr.	Stranded	500'	32	146.25
	1 Year				14.54	136.50

ound and Control Cable

Tinned copper, PVC insulated, twisted pair. Chrome PVC jacket.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Gauge No. of Pairs	NEC Type Conductor Type	Nominal O.D. Putup	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
328	Belden	14 ga.	NEC CL3	.340	231.80	185.44
FOOT	8473	1 pr	Stranded	500'	28.2	173.85
	1 yr.				12.82	162.26
542	Belden	18 ga.	NEC CM	.234	82.90	66.32
FOOT	8461	1 pr	Stranded	500'	28.2	62.18
					12.82	58.03

ound, Broadcast & Audio Cable

Tinned copper, polyethylene insulated, twisted pair. Beldfoil aluminum- polyester shield. Stranded tinned copper drain wire. Chrome PVC jacket.

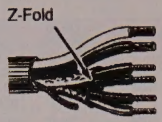
t No. /Uom	Manufacturer Mfg. P/N Warranty	Gauge No. of Pairs	NEC Type Conductor Type	Nominal O.D. Putup	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
3015	Belden	18 ga.	NEC CM	.222	0.25	0.20
OOT	8760	1	Stranded	per foot	0.55	0.19
	1 yr.				0.25	0.18
908	Belden	18 ga.	NEC CM	.222	95.90	76.72
FOOT	8760	1	Stranded	500'	15.5	71.93
	1 yr.				7.04	67.13
865	Belden	20 ga.	NEC CM	.204	97.30	77.84
FOOT	8762	1	Stranded	500'	12.88	72.98
	1 yr.				5.85	68.11

Multiconductor Cables [404-37]

If you are buying these, you might need:

Shelter Cable Support Systems. . . . . page 530

Special Audio Cables



Tinned copper, PVC insulated. 4 conductors are shielded in 100% Beldfoil aluminum-polyester shield coverage. 2 conductors unshielded (22 ga.) with 22 ga tinned copper drain wire. Chrome PVC Jacket. Meets NEC article 800.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Gauge No. of Conductors	NEC Type Conductor Type	Nom. O.D. Putup	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37830	Belden	24/22	NEC CM	.236	377.00	301.60
500 FOOT	8786	6	Stranded	500'	17.5	282.75
	1 YR				7.95	263.90

Sound, Broadcast & Audio Cable

Tinned copper polypropylene insulated, twisted pair. Beldfoil aluminum- polyester shield, 24 AWG stranded tinned copper drain wire. Black PVC jacket. 1266A's unique design features lower capacitance and greater flexibility than standard audio pair constructions.

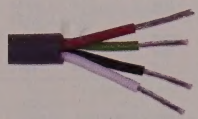
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Gauge No. of Conductors	NEC Type Conductor Type	Nom. O.D. Putup	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
99337	Belden	22 ga.	NEC CM	.145	0.15	0.11
1 FOOT	1266A	1 pr	Stranded	per ft.	0.03	0.10
	1 yr.				0.01	0.09
76163	Belden	22 ga.	NEC CM	.145	132.20	92.54
1000	1266A	1 pr	Stranded	1000'	15	82.63
FOOT	1 yr.				6.82	78.00

Sound, Broadcast & Audio Cable

Tinned copper polypropylene insulated, twisted pair. Beldfoil aluminum-polyester shield, 24 AWG stranded tinned copper drain wire. Gray PVC jacket The jacket & shield are bonded so both can be removed on automatic stripping equipment. Drain wire is on the inside of foil shield. This type cable occupy 1/2 to 2/3 less space than standard cables. Sugg working voltage 300V RMS.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Gauge No. of Conductors	NEC Type Conductor Type	Nom. O.D. Putup	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
55224	Belden	22 ga.	NEC CM	.135	0.15	0.12
1 FOOT	9451	1 pr	Stranded	per ft.	0.01	0.11
	1 yr.				0	0.10
84441	Belden	22 ga.	NEC CM	.135	126.00	88.20
1000	9451	1 pr	Stranded	1000'	14.1	78.75
FOOT	1 yr.				6.41	74.34

Control and Audio Cable



Tinned copper, PVC insulated conductor. Chrome PVC jacket.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Gauge No. of Conductors	NEC Type Conductor Type	Nom. O.D. Putup	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
95433	Belden	20 ga.	NEC CM	.217	208.40	166.72
1000	9444	4	Stranded	1000'	29.9	156.30
FOOT	1 YR				13.59	145.88
97655	Belden	20 ga.	NEC CM	.260	179.70	143.76
500 FOOT	9439	7	Stranded	500'	25.5	134.78
	1 yr.				11.59	125.79
71227	Belden	20 ga.	NEC CM	.317	250.60	200.48
500 FOOT	9455	9	Stranded	500'	5	187.95
	1 YR				2.27	175.42

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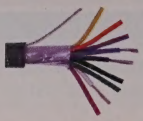
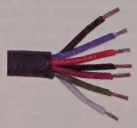
Computer Cables EIA, RS-232



Tinned copper, S-R PVC insulated conductors. Beldfoil aluminum-polyester shield with 24 AWG stranded tinned copper drain wire.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Gauge No. of Conductors	NEC Type Conductor Type	Nom. O.D. Putup	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
44799 500 FOOT	Belden 9536 1 YR	24 ga. 6	NEC CM Stranded	.209 500'	125.80 15 6.82	100.64 94.35 88.06
83192 500 FOOT	Belden 9538 1 yr.	24 ga. 8	NEC CM Stranded	.224 500'	153.40 17 7.73	122.72 115.05 107.38
31585 500 FOOT	Belden 9539 1 YR	24 ga. 9	NEC CM Stranded	.244 500'	164.10 23.44 10.65	131.28 123.08 114.87
69978 500 FOOT	Belden 9540 1 YR	24 ga. 10	NEC CM Stranded	.244 500'	176.60 20.5 9.32	141.28 132.45 123.62

Control, Audio & Computer Cable



Control, Audio & Computer cable for EIA RS-232 Applications. Tinned copper PVC insulated, conductors cabled. Chrome PVC jacket.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Gauge No. of Conductors	NEC Type Conductor Type	Nom. O.D. Putup	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
93184 500 FOOT	Belden 8442 1 yr.	22 ga. 2	NEC CM Stranded	.170 500'	52.00 7.65 3.48	41.60 39.00 36.40
15298 500 FOOT	Belden 9430 1 yr.	22 ga. 7	NEC CM Stranded	.214 500'	125.60 17.3 7.86	100.48 94.20 87.92
59262 1 FOOT	Belden 9430 1 yr.	22 ga. 7	NEC CM Stranded	.214 per ft.	0.25 0.17 0.08	0.20 0.18 0.17
80466 500 FOOT	Belden 9421 1 yr.	22 ga. 8	NEC CM Stranded	.229 500'	144.80 21 9.54	115.84 108.60 101.36

Sound, Broadcast & Audio Cable

Tinned copper, polyethylene insulated, conductors cabled. Beldfoil aluminum polyester shield, 22 AWG stranded tinned copper drain wire. Chrome PVC jacket100% shield coverage.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Gauge No. of Conductors	NEC Type Conductor Type	Nom. O.D. Putup	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
12651 500 FOOT	Belden 8771 1 yr.	22 ga. 3	NEC CM Stranded	.199 500'	87.50 11.5 5.23	70.00 65.63 61.25
64258 500 FOOT	Belden 8770 1 yr.	18 ga. 3	NEC CM Stranded	.246 500'	135.30 19.6 8.91	108.24 101.48 94.71

Fiber Optic Cables [405-10]

If you are buying these, you might need:

Shelter Cable Support Systems. . . . . page 53
Fiber Optic Installer Kits. . . . . page 154
Cable Ties . . . . . page 174
Fiber Optic Inspectors and Certifiers . . . . . page 145

Bud Industries, Inc.

Bud offers a complete line of cabinets, racks and accessories for voice, datacom and wireless applications.

Plenum Breakout Cables

Optical Cable Corporation's tight buffer fiber optic cable. UL Listed type OFNP in accordance with NEC sections 51 (a) and 770-53 (a) for use in ducts, plenums, and air handling spaces. Meets or exceeds requirements for intra-building cables.

- Meets: ANSI X3T9.5 PMD
- ATM 155 Mb/s
- FDDI 100 Mb/s
- Fiber Channel FC-PH
- GR-409-CORE
- ICEA-83-596
- TIA-568, TIA-598-A, TIA-758
- For short and moderate distance links between buildings or within buildings where multiple termination points are needed
- Core-Locked outer jacket
- Helically stranded cable core for flexibility
- Suitable for Indoor and Outdoor use
- Flame Retardant, Fungus Resistant, Water Resistant and UV Resistant
- Bend Radius 15X outside dia.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
57906 1 FOOT	Optical Cable BX04-060K-W-P 1 Year	4 Fiber 62.5 multimode optical cable. 2.0mm subcables. Indoor or outdoor if in conduit away from sunlight. Per Foot. Orange jacket.	1.45 0.31 0.14	0.9 0.9 0.9
57933 1 FOOT	Optical Cable BX04-070K-W-PB 1 Year	4 Fiber 62.5 multimode optical cable. 2.5mm subcables. Indoor or outdoor. Black. Per Foot.	1.55 0.31 0.14	0.9 0.9 0.9
57948 1 FOOT	Optical Cable BX06-070K-W-P 1 Year	6 Fiber 62.5 multimode optical cable. 2.0mm subcables. Indoor or outdoor if in conduit away from sunlight. Gray. Per Foot.	2.10 0.32 0.15	1.3 1.3 1.3
57960 1 FOOT	Optical Cable BX06-090K-W-PB 1 Year	6 Fiber 62.5 multimode optical cable. 2.5mm subcables. Indoor or outdoor. Black. Per Foot.	2.25 0.46 0.21	1.4 1.4 1.3
57973 1 FOOT	Optical Cable BX012-100K-W-P 1 Year	12 Fiber 62.5 multimode optical cable. 2.0mm subcables. Indoor or outdoor if in conduit away from sunlight. Gray. Per Foot.	3.60 0.63 0.29	2.3 2.2 2.2
57977 1 FOOT	Optical Cable BX012-120K-W-PB 1 Year	12 Fiber 62.5 multimode optical cable. 2.5mm subcables. Indoor or outdoor. Black. Per Foot.	4.00 0.89 0.4	2.5 2.5 2.4
57988 1 FOOT	Optical Cable BX024-130K-W-PB 1 Year	24 Fiber 62.5 multimode optical cable. 2.0mm subcables. Indoor or outdoor. Black. Per Foot.	7.15 0.99 0.45	4.5 4.5 4.4

Riser Breakout Cables

Optical Cable Corporation's tight buffer fiber optic cable. UL Listed type OFNR in accordance with NEC sections 51 (b) and 770-53 (b) for use in vertical runs in building shafts or from floor to floor. Meets or exceeds requirements for intra-building cables.

- Meets: ANSI X3T9.5 PMD
- ATM 155 Mb/s
- FDDI 100 Mb/s
- Fiber Channel FC-PH
- GR-409-CORE
- ICEA-83-596
- TIA-568, TIA-598-A, TIA-758
- For short and moderate distance links between buildings or within buildings where multiple termination points are needed
- Core-Locked outer jacket
- Helically stranded cable core for flexibility
- Suitable for Indoor and Outdoor use
- Flame Retardant, Fungus Resistant, Water Resistant and UV Resistant
- Bend Radius 15X outside dia.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
57894 1 FOOT	Optical Cable BX06-095D-W-R 1 Year	6 Fiber 62.5 multimode optical cable. 2.5mm subcables. Indoor/Outdoor Black. Riser Rated. Per Foot.	1.70 0.07 0.03	1.(1.(1.(

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Fiber Optic Cable and Components

ntinuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
57899 FOOT	Optical Cable BX012-125D-W-R 1 Year	12 Fiber 62.5 multimode optical cable. 2.5mm subcables. Indoor/Outdoor Black. Riser Rated. Per Foot.	3.40 0.11 0.05	2.17 2.14 2.12
57905 FOOT	Optical Cable BX024-175D-W-R 1 Year	24 Fiber 62.5 multimode optical cable. 2.5mm subcables. Indoor/Outdoor Black. Riser Rated. Each fiber is tight buffered to 900um. Per Foot.	6.25 0.18 0.08	3.99 3.94 3.89

Plenum Distribution Cables

Optical Cable Corporation's tight buffer fiber optic cables. UL Listed type OFNP in accordance with NEC sections 770-51 (a) and 770-53 (a) for use in ducts, plenums, and air handling spaces. Meets or exceeds requirements for intra-building cables.

Meets: ANSI X3T9.5 PMD
ATM 155 Mb/s
FDDI 100 Mb/s
Fiber Channel FC-PH
GR-409-CORE

CEA-83-596
TIA-568, TIA-598-A, TIA-758

- For LAN and distribution applications
- Core-Locked outer jacket
- Helically stranded cable core for flexibility
- Suitable for Indoor and Outdoor use
- Flame Retardant, Fungus Resistant, Water Resistant and UV Resistant
- Bend Radius 10X outside dia.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
58045 FOOT	Optical Cable DX024-070K-W-P 1 Year	24 Fiber 62.5 multimode optical distribution cable. Indoor/Outdoor if in conduit. Plenum Rated. Each fiber is tight buffered to 900um. Per Foot. Orange jacket.	5.15 0.5 0.23	3.30 3.26 3.22

Riser Distribution Cables

Optical Cable Corporation's tight buffer fiber optic cables. UL Listed type OFNR in accordance with NEC sections 770-51 (b) and 770-53 (b) for use in vertical runs in building riser shafts or from floor to floor. Meets or exceeds requirements for intra-building cables.

Meets: ANSI X3T9.5 PMD

ATM 155 Mb/s

FDDI 100 Mb/s
Fiber Channel FC-PH

GR-409-CORE
CEA-83-596
TIA-568, TIA-598-A, TIA-758

- For short and moderate distance links between buildings or within buildings where multiple termination points are needed
- For use in Truking, LAN, and distribution applications
- Suitable for Indoor and Outdoor use
- Flame Retardant, Fungus Resistant, Water Resistant and UV Resistant
- Bend Radius 10X outside dia.
- Helically stranded cable core for flexibility

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
57997 FOOT	Optical Cable DX024-085D-W-R 1 Year	24 Fiber 62.5 multimode optical distribution cable. Indoor/Outdoor. Black. Riser Rated. Each fiber is tight buffered to 900um. Per Foot.	4.70 0.44 0.2	3.00 2.97 2.93
58030 FOOT	Optical Cable DX024-085D-W-R 1 Year	24 Fiber 62.5 multimode optical distribution cable. Indoor/Outdoor. Orange. Riser Rated. Each fiber is tight buffered to 900um. Per Foot.	4.70 0.44 0.2	3.00 2.97 2.93

ndoor/Outdoor Stranded Loose Tube

CommScope indoor/outdoor tight-buffer cables are designed to meet the rigors of outside plant while allowing for direct connectorization of the individual fibers, yet meet the NEC/CEC requirement of "OFNR" riser cable. The OFNR standard eliminates the need for a splice point at the building entrance.

62.5/125 um Multimode Cable
ARID-CORE water-blocking protection
Standard Color-Coding on Fibers and Buffer Tubes
NEC/CEC OFNR Riser-Rated
3.0 mm Gel-Filled Buffer Tubes
Black PVC Jacket

- -40 to 70 C Operating Temperature
- -20 to 70 C Installation Temperature
- 600 lbs. Maximum Short-Term Load
- 135 lbs. Maximum Long-Term Load
- 5.3" Minimum Unloaded Bending Radius
- 10.6" Minimum Loaded Bending Radius

ntinuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 457314 1000 FOOT	CommScope, Inc. R-002-LN-6U- F12BK 1 Year	2 Fiber 62.5um multimode optical riser cable.	950.00 120 54.54	807.50 779.00 760.00
NEW 487341 1000 FOOT	CommScope, Inc. R-004-LN-6U- F12BK 1 Year	4 Fiber 62.5um multimode optical riser cable.	1,193.00 120 54.54	1,014.05 978.26 954.40

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 421316 1000 FOOT	CommScope, Inc. R-006-LN-6U- F12BK 1 Year	6 Fiber 62.5um multimode optical riser cable.	1,436.00 120 54.54	1,220.60 1,177.52 1,148.80
NEW 460396 1000 FOOT	CommScope, Inc. R-008-LN-6U- F12BK 1 Year	8 Fiber 62.5um multimode optical riser cable.	1,679.00 120 54.54	1,427.15 1,376.78 1,343.20
NEW 475334 1000 FOOT	CommScope, Inc. R-010-LN-6U- F12BK 1 Year	10 Fiber 62.5um multimode optical riser cable.	1,922.00 120 54.54	1,633.70 1,576.04 1,537.60
NEW 451326 1000 FOOT	CommScope, Inc. R-012-LN-6U- F12BK 1 Year	12 Fiber 62.5um multimode optical riser cable.	2,164.00 120 54.54	1,839.40 1,774.48 1,731.20

Fiber Optic Cable Jumpers [405-60]

If you are buying these, you may need:

Shelter Cable Support Systems. . . . . page 530
Cable Ties . . . . . page 1745
Wire Markers . . . . . page 1751

ST-ST Cable Assemblies

31246

Optimum's manufactured fiber cable assemblies come with pre-installed connectors. All assemblies meet or exceed industry standards. Optimum also manufactures custom fiber assemblies. This includes building assemblies to meet mil-spec, exact length and connector requirements.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Fiber Type Number of Fibers	Cable Length Cable Type	Conn 1 Type Conn 2 Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
31246 1 EACH	Optimum Fiberoptics 6S01TMCTMC001 MO 30 Days	Multimode 1	1 Meter Simplex OFNR	ST ST	17.90 0.2 0.09	11.94 11.94 11.94
31295 1 EACH	Optimum Fiberoptics 9S01TPCTPC001M 30 Days	Singlemode 1	1 Meter Simplex OFNR	ST ST	27.65 0.2 0.09	18.43 18.43 18.43
31615 1 EACH	Optimum Fiberoptics 6Z02TMCTMC001 MO 30 Days	Multimode 2	1 Meter Duplex OFNR	ST ST	33.90 0.2 0.09	22.62 22.62 22.62
31632 1 EACH	Optimum Fiberoptics 9Z02TPCTPC001M 30 Days	Singlemode 2	1 Meter Duplex OFNR	ST ST	54.70 0.2 0.09	36.46 36.46 36.46
NEW 412338 1 EACH	Optimum Fiberoptics 9S01TUCTUC001M Y 30 Days	Singlemode 1	1 Meter Simplex ONFR	ST ST	29.90 0.2 0.09	19.95 19.95 19.95
NEW 415372 1 EACH	Optimum Fiberoptics 9S01TUCTUC003M Y 30 Days	Singlemode 1	3 Meters Simplex ONFR	ST ST	31.90 0.2 0.09	21.28 21.28 21.28
NEW 425337 1 EACH	Optimum Fiberoptics 9S01TUCTUC005M Y 30 Days	Singlemode 1	5 Meters Simplex ONFR	ST ST	33.90 0.2 0.09	22.62 22.62 22.62
NEW 427357 1 EACH	Optimum Fiberoptics 5Z02TMCTMC001 MO 30 Days	Multimode 2	1 Meter Duplex ONFR	ST ST	33.90 0.2 0.09	22.62 22.62 22.62
NEW 435355 1 EACH	Optimum Fiberoptics 5S01TMCTMC003 MO 30 Days	Multimode 1	3 Meters Simplex OFNR	ST ST	19.90 0.2 0.09	13.28 13.28 13.28

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Fiber Type Number of Fibers	Cable Length Cable Type	Conn 1 Type Conn 2 Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 441361 1 EACH	Optimum Fiberoptics 9Z02TUCTUC001MY 30 Days	Singlemode 2	1 Meter Duplex ONFR	ST ST	57.90 0.2 0.09	38.62 38.62 38.62
NEW 454355 1 EACH	Optimum Fiberoptics 5S01TMCTMC005MO 30 Days	Multimode 1	5 Meters Simplex OFNR	ST ST	23.90 0.2 0.09	15.95 15.95 15.95
NEW 463318 1 EACH	Optimum Fiberoptics 5S01TMCTMC001MO 30 Days	Multimode 1	1 Meter Simplex OFNR	ST ST	17.90 0.2 0.09	11.94 11.94 11.94
NEW 463363 1 EACH	Optimum Fiberoptics 9Z02TUCTUC003MY 30 Days	Singlemode 2	3 Meters Duplex ONFR	ST ST	61.90 0.2 0.09	41.29 41.29 41.29
NEW 474378 1 EACH	Optimum Fiberoptics 9Z02TUCTUC005MY 30 Days	Singlemode 2	5 Meters Duplex ONFR	ST ST	65.90 0.2 0.09	43.96 43.96 43.96
NEW 479342 1 EACH	Optimum Fiberoptics 5Z02TMCTMC005MO 30 Days	Multimode 2	5 Meters Duplex ONFR	ST ST	41.90 0.2 0.09	27.95 27.95 27.95
NEW 490394 1 EACH	Optimum Fiberoptics 5Z02TMCTMC003MO 30 Days	Multimode 2	3 Meters Duplex ONFR	ST ST	37.90 0.2 0.09	25.28 25.28 25.28
NEW 445307 1 EACH	Optimum Fiberoptics 6S01TMCTMC003M 30 Days	Multimode 1	3 Meter Simplex OFNR	ST ST	19.90 0.25 0.11	13.28 13.28 13.28
NEW 463387 1 EACH	Optimum Fiberoptics 6Z02TMCTMC003MO 30 Days	Multimode 2	3 Meters Duplex OFNR	ST ST	37.90 0.25 0.11	25.28 25.28 25.28
NEW 474340 1 EACH	Optimum Fiberoptics 6S01TMCTMC003MO 30 Days	Multimode 1	3 Meters Simplex OFNR	ST ST	16.40 0.25 0.11	11.71 11.71 11.71
NEW 499387 1 EACH	Optimum Fiberoptics 6Z02TMCTMC005MO 30 Days	Multimode 2	5 Meters Duplex OFNR	ST ST	41.90 0.25 0.11	27.95 27.95 27.95
NEW 436342 1 EACH	Optimum Fiberoptics 6S01TMCTMC005MO 30 Days	Multimode 1	5 Meters Simplex OFNR	ST ST	23.90 0.27 0.12	15.95 15.95 15.95

SC-ST Cable Assemblies

484399

Optimum's manufactured fiber cable assemblies come with pre-installed connectors. All assemblies meet or exceed industry standards. Optimum also manufactures custom fiber assemblies. This includes building assemblies to meet mil-spec, exact length and connector requirements..

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Fiber Type Number of Fibers	Cable Length Cable Type	Conn 1 Type Conn 2 Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 484399 1 EACH	Optimum Fiberoptics 6S01CMCTMC001MO 30 Days	Multimode 1	1 Meter Simplex OFNR	SC ST	19.90 0.2 0.09	13.28 13.28 13.28
NEW 429350 1 EACH	Optimum Fiberoptics 6S01CMCTMC003MO 30 Days	Multimode 1	3 Meters Simplex OFNR	SC ST	23.90 0.2 0.09	15.95 15.95 15.95

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Fiber Type Number of Fibers	Cable Length Cable Type	Conn 1 Type Conn 2 Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 465392 1 EACH	Optimum Fiberoptics 6S01CMCTMC005MO 30 Days	Multimode 1	5 Meters Simplex OFNR	SC ST	25.90 0.2 0.09	17.28 17.28 17.28
NEW 449320 1 EACH	Optimum Fiberoptics 6Z02CMCTMC001MO 30 Days	Multimode 2	1 Meter Duplex OFNR	SC ST	37.90 0.2 0.09	25.26 25.26 25.26
NEW 455363 1 EACH	Optimum Fiberoptics 6Z02CMCTMC003MO 30 Days	Multimode 2	3 Meters Duplex OFNR	SC ST	41.90 0.2 0.09	27.95 27.95 27.95
NEW 446385 1 EACH	Optimum Fiberoptics 6Z02CMCTMC005MO 30 Days	Multimode 2	5 Meters Duplex OFNR	SC ST	45.90 0.2 0.09	30.62 30.62 30.62
NEW 444392 1 EACH	Optimum Fiberoptics 5S01CMCTMC001MO 30 Days	Multimode 1	1 Meter Simplex OFNR	SC ST	19.90 0.2 0.09	13.28 13.28 13.28
NEW 432378 1 EACH	Optimum Fiberoptics 5S01CMCTMC003MO 30 Days	Multimode 1	3 Meters Simplex OFNR	SC ST	23.90 0.2 0.09	15.95 15.95 15.95
NEW 488355 1 EACH	Optimum Fiberoptics 5S01CMCTMC005MO 30 Days	Multimode 1	5 Meters Simplex OFNR	SC ST	25.90 0.2 0.09	17.28 17.28 17.28
NEW 497380 1 EACH	Optimum Fiberoptics 5Z02CMCTMC001MO 30 Days	Multimode 2	1 Meter Duplex OFNR	SC ST	37.90 0.2 0.09	25.28 25.28 25.28
NEW 426327 1 EACH	Optimum Fiberoptics 5Z02CMCTMC003MO 30 Days	Multimode 2	3 Meters Duplex OFNR	SC ST	41.90 0.2 0.09	27.95 27.95 27.95
NEW 414306 1 EACH	Optimum Fiberoptics 5Z02CMCTMC005MO 30 Days	Multimode 2	5 Meters Duplex OFNR	SC ST	45.90 0.2 0.09	30.62 30.62 30.62
NEW 424326 1 EACH	Optimum Fiberoptics 9S01CUCTUC001MY 30 Days	Singlemode 1	1 Meter Simplex OFNR	SC ST	31.90 0.2 0.09	21.28 21.28 21.28
NEW 456185 1 EACH	Optimum Fiberoptics 9S01CUCTUC003MY 30 Days	Singlemode 1	3 Meters Simplex OFNR	SC ST	33.90 0.2 0.09	22.62 22.62 22.62
NEW 417396 1 EACH	Optimum Fiberoptics 9S01CUCTUC005MY 30 Days	Singlemode 1	5 Meters Simplex OFNR	SC ST	35.90 0.2 0.09	23.95 23.95 23.95
NEW 447353 1 EACH	Optimum Fiberoptics 9Z02CUCTUC001MY 30 Days	Singlemode 2	1 Meter Duplex OFNR	SC ST	59.90 0.2 0.09	39.96 39.96 39.96
NEW 436317 1 EACH	Optimum Fiberoptics 9Z02CUCTUC003MY 30 Days	Singlemode 2	3 Meters Duplex OFNR	SC ST	63.90 0.2 0.09	42.63 42.63 42.63
NEW 454302 1 EACH	Optimum Fiberoptics 9Z02CUCTUC005MY 30 Days	Singlemode 2	5 Meters Duplex OFNR	SC ST	67.90 0.2 0.09	45.29 45.29 45.29

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SC Assemblies

31390

Custom Manufactured jumpers have connectors pre-installed.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Fiber Type Number of Fibers	Cable Length Cable Type	Conn 1 Type Conn 2 Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1420 EACH	Optimum Fiberoptics 9S01CPCCPC001M 30 Days	Singlemode 1	1 Meter Simplex OFNR	SC SC	34.70 0.2 0.09	23.15 23.15 23.15
1670 EACH	Optimum Fiberoptics 9Z02CPCCPC001M 30 Days	Singlemode 2	1 Meter Duplex OFNR	SC SC	69.30 0.2 0.09	46.23 46.23 46.23
1029 EACH	Optimum Fiberoptics 9S01CPCCPC005M 30 Days	Singlemode 1	5 Meter Simplex OFNR	SC SC	37.30 0.2 0.09	24.88 24.88 24.88
7650 EACH	Optimum Fiberoptics 9V01CUCCUC001F 30 Days	Single Mode 1	1 Foot Simplex Plenum	SC SC	33.30 0.2 0.09	22.22 22.22 22.22
7673 EACH	Optimum Fiberoptics 9V01CUCCUC002F 30 Days	Single Mode 1	1 Meter Simplex Plenum	SC SC	33.60 0.2 0.09	22.42 22.42 22.42
1000 EACH	Optimum Fiberoptics 9Z02CACCAC002M 30 Days	Single Mode 1	2 Meter Duplex 8.3 OFNR	SC SC	103.00 0.4 0.18	68.68 68.68 68.68
2339 EACH	Optimum Fiberoptics 9S01FPCFCPC003M 30 Days	Singlemode 1	3 Meter Simplex OFNR	FC/PC FC/PC	34.60 0.2 0.09	23.08 23.08 23.08
2340 EACH	Optimum Fiberoptics 9S01FPCFCPC005M 30 Days	Singlemode 1	5 Meter Simplex OFNR	FC/PC FC/PC	35.90 0.2 0.09	23.95 23.95 23.95
2357 EACH	Optimum Fiberoptics 9S01FPCFCPC0010M 30 Days	Singlemode 1	1 Meter Simplex OFNR	FC/PC FC/PC	39.20 0.2 0.09	26.15 26.15 26.15
1390 EACH	Optimum Fiberoptics 6S01CMCCMC001MO 30 Days	Multimode 1	1 Meter Simplex OFNR	SC SC	23.90 0.2 0.09	15.95 15.95 15.95
NEW 5306 EACH	Optimum Fiberoptics 6S01CMCCMC003MO 30 Days	Multimode 1	3 Meters Simplex OFNR	SC SC	25.90 0.2 0.09	17.28 17.28 17.28
NEW 3305 EACH	Optimum Fiberoptics 6S01CMCCMC005MO 30 Days	Multimode 1	5 Meters Simplex OFNR	SC SC	27.90 0.2 0.09	18.61 18.61 18.61
1634 EACH	Optimum Fiberoptics 6Z02CMCCMC001M 30 Days	Multimode 2	1 Meter Duplex OFNR	SC SC	47.90 0.2 0.09	31.95 31.95 31.95
NEW 1342 EACH	Optimum Fiberoptics 6Z02CMCCMC003MO 30 Days	Multimode 2	3 Meters Duplex OFNR	SC SC	51.90 0.2 0.09	34.62 34.62 34.62

ST-SC Cable Assemblies

31427

Custom Manufactured jumpers have connectors pre-installed.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Fiber Type Number of Fibers	Cable Length Cable Type	Conn 1 Type Conn 2 Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
31427 1 EACH	Optimum Fiberoptics 6S01TMCCMC001M 30 Days	Multimode 1	1 Meter Simplex OFNR	ST SC	19.30 0.2 0.09	12.88 12.88 12.88
31528 1 EACH	Optimum Fiberoptics 6Z02TMCCMC001M 30 Days	Multimode 2	1 Meter Duplex	ST SC	38.35 0.2 0.09	25.58 25.58 25.58

Inserts for Wall Plate/Boxes [454-10]

If you are buying these, you might need:

Modular Telephone Connectors . . . . . page 1724

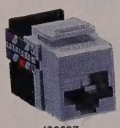
RJ45 USOC Jacks

453039

6-position, 6 conductor QuickPort line offers unprecedented versatility in configuring or adapting communications wiring interfaces to meet virtually any application need. Connectors are available in 13 colors for matching or color-coding. All modules meet or exceed industry standards. Modules are UL certified, fully compliant with NEC article 800, and meet FCC Part 68

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
453039 1 EACH	Leviton Voice & Data 41106-RG6 1yr	6-position 6 conductor USOC Jack, Grey	3.65 0.04 0.02	2.02 1.93 1.86
493001 1 EACH	Leviton Voice & Data 41106-RW6 1yr	6-position 6 conductor USOC Jack, White	3.65 0.04 0.02	2.02 1.93 1.86
497085 1 EACH	Leviton Voice & Data 41106-RI6 1yr	6-position 6 conductor USOC Jack, ivory	3.65 0.04 0.02	2.02 1.93 1.86

Category 3 Jacks



430097

8-position, 8- conductor QuickPort line offers unprecedented versatility in configuring or adapting communications wiring interfaces to meet virtually any application need. Connectors are available in 13 colors for matching or color-coding. All modules meet or exceed industry standards. Modules are UL certified, fully compliant with NEC article 800, and meet FCC Part 68

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
428027 1 EACH	Leviton Voice & Data 41108-RG3 1yr	Category 3, 8 position, 8 conductor non-keyed jack, Grey	3.65 0.04 0.02	2.02 1.93 1.86
430097 1 EACH	Leviton Voice & Data 41108-RW3 1yr	Category 3, 8 position, 8 conductor non-keyed jack, White	3.65 0.04 0.02	2.02 1.93 1.86
448022 1 EACH	Leviton Voice & Data 41108-RI3 1yr	Category 3, 8 position, 8 conductor non-keyed jack, Ivory	3.65 0.04 0.02	2.02 1.93 1.86

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Category 5 Jacks

438090

8-position, 8- conductor QuickPort line offers unprecedented versatility in configuring or adapting communications wiring interfaces to meet virtually any application need. Connectors are available in 13 colors for matching or color-coding. All modules meet or exceed industry standards. Modules are UL certified, fully compliant with NEC article 800, and meet FCC Part 68

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
438090 1 EACH	Leviton Voice & Data 41108-RG5 1yr	power sum category 5, T568A/B Wiring 8-position 8-conductor jack, Keyed. Fits entire QuickPort line, Grey	5.70 0.04 0.02	3.17 3.04 2.92
444053 1 EACH	Leviton Voice & Data 41108-RY5 1yr	power sum category 5, T568A/B Wiring 8-position 8-conductor jack, Non-Keyed. Fits entire QuickPort line, Yellow	5.70 0.04 0.02	3.17 3.04 2.92
451068 1 EACH	Leviton Voice & Data 41108-RI5 1yr	power sum category 5, T568A/B Wiring 8-position 8-conductor jack, Non-Keyed. Fits entire QuickPort line, Ivory	5.70 0.04 0.02	3.17 3.04 2.92
457021 1 EACH	Leviton Voice & Data 41108-RC5 1yr	power sum category 5, T568A/B Wiring 8-position 8-conductor jack, Non-Keyed. Fits entire QuickPort line, Crimson Red	5.70 0.04 0.02	3.17 3.04 2.92
472047 1 EACH	Leviton Voice & Data 41108-RL5 1yr	power sum category 5, T568A/B Wiring 8-position 8-conductor jack, Non-Keyed. Fits entire QuickPort line, Blue	5.70 0.04 0.02	3.17 3.04 2.92
489044 1 EACH	Leviton Voice & Data 41108-RW5 1yr	power sum category 5, T568A/B Wiring 8-position 8-conductor jack, Non-Keyed. Fits entire QuickPort line, White	5.70 0.04 0.02	3.17 3.04 2.92
494084 1 EACH	Leviton Voice & Data 41108-RO5 1yr	power sum category 5, T568A/B Wiring 8-position 8-conductor jack, Non-Keyed. Fits entire QuickPort line, Orange	5.70 0.04 0.02	3.17 3.04 2.92

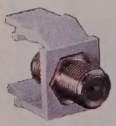
Blank Module

469082

Snap in blank modules fit the entire QuickPort line

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
441017 1 EACH	Leviton Voice & Data 41084-BIB 1yr	Snap in blank module, Ivory	0.25 2 0.91	0.14 0.14 0.13
469082 1 EACH	Leviton Voice & Data 41084-BWB 1yr	Snap in blank module, White	0.25 2 0.91	0.14 0.14 0.13
475037 1 EACH	Leviton Voice & Data 41084-BGB 1yr	Snap in blank module, Grey	0.25 2 0.91	0.14 0.14 0.13

F-Type Bulkhead Module



433031

F-type Bulkhead module, female-female. Fits the entire QuickPort line

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
433031 1 EACH	Leviton Voice & Data 41084-FGF 1yr	F-type bulkhead module, female-female, Grey	2.50 2 0.91	1.39 1.34 1.29

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
469061 1 EACH	Leviton Voice & Data 41084-FWF 1yr	F-type bulkhead module, female-female, White	2.50 2 0.91	1.[illegible] 1.[illegible] 1.[illegible]
477076 1 EACH	Leviton Voice & Data 41084-FIF 1yr	F-type bulkhead module, female-female, Ivory	2.50 2 0.91	1.[illegible] 1.[illegible] 1.[illegible]

Category 5e Jacks

473077

Gigamax 5e connectors surpass TIA category 5e channel sp fications and provides more headroom than category 5 for 1000Base-T and gigabit system performance.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
432035 1 EACH	Leviton Voice & Data 5G108-RE5 1yr	Gigamax cat5e, T568A/B wiring 8-position 8-conductor jack, non-keyed. Fits the entire QuickPort line, Black	6.15 0.04 0.02	3.4 3.2 3.1
446089 1 EACH	Leviton Voice & Data 5G108-RI5 1yr	Gigamax cat5e, T568A/B wiring 8-position 8-conductor jack, non-keyed. Fits the entire QuickPort line, Ivory	6.15 0.04 0.02	3.4 3.2 3.1
473077 1 EACH	Leviton Voice & Data 5G108-RL5 1yr	Gigamax cat5e, T568A/B wiring 8-position 8-conductor jack, non-keyed. Fits the entire QuickPort line, Blue	6.15 0.04 0.02	3.4 3.2 3.1
474032 1 EACH	Leviton Voice & Data 5G108-RO5 1yr	Gigamax cat5e, T568A/B wiring 8-position 8-conductor jack, non-keyed. Fits the entire QuickPort line, Orange	6.15 0.04 0.02	3.4 3.2 3.1
NEW 438330 1 EACH	AESP, Inc. KJ458-C5E-WH 1 Year	AESP Signamax CAT5e keystone jack. Exceeds TIA/EIA-568-B.2. White	3.30 0.25 0.11	3.1 3.0 2.9

Faceplates and Platforms [454-12]

If you are buying these, you may need:

Power Saws . . . . . page 152

Multi-Port Wallplates

Single-gang flush mount wallplates offer field-configurable flexibility in an attractive single-piece housing. A choice of 1,2,3,4 or 6 ports allows for a variety of configurations ar future expansion if needed. The wallplates are fully compa ble with all QuickPort Snap-in Modules including connect or blank fillers.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW 418318 1 EACH	AESP, Inc. SGFK-6-WH 1 Year	Signamax 6 port single gang keystone jack faceplate. White	1.00 0.5 0.23	0.9 0.9 0.9
424086 1 EACH	Leviton Voice & Data 41080-1IP 1yr	1 port, single-gang wallplate, Ivory	2.00 0.04 0.02	1.1 1.0 1.0
451030 1 EACH	Leviton Voice & Data 41080-1WP 1yr	1 port, single-gang wallplate, White	2.00 0.04 0.02	1.1 1.0 1.0
412000 1 EACH	Leviton Voice & Data 41080-2WP 1yr	2 port, single-gang wallplate, White	2.00 0.04 0.02	1.1 1.0 1.0
424027 1 EACH	Leviton Voice & Data 41080-2IP 1yr	2 port, single-gang wallplate, Ivory	2.00 0.04 0.02	1.1 1.0 1.0
491083 1 EACH	Leviton Voice & Data 41080-2GP 1yr	2 port, single-gang wallplate, Grey	2.00 0.04 0.02	1.1 1.0 1.0

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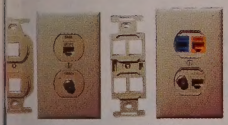
ntinuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
143082 EACH	Leviton Voice & Data 41080-3WP 1yr	3 port, single-gang wallplate, White	2.00 0.04 0.02	1.12 1.07 1.03
180057 EACH	Leviton Voice & Data 41080-3IP 1yr	3 port, single-gang wallplate, Ivory	2.00 0.04 0.02	1.12 1.07 1.03
198019 EACH	Leviton Voice & Data 41080-3GP 1yr	3 port, single-gang wallplate, Grey	2.00 0.04 0.02	1.12 1.07 1.03
147095 EACH	Leviton Voice & Data 41080-4IP 1yr	4 port, single-gang wallplate, Ivory	2.00 0.04 0.02	1.12 1.07 1.03
154093 EACH	Leviton Voice & Data 41080-4GP 1yr	4 port, single-gang wallplate, Grey	2.00 0.04 0.02	1.12 1.07 1.03
191042 EACH	Leviton Voice & Data 41080-4WP 1yr	4 port, single-gang wallplate, White	2.00 0.04 0.02	1.12 1.07 1.03
147034 EACH	Leviton Voice & Data 41080-6WP 1yr	6 port, single-gang wallplate, White	2.00 0.04 0.02	1.12 1.07 1.03
167051 EACH	Leviton Voice & Data 41080-6GP 1yr	6 port, single-gang wallplate, Grey	2.00 0.04 0.02	1.12 1.07 1.03
191058 EACH	Leviton Voice & Data 41080-6IP 1yr	6 port, single-gang wallplate, Ivory	2.00 0.04 0.02	1.12 1.07 1.03

Duplex 106 Wallplate Inserts



411077 470085

The QuickPort Duplex 106 is ideal for applications where two individual modular ports are desired, within the standard '106/NEMA-style' outline that prevails among electrical outlets. It accepts all QuickPort snap-in modules and fits standard NEMA wallboxes and most floor boxes and monuments. It also uses standard duplex wallplates, making installation easier and more cost-effective, particularly in retrofits of existing spaces.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
411077 EACH	Leviton Voice & Data 41087-2IP 1yr	Duplex 106 2-port Field Configurable Platform. Fits NEMA standard wall boxes & wallplates. Ivory	2.15 0.04 0.02	1.19 1.15 1.10
460026 EACH	Leviton Voice & Data 41087-2WP 1yr	Duplex 106 2-port Field Configurable Platform. Fits NEMA standard wall boxes & wallplates. White	2.15 0.04 0.02	1.19 1.15 1.10
466020 EACH	Leviton Voice & Data 41087-2GP 1yr	Duplex 106 2-port Field Configurable Platform. Fits NEMA standard wall boxes & wallplates. Grey	2.15 0.04 0.02	1.19 1.15 1.10
451085 EACH	Leviton Voice & Data 41087-QGP 1yr	Quad 106 4-port Field Configurable Platform. Fits NEMA standard wall boxes & wallplates. Grey	3.05 0.04 0.02	1.68 1.61 1.55
470085 EACH	Leviton Voice & Data 41087-QIP 1yr	Quad 106 4-port Field Configurable Platform. Fits NEMA standard wall boxes & wallplates. Ivory	3.05 0.04 0.02	1.68 1.61 1.55

Decora Wallplate Inserts

Combine voice, data, audio and video in one compact, attractive Decora Wallplate. QuickPort Decora Wallplate Inserts offer designer style to match Leviton Decora electrical switches and outlets, with the capacity and flexibility to support high-tech communications for boardrooms or workstations. QuickPort snap-in modules fit neatly into a single gang Decora wallplate and can be combined with Decora electrical devices (with a barrier box) in a multi-gang wallplate.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
430069 1 EACH	Leviton Voice & Data 41642-00W 1yr	Decora Plus duplex, empty housing only, no jacks, 2 port, White	4.90 0.04 0.02	2.71 2.60 2.50
467050 1 EACH	Leviton Voice & Data 41642-00I 1yr	Decora Plus duplex, empty housing only, no jacks, 2 port, Ivory	4.90 0.04 0.02	2.71 2.60 2.50
481090 1 EACH	Leviton Voice & Data 41642-0GY 1yr	Decora PLus duplex, empty housing only, no jacks, 2 port, Grey	4.90 0.04 0.02	2.71 2.60 2.50

Standard Modular Furniture Faceplates

472028

469075

Bring high performance, a simple snap-in installation, and attractive streamlined appearance to your modular furniture environments

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
472028 1 EACH	Leviton Voice & Data 49900-SE2 1yr	2-port Modular Furniture Faceplate, Black	3.50 0.04 0.02	1.95 1.87 1.80
469075 1 EACH	Leviton Voice & Data 49900-SE4 1yr	4-port Modular Furniture Faceplate with one blank, Black	3.50 0.04 0.02	1.95 1.87 1.80

Surface Mount Platforms / Backboxes [454-14]

Surface Mounts

Leviton's surface mount housings offer fast, economical installation and field configuration for applications where it may not be practical to add a wall box. Accepts all QuickPort modules.

Continuing product table (1 of 2)

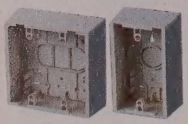
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
422055 1 EACH	Leviton Voice & Data 41089-2IP 1yr	2-port surface mount field configurable housing. Accepts all QuickPort modules, Ivory	2.15 0.2 0.09	1.19 1.15 1.10
463021 1 EACH	Leviton Voice & Data 41089-2WP 1yr	2-port surface mount field configurable housing. Accepts all QuickPort modules, White	2.15 0.2 0.09	1.19 1.15 1.10
448074 1 EACH	Leviton Voice & Data 41089-4GP 1yr	4-port surface mount field configurable housing. Accepts all QuickPort modules, Grey	4.80 0.2 0.09	2.65 2.54 2.45
496078 1 EACH	Leviton Voice & Data 41089-4IP 1yr	4-port surface mount field configurable housing. Accepts all QuickPort modules, Ivory	4.80 0.2 0.09	2.65 2.54 2.45
415055 1 EACH	Leviton Voice & Data 41089-6IP 1yr	6-port surface mount field configurable housing. Accepts all QuickPort modules, Ivory	8.30 0.35 0.16	4.61 4.42 4.25

EW = New Listing. Pricing for reference only.
e TESSCO.com for latest pricing and products.
pyright 2003 all rights reserved.

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
457050 1 EACH	Leviton Voice & Data 41089-6GP 1yr	6-port surface mount field configurable housing. Accepts all QuickPort modules, Grey	8.30 0.35 0.16	4.61 4.42 4.25

Surface Mount Backboxes



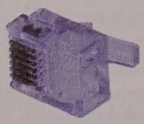
422081 440097

These two piece Surface Mount Backboxes snap snugly together to adapt Leviton flush mount products for surface mountaing on walls, dividers, cabinets, desk or modular furniture.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
422081 1 EACH	Leviton Voice & Data 42777-2IA 1yr	1.89" Dual-gang backbox, Ivory	8.00 0.03 0.01	4.45 4.27 4.11
430080 1 EACH	Leviton Voice & Data 42777-2WA 1yr	1.89" Dual-gang backbox, White	8.00 0.03 0.01	4.45 4.27 4.11
440097 1 EACH	Leviton Voice & Data 42777-1IA 1yr	1.89" Single-gang backbox, Ivory	4.20 0.03 0.01	2.34 2.24 2.16
448086 1 EACH	Leviton Voice & Data 42777-1WA 1yr	1.89" Single-gang backbox, White	4.20 0.03 0.01	2.34 2.24 2.16

Modular and Cat 5 Connectors [454-15]

Modular Telephone Plugs



Modular Connectors for flat stranded, round stranded or rould solid conductor cables.

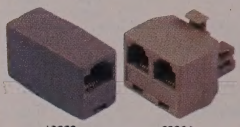
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
27071 50 PACK	AIM Electronics Corp 31-1954-50P 30 Days	4 pin RJ11 connector for flat stranded cable. 15 micron gold pins.	20.00 1 0.45	10.00 8.00 6.90
14171 50 PACK	AIM Electronics Corp 31-1956-50P 30 days	6 pin RJ12 connector for flat stranded cable. 15 micron gold pins.	15.00 0.12 0.05	11.40 11.10 10.20
NEW 465133 50 PACK	AIM Electronics Corp 31-1996-50 30 Days	6 pin RJ12 connector for round solid cable. 15 micron gold pins.	21.20 0.45 0.2	16.09 15.67 14.40
77474 50 PACK	AESP, Inc. KRJ12/50 30 days	6 pin RJ12 connector for flat cable. 15 micron gold pins.	12.00 0.12 0.05	6.00 4.80 4.14
34128 100 PACK	AIM Electronics Corp 32-5988UL 30 Days	8 pin RJ45 connector for round stranded cable. 50 micron gold	58.00 0.36 0.16	29.00 23.20 20.01
38101 50 PACK	AIM Electronics Corp 31-1958-50P 30 Days	8 pin RJ45 connector for flat stranded cable. 15 micron gold pins.	25.00 0.21 0.1	12.50 10.00 8.63
77472 50 PACK	AESP, Inc. KRJ45/50 30 Days	8 pin RJ45 connector for flat cable. 15 micron gold pins.	16.00 0.21 0.1	8.00 6.40 5.52

CAT-5 Modular Connectors

CAT-5 modular connectors are available for round or flat cables with solid or stranded conductors

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
34130 100 PACK	AIM Electronics Corp 32-5998-UL 30 Days	8 pin RJ45 connector for round stranded or solid cable. 50 micron gold	80.00 0.21 0.1	40.00 32.00 27.60
486001 100 PACK	AIM Electronics Corp 32-2098 UL 30 Days	8 pin RJ45 connector for solid, round shielded cable	280.00 0.21 0.1	140.00 112.00 96.60
493176 100 PACK	AIM Electronics Corp 31-2198-UL 30 days	Two-piece, 8 pin, RJ45 modular connector for solid/ stranded cable. 50 micron gold plating.	200.00 0.75 0.34	100.00 80.00 69.00

Modular Couplers



13989 92206

Modular coupler for connecting two cords with up to 8 pins. Cross wired pins 1-4.

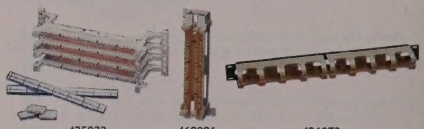
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
13989 1 EACH	Wireless Solutions 13989 30 Days	8 Conductor Modular coupler	5.40 0.02 0.01	4.11 4.00 3.68
17686 1 EACH	Wireless Solutions 17686 30 days	2 for 1 adapter, 8 pin coupler	8.55 0.03 0.01	6.50 6.33 5.82
92206 1 EACH	Wireless Solutions 92206 30 Days	2 for 1 adapter, 4 pin coupler	3.90 0.03 0.01	2.97 2.89 2.66

110 Connecting Blocks and Accessories [454-18]

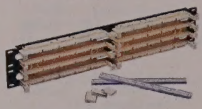
If you are buying these, you may need:

Wire Markers . . . . . page 1751

Wall mount 110 products



425032 468096 426073



466046

Create compact, adaptable 110 termination fields for voice and data by mounting 110 wiring bases to the wall or a back-board. Bases come in 50-, 100- or 300 pair densities. All components are UL listed and now exceed TIA-568-A, category 5e transmission requirments. Verified by independent testing.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
424058 1 EACH	Leviton Voice & Data 41A10-HCM 1yr	Horizontal cable manager with legs	10.65 0.35 0.16	5.91 5.66 5.45
425032 1 EACH	Leviton Voice & Data 41AB2-1FT 1yr	100 pair with legs, Label holders, white strips, 20 C-4 and 4 C-5 connectors, Ivory	35.65 1 0.45	19.81 19.00 18.28

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inuing product table (2 of 2)

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
8096 ACH	Leviton Voice & Data 41DW1-589 1yr	50 pair wall mount wiring base without legs, Ivory	11.55 0.35 0.16	6.41 6.14 5.91
6073 ACH	Leviton Voice & Data 41D1R-HCM 1yr	Rack mount horizontal cable manager without legs, Ivory	32.55 1.5 0.68	18.09 17.34 16.69
6046 ACH	Leviton Voice & Data 41DBR-1FT 1yr	Rack mount, 100 pair, Label holders, white strips, 20 C-4 and 4 C-5 connectors, Ivory	70.00 1.5 0.68	38.92 37.31 35.91
2078 ACH	Leviton Voice & Data 41DBR-3FT 1yr	Rack mount, 300 pair, Label holders, white strips, 60 C-4 and 12 C-5 connectors, Ivory	167.55 4.1 1.86	93.14 89.29 85.94
0086 ACH	Leviton Voice & Data 41AB2-3FT 1yr	300 pair with legs, Label holders, white strips, 20 C-4 and 4 C-5 connectors, Ivory	100.00 3.1 1.41	55.60 53.30 51.30

Cable Management [454-22]

closeable Cable Bars

428044

Metal clad horizontal bar with attached loops (hook and loop-style) screws into rack to manage cables horizontally.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Dimensions, Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
8044 ACH	Leviton Voice & Data 41150-019 1yr	Metal Clad horizontal cable bar, 19"	41.00 3 1.36	22.80 21.86 21.04

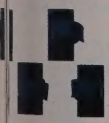
acemarkers

438071

Saves up to 80% installation labor time and requires no rack space to install. The SpaceMaker Cable Manager works well for both new installations or retrofits.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Dimensions, Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
8071 ACH	Leviton Voice & Data 41188-SM1 1yr	Spacemaker cable manager	61.25 1 0.45	34.06 32.65 31.43

ook and Loop Cable Management



476035

These Hook and Loop tie-wraps are ideal for workstation cable management. Hook and Loop material easily reopens for moves, adds and changes. Eliminate tangled wiring in the work area by managing power cords and equipment cords singly or bundled together. Convenient peel-off adhesive for easy mounting.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Dimensions, Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
5035 ACK	Leviton Voice & Data 41225-SAP 1yr	Individual loops with Peel-off adhesive. 20 per pack	19.75 2 0.91	10.98 10.53 10.13

Recloseable "J" Hook

430091

This convenient Hook and Loop-style "J"-hook is height-adjustable to bypass ductwork and other construction obstacles in ceilings. Adjustable circumference firmly holds up to 8" bundle of cable.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Dimensions, Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
430091 1 EACH	Leviton Voice & Data 46700-SLG 1yr	Recloseable "J" hook, black	12.00 1.5 0.68	6.68 6.40 6.16

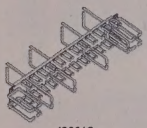
Recloseable Storage Rings

463099

Ensure fiber obtic cable bend radius with the Recloseable Storage Ring. Comes complete with six sturdy Hook and Loop-style loops attached for proper cable management.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Dimensions, Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
463099 1 EACH	Leviton Voice & Data 48900-IFR 1yr	Recloseable storage ring. 11.75" diameter, black	42.55 3 1.36	23.64 22.66 21.81

Combo Front/Rear Manager

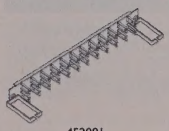


420018

Manages both front and rear cables/cords in a 3.5" high standard rack space. Oversized front rings meet larger-capacity requirments for patch cords. Rear management reduces tension stress and maintains bend in radius of cables routed from inside or outside of vertical channels. Provides retention rings and fixed anchor points for 'loose fit' bundle or tie-wrapped installation techniques using plastic or Hook and Loop tie wraps.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Dimensions, Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
420018 1 EACH	Leviton Voice & Data 49252-PCM 1 yr	19"w x 3.5"h Combo front/rear manager, black	96.80 5 2.27	53.80 51.58 49.64

Cord Organizers



452081

- One-position organizer with vertical distribution rings and individual routing clips.
- Two-Position organizer panel combines horizontal and vertical distribution rings with individual routing clips for patch cord organization between patch panels

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Dimensions, Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
431037 1 EACH	Leviton Voice & Data 49252-P02 1yr	19"w x 3.5"h 2-position patch cord organizer panel, black	80.00 3 1.36	44.48 42.64 41.04
452081 1 EACH	Leviton Voice & Data 49252-P01 1yr	19"w x 1.75"h 1-position patch cord organizer panel, black	75.20 2 0.91	41.82 40.09 38.58
NEW **449318** 1 EACH	AESP, Inc. CDP-175 1 Year	1.5"H x 4"D 1U Rack Mounted cable management panel. Duct on Front. Inlcudes moutnign hardware Black	30.00 3 1.36	28.50 27.90 27.00
NEW **484322** 1 EACH	AESP, Inc. CDP-350 1 Year	3"H x 4"D 2U Rack Mounted cable management panel. Duct on Front. Inlcudes moutnign hardware Black	40.00 3 1.36	38.00 37.20 36.00

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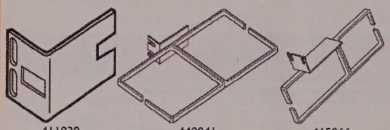
Five-ring Managers

426097

- Standard Interbay Cord manager reduces patch cord bundle congestion and tension stress. The 3"x4" rings on this panel provide management and support for high-capacity cord distribution.
- The Low Provile Cord Manager provides high capacity patch cord distribution between panels.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Dimensions, Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
426097 1 EACH	Leviton Voice & Data 49253-BCM 1yr	19"w x 3.5"h Interbay 5 ring manager, black	51.75 3 1.36	28.78 27.59 26.55
461042 1 EACH	Leviton Voice & Data 49253-LPM 1 yr	19"w x 1.75"h Interbay Low Profile Manager, black	43.90 2 0.91	24.40 23.39 22.51

Vertical Management Components



411030 440041 465066

Highly Flexible, Customizable front and rear vertical management for varying rack configurations. 'Open ring' system can be arranged and changed as needed for total customization and on-site adaptability. An optional tie bracket and divider panel can be added to provide cord and cable separation between racks.

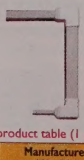
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Dimensions, Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
411030 1 EACH	Leviton Voice & Data 49261-BKT 1yr	Tie Bracket to secure vertical manager ring to adjacent rack, Black	9.75 3.5 1.59	5.43 5.20 5.01
440041 1 EACH	Leviton Voice & Data 49260-MR6 1yr	6" Vertical Manager Ring, Black	32.85 9.5 4.32	18.27 17.51 16.86
465066 1 EACH	Leviton Voice & Data 49260-MR3 1yr	3" Vertical Manager Ring, Black	28.60 6.5 2.95	15.89 15.24 14.67

Raceway and Accessories [454-24]

If you are buying these, you might need:

Saws . . . . . page 1565
Tape, Electrical, and Cold Shrink . . . . . page 1741
Cable Ties . . . . . page 1745

Surface Raceway



Tyton's surface raceway is a one-piece, non-metallic, adhesive-backed latching raceway designed to aesthetically organize and route Category 5 UTP cable and fiber optic cable from the telco closet to the workstation. Available in Electrical Ivory, White, and Office White.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Color	Dimensions (WxHxL) Pieces per package	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
89129 1 EACH	Tyton Corporation WMB2		Dual Sided Horizontal wire management bracket. 1 foot long.	36.00 1 0.45	29.63 29.63 29.63
61630 120 FOOT	Tyton Corporation TSR1FW-6A	Office White	3/4" x 1/2" x 6' 20	112.80 30 13.64	105.13 101.86 98.82
63239 6 FOOT	Tyton Corporation TSR1FW-6A	Office White	3/4" x 1/2" x 6' 1	5.65 1.5 0.68	5.26 5.10 4.95

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Color	Dimensions (WxHxL) Pieces per package	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
69628 120 FOOT	Tyton Corporation TSR11-6A	Ivory	3/4" x 1/2" x 6' 20	112.80 30 13.64	105 101 98.
52667 120 FOOT	Tyton Corporation TSR1W-6A	White	3/4" x 1/2" x 6' 20	112.80 10 4.54	105 101 98.
86809 160 FOOT	Tyton Corporation TSR1FW-8A	Office White	3/4" x 1/2" x 8' 20	147.20 35 15.91	137. 132. 128.
34313 8 FOOT	Tyton Corporation TSR1FW-8A	Office White	3/4" x 1/2" x 8' 1	7.35 1.5 0.68	6.8 6.6 6.4
36811 6 FOOT	Tyton Corporation TSR2FW-6A	Office White	1-1/4" x 3/4" x 6' 1	7.95 1.5 0.68	7.3 7.1 6.9
18021 120 FOOT	Tyton Corporation TSR2I-6A	Ivory	1-1/4" x 3/4" x 6' 20	158.40 32 14.54	147. 143. 138.
91060 120 FOOT	Tyton Corporation TSR2W-6A	White	1-1/4" x 3/4" x 6' 20	158.40 18 8.18	147. 143. 138.
21099 8 FOOT	Tyton Corporation TSR2FW-8A	Office White	1-1/4" x 3/4" x 8' 1	10.35 1.5 0.68	9.6 9.3 9.0
60381 120 FOOT	Tyton Corporation TSR3FW-6A	Office White	1-3/4" x 1" x 6' 20	254.40 35 15.91	237. 229. 222.
59492 6 FOOT	Tyton Corporation TSR3FW-6A	Office White	1-3/4" x 1" x 6' 1	12.75 1.5 0.68	11.8 11. 11.
56414 120 FOOT	Tyton Corporation TSR3I-6A	Ivory	1-3/4" x 3/4" x 6' 20	254.40 35 15.91	237. 229. 222.
98774 160 FOOT	Tyton Corporation TSR3FW-8A	Office White	1-3/4" x 3/4" x 8' 20	335.30 40 18.18	312. 302. 293.
97885 8 FOOT	Tyton Corporation TSR3FW-8A	Office White	1-3/4" x 1" x 8' 1	18.00 1.5 0.68	16. 16. 15.

Splice Covers

Splice covers for joining 2 pieces of surface raceway. Splic covers are Catagory 5 compliant, paintable, and come in three colors; Electrical Ivory, White, and Office White.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Color	Dimensions (WxHxL) Pieces per package	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
32704 10 PACK	Tyton Corporation TSR1FW-14	Office White	3/4" x 1/2" x 2" 10	9.40 2 0.91	8.7 8.4 8.2
94807 10 PACK	Tyton Corporation TSR1I-14	Ivory	3/4" x 1/2" x 2" 10	9.40 2 0.91	8.7 8.4 8.2
77846 10 PACK	Tyton Corporation TSR1W-14	White	3/4" x 1/2" x 2" 10	9.40 2 0.91	8.7 8.4 8.2
19490 10 PACK	Tyton Corporation TSR2FW-14	Office White	1-1/4" x 3/4" x 2" 10	10.10 16 7.27	9.4 9.1 8.8
55165 10 PACK	Tyton Corporation TSR2I-14	Ivory	1-1/4" x 1/2" x 2" 10	10.10 2 0.91	9.4 9.1 8.8
57883 10 PACK	Tyton Corporation TSR3FW-14	Office White	1-3/4" x 1" x 2" 10	11.20 2 0.91	10.4 10.1 9.8
53916 10 PACK	Tyton Corporation TSR3I-14	Ivory	1-3/4" x 1/2" x 2" 10	11.20 2 0.91	10.4 10.1 9.8

NEW = New Listing. Pricing for reference o
See TESSCO.com for latest pricing and produ
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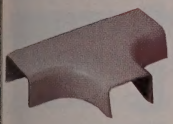
ee Covers



Tee Covers for joining 3 peices of surface raceway. Tee covers are Catagory 5 compliant, paintable, and come in three colors; Electrical Ivory, White, and Office White.

art No. / ty/Uom	Manufacturer Mfg. P/N Warranty	Color	Dimensions (WxHxL) Pieces per package	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
58184 PACK	Tyton Corporation TSR11-21-1	Ivory	2" x 1/2" x 3" 10	9.40 2 0.91	8.77 8.49 8.24
NEW 97102 PACK	Tyton Corporation TSR2FW-21-1	Office White	1 1/4" x 3/4" x 3-1/2" 10	10.10 2 0.91	9.42 9.12 8.85
15495 PACK	Tyton Corporation TSR21-21-1	Ivory	3" x 1/2" x 3-1/2" 10	10.10 2 0.91	9.42 9.12 8.85
32281 PACK	Tyton Corporation TSR3FW-21-1	Office White	1 3/4" x 1" x 4" 10	11.20 16 7.27	10.44 10.12 9.82
70674 PACK	Tyton Corporation TSR31-21-1	Ivory	3-1/2" x 1/2" x 4" 10	11.20 2 0.91	10.44 10.12 9.82

lbow Covers

Elbow covers used to join 2 pieces of surface raceway at a horizontal 90 degree angle. These elbow covers are Catagory 5 compliant, paintable, and come in three colors; Electrical Ivory, White, and Office White.

art No. / y/Uom	Manufacturer Mfg. P/N Warranty	Color	Dimensions (WxHxL) Pieces per package	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
19067 PACK	Tyton Corporation TSR1FW-25-1	Office White	3/4" x 1/2" x 2" 10	9.40 2 0.91	8.77 8.49 8.24
67460 PACK	Tyton Corporation TSR11-25-1	Ivory	2" x 1/2" x 2" 10	9.40 2 0.91	8.77 8.49 8.24
95853 PACK	Tyton Corporation TSR1W-25-1	White	3/4" x 1/2" x 2" 10	9.40 2 0.91	8.77 8.49 8.24
12639 PACK	Tyton Corporation TSR21-25-1	Ivory	2-1/2" x 1/2" x 2-1/2" 10	10.10 2 0.91	9.42 9.12 8.85
59425 PACK	Tyton Corporation TSR3FW-25-1	Office White	1 3/4" x 1" x 3-1/2" 10	11.20 2 0.91	10.44 10.12 9.82
17818 PACK	Tyton Corporation TSR31-25-1	Ivory	3-1/2" x 1/2" x 3-1/2" 10	11.20 16 7.27	10.44 10.12 9.82

xternal Covers

External covers are used to join 2 pieced of surface raceway at a 90 degree, vertical angle. These external covers are Catagory 5 compliant, paintable, and come in three colors; Electrical Ivory, White, and Office White.

Continuing product table (1 of 2)

art No. / y/Uom	Manufacturer Mfg. P/N Warranty	Color	Dimensions (WxHxL) Pieces per package	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
46211 PACK	Tyton Corporation TSR1FW-29-1	Office White	3/4" x 1/2" x 2" 10	15.90 2 0.91	14.82 14.36 13.93
29783 PACK	Tyton Corporation TSR2FW-29-1	Office White	3" x 1/2" x 3" 10	17.70 2 0.91	16.50 15.99 15.51
18176 PACK	Tyton Corporation TSR21-29-1	Ivory	3" x 1/2" x 3" 10	17.70 2 0.91	16.50 15.99 15.51
14962 PACK	Tyton Corporation TSR3FW-29-1	Office White	4" x 1/2" x 4" 10	20.20 2 0.91	18.83 18.25 17.70

Continuing product table (2 of 2)

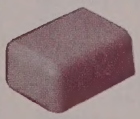
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Color	Dimensions (WxHxL) Pieces per package	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
93355 10 PACK	Tyton Corporation TSR31-29-1	Ivory	4" x 1/2" x 4" 10	20.20 2 0.91	18.83 18.25 17.70

Internal Covers

Internal covers are used to join 2 pieced of surface raceway at a 90 degree, vertical angle. These internal covers are Catagory 5 compliant, paintable, and come in three colors; Electrical Ivory, White, and Office White.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Color	Dimensions (WxHxL) Pieces per package	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
41748 10 PACK	Tyton Corporation TSR1FW-33-1	Office White	3/4" x 1/2" x 2" 10	9.40 0.28 0.13	8.77 8.49 8.24
80141 10 PACK	Tyton Corporation TSR11-33-1	Ivory	2" x 1/2" x 2" 10	9.40 2 0.91	8.77 8.49 8.24
15320 10 PACK	Tyton Corporation TSR21-33-1	Ivory	2-1/2" x 1/2" x 2-1/2" 10	10.10 2 0.91	9.42 9.12 8.85
40499 10 PACK	Tyton Corporation TSR3FW-33-1	Office White	3-1/2" x 1/2" x 3-1/2" 10	11.20 2 0.91	10.44 10.12 9.82

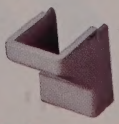
End Caps



End caps are used to terminate a run of surface raceway. These end caps are Catagory 5 compliant, paintable and come in three colors; Electrical Ivory, White, and Office White.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Color	Dimensions (WxHxL) Pieces per package	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
79315 10 PACK	Tyton Corporation TSR1FW-36	Office White	3/4" x 1/2" x 3/4" 10	9.40 2 0.91	8.77 8.49 8.24
68379 10 PACK	Tyton Corporation TSR11-36	Ivory	3/4" x 1/2" x 3/4" 10	9.40 2 0.91	8.77 8.49 8.24
27708 10 PACK	Tyton Corporation TSR2FW-36	Office White	1-1/4" x 3/4" x 1-1/4" 10	10.10 16 7.27	9.42 9.12 8.85
67130 10 PACK	Tyton Corporation TSR21-36	Ivory	1-1/4" x 1/2" x 1-1/4" 10	10.10 2 0.91	9.42 9.12 8.85
66101 10 PACK	Tyton Corporation TSR3FW-36	Office White	1-3/4" x 1" x 1-3/4" 10	11.20 2 0.91	10.44 10.12 9.82
65881 10 PACK	Tyton Corporation TSR31-36	Ivory	1-3/4" x 1/2" x 1-3/4" 10	11.20 2 0.91	10.44 10.12 9.82

Ceiling Drops



Ceiling drops are used to start a run of surface raceway from a ceiling. Ceiling drops are Catagory 5 compliant, paintable, and come in three colors; Electrical Ivory, White, and Office White

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Color	Dimensions (WxHxL) Pieces per package	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
14494 10 PACK	Tyton Corporation TSR1FW-50	Office White	3/4" x 1/2" x 1-1/2" 10	14.70 2 0.91	13.70 13.28 12.88
16772 10 PACK	Tyton Corporation TSR11-50	Ivory	3/4" x 1-1/2" x 1-1/2" 10	14.70 2 0.91	13.70 13.28 12.88
38204 10 PACK	Tyton Corporation TSR1W-50	White	3/4" x 1/2" x 1-1/2" 10	14.70 16 7.27	13.70 13.28 12.88

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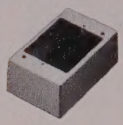
Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Color	Dimensions (WxHxL) Pieces per package	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 91280 10 PACK	Tyton Corporation TSR2FW-50	Office White	1-1/4" x 3/4" x 3" 10	15.50 2 0.91	14.45 14.00 13.58
15523 10 PACK	Tyton Corporation TSR2I-50	Ivory	1-1/2" x 3" x 3" 10	15.50 2 0.91	14.45 14.00 13.58
78066 10 PACK	Tyton Corporation TSR3FW-50	Office White	1-3/4" x 1" x 3-1/2" 10	16.40 2 0.91	15.29 14.81 14.37
14274 10 PACK	Tyton Corporation TSR3I-50	Ivory	1-3/4" x 3-1/2" x 3-1/2" 10	16.40 2 0.91	15.29 14.81 14.37

Junction Boxes



Tyton low voltage junction boxes are available in varying depths, and are equipped with concentric knockouts for surface raceway. All come with adhesive strips on the back, are Catagory 5 compliant, and accept any standard NEMA faceplate

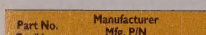
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Color	Dimensions (WxHxL) Pieces per package	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
75568 1 EACH	Tyton Corporation TSRFW-JB1	Office White	3 x 4-3/4" x 1-1/4" 1	5.45 0.24 0.11	5.05 4.89 4.74
23741 1 EACH	Tyton Corporation TSRI-JB1	Ivory	3 x 4-3/4" x 1-1/4" 1	5.45 0.24 0.11	5.05 4.89 4.74
23961 1 EACH	Tyton Corporation TSRFW-JB2	Office White	3 x 4-3/4" x 2" 1	5.80 0.23 0.1	5.40 5.23 5.08
62134 1 EACH	Tyton Corporation TSRI-JB2	White	3 x 4-3/4" x 2" 1	5.80 0.24 0.11	5.40 5.23 5.08
62354 1 EACH	Tyton Corporation TSRFW-JBD	Office White	4.91" x 4.83" x 1-1/2" 1	10.65 0.24 0.11	9.93 9.62 9.33

Patch Panels [454-28]

If you are buying these, you might need:

Modular Telephone Connectors . . . . . .page 1724

QuickPort Patch Panel

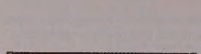


439068

Create a Category 5, 5e or 6 panel instantly by matching Leviton performance connectors with versatile QuickPort patch panels and patch blocks. Field-configure with any 5e, GigaMax 5e Plus and eXtreme 6, to obtain the exact performance level you require.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Dimensions	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
439068 1 EACH	Leviton Voice & Data 49255-H24 1yr	Hight density 24-Port patch panel with wire management bar 3.5" H x 19" W	82.50 2.5 1.14	45.87 43.98 42.33

Category 5 Patch Panel



418036

462055

486065

Not satisfied with simply meeting standard Category 5 specifications, Leviton's Category 5 system delivers significantly more usable bandwidth than a standard Category 5 system.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Dimensions	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
418036 1 EACH	Leviton Voice & Data 59484-U24 1 yr	24-port Category 5 PowerSum Patch Panel	157.15 2 0.91	87.37 83.75 80.61
462055 1 EACH	Leviton Voice & Data 59484-U48 1 yr	48-port Category 5 PowerSum Patch Panel	325.00 3.14 1.43	180.70 173.2 166.7
486065 1 EACH	Leviton Voice & Data 59484-U89 1 yr	12-Port Patch Block	103.95 1 0.45	57.80 55.41 53.33

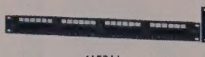
Gigamax Patch Panel

421023

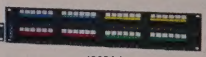
Bandwidth. Performance. Quality. With the GigaMax Cat 5e systems from Leviton Voice & Data Divison you can have it all. GigaMax 5e surpasses TIA Category 5e channel specifications and provides more headroom than Category 5 for 1000Base-T and gigabit system performance.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Dimensions	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
421023 1 EACH	Leviton Voice & Data 5G584-U24 1 yr	24-Port GigaMax patch panel universal T568A/B wired	167.90 2 0.91	93.35 89.48 86.13

SignaMax Patch Panels



415311



490314

SignaMax Category 5e patch panelsengineered for high performance, high density and easy installation. Panels exceed TIA/EIA-568-B.2 specifications. Designed for strength, allowing termination with a standard multipare 110 impact tool to reduce install time.

- Punches down with 110 tool
- Fully enclosed for protection of printed circuitry
- Inlcudes integrated cable management feature
- Universal wiring T568A/B

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Dimensions	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 415311 1 EACH	AESP, Inc. 24458MD-C5E 1 Year	24 Port Signamax Cat 5E Patch Panel	100.00 1.3 0.59	95.00 93.00 90.00
NEW 490314 1 EACH	AESP, Inc. 48454MD-C5E 1 Year	48 Port Signamax CAT 5e Patch Panel	190.00 2 0.91	180.50 176.70 171.00

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NEW = New Listing. Pricing for reference only. See TESSCO.com for latest pricing and product
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Patch Cords [454-30]

If you are buying these, you may need:

LAN/Cable Qualification Testers . . . . . page 1448

igaMax Patch Cords

Leviton's GigaMax patch cords meet or exceed industry standard or proposed specifications, and use compliant stranded wire as specified by the latest published TIA guidelines to ensure adequate 'flex life.' All have quality construction to maintain the integrity of signal transmission at the cross-connect, which is critical to the performance of the entire cabling system.

rt No. y/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
10018 EACH	Leviton Voice & Data 5G455-03Y 1 yr	3ft patch cord yellow cord, black boot	7.25 1 0.45	4.04 3.87 3.72
20093 EACH	Leviton Voice & Data 5G455-07L 1 yr	7ft patch cord blue cord, black boot	9.05 1 0.45	5.04 4.83 4.65
22095 EACH	Leviton Voice & Data 5G455-03L 1 yr	3ft patch cord blue cord, black boot	7.25 1 0.45	4.04 3.87 3.72
24090 EACH	Leviton Voice & Data 5G455-10Y 1 yr	10ft patch cord yellow cord, black boot	10.60 1 0.45	5.88 5.64 5.43
53013 EACH	Leviton Voice & Data 5G455-10L 1 yr	10ft patch cord blue cord, black boot	10.60 1 0.45	5.88 5.64 5.43
74024 EACH	Leviton Voice & Data 5G455-7Y 1 yr	7ft patch cord yellow cord, black boot	9.05 1 0.45	5.04 4.83 4.65

AT-5 Patch Cables

417347

rt No. y/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 7347 EACH	AESP, Inc. C5E-114BK-3FB 30 Days	3' CAT5e Patch Cable with Molded RJ45 connectors Black	1.00 0.25 0.11	0.94 0.92 0.89
NEW 72383 EACH	AESP, Inc. C5E-114BK-7FB 30 Days	7' CAT5e Patch Cable with Molded RJ45 connectors Black	1.45 0.25 0.11	1.35 1.33 1.28

Fiber Optic Items [454-40]

If you are buying these, you may need:

Shelter Cable Support Systems. . . . . page 530
Consumables Kits . . . . . page 1542
Fiber Optic Installer Kits. . . . . page 1542

Port Rack Mounts

- Completely removable top with tilt-up, removable front and rear doors provides unobstructed access to the panel interior.
- Slide rail option allows easy installation and re-entry regardless of equipment or panels above.
- Mounting brackets are reversible for mid- or flush-mounting in 19" racks.
- High-density adapter bulkhead houses up to 24 ST or 12 duplex SC adapters.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Dimensions, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
437005 1 EACH	Leviton Voice & Data 5R330-OAB 1yr	1.75"h x 19"w x 12"d 24 Fiber loaded w/ST adapters	437.50 11 5	243.24 233.18 224.43
444063 1 EACH	Leviton Voice & Data 5R330-OHB 1yr	1.75"h x 19"w x 12"d 24 Fiber loaded w/SC adapters	550.00 10.7 4.86	305.80 293.15 282.15
457015 1 EACH	Leviton Voice & Data 5R740-OON 1yr	5.25"h x 19"w x 12"d 72 port, empty with locking metal door	315.00 15.7 7.14	175.14 167.90 161.60

Wall Mount Patch Panels

- Doors are L-shaped for maximum access to couplings through the open sidewall.
- Unique cable management ring is adjustable and stackable to simplify fiber loop installation, bend radius compliance and future maintenance/additions.
- Houses 6 and 12 bulkheads for assorted fiber or multimedia applications.
- Sidewall cutout gives completely unobstructed access to the bulkheads when door is open (covered when door is closed).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Dimensions, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
496064 1 EACH	Leviton Voice & Data 5W120-00N 1yr	8"h x 13"w x 3.5"d Empty with split metal door and one lock/key	127.55 17.5 7.95	70.90 67.97 65.42

Fiber Connectors

411042 414019 432090 413018

Range. Scope. Magnitude. Fiber is the vanguard of the networking revolution, and the Opt-X fiber cabling system is the best line of advancement. A long-range, high-value solution for inside and outside the plant, including backbone, intercampus connectivity and fiber-to-the-desk. Opt-X can be depended upon to deliver the bandwith you will require as your network grows into the future.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Dimensions, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
411042 1 EACH	Leviton Voice & Data 49882-MST 1yr	ST Thread-Lock MM Connector	12.05 1.5 0.68	6.70 6.42 6.18

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Dimensions, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
414019 1 EACH	Leviton Voice & Data 49884-SSC 1yr	SC Thread-Lock SM Connector	20.00 1.3 0.59	11.12 10.66 10.26
432090 1 EACH	Leviton Voice & Data 49884-MSC 1yr	SC Thread-Lock MM Connector	16.80 1.3 0.59	9.35 8.96 8.62
439024 1 EACH	Leviton Voice & Data 49882-SST 1yr	ST Thread-Lock SMConnector	14.60 1.5 0.68	8.10 7.76 7.47
413018 25 PACK	Leviton Voice & Data 49884-DPC 1yr	SC Duplex clip	17.40 0.4 0.18	9.66 9.26 8.91

Fiber Optic Patch Panel Accessories

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Dimensions, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
426000 6 PACK	Leviton Voice & Data 5F100-1ST 1yr	Loaded SM/MM ST Mounting plate, Phosphor-Bronze Sleeve	40.05 1.5 0.68	22.25 21.33 20.53
478022 3 PACK	Leviton Voice & Data 5F100-3ZC 1yr	Loaded SM/MM SC Mounting plate, Zirconia ceramic Sleeve, Blue	95.05 2 0.91	52.83 50.64 48.74

Tightening Tools

SC/ST tightening tools help simplify Thread-Lock connection by providing a wider gripping area to make it easier to tighten the connector plug. The tightening tools also protect the exposed fiber during the tightening process. The combination tightening tool has an SC-style end and an ST-style end , for greater convenience and flexibility.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Dimensions, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
442032 1 EACH	Leviton Voice & Data 49886-CTT 1yr	ST/SC tightening tool	67.35 0.3 0.14	37.44 35.89 34.54

Fiber Optic Enclosures

484359

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Dimensions, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **428301** 1 EACH	AESP, Inc. UFE-B-12SC 1 Year	12-port (12 Fiber) SC MM/SM connector module used with the enclosures below	46.00 1 0.45	43.70 42.78 41.40
NEW **484359** 1 EACH	AESP, Inc. WFE2-B 1 Year	8.75"H x 3.5"D x 10.25W 2 Module Wall mounted fiber optic enclosure.	76.00 3 1.36	72.20 70.68 68.40
NEW **437357** 1 EACH	AESP, Inc. UFE4-B 1 Year	3.5"H x 13"D x 19W 4 Module Rack mounted fiber optic enclosure. 2 rack units	230.00 3 1.36	218.50 213.90 207.00
NEW **466349** 1 EACH	AESP, Inc. UFE12-B 1 Year	7"H x 13"D x 19W 12 Module Rack mounted fiber optic enclosure. 4 rack units	384.00 3 1.36	364.80 357.12 345.60

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CCTV Equipment [230-35]

If you are buying this, you may need:

Power Drills . . . . . page 1515
Splice Connectors and Disconnects . . . . . page 1730
Tape, Electrical, and Cold Shrink . . . . . page 1741
Cable Ties . . . . . page 1745
Screws, Sheet Metal and TEK . . . . . page 1751

esi-Cam Observation System

PRO-VIDEO's Resi-Cam is a affordable video security system that enables home-owners or businesses to keep an eye on their surroundings through a conventional TV set. By combining a CCTV camera system and a PIR motion sensor, PRO-VIDEO has designed an innovative observation system. When the camera/ PIR detects motion (100 deg. with a 20' range) a bell chimes and a video image is sent to a TV. Camera features a wide angle lens with automatic iris. Control unit easily connects to any TV system. Optional cameras, switchers and VCR triggers are also available.

10070

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
070	CSI/Speco	Resi-Cam observation system with a B/W weather-proof camera and infrared LED's for night viewing. Includes control unit, mounting bracket, 65' camera cable, 5' control cable and 14VDC power supply.	300.00	216.00
CH	RESI200		3	211.50
	1 year		1.36	207.90
026	CSI/Speco	Resi-Cam observation system with Color weatherproof camera (supplemental light must be provided for night viewing). Includes control unit, mounting bracket, 65' camera cable, 5' control cable and 14VDC power supply.	434.00	312.48
CH	RESI600		3	305.97
	1 year		1.36	300.77
EW	CSI/Speco	100' extension cable for Resi-Cam observation system with male and female connectors attached.	47.25	34.02
184	RS-100M		2	33.32
CH	1 year		0.91	32.75

rveillance Package

A complete CCTV surveillance package. Consists of (1) CVC-100L 1/3" B/W CCD camera with fixed 4mm lens and audio, CST-100 universal camera bracket, VM-1205B 12" B/W monitor with audio and 50' of audio/video cables.

10188

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
188	CSI/Speco	CCTV Surveillance Package	434.70	312.99
CH	CCTV-1		27	306.47
	1 year		12.27	301.25

CTV Cameras

Pro-Video Bullet Series minature weather resistant camera with a protective housing. Features low power consumption, B/W or color 1/3" CCD format, low illumination, built-in electronic iris, 380 lines resolution, and internal synchronization. Includes 12VDC power supply. Other lenses and colors are available on CVC1700 and CVC6700.

54012 488040

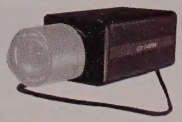
uing product table (1 of 2)

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
012	CSI/Speco	1/3" B/W Bullet series weather resistant camera with 3.6mm lens, .5 lux. Black housing. 4"L x 1 1/2"dia. x 3 1/2"H (with mounting bracket). 7.2 oz.	187.00	134.64
CH	CVC1700		0.5	131.84
	1 year		0.23	129.60
000	CSI/Speco	1/3" Color Bullet series weather resistant camera with 3.6mm lens, 2.0 lux. Black housing. 4"L x 1 1/2" dia. x 3 1/2"H (with mounting bracket). 7.2 oz.	368.55	265.36
CH	CVC6700		0.5	259.83
	1 year		0.23	255.41
060	CSI/Speco	1/3" B/W Bullet series weather resistant camera with Varifocal 4mm-8mm lens, .5 lux lens. Black housing. 4 1/4"L x 1 3/4" dia. x 3 1/2"H (with mounting bracket). 11.2 oz.	317.00	228.24
CH	CVC1705		0.5	223.49
	1 year		0.23	219.69
044	CSI/Speco	1/3" Color Bullet series weather resistant camera with Varifocal 4mm-8mm lens, 2.0 lux lens. Black housing. 4 1/4"L x 1 3/4" dia. x 3 1/2"H (with mounting bracket). 7.2 oz.	415.80	299.38
CH	CVC6705		0.5	293.14
	1 year		0.23	288.15

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
488040	CSI/Speco	1/3" B/W Bullet series 100% waterproof (up to 90 feet) camera with 3.6mm lens, .5 lux with infrared lighting for low light conditions. Black housing. 3 1/4"L x 2" dia. x 3"H (with mounting bracket). 10.4 oz.	285.00	205.20
1 EACH	CVC325WP/S		0.5	200.93
	1 year		0.23	197.51
450089	CSI/Speco	1/3" Color Bullet series 100% waterproof (up to 90 feet) camera with 3.6mm lens, 3.0 lux with auxiliary lighting for low light conditions. Black housing. 3 3/4"L x 2" dia. x 3"H (with mounting bracket). 12 oz.	514.50	370.44
1 EACH	CVC625WP/S		0.5	362.73
	1 year		0.23	356.55
475076	CSI/Speco	1/3" Color Bullet series 100% waterproof (up to 90 feet) camera with 3.6mm lens, 3.0 lux. Black housing. 3 3/4"L x 2" dia. x 3"H (with mounting bracket). 12 oz.	472.50	340.20
1 EACH	CVC620WP/S		0.5	333.12
	1 year		0.23	327.45

CCTV Camera without Lens



1/3" B/W CCD camera WITHOUT lens and audio. Features a built-in electronic iris control or auto iris (switchable), 380 lines resolution, .1 lux 12VDC power supply. 2.0"H x 2.2"W x 4.4"D.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	CSI/Speco	1/3" B/W CCD camera with built-in electronic iris. Uses C/CS lenses (ordered separately). Requires 12VDC or 24VAC power supply (not included). or audio.	132.35	95.28
418199	CVC190		0.4	93.30
1 EACH	1 year		0.18	91.71

Camera Lenses

Lenses to be used with Pro Video equipment. Includes CS adapter rings. Iris feature allows more light control in difficult conditions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
19655	CSI/Speco	8mm lens with focus and iris.	131.85	94.91
1 EACH	13FM08T		0.4	92.94
	1 year		0.18	91.36

Dome CCTV Cameras

1/3" B/W CCD Dome/Ceiling camera. 3.6 lens with 360 deg. rotation & 90 deg. tilt angle. Steel housing. 400 lines of resolution. 0.2 lux, 12VDC power supply. 5 3/4" diameter. Dome is 3 3/4" dia. x 2 1/2"H. BNC female viedo output. Color version available.

86984

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
86984	CSI/Speco	1/3" B/W Dome/Ceiling camera.	139.75	100.62
1 EACH	CVC185DC		0.4	98.53
	1 year		0.18	96.85

Video Monitors

B/W 1000 line resolution (at center) video monitor. Features include a rugged black metal cabinet, up front control w/ hinged cover, LED power light, video input/output looping with switchable 75 ohm termination, BNC connectors. UL and CSA listed. The VM1205B adds audio.

20904

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
20904	CSI/Speco	9" B/W CCTV Monitor.	197.00	141.84
1 EACH	VM901B		18	138.89
	1 year		8.18	136.53

Security

N = New Listing. Pricing for reference only.
TESSCO.com for latest pricing and products.
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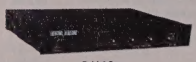
Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
59297 1 EACH	CSI/Speco VM1201B 1 year	12" B/W CCTV Monitor.	219.95 24.2 11	158.37 155.07 152.43
46083 1 EACH	CSI/Speco VM1501B 1 year	15" B/W CCTV Monitor	355.95 31 14.09	256.29 250.95 246.68

Video Switchers



34118

Sequential video switcher. Features automatic sequential switching, override for homing or bypass, LED camera indicators and sequencing from .5 to 30 seconds.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
34118 1 EACH	CSI/Speco SQS4B 1 year	4 position sequencer	127.00 3 1.36	91.44 89.54 88.02
39663 1 EACH	CSI/Speco SQS8B 1 year	8 position sequencer	150.00 3 1.36	108.00 105.75 103.95

Quad Splitter

Quad splitter/ video compressor puts 4 cameras onto 1 monitor for viewing at one time. Features freeze frame on all 4 cameras, camera sequencing, alarm inputs for camera pull up and security lock out button.

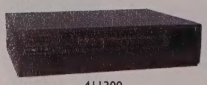
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
427101 1 EACH	CSI/Speco RQS-10B 1 year	Quad splitter. Black and white. High resolution. Individual dwell time setting from 1 to 15 seconds.	236.25 5.33 2.42	170.10 166.56 163.73

Mounting Hardware

Panavise deluxe CCTV mount with 360 degree rotation and 90 degree bi-directional adjustment at head and foot. Shaft is from aircraft grade aluminum alloy. 2.5" square mounting foot. Also available in other sizes.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
41094 1 EACH	PanaVise 827-06 Lifetime	6" mount with knob adjustments. Black.	29.60 0.75 0.34	20.41 18.63 17.75

Time Lapse VCR



411300

Speco TRV-960 time lapse VCR features:

- 24 hour real-time recording
- Adjustable to record from 2 to 960 hours
- Synchronizing with multiplexers
- On-screen display
- IR remote control
- Security lock
- Alarm event recording
- Alarm search and play back
- Panic event recording
- Series recording with an additional VCR
- Auto repeat recording

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 411300 1 EACH	CSI/Speco TRV-960 1 year	Speco 960 hour time lapse VCR.	637.55 5 2.27	459.02 449.46 441.81

Time Lapse Recorders

Sony time lapse VCR records in 2, 12 or 24 hours with a T120 tape. Features include moveable time and date disp electronic security lock system, wired remote control inp forward field advance and 60 minute battery back up. Recording modes include: Alarm- startedremotely by a d contact opening. Timer- allows scheduled recording daily or weekly. Repeat- Automatically r records at the end of the tape. Series- when end of tape is reached it signals another recor

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
43113 1 EACH	CSI/Speco SVT-124 1 year	Sony 24 hour lime lapse VCR	1,072.85 5 2.27	772. 756. 743.

Mounting Hardware

58795

32367

Heavy duty universal brackets for mounting CCTV cameras. ABS pla or aluminum.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
58795 1 EACH	CSI/Speco CST-125 1 year	6" camera bracket for wall or ceiling. Black ABS plastic.	7.50 2 0.91	5.4 5.2 5.2
32367 1 EACH	CSI/Speco CST-150 1 year	10" camera cracket for wall mounting. Almond ABS plastic.	24.50 2 0.91	17. 17. 16.

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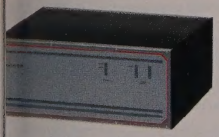
Multiplexers [459-10]

If you are buying these, you might need:

Equipment Racks . . . . . page 537
Indoor/Outdoor Enclosures . . . . . page 543
Grounding Systems . . . . . page 560

I MUX



Flexible Megaplex modular T1 access multiplexer supports TDM and Frame Relay technology. The mainframe includes common logic, main link, and power supply modules. Up to eleven optional I/O modules can be installed in this chassis. Megaplex can be managed using ASCII terminal, SNMP agent, or RADviewsoftware. Optional redundancy on power supply, main link, and common logic.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 8330 EACH	RAD IPMUX-1/AC/T1/ UTP 1 Year	TDMoIP Gateway. T1 (RJ-45) TDM interface, 10/ 100Base-T Ethernet Interface. 100-240 VAC power.	2,000.00 5 2.27	2,000.00 1,900.00 1,800.00

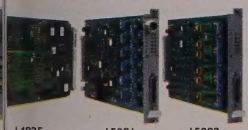
I MUX Data Card

4645 14683 28348

RAD 2 channel low speed data module. Incorporates enhanced diagnostics, end to end control signal transfer, various clocking options and V24/RS-232 interface using two DB-25 female connectors. Built in diagnostics include BERT, and auto self-test during power-up and normal operation.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
4645 EACH	RAD KM-2000M-KLS1/N 1 Year	2 channel low speed data module.	300.00 2 0.91	300.00 285.00 270.00
4683 EACH	RAD KM-2000M-KMLFST85 1 Year	Fiber Optic Module	700.00 2 0.91	700.00 665.00 630.00
5139 EACH	RAD MP-2100M-HS-2 1 Year	2 channel high speed data module	1,000.00 2 0.91	1,000.00 950.00 900.00
8348 EACH	RAD KM-2000M-KHS1 1 Year	Two Channel High Speed Data Module for Kilomux Multiplexer	500.00 2 0.91	500.00 475.00 450.00

I MUX Voice Cards



14825 15081 15092

RAD T1 voice/fax slave module. Compresses 4 voice channels into a T1 PABX trunk. Uses one RJ45 balanced interface and two BNC unbalanced interface connectors. Employs adaptive echo cancellation. Automatic voice/fax detection ensures that each channel can be used for both voice and fax. Internal LEDS indicate local or remote sync loss, test mode status and alarm condition. Module is programmable via front panel of KM-2100 or thru terminal interface.

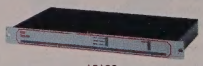
nuing product table (1 of 2)

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
825 EACH	RAD KM-2000M-KVF4/ E&M 1 Year	2 channel voice/fax module with E&M option.	1,200.00 2 0.91	1,200.00 1,140.00 1,080.00
081 EACH	RAD MP-2100M-VC-6/ FXS 1 Year	6 channel PCM voice module with FXS option.	900.00 2 0.91	900.00 855.00 810.00
088 EACH	RAD MP-2100M-VC-6/ E&M 1 Year	6 channel PCM voice module with E&M option.	800.00 2.1 0.95	800.00 760.00 720.00

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
15092 1 EACH	RAD MP-2100M-VC-6/ FXO 1 Year	6 channel PCM voice module with FXO option.	800.00 2 0.91	800.00 760.00 720.00

DACS MAINFRAMES



15198

RAD modular digital access and cross connect system. Provides non-blocking DS0 cross connects for up to 10 T1/E1 lines. Includes ethernet 10BaseT management port and 115 volt AC power supply. Provides T1/E1 conversion and time slot switching (digital cross-connect)between any of its 10 ports. Provides T1/E1 conversion between a maximum of 5 T1 ports and 4 E1 ports. Includes DCL.2 common logic module.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
15198 1 EACH	RAD DXC-10A-1/UTP/ 115 1 Year	10 channel T1/E1 DACS	2,600.00 10 4.54	2,600.00 2,470.00 2,340.00

DACS T1/E1 MODULES

15378

RAD two port E1 link module. Internal diagnostics include bit error rate test and loopback per timeslot. Uses two RJ45 balanced and two BNC female unbalanced connectors per port. Data rate is 2.048Mbps. LED indicators for status monitoring. Module is programmable usinf DXC management software. Occupies one DXC-30E//30/10A/8R module slot. Fits DXC family of digital access and cross connect systems. Includes CSU option.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
15378 1 EACH	RAD DXC-M-T1B/C 1 Year	Two Port T1 Link Module.	2,300.00 1 0.45	2,300.00 2,185.00 2,070.00

Routers [459-14]

If you are buying these, you might need:

Equipment Racks . . . . . page 537
Indoor/Outdoor Enclosures . . . . . page 543
Grounding Systems . . . . . page 560
Modular Telephone Connectors . . . . . page 1724
LAN/WAN, ATM, Frame Relay Analyzers . . . . . page 1440

Cisco 800 Series Routers

The Cisco 800 series router provides enhanced network security and proven reliability via Cisco IOS software. Tailored for small offices and telecommuters, recommended for offices of up to 20 users, connecting every user to the internet or LAN via one connection.

- Supports Cisco IOS software
- Standard security with ACL, PAT/NAT, PAP/CHAP, MS-CHAP, Lock and Key, and GRE tunneling
- 33 MHz processor

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
19718 1 EACH	Cisco Systems Inc. CISCO804 1 Year	Ethernet Router, 4 Port 10BaseT Hub, 1 port ISDN BRI (U) NT-1 port, 2 POTS Lines	899.00 5 2.27	809.10 683.24 674.25
19769 1 EACH	Cisco Systems Inc. CISCO805 1 Year	1 Port Ethernet 10BaseT Router. 1 port Serial (up to 512 kbps).	999.00 5 2.27	899.10 766.67 766.67

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Cisco 1600 Series Routers

The Cisco 1600 is the proven choice for flexible internet/intranet access for small offices. In addition to the fixed WAN port and one ethernet port, the Cisco 1600 models support one WAN interface card, which allows customers to add or change WAN ports as needed. WAN options include ISDN, T1/E1, Frame Relay, Switched 56, Switched Multimegabit Data Service (SMDS) and X.25

- Support for Cisco IOS software
- Modular WAN card slot
- Flash memory and primary memory upgrade capability
- Modular Desktop Router
- 1 or 2 port 10BaseT ethernet
- 1 port BRI or 1 port sync or async serial
- 33 Mhz processor
- 4MB Flash Memory (up to 16MB)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
19807 1 EACH	Cisco Systems Inc. CISCO1602-R 1 Year	Ethernet/Serial Modular Router. 1 Port 10BaseT. 1 Port serial, 56 kbps 4-wire DSU/CSU	1,695.00 10 4.54	1,525.50 1,288.20 1,271.25
19817 1 EACH	Cisco Systems Inc. CISCO1604-R 1 Year	Ethernet Router. 1 Port 10BaseT, 1 Port ISDN BRI.	1,695.00 10 4.54	1,525.50 1,288.20 1,271.25

Cisco 2600 Series Routers

The Cisco 2600 series routers have modular architecture to provide adaptibility as network technology changes. Driven by a RISC processor. The Cisco 2600 shares modular interfaces with the 1600, 1700, and 3600 series.

- LAN to LAN routing
- Remote Access services
- VPN/Extranet access
- Serial Device Concentration
- WAN Access including ATM services
- Multiservice voice/data networks
- 40 MHz RISC processor
- 1 Network module Slot
- 2 WAN interface card slots
- 1 AIM slot

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
19828 1 EACH	Cisco Systems Inc. CISCO2610 1 Year	Ethernet Modular Router with IP software package. 1 port 10BaseT, 1 Fixed WAN 115.2 Kbps async only port.	1,995.00 10 4.54	1,795.50 1,516.96 1,516.96
20440 1 EACH	Cisco Systems Inc. CISCO2620 1 Year	Ethernet Router. 1 port 10/100 Mbps ethernet. One 115.2 kbps async only Fixed WAN port.	2,295.00 10 4.54	2,065.50 1,744.20 1,721.25

Cisco 3600 Series Routers

The Cisco 3600 series is a family of modular, multifunction access platforms for medium and large offices and internet service providers. Provides solutions for voice/data integration, VPN's, dial access, and multi-protocol data routing.

- Combines dial access, LAN to LAN routing, ATM in a single platform.
- Modular and scalable
- High Density ISDN PRI capabilities
- Support for modem-over-BRI functionality
- Integrated Cisco IOS software
- Full VPN support

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
20450 1 EACH	Cisco Systems Inc. CISCO3620 1 Year	Two Slot Modular Router with AC power supply and IP software	2,900.00 10 4.54	2,610.00 2,204.00 2,175.00
20457 1 EACH	Cisco Systems Inc. CISCO3640 1 Year	Four Slot Modular Router with AC power supply and IP software	6,500.00 10 4.54	5,850.00 4,941.53 4,941.53
20545 1 EACH	Cisco Systems Inc. CISCO3661-AC 1 Year	Six Slot Modular Router with AC power supply and IP software	10,700.00 10 4.54	9,630.00 8,207.95 8,207.95

Cisco Routers Accessories

Cisco Router Modules. These modules fit the 1600, 1700, 2600 and 3600 series Routers

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
20592 1 EACH	Cisco Systems Inc. WIC-2T 1 Year	Two port serial WAN interface card(WIC) for Cisco 2600 series routers	700.00 1 0.45	630.00 532.17 532.17

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
20594 1 EACH	Cisco Systems Inc. WIC-2A/S 1 Year	Two port async/sync serial WAN interface card(WIC) for Cisco 2600 series routers	500.00 1 0.45	450.0 380.0 375.0
20626 1 EACH	Cisco Systems Inc. WIC-1T= 1 Year	One port serial WAN interface card(WIC) for Cisco 1600 and 3600 series routers	400.00 1 0.45	360.0 304.0 304.0
20662 1 EACH	Cisco Systems Inc. WIC-1B-S/T 1 Year	One port ISDN WAN interface card(WIC) for Cisco 1600 and 3600 series routers. For dial and leased lines.	500.00 1 0.45	450.0 380.0 375.0
20736 1 EACH	Cisco Systems Inc. WIC-1DSU-T1 1 Year	One Port T1/Fractional T1 DSU/CSU WAN interface card(WIC) for Cisco 1600 and 3600 series routers.	1,000.00 1.27 0.58	900.0 760.2 760.2
20753 1 EACH	Cisco Systems Inc. WIC-1DSU-56K4 1 Year	One Port 4-wire 56/64Kbps WAN interface card(WIC) for Cisco routers.	700.00 1 0.45	630.0 532.0 525.0
20910 1 EACH	Cisco Systems Inc. VIC-2E/M 1 Year	Two port E&M voice interface card (VIC) for Cisco 2600 and 3600 series routers.	400.00 1 0.45	360.0 304.0 300.0
20942 1 EACH	Cisco Systems Inc. VIC-2FXO 1 Year	Two port FXO voice interface card (VIC) for Cisco 2600 and 3600 series routers.	400.00 1 0.45	360.0 306.8 306.8
20960 1 EACH	Cisco Systems Inc. VIC-2FXS 1 Year	Two port FXS voice interface card (VIC) for Cisco 2600 and 3600 series routers.	400.00 1 0.45	360.0 306.8 306.8
20969 1 EACH	Cisco Systems Inc. VIC-2BRI-S/T-TE 1 Year	Two port BRI (Terminal) voice interface card (VIC) for Cisco 2600 and 3600 series routers.	950.00 1 0.45	855.0 722.0 712.5
21017 1 EACH	Cisco Systems Inc. NM-1V 1 Year	One Slot Voice/Fax Network Module for Cisco 2600 and 3600 series routers.	1,000.00 1 0.45	900.0 760.0 750.0
21021 1 EACH	Cisco Systems Inc. NM-2V 1 Year	Two Slot Voice/Fax Network Module for Cisco 2600 and 3600 series routers.	1,700.00 1 0.45	1,530.0 1,292.0 1,275.0
21166 1 EACH	Cisco Systems Inc. NM-1E 1 Year	One Port Ethernet Network Module for 3600 Series Routers.	1,000.00 1 0.45	900.0 760.0 760.0
21174 1 EACH	Cisco Systems Inc. NM-1FE-FX 1 Year	One Port Fast Ethernet Network Module. FX Only. For 3600 Series Routers.	2,700.00 1 0.45	2,430.0 2,052.0 2,025.0
21212 1 EACH	Cisco Systems Inc. NM-1FE-TX 1 Year	One Port Fast Ethernet Network Module. TX Only. For 3600 Series Routers.	2,000.00 1 0.45	1,800.0 1,555.0 1,555.0
21227 1 EACH	Cisco Systems Inc. NM-1E2W 1 Year	One Ethernet, Two WAN Card Slot Network Module. For 3600 Series Routers.	1,500.00 1 0.45	1,350.0 1,140.0 1,125.0
21240 1 EACH	Cisco Systems Inc. NM-1HSSI 1 Year	Single Port HSSI Network Module for 3660, 3640 and 3620 Routers Only.	5,000.00 1 0.45	4,500.0 3,800.0 3,750.0
442009 1 EACH	Cisco Systems Inc. CAB-V35FC= 30 Days	Cisco 2600 Series Cable for NM-4A/S, NM-8A/S, and WIC-1T	100.00 5.15 2.34	90.00 76.00 75.00
442069 1 EACH	Cisco Systems Inc. CAB-HSI1= 30 Days	Cisco HSSI Cable, male to male, 10 feet	100.00 1 0.45	90.00 76.00 75.00
474151 1 EACH	Cisco Systems Inc. VWIC-2MFT-E1= 1 year	Cisco Two-Port E1 Multiflex Voice/WAN Interface Card	2,000.00 1.74 0.79	1,800.0 1,520.0 1,500.0
478084 1 EACH	Cisco Systems Inc. VWIC-1MFT-E1 1 year	Cisco One-Port E1 Multiflex Voice/WAN Interface Card	1,300.00 1 0.45	1,170.0 988.0 975.0

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Switches [459-16]

If you are buying these, you may need:

Equipment Racks ..... page 537
Indoor/Outdoor Enclosures ..... page 543
Grounding Systems ..... page 560
Digital Multimeters ..... page 1491
LAN/WAN, ATM, Frame Relay Analyzers ..... page 1440

Cco 2900 Series Switches

The Cisco Catalyst 2900 series is Cisco's industry-leading, 10/100 autosensing Ethernet switch solutions for workgroup and wiring closets.

- licated Ports of 10/100 Mbps Ethernet
- dard 19 inch Rack Mountable
- ctionality for Basic Data, Voice and Video Ser-
- 802.1q VLAN Trunking Architecture
- SNMP Management Capability

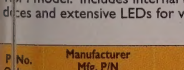
P No. Q Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 114 CH	Cisco Systems Inc. WS-C2950-12 1 Year	Catalyst 2950 high density 10/100Mbps autosensing, autoconfiguring switch 12 port stackable switch for mid-sized networks.	1,195.00 7.5 3.41	1,075.50 908.20 896.25
W 191 CH	Cisco Systems Inc. WS-C2950-24 1 Year	Catalyst 2950 high density 10/100Mbps autosensing, autoconfiguring switch 24 port stackable switch for mid-sized networks.	1,995.00 7.5 3.41	1,795.50 1,516.20 1,496.25
W 315 CH	Cisco Systems Inc. WS-C2950G-24-EI 1 Year	Catalyst 2950G Intelligent Ethernet, fixed configuration, stackable switch for medium size networks. (24) 10/100 ports and (2) 1000BaseX ports (gigabit). Enhanced Software Image installed. AC power.	2,495.00 7.5 3.41	2,245.50 1,896.20 1,871.25

Hubs [459-18]

If you are buying these, you may need:

Equipment Racks ..... page 537
Indoor/Outdoor Enclosures ..... page 543
Grounding Systems ..... page 560
LAN/WAN, ATM, Frame Relay Analyzers ..... page 1440

Cco 1538 Series Hubs



CISCO Eight port 10/100 Mbps fast Ethernet autosensing microhub. Featuers up to 100 Mbps peak aggregate throughput for bandwidth intensive applicaitons. Flexibility to stack up to four 1538 hubs for up to 32 ports using the integrated stacking ports. Option to manage the Cisco 1538 with the M model. Includes internal bridge function for connecting both 10 Mbps and 100 Mbps ces and extensive LEDs for visual management.

P No. Q Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
74 CH	Cisco Systems Inc. CISCO1538 1 Year	Eight Port 10/100Mbps Stackable Fast Ethernet Autosensing Micro Hub	495.00 5 2.27	445.50 376.20 371.25
85 CH	Cisco Systems Inc. CISCO1538M 1 Year	Eight Port 10/100Mbps Stackable Fast Ethernet Autosensing Managed Micro Hub	795.00 5 2.27	715.50 604.20 596.25

Cco Hub Accessories

P No. Q Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
82 CH	Cisco Systems Inc. WS-X401 1 Year	One Port 10BaseT/100BaseTX, autosensing, autonegotiating switch module for series 400 hubs.	395.00 1 0.45	355.50 300.20 296.25
84 CH	Cisco Systems Inc. WS-X402 1 Year	One Port full duplex 100BaseFX uplink switch module for Cisco series 400 hubs.	695.00 1 0.45	625.50 528.20 521.25

Rate and Interface Converters [459-30]

V.24/RS-232 To V.36/RS-422 Converters

The MIC-24/36 Interface Converter enables connection between the DTE and DCE with V.24/RS-232 and V.36/RS-422 interfaces. MIC-24/36 operates in synchronous applications at data rates up to 200 kbps. MIC-24/36 is used either for connecting a V.24/RS-232 DTE to a V.36/RS-422 DCE, or for connecting a V.24 DCE to a V.36 DTE. These options are switch-selectable. MIC-24/36 performs both the physical and the electrical conversion between the two interfaces and operates without AC power, deriving ultra-low power from the DTE and DCE data and control signals. The circuitry is designed to provide short range interface conversion, i.e., for connection of co-located devices.

- Transparent to protocol
- No AC power required
- Complete with 2 m cable and connectors
- Immediate installation
- Miniature, lightweight

Part No. Qty/Uom Warranty	Manufacturer Mfg. P/N	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 435360 1 EACH	RAD MIC-24/36/M 1 Year	DTE V.24/RS-232, 25-pin male to DCE V.36/RS-422, 37-pin male.	200.00 0.8 0.36	200.00 190.00 180.00
NEW 443358 1 EACH	RAD MIC-24/36/F 1 Year	DTE V.24/RS-232, 25-pin male to DCE V.36/RS-422, 37-pin female.	200.00 0.8 0.36	200.00 190.00 180.00

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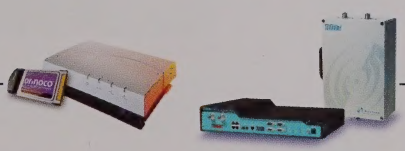
in —  — out

Whether you need a high-speed wireless LAN or WAN, Proxim has you covered—indoors and outdoors—with the most comprehensive product line in the business. Our line of Lynx® microwave radios and Tsunami™ Ethernet bridges let you securely transmit voice, data and video up to 40 miles, and with up to 860 Mbps capacity. Our ORiNOCO® line of LAN products provides you with the world's leading enterprise-class 802.11a and 802.11b solutions, with .1X encryption and speeds up to 108 Mbps. To learn all about the ins and outs of high-performance wireless from Proxim, go to **www.TESSCO.com** or call **800-472-7373**.

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- Antennas, Base Station
- Antennas, Cellular & PCS
- Antennas, Microwave
- Antennas, Indoor (Cellular/SMR/PCS)
- Filters, Combiners, Duplexers, Ferrites
- Towertop Amplifiers

Transmission Line & Cable
- Coaxial Cable & Transmission Line
- Waveguide Connectors & Accessories
- Braided Coaxial Cables
- Connectors for Transmission Line
- Connectors & Adapters for Braided Coax
- Jumper Assemblies
- Coax Cable & Transmission Line Accessories
- Dehydrator Systems

Tower & Site Support
- Mounts, Base Antenna
- Site Hardware
- Shelter Cable Support Systems
- Equipment Racks
- Enclosures, Indoor/Outdoor
- Lightning Protectors & Air Terminals
- Grounding Systems
- Exothermic Ground Connections
- Power Supplies, Rack Mounted
- Power Supplies, Tabletop
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- Solar Power Products
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- Premise Wiring Supplies
- Security Products
- Network Interfaces

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- Access Control Devices
- Bandwidth/QoS Management
- Mesh Networks
- In-Building Wireless LAN
- Broadband Wireless Access
- Free Space Optics
- Unlicensed T-Carrier
- Unlicensed Ethernet
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- In-Building Phone Systems
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- In-Building Amplifiers, Repeaters
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Network Infrastructure

Wireless Broadband

- **Access Control Devices** **674**
- **Amplifiers, Base Station & Repeater** **701**
  - RF Power Amp, Lowband & VHF 701
  - RF Power Amp, UHF 701
  - RF Power Amp, 800 MHz 702
- **Amplifiers & Repeaters, In-Building** **703**
  - Amplifiers, Small Area, Bidirectional 706
  - Amplifiers, Wireless LAN, Bidirectional ... 707
  - Extenders, Paging System 703
  - Extenders, Cellular / Trunking 703
- **Bandwidth/QoS Management** **674**
- **Broadband Wireless Access** **683**
- **Mesh Networks** **675**
- **In-Building Phone Systems** **698**
- **In-Building Wireless LAN** **677**
- **Free Space Optics** **691**
- **Licensed** **696**
- **SCADA Spread Spectrum Transceivers** ... **709**
- **Telemetry** **709**
- **Unlicensed T-Carrier** **692**
- **Unlicensed Ethernet** **695**
  - Base Stations, In-Building Phones 698
  - Phone Sets & Accessories 699

Access Control Devices [601-10]

Access Controller

The Nokia P022 Access Controller is a gateway between the Wireless LAN network and the Internet. The Nokia P022 Access Controller authenticates the user, monitors network usage in real-time, collects charging information and acts as a router. The Nokia P022 Access Controller can be connected to the Nokia Authentication Server for integration into a mobile operators network or to a RADIUS server for integration into other customer, care and billing systems. The P022 is available in versions for SOHO/Cafe environments and for enterprise deployments.

- Optional Interfaces: T1 CSU/DSU, X.21, V.35, ISDN BRI, Dual-Port Ethernet
- Enterprise Chassis is 19" 1U Rack-Mount
- SOHO/Cafe Chassis is 9.5"Wx8.5"Lx2.1"H Desk/Wall mount
- Three integrated 10/100 Ethernet Ports

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
481115 1 EACH	Nokia BroadBand NBB-4000-01 1 Year	Access Controller for SOHO/Cafe use. 110 concurrent users maximum.	6,999.00 2 0.91	6,999.00 6,999.00 6,999.00
444119 1 EACH	Nokia BroadBand NBB-4000-03 1 Year	Access Controller for Enterprise use. 1100 concurrent users maximum.	9,999.00 16 7.27	9,999.00 9,999.00 9,999.00
417119 1 EACH	Nokia BroadBand NBB-4000-03/4100 1 Year	Access Controller for Enterprise use with T1 CSU/DSU option. 1100 concurrent users maximum.	12,598.00 16 7.27	12,598.00 12,598.00 12,598.00
439193 1 EACH	Nokia BroadBand NBB-4000-03/4102 1 Year	Access Controller for Enterprise use with V.35 option. 1100 concurrent users maximum.	11,598.00 16 7.27	11,598.00 11,598.00 11,598.00
433105 1 EACH	Nokia BroadBand NCB0301 1 Year	V.35 DTE Male interface cable. 2 meters.	179.00 0.01 0	179.00 179.00 179.00
435145 1 EACH	Nokia BroadBand NCB0302 1 Year	X.21 DTE Male interface cable. 2 meters.	179.00 0.01 0	179.00 179.00 179.00

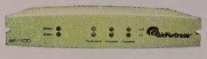
smartBridges Smart Access Router

This is a wireless router for public access Wireless Internet Hotspot. airRoute is a stand-alone device providing the Visitor Based Networking, security, packet filtering, DHCP server, NAT and personal firewall.

- Three 10/100Base-T Ethernet ports
- One Port Each for Wireless LAN, Wired LAN, and WAN
- Built-in NAT, DHCP, and Firewall
- Zero Configuration Network for Client PC's
- Built-in RADIUS Server
- RADIUS Client for Remote Authentication
- Billing Usage Data: Session Time, Traffic Volume
- Remote Monitoring and Management
- Built-in PPoE for Cable and DSL Modems
- Internal PoE Injector for airPoint AP.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 413350 1 EACH	smartBridges SB2700 1 Year	Smart Router for Wireless Access	2,499.00 0.01 0	2,499.00 2,499.00 2,499.00

Wireless Security Gateway



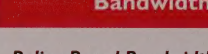
The AirFortress provides enterprise strength security for wireless networks through sophisticated encryption, strong authentication and stringent access control. This full featured security appliance that enforces network access rights and encrypts/decrypts communications across WLANs.

- Layer 2 Encryption: 128-bit AES, 168-bit 3DES and 56-bit DES
- Frame authentication
- Frame payload compression
- Authentication through physical device identification
- Web Browser Management
- Event Logging & Statistics
- SNMP Support

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 411342 1 EACH	Fortress Technologies AF1100 1 year	Set-top unit, ideal for small to medium WLAN's, encrypted throughput supports 802.11b WLAN speeds.	2,216.70 15 6.82	1,995.00 1,995.00 1,995.00
NEW 447341 1 EACH	Fortress Technologies AF6500 1 year	Rackmount unit, ideal for medium to large WLAN's, encrypted throughput supports 802.11a and 802.11b WLAN speeds.	7,216.70 20 9.09	6,495.00 6,495.00 6,495.00

Bandwidth/QoS Management [603-10]

Policy-Based Bandwidth Management



NetEnforcer high-performance Quality-of-Service (QoS) bandwidth manager.

- Two 10/100Base T ports for monitoring, hardware bypass and redundancy ports
- Please contact TESSCO for quotes for Allot products for International use.
- Please contact TESSCO for quotes for Allot Warranty and Support packages

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
NEW 445348 1 EACH	Allot Comm. AC201/2M 1 Year	NetEnforcer Bandwidth Manager, capable of network speeds up to 2Mbps and up to 12,000 simultaneous connections.	5,500.00 15.5 7.04	5,324 5,076 4,818
NEW 460384 1 EACH	Allot Comm. AC201/10M 1 Year	NetEnforcer Bandwidth Manager, capable of network speeds up to 10Mbps and up to 12,000 simultaneous connections.	7,500.00 15.75 7.16	7,260 6,922 6,570
NEW 426338 1 EACH	Allot Comm. K103020 - AC302 1 Year	NetEnforcer Bandwidth manager, capable of network speeds up to 45 Mbps and up to 64,000 simultaneous connections. New front panel keypad eases set-up. Out-of-band management increases security.	12,000.00 15.75 7.16	11,61 11,07 10,51
NEW 470362 1 EACH	Allot Comm. K104020 - AC402 1 Year	NetEnforcer Bandwidth Manager, optimized for network speeds up to 100 Mbps; up to 96,000 simultaneous connections, 1024 pipes, and 4096 QoS policies.	15,000.00 15.5 7.04	14,52 13,84 13,14
NEW 478356 1 EACH	Allot Comm. AC-601 1 Year	NetEnforcer Bandwidth Manager. Optimized for network speeds up to 100 Mbps; up to 128,000 simultaneous connections, 2048 pipes, and 8192 QoS policies.	24,000.00 25 11.36	23,23 22,15 21,02
NEW 460153 1 EACH	Allot Comm. AC-701F 1 Year	NetEnforcer Bandwidth Manager with two 1000 Mbps Fiber Interfaces with SX type connectors. Optimized for network speeds up to 155 Mbps; up to 256,000 simultaneous connections, 4096 pipes, and 28,000 QoS policies.	29,000.00 15.5 7.04	28,07 26,82 26,82

Cache Server Enforcement Manager Module

Allot Communications' CacheEnforcer provides a one-sto solution for managing and enforcing user access to cache servers. Allows network managers to define caching poli to make efficient use of network resources.

- Central location for enforcing network caching policies
- Enable transparent caching and reduce network adminstration
- Define centralized caching policies that efficiently control Web traffic

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
NEW 447181 1 EACH	Allot Comm. S002890	Cache Enforcer Software add-on module that runs in conjunction with the NetEnforcer AC201.	2,500.00 0.01 0	2,420 2,307 2,190

Policy-Based Content Filter

Allot Communications NetPure policy-based content filte offers second-generation URL filtering that links your bus ness policy regarding Internet usage with your network resources.

- Save bandwidth by filtering out non-business traffic
- Improve employee productivity and limit legal liability
- Create new revenueopportunities with "safe" Inte net service
- One 10/100 Base-T Ethernet interface with one F 45 connector

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
NEW 461380 1 EACH	Allot Comm. K1025NP 1 Year	NetPure Policy-based content (URL) filter appliance with one 10/100BASE-T port and license for 250 users.	7,000.00 11 5	6,77 6,46 6,13
NEW 436392 1 EACH	Allot Comm. K1050NP 1 Year	NetPure Policy-based content (URL) filter appliance with one 10/100BASE-T port and license for 500 users.	12,000.00 11 5	11,61 11,07 10,51
NEW 463360 1 EACH	Allot Comm. K1100NP 1 Year	NetPure Policy-based content (URL) filter appliance with one 10/100BASE-T port and license for 1000 users.	20,000.00 11 5	19,36 18,46 17,52
NEW 459355 1 EACH	Allot Comm. K1500NP 1 Year	NetPure Policy-based content (URL) filter appliance with one 10/100BASE-T port. High Availability platform with license for 5000 users.	60,000.00 14 6.36	58,08 55,38 52,56

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Wireless Mesh Networks [595-46]

okia RoofTop Jump Start Kit

Nokia RoofTop Wireless Router Jump Start Kit is the easy way to start deploying a Nokia RoofTop network. Includes one AirHead R240A router, six R240 subscriber routers, seven 75' cables, one RMS software package, one year of software updates, one year access to Nokia technical information web page, Quick Start Guide, and a certificate good for 2 seats in a one-day training class at Nokia's facility in Mountain View, CA. (Food, travel, and lodging not included.)

128

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
4128 ACH	Nokia RoofTop JUMP START KIT 1 Year	Nokia RoofTop Wireless Router Jump Start Kit. All units have integrated 8 dBi omni antenna with 13 degree vertical beamwidth.	7,499.00 60 27.27	7,499.00 7,499.00 7,499.00

okia RoofTop Wireless Router AirHead

The AirHead is the network access point. Each AirHead supports up to 40 subscriber units, and up to 4 Airheads can be co-located at a single site. Simple installation and a 10/100Base-TX connection for easy network connection. Each AirHead includes 8 dBi omnidirectional antenna, wall and pole mounting hardware, network/power unit, 120 VAC power supply. Purchase interconnecting cable separately.

191

- erating temps: -40 to +55 for router, -5 to +45
- Withstands 112 MPH winds

r NPU

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1191 ACH	Nokia RoofTop R240A 1 Year	Nokia RoofTop Wireless Router AirHead. Integrated 8 dBi Omni antenna with 13 degrees vertical beamwidth at 1/2 power. Nokia RMS required to configure.	1,499.00 6.22 2.83	1,499.00 1,499.00 1,424.05

okia RoofTop Wireless Router SU

The Nokia RoofTop R240 subscriber unit is an outdoor, weatherized wireless router with integrated 8 dBi omnidirectional antenna. Supports 10/100Base-TX (RJ-45) and HomePNA 2.0/1.0 (RJ-11) networking. Each router includes an indoor network/power unit (NPU) and mounting hardware. Provides asymmetric bandwidth control, DHCP server or relay, and NAT. Purchase interconnecting cable separately.

493135

- erating temps: -40 to +55 for router, -5 to +45
- Withstands 112 MPH winds

r NPU

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
3135 ACH	Nokia RoofTop R240 1 Year	Nokia RoofTop Wireless Router Subscriber Unit. Integrated 8 dBi omni antenna with 13 degrees of vertical beamwidth. Requires Nokia RMS to configure.	779.00 5.95 2.7	779.00 779.00 740.05

okia RoofTop Interconnecting Cables

467100

Interconnecting cables are required for the Nokia RoofTop Wireless Routers. Two lengths are available, with one end already terminated. The other end is terminated into the Network/Power Unit. The cables may be cut to the desired length.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
7100 ACH	Nokia RoofTop WRTT38583.02 1 Year	Nokia Rooftop Wireless Router interconnect cable. 75 feet. Connects outdoor router to indoor network/ power module. Beige. Proprietary connectors.	59.00 4.21 1.91	59.00 59.00 56.05
1186 ACH	Nokia RoofTop WRTT38583.03 1 Year	Nokia Rooftop Wireless Router interconnect cable. 150 feet. Connects outdoor router to indoor network/ power module. Beige. Proprietary connectors.	99.00 8.22 3.74	99.00 99.00 94.05

Nokia RoofTop Router Management System

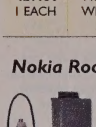
421130

The Nokia RoofTop router Management System (RMS) helps you configure, monitor, and maintain your Nokia RoofTop network. RMS allows you to configure network routers locally or remotely, making setup and maintenance of your network quick and easy. You can control all aspects of any router including IP, bandwidth controls, DHCP, etc. You can even overlay a map for visually representing the topology of your network. One RMS station can monitor multiple networks. Includes a Quick Start Guide to simplify inititial setup of your Nokia RoofTop system.

- Alarm Monitoring
- Remote Configuration Management
- Performance Monitoring
- Network Topology
- Runs on Windows NT or 2000

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
421130 1 EACH	Nokia RoofTop WRTT38590.01 1 Year	Nokia RoofTop Router Management System (RMS) Software and Quick Start Guide. designed to work on WINDOWS NT or 2000 ONLY.	1,999.00 0.21 0.1	1,999.00 1,999.00 1,899.05

Nokia RoofTop Sector Antenna Kit



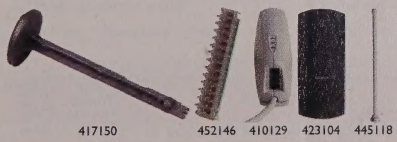
424157

When co-locating four AirHeads, sector antennas are strongly recommended. This kit includes the antenna, RF adapter, 5' of RF cable, and weatherproofing for the connectors

- 90 Degree Sector Antenna
- 10 dBi Gain
- RF Adapter Included

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
424157 1 EACH	Nokia RoofTop WRTT38587.01 1 Year	Sector Antenna Kit. 90 degree 10 dBi sector antenna, RF Cable Adapter, 5' cable, weatherproofing. N/Female connectors.	469.00 5 2.27	469.00 469.00 445.55

Nokia RoofTop Replacement Parts



417150 452146 410129 423104 445118

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
417150 1 EACH	Molex 28C7044	Molex punch-down tool for 7720-series connectors as used in Nokia RoofTop Wireless Routers.	30.00 0.2 0.09	30.00 30.00 28.50
452146 1 EACH	Nokia RoofTop 11-02-0016	Replacement Pin Connector. Connector used to terminate multiwire cable inside Network/Power Unit.	2.50 0.01 0	2.50 2.50 2.38
410129 1 EACH	Nokia RoofTop WRTT38540.01 1 Year	Replacement Network/Power Unit for R240 and R240A outdoor units.	99.00 0.01 0	99.00 99.00 94.05
423104 1 EACH	Nokia RoofTop WRTT38510.01 1 Year	Replacement plastic cover for R240 and R240A outdoor units.	29.00 0.01 0	29.00 29.00 27.55
445118 1 EACH	Nokia RoofTop WRTT38580.01	Replacement omnidirectional 8 dBi antenna for R240 and R240A outdoor units.	119.00 1.5 0.68	119.00 119.00 113.05
456120 1 EACH	Nokia RoofTop WRTT38511.01	Replacement mounting kit for R240 and R240A outdoor units.	29.00 0.01 0	29.00 29.00 27.55

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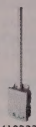
Wave Wireless SPEEDLAN 9101 Meshnode



410333

The SPEEDLAN 9101 Meshnode is an 11 Mb business / MDU mesh router with an 8 dBi integrated antenna. Features IP, DHCP server and client, and NAT network routing protocols. Unique outdoor mount design. Maximum distance from neighboring routers is 1/2 mile. Purchase Installation Kit separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Wave Wireless	Wave Wireless SPEEDLAN 9101 Meshnode Router.	1,199.00	1,097.09
410333	OM-24-9101		9	1,097.09
1 EACH	1 year		4.09	1,079.10

Wave Wireless SPEEDLAN 9104 Meshnode

456329

The SPEEDLAN 9104 Meshnode is a 11Mb residential mesh router with a 5 dBi integrated antenna. Supports a single device on the local Ethernet interface. Does not support RIP 2 routing. DHCP server and client and NAT are included. Unique outdoor mount design. Maximum distance from neighboring routers is 1/4 mile. Purchase installation kit separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Wave Wireless	Wave Wireless SPEEDLAN 9104 Meshnode Router.	899.00	822.59
456329	OM-24-9104		9	822.59
1 EACH	1 year		4.09	809.10

SPEEDLAN Meshnode Installation Kits

431391

For use with SPEEDLAN 9101 and 9104 mesh products.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Wave Wireless	Installation kit, 50' Outdoor Ethernet CAT 5.	99.00	90.59
431391	KM-ODCAT5-50-3		10	90.59
1 EACH			4.54	89.10
NEW	Wave Wireless	Installation kit, 100' Outdoor Ethernet CAT 5.	149.00	136.34
431357	KM-ODCAT5-100-3		17	136.34
1 EACH			7.73	134.10
NEW	Wave Wireless	Installation kit, 200' Outdoor Ethernet CAT 5.	249.00	227.84
475375	KM-ODCAT5-200-3		24	227.84
1 EACH			10.91	224.10
NEW	Wave Wireless	Installation kit, 300' Outdoor Ethernet CAT 5.	345.00	315.68
445342	KM-ODCAT5-300-3		30	315.68
1 EACH			13.64	310.50

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In-Building Wireless LAN [591-48]

If you are buying these, you might need:

Antennas, Microwave Products . . . . . page 185
Radiating Cable . . . . . page 386
Network Cables. . . . . page 649

ironet 1200 Series WLAN

498375

Cisco Aironet 1200 Series access points deliver the security, manageability, upgradability and reliability to create high-performance, enterprise-class wireless LANs. With simultaneous support for both 2.4 GHz and 5 GHz radios, the Cisco Aironet 1200 Series preserves existing IEEE 802.11b investments and provides a migration path to future IEEE 802.11a and IEEE 802.11g technologies. Its modular design supports single- and dual-band configuration, plus the field upgradability to change these configurations as requirements change and technologies evolve.

- ngle or dual radio operation (2.4 & 5.8 GHz)
- ual power source (PoE or Power Module)
- ast aluminum enclosure complies with UL 2043 or installation in environmental air spaces
- dustrial temperature rating
- ual antennas connectors for single or diversity ntenna operation
- 0/100 BASE-T Ethernet backbone port
- Access point control via console port or web browser
- Three integrated LED status indicators
- Standard security cable keyhole
- Security hasp on mounting bracket for padlock
- Expansion slot for 5.8 GHz 802.11a radio (when available)

rt No. y/Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
98375 EACH	Cisco Systems Inc. AIR-AP1220B-A-K9 1 year	Modular Access Point with two Reverse-polarity TNC jacks. Includes power supply, 802.11b radio module. REQUIRED antennas not included.	999.00 4.25 1.93	899.10 759.24 749.25
41370 EACH	Cisco Systems Inc. AIR-AP1200 1 year	Modular Access Point with two Reverse-polarity TNC jacks. Includes power supply. REQUIRED antennas and radio module NOT INCLUDED.	999.00 3.75 1.7	899.10 759.24 749.25
95353 EACH	Cisco Systems Inc. AIR-MP20B-A-K9 1 year	2.4 GHz Radio Module for 1200 series access Points. Mini-PCI module is an 802.11b-compliant 2.4 GHz 11 Mbps radio. FCC configuration.	999.00 0.75 0.34	899.10 759.24 749.25

ironet 11Mbps Wireless Networking

442082

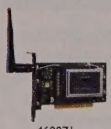
440027

456065

The Cisco Aironet 350 Series Access Point (AP) delivers a cost-effective, reliable, secure, and easily managed wireless LAN (WLAN) solution for enterprise, small, and medium-sized businesses.

rt No. y/Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
41181 EACH	Cisco Systems Inc. AIR-BR350-A-K9 One Year	2.4 to 2.497 GHz Aironet 350 series Wireless Bridge	1,299.00 4.3 1.95	1,169.10 987.24 974.25
42082 EACH	Cisco Systems Inc. AIR-AP351E2C 1 year	2.4 - 2.4835 GHz ISM band 350 series 11Mbps DSSS Access Point w/ 40 bit WEP encryption with captured diversity antenna	1,499.00 3 1.36	1,349.10 1,139.24 1,124.25
41067 EACH	Cisco Systems Inc. AIR-AP352E2C 1 year	2.4 - 2.4835 GHz ISM band 350 series 11Mbps DSSS Access Point w/ 128 bit WEP encryption with captured diversity antenna	1,499.00 3 1.36	1,349.10 1,139.24 1,124.25
40027 EACH	Cisco Systems Inc. AIR-LMC352/40 1 year	2.4 - 2.4835 GHz ISM band 350 Series 11Mbps DSSS PC Card Adapter w/ 128 bit WEP encryption without antennas 40 Pack	6,249.00 10 4.54	5,624.10 4,749.24 4,686.75
46064 EACH	Cisco Systems Inc. AIR-PCM352 1 year	2.4 - 2.4835 GHz ISM band 350 Series 11Mbps DSSS PC Card w/ 128 bit WEP encryption without antennas	169.00 1.36 0.62	152.10 128.44 126.75
46165 EACH	Cisco Systems Inc. AIR-LMC352 1 year	2.4 - 2.4835 GHz ISM band 350 Series 11Mbps DSSS PC Card Adapter w/ 128 bit WEP encryption without antennas. Dual MMCX connectors.	159.00 0.5 0.23	143.10 120.84 119.25
46065 EACH	Cisco Systems Inc. AIR-WGB352C 1 year	2.4 - 2.4835 GHz ISM band 350 Series 11 Mbps Workgroup Bridge, 128 bit WEP encryption with integrated unremovable 2.2 dBi dipole antenna. Allows one device (8 deviced through hub) to connect wirelessly to access point.	599.00 5 2.27	539.10 455.24 449.25
41075 EACH	Cisco Systems Inc. AIR-WGB352R 1 year	2.4 - 2.4835 GHz ISM band 350 Series 11 Mbps Workgroup Bridge, 128 bit WEP encryption with two reverse-polarity TNC jacks. Required optional antennas are not included. Allows one device (8 deviced through hub) to connect wirelessly to access point.	629.00 5 2.27	566.10 478.04 471.75

Aironet 11Mbps WLAN Client Adapter



460071
- 802.11b
- 2.4 GHz

The 350 series client adapters deliver superior range, reliability and performance for business users needing information access anytime, anywhere. These models are PCI cards with 2.2 dBi Dipole Antennas.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
460071 1 EACH	Cisco Systems Inc. AIR-PCI352 Limited Lifetime	2.4 - 2.4835 GHz ISM band	299.00 0.86 0.39	269.10 227.24 224.25
494093 1 EACH	Cisco Systems Inc. AIR-PCI351 Limited Lifetime	2.4 - 2.4835 GHz ISM band Cisco Aironet 350 Series PCI adapter with single 2.2 dBi antenna and 40 bit WEP encryption	339.00 1 0.45	305.10 257.64 254.25
469034 10 PACK	Cisco Systems Inc. AIR-PCI352/10 Limited Lifetime	2.4 - 2.4835 GHz ISM band	2,989.00 1 0.45	2,690.10 2,271.64 2,241.75

ORiNOCO PC Card Client Devices

477141

The ORiNOCO PC card provides high-speed wireless networking at 11 Mbit/s, and secure Internet access for laptop and desktop computers, as well as a wide range of mobile client computing devices. The ORiNOCO PC Card is designed with a choice of security levels to protect your data. The Silver PC Card has a 64-bit wired equivalent privacy (WEP) key. The Gold version provides enhanced security with a 128-bit key, using RC4 encryption. The ORiNOCO PC Cards are interoperable with other manufacturers high-speed IEEE 802.11b compliant systems and are fully compliant with the WECA (Wireless Ethernet Compatibility Alliance) Wi-Fi 'wireless fidelity' standard. The ORiNOCO PC card is compatible with WindowsÆ 95/98/2000/CE/NT/XP, AppleÆ Mac OS 7.5.2, 8.6, 9.0, and 9.4, Novell Client 3.x & 4.x, and Linux for Intel processors.

- Type-II PCMCIA Cards
- Intuitive ORiNOCO Installation Wizard
- IEEE 802.11b (Wi-Fi) Certified
- Low Power Consumption (1.4W max)
- 15 dBm (32 mW) Output
- 11 Mbps max
- Available with 64-bit WEP or 128-bit RC4 Encryption
- ISA, PCI, Serial, Ethernet Adapters Available

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
410345 1 EACH	Proxim 8460-05 3 Years	2.4 and 5.8 GHz Gold 802.11a/b ComboCard with 802.1x authentication, and AES and 152/128/64-bit WEP encryption.	179.00 2 0.91	179.00 179.00 170.05
477141 1 EACH	Proxim GOLD PC CARD 1 year	2.4 - 2.4835 GHz ISM band Proxim ORiNOCO Gold PC Card. 128-bit RC4 encryption. 802.11b compliant.	119.00 0.78 0.35	119.00 119.00 113.05
420102 5 PACK	Proxim GOLD PC CARD 5PK 1 year	2.4 - 2.4835 GHz ISM band Proxim ORiNOCO Gold PC Card 5 pack. 128-bit RC4 encryption. 802.11b compliant.	579.00 3 1.36	579.00 579.00 550.05
430126 20 PACK	Proxim GOLD PC CARD 20PK 1 Year	2.4 - 2.4835 GHz ISM band Proxim ORiNOCO Gold PC Card 20 pack. 128-bit RC4 encryption. 802.11b compliant.	2,300.00 12 5.45	2,300.00 2,300.00 2,185.00
491140 1 EACH	Proxim SILVER PC CARD 1 year	2.4 - 2.4835 GHz ISM band Proxim ORiNOCO Silver Card. 64-bit WEP encryption. 802.11b compliant.	99.00 0.78 0.35	99.00 99.00 94.05
428128 20 PACK	Proxim SILVER PCCARD20PK 1 year	2.4 - 2.4835 GHz ISM band Proxim ORiNOCO Silver Card 20 Pack. 64-bit WEP encryption. 802.11b compliant.	1,900.00 10 4.54	1,900.00 1,900.00 1,805.00
437390 1 EACH	Proxim PCI ADAPTER 1 year	2.4 - 2.4835 GHz ISM band Proxim ORiNOCO PCI Adapter for ORiNOCO PC Card.	69.00 0.54 0.25	69.00 69.00 65.55
417332 1 EACH	Proxim ISA ADAPTER 1 year	2.4 - 2.4835 GHz ISM band Proxim ISA Adapter Card accepts any standard IEEE 802.11 NIC's for use in a desktop PC's ISA slot.	69.00 1 0.45	69.00 69.00 65.55

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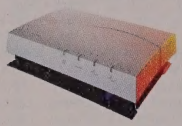
Proxim Corporation is a leading provider of high-performance wireless LAN and wireless WAN products. The company holds leading shares in the fast-growing 802.11b, 802.11a, and license-exempt fixed wireless networking markets.

ORiNOCO Enterprise Access Point



The ORiNOCO AP-2000 Access Point is a full featured wireless bridge that extends the range of wired Ethernet networks and enables easy migratioin to 5 GHz. Dual slot architecture provides configuration flexibilityand increased network capacity through the use of two Network Interface Cards. The AP-2000 provides high level security including IEEE 802.1x. Wireless Distribution System (WDS) support enables wireless conneciton of multiple PC's, providing for complete wireless infrastructure configurations. Web enabled and SNMP network management make configuration and remote management very easy. Wi-Fi compliant with high performance 11 Mbps data rate and a coverage range of 1750 ft / 550 m.

- 5 GHz Migration
- User based authentication and automatic WEP key distribution
- Web-based, full SNMP management, with Embedded Telnet/CLI support
- Power over Ethernet support
- RADIUS-Based Access Control
- WEP and 128 RC4 encryption and MAC Address Control Table
- Enhanced roaming across disparate locations and infrastructures
- Ultra High Density, allows users to create smaller cell sizes to increase capacity
- Auto Channel Selection
- Virtual Local Area Network (VLAN) support

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
469364 1 EACH	Proxim AP-2000 1 Year	Dual-Slot, High-performance Enterprise Access Point. With 110/240 VAC power supply. (Requires one or two Gold or Silver PC card radios.)	895.00 6.8 3.09	895.00 895.00 850.25
499317 1 EACH	Proxim AP-2000 1 Year	ORiNOCO Dual-Slot, High-performance Enterprise Access Point. Active Ethernet (PoE) splitter included, no power supply. (Requires one or two Gold or Silver PC card radios.)	895.00 6.8 3.09	895.00 895.00 850.25

Proxim Corporation is a leading provider of high-performance wireless LAN and wireless WAN products. The company holds leading shares in the fast-growing 802.11b, 802.11a, and license-exempt fixed wireless networking markets.

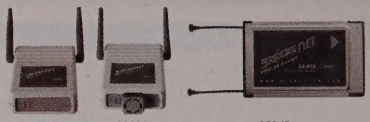
ORiNOCO Public Access Wireless LAN

The AP-2500 is an all-in-one WLAN access point and access gateway that enables a wireless LAN infrastructure for public hot spots. The AP-2500 is a true Hot-spot-in-a-box solution enabling service differentiation and operating cost savings for hot spot operators.

- Supports Wi-Fi 802.11b and 802.11a simultaneously.
- Provides up to 250 concurrent 2.4 GHz sessions per cell
- Provides up to 500 concurrent 5 GHz sessions per cell
- Includes bandwidth management
- Dual slot architecture accommodates two Network Interface Cards
- Wireless Distribution System (WDS) support enables wireless connection between Access Points
- Web enabled and SNMP network management

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
435388 1 EACH	Proxim AP-2500 1 Year	2.4 GHz and 5.8 GHz Dual-Slot, High-performance Public Hot Spot Access Point. With 110/240 VAC power supply. Includes one Gold PC card radio and mounting materials.	1,095.00 6.15 2.8	1,062.15 1,018.35 930.75
419375 1 EACH	Proxim AP-2500AE 1 Year	2.4 GHz and 5.8 GHz Dual-Slot, High-performance Public Hot Spot Access Point. Active Ethernet version for PoE. Includes one Gold PC card radio and mounting materials.	1,095.00 6.15 2.8	1,062.15 1,018.35 930.75

BreezeNET PRO.11 Wireless LAN



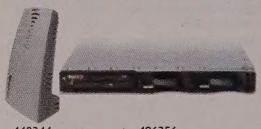
87741 22920 85243

BreezeNET provides an ideal wireless solution for indoor a cations, satisfying a wide rang customers: from small to larg corporate enterprises, campu educational and medical insti tions, transportation, manufa ing, retail and warehouse faci municipalities, temporary ven and remote offices.

- IEEE 802.11 and IEEE 802.3-compatible
- WEP-Wired Equivalent Privacy (RC4 encryption & authentication)
- Form factor sized PCMCIA card with retractable diversity antennas
- PCMCIA card - ability to function as an access point
- Load balancing ø balances the load among collocated access points
- High speed roaming
- Connects to any standard Ethernet port
- Power saving enables handheld devices longer b tery life
- Frequency Hopping Spread Spectrum (FHSS)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
87741 1 EACH	Alvarion AP-10 1 year	2.4 - 2.4835 GHz ISM band 2.4GHz Ethernet Access Point with 2dBi integral antennas, monitor cable, power supply, mounting bracket and comprehensive users guide.	1,095.00 1.5 0.68	88 86 82
22920 1 EACH	Alvarion 811402 1 year	Single-Port Station Adapter w/2dBi integral antennas , power supply, and quick installation guide	595.00 1.5 0.68	48 47 44
60064 1 EACH	Alvarion SA-40 1 year	2.4 - 2.4835 GHz ISM band Pro.11 series four-port station adapter w/ 2dBi integral antennas, power supply and quick installation guide	1,195.00 1.68 0.76	96 94 89
85243 1 EACH	Alvarion SA-PCR 1 year	2.4 - 2.4835 GHz ISM band Pro.11 Series typeII PC Card adapter w/ dual diversity retractable antennas, driver software and installation guide	249.00 0.28 0.13	20 19 18

Colubris Wireless Access Systems



440344 486356

Colubris Networks designs, develops and manufa tures highly secure and reliable wireless network products for applications in Enterprises, Governm Agencies and public area "Hot Spots".

- IEEE 802.11b
- Frequency Band: 2.4-2.4835 GHz
- 11Mbps with fallback rates of 5.5, 2 and 1Mbps
- Range of 100 meters (300 feet)
- Communicates with all Wi-Fi wireless adapters
- Supports all operating systems
- DHCP Server, DHCP Relay, DHCP Client
- PPPoE
- IP Routing: Static and RIP v1, RIP v2
- IPX Routing
- SNMP v1, v2 MIB-II with traps and Colubris MI
- 40/128 bit WEP
- Seamless Roaming (CN1050, CN1054)
- Integrated VPN Client for secure remote conne tion
- Customizable firewall with packet filtering base protocol port and IP address
- NAT with port forwarding
- Web-based management tool
- Web-based firmware upgrades
- Secure (SSL) Management Tools
- *Contact TESSCO for Country Specific Produc Models

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T T T
440344 1 EACH	Colubris Networks 70-10-0000-01 1 year	2.4 Ghz CN1000 Wireless LAN Router.	549.00 7 3.18	47 47 45
492323 1 EACH	Colubris Networks 70-10-5000-01 1 year	2.4 Ghz CN1050 Wireless LAN Router	799.00 7 3.18	68 68 66
445388 1 EACH	Colubris Networks 70-10-5400-01 1 year	2.4 Ghz CN1054 Wireless LAN Router, with built in 4 port 10/100BaseT switch.	999.00 7 3.18	86 85 82
454328 1 EACH	Colubris Networks 70-30-0000-01 1 year	2.4 Ghz CN3000 Wireless Access Controller. Wireless access point and access controller combined. Supports up to 100 users.	775.00 7 3.18	66 66 64
486356 1 EACH	Colubris Networks 70-35-0000-01 1 year	CN3500 Access Controller. Rack mountable. Supports 1024 wireless users. For use in medium to larger wireless environments.	3,795.00 10 4.54	3,2 3,2 3,1
480329 1 EACH	Colubris Networks 70-03-0000-01 1 year	2.4 GHz CN300 Wireless Bridge. Downstream receiver extends coverage of the Access Controllers (CN3000, CN3500).	475.00 7 3.18	4 4 3
494370 1 EACH	Colubris Networks 60-05-0200 1 year	2.4 Ghz Airpath Wireless Access Controller for Hot Spot Applications.	775.00 10 4.54	6 6 6

TESSCO TECHNOLOGIES®

NORTH AMERICA 800-472-7373
REST OF WORLD +1 410-229-1200
FAX 410-527-0005
WWW.TESSCO.COM

NEW = New Listing. Pricing for reference
See TESSCO.com for latest pricing and pr
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olubris Accessories

442372

498327

rt No. y/Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
42372 EACH	Colubris Networks 71-01-0300-01 1 year	Single Port Power Injector. Used to provide power to Access Points and Bridges over ethernet (LAN Hub). Input voltage 90-264VAC. Output voltage -48 Vdc.	115.00 1 0.45	99.02 98.90 95.45
40397 EACH	Colubris Networks 71-01-0100-01 1 year	COLUBRIS Wireless Router Splitter. Takes power over ethernet as an input and provides data and AC Power to the Wireless Access point.	105.00 2 0.91	90.41 90.30 87.15
98327 EACH	Colubris Networks 71-01-0200-01 1 year	Six (6) Port Power Injector. Used to provide power to Access Points and Bridges over ethernet (LAN Hub). Input voltage 90-264VAC. Output voltage -48 Vdc.	999.00 3 1.36	860.14 859.14 829.17

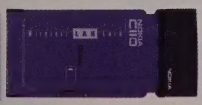
ireless Access Complete Kits

These kits consist of all the items required to setup controlled wireless access in an office, company, or enterprise. Each kit contains one or more of: Nokia P022 Access Controller, A032 Access Point, C110 Wireless LAN PC Card.
k the package that suites your needs. Additional cards and access points can be added as the ed grows.

rt No. /Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
5130 EACH	Nokia BroadBand P022/A032/C110	Wireless Access Office Kit. One P022 Access Controller, one A032 Access Point, ten C110 Wireless LAN PC Cards.	12,938.00 30 13.64	12,938.00 12,938.00 12,938.00
5135 EACH	Nokia BroadBand P022/A032/C110/30	Wireless Access Corporate Kit. One P022 Access Controller, three A032 Access Points, thirty C110 Wireless LAN PC Cards.	18,816.00 30 13.64	18,816.00 18,816.00 18,816.00
5135 EACH	Nokia BroadBand P022/A032/C110/50	Wireless Access Enterprise Kit. One P022 Access Controller, five A032 Access Points, fifty C110 Wireless LAN PC Cards.	24,694.00 65 29.54	24,694.00 24,694.00 24,694.00

okia Wireless Lan

445088



447091

Increased mobility is a general trend within the business community. People are spending more and more time away from their office desks, yet they want to have reliable access to corporate database and the Internet. Nokia's Wireless LAN solution provides an excellent way to extend the reach of local area networks. Instead of plugging into a wired LAN wall outlet, you can connect to the corporate network through your PC and personal wireless LAN card fast and easily and have broadband-speed data rate available - without wires.

- l Roaming Capabilities Between Access Points
- grated Smart Card Reader For Secure Authentication, Authorization, and Accounting
- To 11 Mbit/s Data Rate
- Complies with IEEE 802.11b Standard
- License-Free 2.4 GHz Band

t No. /Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
5088 ACH	Nokia BroadBand A032 1 year	2.4 - 2.4835 GHz ISM band 802.11b Access Point with Auto configuration software for easy setup and activation.	999.00 5 2.27	832.17 768.24 713.29
7091 ACH	Nokia BroadBand C110 1 year	2.4 - 2.4835 GHz ISM band Nokia C110 PC card 802.11 b with 11 Mbps Auto configuration software for easy setup and activation. Dual internal diversity antenna version.	194.00 0.55 0.25	194.00 174.60 166.84
1011 ACH	Nokia BroadBand C111 1 year	2.4 - 2.4835 GHz ISM band Nokia C111 PC card with exterior antenna with 802.11 b with 11 Mbps Auto configuration software for easy setup and activation.	210.00 0.5 0.23	210.00 189.00 180.60
1086 ACH	Nokia BroadBand SMART CARD 1 year	The PIN-protected Nokia Smart Card can be used for storing profiles and WEP keys. Standard ID000 sized (same size as a SIM card) in ID1 sized plastic body. Memory size is 8KB.	29.90 0.1 0.05	24.91 23.00 21.35
2008 ACH	Nokia BroadBand C910 1 year	Wireless LAN PCI Adapter. Use a C110 or C111 PCMCIA WLAN card in a standard desktop PC.	89.00 0.25 0.11	74.14 68.45 63.55

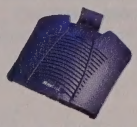
Nokia Wireless LAN Antennas

450064

Auxillary antennas for exclusively for Nokia WLAN systems enhance the coverage of the the system by shaping the coverage pattern. Choose the antenna that best suits your needs

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
450064 1 EACH	Nokia BroadBand C950 1 year	2.4 - 2.4835 GHz ISM band Omnidirectional indoor antenna, 2.4 GHz, 2.5 dBi, proprietary connector on 6' cable.	49.00 0.1 0.05	40.82 37.69 34.99
476008 1 EACH	Nokia BroadBand C960 1 year	2.4 - 2.4835 GHz ISM band Bidirectional dual dipole indoor antenna, 2.4 GHz, 4 dBi, 70 deg E-plane, 120 deg H-plane, proprietary connectors on 6' cable.	99.00 0.1 0.05	82.47 76.14 70.69
460074 1 EACH	Nokia BroadBand C961 1 year	2.4 - 2.4835 GHz ISM band Directional yagi indoor antenna, 2.4 GHz, 7 dBi, 70 deg E-plane, 100 deg H-plane, proprietary connectors on 6' cable.	99.00 0.1 0.05	82.47 76.14 70.69
410002 1 EACH	Nokia BroadBand C962 1 year	2.4 - 2.4835 GHz ISM band Directional yagi indoor antenna, 2.4 GHz, 9 dBi, 60 deg E-plane, 80 deg H-Plane, proprietary connectors on 6' cable.	99.00 0.1 0.05	82.47 76.14 70.69

Raylink Access Points

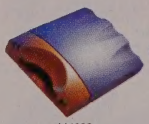


The Raylink Access Point is a wireless LAN-to-Ethernet bridge which provides direct, transparent access to an existing wired Ethernet LAN. With overlapping Access Points, mobile computer users can roam seamlessly from one Raylink Access Point to another while maintaining a live network connection. Designed for use with the Raylink PC Card.

- 2 Mbps Optimized Data Throughput
- Built-in 10BaseT Ethernet support
- Diversity antennas to reduce fading and multi-path
- Network Operating System independent
- 802.11 Compliant (FHSS)
- Includes Raylink PC Card with integrated radio/antenna
- Supports 61 Concurrent Users
- RS-232 Diagnostics port
- 100 mW Output Power
- User Authenticaion and Password Protection
- Upgradeable FLASH Firmware
- SNMP/MIB II Compliant
- Windows 9x/ME/2000/NT Support

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
490353 1 EACH	Raylink AP-RAY-LINK-V2 1 Year	2.4 - 2.4835 GHz ISM band Wireless LAN Access Point with PC Card Radio/Antenna.	248.75 4 1.82	199.00 199.00 199.00

Raylink Subscriber Card Adapters



444023

432024

The Raylink PCMCIA Adapters allow a seamless interface between the desktop PC and a PC Card Radio. Select the adapter that best fits the PC and operating system in use. These adapters are compatible with both the Raylink WLAN and WISP Subscriber cards.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
444023 1 EACH	Raylink CA-USB-RAYLINK01 1 Year	USB to Type II PCMCIA Card adapter. Compatible with Windows 98/ME/2000. For Raylink WLAN and WISP Subscriber Cards.	61.25 0.01 0	49.00 49.00 49.00
432024 1 EACH	Raylink PC-ISA-PCMCIA-XX 1 Year	Wireless ISA-slot PCMCIA Card adapter. Compatible with Windows 95/98/SE/ME/NT4/2000. For Raylink WLAN and WISP Subscriber Cards.	29.40 0.01 0	23.50 23.50 23.50

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Raylink Subscriber Cards

Raylink PC Card provides plug-and-play wireless connectivity for any portable computer equipped with a PC Card Type II Slot. The revolutionary one-piece design represents a breakthrough in radio performance, combining superior ease-of-use with 1,000 feet range and power efficiency.

495004

- 2 Mbps Optimized Data Throughput
- Network Operating System independent
- 802.11 Compliant (FHSS)
- 100 mW Output Power
- User Authentication and Password Protection
- Ad Hoc or Infrastructure Operation
- Windows 9x/2000/NT, Mac, Linux, and Novell OS Support
- ISA, PCI, and USB adapters available.

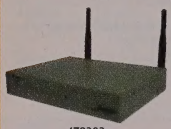
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
495004 1 EACH	Raylink CR-RAY-LINK24020 1 Year	2.4 - 2.4835 GHz ISM band Wireless LAN Access PCMCIA Card	98.75 4 1.82	79.00 79.00 79.00

smart **Bridges**

to the future...

Build carrier-class, cost-effective wireless infrastructure with smartBridges' easy-to-deploy and maintain indoor/outdoor radios, access points and accessories for all your Internet and WLAN needs.

smartBridges Enterprise Access Point



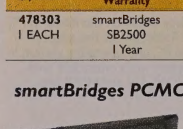
This is an advanced long-range wireless access point catering to the high performance needs of enterprises. airPoint supports Power over Ethernet (PoE) and with its great features is positioned to the heart of complex and diverse wireless LAN networks.

478303

- IEEE 802.11b
- 2.4-2.4835 GHz
- 100 mW Radio Output
- Excellent -95 dBm Receiver Sensitivity
- 128-Bit WEP Encryption
- simpleManager Remote Management Software Included
- Wall, Ceiling, or Desktop Mounting
- PoE Remote Powered, Injector and Power Supply Included

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
478303 1 EACH	smartBridges SB2500 1 Year	2.4 - 2.4835 GHz ISM band Enterprise Access Point. 128-bit WEP encryption. 802.11b compliant.	476.70 2 0.91	429.00 429.00 429.00

smartBridges PCMCIA Client Card



A high-quality, superior performance wireless PCMCIA client designed for notebook computers. Simple connectivity and superior security features makes airCard an essential requirement for users desirous of exploring the potential of wireless broadband and wireless LANs.

485320

- IEEE 802.11b
- 2.4-2.4835 GHz
- 25 mW Radio Output Minimum
- Excellent -95 dBm Receiver Sensitivity
- 128-Bit WEP Encryption
- Works with Windows 98/ME/2000/XP and Linux

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
485320 1 EACH	smartBridges SB2200 1 Year	2.4 - 2.4835 GHz ISM band Wireless PCMCIA Card. 128-bit WEP encryption. 802.11b compliant.	154.45 0.25 0.11	139.00 139.00 139.00

Symphony Cordless Network

487268 468264

Symphony cordless/Wireless Solutions. Connect Your together to create a home or small office wireless ne work. Built in firewall for protection against internet

- 2.4-2.4835 GHz ISM band
- 1.6 Mbps
- Frequency Hopping Spread Spectrum (FHSS)
- -30 to +60 degrees centigrade
- WINDOWS 95/98/XP

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
487257 1 EACH	Proxim 4442-05 2 years	2.4 to 2.4835 GHz For notebooks with PC Card slot. Share a single Internet connection, printers, files, and even play multi-player games at Ethernet speeds. Includes modem sharing software and built-in firewall. HomeRF 2.0 standards compliant.	100.00 2 0.91	99 95 90
487268 1 EACH	Proxim 4240-05 2 years	2.4 to 2.4835 GHz Symphony USB Adapter for desktop PC's with USB port. HomeRF 2.0 standards compliant.	100.00 7 3.18	99 95 90
468264 1 EACH	Proxim 4940-05 2 years	2.4 to 2.4835 GHz Symphony HomeRF Base Station. Includes integrated firewall and DHCP server with NAT. HomeRF 2.0 standards compliant.	200.00 2 0.91	199 190 180

RangeLAN2 Wireless LAN Interfaces

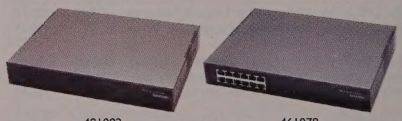
430016 482093 447018 479011

Wireless LAN Interface Cards

- Data Rate 1.6Mbps per channel 800Kbps fallback rate for the extended range
- Supports 15 independent, non-interferring vertual channels (frequency hopping patterns)
- Radio Type: FHSS
- 100 mW output
- Network Architecture: Supports add hoc peer-to-peer networks and communications to wired Ethernet or Token Ring networks vai an Access Point
- Drivers: NDIS 3.1 (for WIN 9X and NT); NDIS 2 (DOS, Windows for Workgroups); ODI 4.0 (for Nerware); Windows CE 2.0 ; Integrated in Wind CE 2.11 OS (Handheld Pro edition 3.0)S
- Security: 20 character alphanumeric
- Domians: up to 16 domians for simultanous inde pendent networks
- Seamless roaming

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
430016 1 EACH	Proxim 7422-05 2 years	2.4 to 2.4835 GHz PC Card with snap-on antenna	295.00 2 0.91	29 28 26
482093 1 EACH	Proxim 7421-05 2 years	2.4 to 2.4835 GHz PC Card with dipole antenna	295.00 1 0.45	29 28 26
447018 1 EACH	Proxim 7110-05 1 year	2.4 to 2.4835 GHz PCI card adapter network up to 10 computers within 500' indoors, peer to peer with no hub required.	249.00 2 0.91	24 23 22
479011 1 EACH	Proxim 7423-05 2 years	2.4 to 2.4835 GHz PC Card with both snap-on and dipole antennas	345.00 2 0.91	34 32 31

Harmony Controllers



481082 461078

Compatable with both Ha mony OpenAir and 802.1 Enterprise Products

- Minimizes installation complexity
- Increases up-time on system

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
481082 1 EACH	Proxim 7560-05 1 year	2.4 - 2.4835 GHz ISM band Harmony AP Controller supports any radio protocol, manage up to 10 Access Points vai SNMP MIB-II or HTTP, Ethernet frame type filtering, password protected web-interface security, MAC address-based access control list, DHCP, and built in upgrade path.	1,495.00 5 2.27	1,4 1,4 1,3

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See TESSCO.com for latest pricing and pro
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inuing product table (2 of 2)

t No. /Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1078 ACH	Proxim 7562-05 1 year	2.4 to 2.4835 GHz Harmony Power Controller supplies24VDC power to up to 6 Harmony Access Points over cat-5 cable.	695.00 5 2.27	695.00 660.25 625.50

armony OpenAir

Harmony Enterprise Wireless Networking with the OpenAir Standard

Mbps Max data rate
equency Hopping Spread Spectrum (FHSS)
x range: 500 ft in a typical office setting

- Max range: 1000 ft in open spaces
- 15 independant channels worldwide
- Fully interoperable with RangeLAN2 products and other OpenAir standard products

t No. /Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
2146 ACH	Proxim 7059 1 year	2.4 to 2.4835 GHz Harmony power over LAN Module for Open Air Access Point. Supplies data and power to OpenAir Access Point via Harmony power system. Includes two 6" cables to connect the the module to the AP's power and Ethernet connectors (RJ45). Requires CAT5 (not included) to connect module to Harmony Power System	98.00 4 1.82	98.00 93.10 88.20

armony Enterprise 802.11b

447150 414097 418193 419121

476131 488166 497164

Harmony Enterprise 802.11b LAN

470132

11 Mbps wireless networking
ck and Flexible connectivity
nd 128 bit Wireed Equivalancy Protection EP)

- 11 channels for North America; 14 Janpan; 13 Europe; 2 Spain; 4 France
- 11 Mbps 460', 5.5 Mbps 655', 2 Mbps 885', 1 Mbps 1300'

uing product table (1 of 2)

No. Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
150 ACH	Proxim 8630-05 3 years	2.4 - 2.4835 GHz ISM band Harmony Type II Compact-Flash Wireless LAN card. Use in Compaq iPAQ H3600 series and Casio Cassiopeia E-125 Pocket PC's. Includes integrated antenna, quick start guide, CD-ROM with drivers and utilities.	179.00 1 0.45	179.00 170.05 161.10
097 ACH	Proxim 8432-05 3 year	2.4 - 2.4835 GHz ISM band Harmony PC card with integrated antenna.	149.00 2 0.91	149.00 141.55 134.10
193 ACH	Proxim PN8584-1 3 year	2.4 - 2.4835 GHz ISM band Skyline 802.11b Wireless Broadband Gateway. 4 port 10/100 switch, 802.11b wireless access point plus a separate 10/100 Ethernet port.	279.00 1 0.45	267.84 265.05 265.05
121 ACH	Proxim PN4040 3 year	5.15 - 5.35 GHz PROXIM Skyline 54Mbps Access Point. 5.8 GHz, 802.11a Proxim 2X mode for 108 Mbps. Secure 152-bit encryption. Web configuration utility.	449.00 1 0.45	431.04 426.55 426.55
131 ACH	Proxim PN4030 3 year	2.4 - 2.4835 GHz ISM band	179.00 1 0.45	171.84 170.05 170.05
166 ACH	Proxim PN474-1 3 year	2.4 - 2.4835 GHz ISM band	149.00 1 0.45	143.04 141.55 141.55

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
497164 1 EACH	Proxim PN473A 3 year	2.4 - 2.4835 GHz ISM band	119.00 1 0.45	114.24 113.05 113.05
470132 1 EACH	Proxim 8110-05 3 years	2.4 - 2.4835 GHz ISM band Harmony PCI card. Supports peer to peer and ad hoc configurations to wired networks via Access Points. CSMA/CA.	199.00 2 0.91	199.00 189.05 179.10
414124 1 EACH	Proxim PHSK-00	2.4 to 2.4835 GHz Harmony Starter Kit includes (1 each) 802.11b Access Point (499061), 802.11b PC Card (414097), Access Point Controller (481082)	2,239.00 15 6.82	2,239.00 2,127.05 2,015.10

Harmony 802.11a

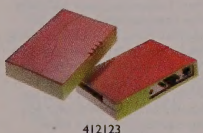
Harmony 802.11a FastWireless Kit

447116

- 802.11a compliant CardBus Cards
- Speeds up to 54Mbps in standard mode/100 Mbps in Proxim's 2X mode
- 5 GHz frequency band
- 8 non-overlapping channels
- Industry-standard data encryption plus enhanced security with Harmony AP Controller
- Built-in capacity for growing networks
- Fastest wireless LAN available
- Interference-free transmissions

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
447116 1 EACH	Proxim 8570-05 1 year	5 GHz Harmony 802.11a Access Point with integrated antennas, mounting bracket, user's guide. Harmony AP Controller is required.	695.00 3 1.36	695.00 660.25 625.50
443119 1 EACH	Proxim 8571-05 1 year	5 GHz Harmony 802.11a connectorized Access Point with external antenna connectors (SMA-Female), mounting bracket, user's guide. Harmony AP Controller is required.	695.00 3 1.36	695.00 660.25 625.50
491346 1 EACH	Proxim PHSK-01 1 year	5.15 GHz to 5.35 GHz Harmony 802.11a Starter Kit includes (1 each) 802.11a Access Point , 802.11a PC Card, Access Point Controller.	2,389.00 15 6.82	2,389.00 2,269.55 2,150.10
465395 1 EACH	Proxim 7062 1 year	5.25 - 5.35 GHz PROXIM 3dBi indoor Omni antenna for model 8571-05, 802.11a connectorized Access Point. Includes 12 inch, SMA male pigtail.	119.00 5 2.27	119.00 113.05 107.10
470353 1 EACH	Proxim 7063 1 year	5.25 - 5.35 GHz PROXIM 12.dBi indoor/outdoor patch antenna for model 8571-05, 802.11a connectorized Access Point. Includes SMA male pigtail.	169.00 5 2.27	169.00 160.55 152.10
469354 1 EACH	Proxim 7064 1 year	5.25 - 5.35 GHz PROXIM 7dBi Outdoor Omni antenna for model 8571-05, 802.11a connectorized Access Point. Includes 12 inch, SMA male pigtail.	149.00 7 3.18	149.00 141.55 134.10
459323 1 EACH	Proxim 7066 1 year	5.25 - 5.35 GHz PROXIM 5dBi Outdoor Omni antenna for model 8571-05, 802.11a connectorized Access Point. Includes 5 inch, SMA male pigtail.	119.00 5 2.27	119.00 113.05 107.10

ORiNOCO Ethernet/Serial Converters



412123

With the ORiNOCO Ethernet & Serial Converter products your organization can now build a complete wireless LAN solution for in-building connectivity. Now you can wirelessly connect all systems that are equipped with Ethernet ports and/or Serial ports to the Wireless Infrastructure. Customizing the unit parameters can be achieved via the WaveMANAGER/EC tool that is shipped with every unit. In case of an RS-232 client the unit requires simple configuration via the WaveMANAGER/EC or via the RS-232 port.

- 10Base-T (RJ-45) Ethernet Port
- RS-232 (DB-9) Serial Port (EC-S only)
- Serial Speeds 112.5 to 230,400 baud
- WaveMANAGER/EC Configuration Software
- 5 VDC power (120VAC Adapter Included)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
412123 1 EACH	Proxim EC 3 Years	2.4 Wireless Ethernet Converter. REQUIRES Gold or Silver PC Card, sold separately.	229.00 2.3 1.05	229.00 229.00 217.55
424173 1 EACH	Proxim EC-S 3 Years	2.4 Ethernet and Serial Converter. REQUIRES Gold or Silver PC Card, sold separately.	329.00 2.3 1.05	329.00 329.00 312.55

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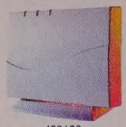
ORiNOCO Small/Medium Enterprise AP



453193

Attractively priced full-featured wireless bridge for 10-50 users. ORiNOCO AP-500 extends the range of a wired Ethernet network, creating a wireless LAN. If youre an enterprise and you want to provide mobility, AP-500 offers an ideal cost-effective infrastructure solution. This high performance wireless bridge supports all wireless LAN features in exactly the same way as the AP-1000, except it's single radio slot is already filled with a Gold PC Card radio.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
453193 1 EACH	Proxim AP-500 1 year	2.4 - 2.4835 GHz ISM band Small/Medium Enterprise Access Point. Single channel. Supports 10 Mb Ethernet backbone and one radio. Includes PC Card radio.	495.00 5 2.27	495.00 495.00 470.25

ORiNOCO USB Clients

439112

The Agere ORiNOCO USB Client provides high-speed (11 Mbit/s) wireless Internet Access and networking for USB enabled desktops anywhere, anytime. No need to open the desktop to install a wireless network, no worries about device conflicts, no searching for a power supply or vacant ISA or PCI slot. The USB Silver Client supports wired equivalent privacy (WEP), using a 64-bit key. The Gold version provides enhanced security with a 128-bit key, using RC4 encryption. IEEE 802.11b compliant, Wi-Fi certified.

- Includes 36" USB Cable
- For Windows 95/98/SE/ME/2000

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
439112 1 EACH	Proxim USB CLIENT GOLD 1 year	802.11b Wi-Fi USB Client Gold World. Table Top Unit, USB 1.1 compliant. 128-bit key RC4 encryption.	169.00 2 0.91	169.00 169.00 160.55
452106 5 PACK	Proxim USB CLIENT GOLD 1 year	802.11b Wi-Fi USB Client Gold World. Table Top Unit, USB 1.1 compliant. 128-bit key RC4 encryption.	799.00 5 2.27	799.00 799.00 759.05
433137 20 PACK	Proxim USB CLIENT GOLD 1 year	2.4 - 2.4835 GHz ISM band 802.11b Wi-Fi USB Client Gold World. Table Top Unit, USB 1.1 compliant. 128-bit key RC4 encryption.	3,200.00 12 5.45	3,200.00 3,200.00 3,040.00
445137 1 EACH	Proxim USB CLIENT SILVER 1 year	802.11b Wi-Fi USB Client Silver World. Table Top Unit, USB 1.1 compliant. 64-bit key WEP encryption.	149.00 2 0.91	149.00 149.00 141.55
454133 20 PACK	Proxim USB CLIENT SILVER 1 year	802.11b Wi-Fi USB Client Silver World. Table Top Unit, USB 1.1 compliant. 64-bit key WEP encryption.	2,800.00 2 0.91	2,800.00 2,800.00 2,660.00

ORiNOCO Active Ethernet (PoE)

436128

Active Ethernet is a feature of the ORiNOCO product line that provides power-over-Ethernet (PoE) capabilities for the entire ORiNOCO family of enterprise, outdoor, and public area wireless networking equipment, including Access Points, Access Servers, and Outdoor Routers. Active Ethernet eliminates the need for power blisters (ac-to-dc converters) and 110/220V AC cabling installation. With Active Ethernet, system installers need to run only a single Ethernet cable instead of separate power and data cables to each Access Point base station, saving up to $1,000 per installation. The Active Ethernet solution consists of a power injector that injects the DC power onto the Ethernet cable. The Active Ethernet unit constantly checks the Ethernet cable for a device that can handle PoE. If it does not detect such a device, Active Ethernet switches off power for that port. This power-monitoring capability protects other devices connected to the Ethernet cable with power as well as the input port of the switch in case of an installation error.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
436128 1 EACH	Proxim 1-PORT INJECTOR 1 Year	Single Port Active Ethernet power injector. AP1000, AP2000, AS2000 require separate splitter. AP500 does not require additional components.	169.00 1 0.45	169.00 169.00 160.55
446388 1 EACH	Proxim POWER SPLITTER 1 Year	Power splitter works with Active Ethernet power injector. For use with AP1000, AP2000 and AS2000.	99.00 1 0.45	99.00 99.00 94.05
454107 1 EACH	Proxim 6-PORT INJECTOR 1 Year	Six Port Active Ethernet power injector.	749.00 5 2.27	749.00 749.00 711.55
420127 1 EACH	Proxim 12-PORT INJECTOR 1 Year	Twelve Port Active Ethernet power injector.	1,199.00 9 4.09	1,199.00 1,199.00 1,139.05

ORiNOCO Broadband Gateways

The ORiNOCO Broadband Gateways are Wi-Fi (802.11b) wireless LAN Access Points and Cable/DSL Internet gatew offering Ethernet ports and wireless access to the Interne The gateways enable sharing of files and peripherals such printers. Advanced features include 128-bit RC4 encryptio access control, built-in firewall with IP/Packet filtering, and remote management tools.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($ T-2($ T-3($
415349 1 EACH	Proxim BG-2000 1 Year	2.4 Broadband Wireless Internet Access Gateway. Supports Dialup, DSL, and Cable Modems.	199.00 3 1.36	199.0 199.0 189.0
499250 1 EACH	Proxim RG-1100 1 Year	2.4 Broadband Wireless Internet Access Gateway. Supports DSL and Cable Modems. Routes onto Wireless and Wired LAN simultaneously.	299.00 3 1.36	299.0 299.0 284.0

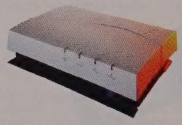
ORiNOCO Enterprise WLAN Antennas

499304

Range Extender Antenna extends the coverage of an ORiNOCO PC Card on bo the client and infrastrure products. Large applications, the Range Extended Anten cuts down the number of required access points, translating into significant cost s ings.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($ T-2($ T-3($
499304 1 EACH	Proxim EXTEND RANGE ANT 1 Year	Antenna can be placed on a table surface or mounted on a ceiling or wall. 1.5 meter cable and connector.	95.00 4 1.82	95.0 95.0 90.2

ORiNOCO High-Security Access Server



The ORiNOCO AS-2000 Access Server is a highly secure, high speed wireless networking system that allows roamin throughout a facility and wireless connectivity for service providers, educational institutions and enterprises. The AS-2000 can be used in security sensitive areas such as office facilities, auditoriums, classrooms, airports, hotels, convention centers, and multi-dwelling and multi-tenant housing units. The AS-2000 delivers significantly enhanced levels of wireless networking security.

- 128-bit RC4 encryption keys.
- 10/100 Ethernet support
- Standard SNMP v2
- Uses one or two ORiNOCO 802.11b (Wi-Fi) compliant radios (not included)
- Unprecedented security with industry-standard RADIUS AAA protocol
- Optional Active Ethernet
- Automatic Key Exchange

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($ T-2($ T-3($
441333 1 EACH	Proxim AS-2000 1 Year	Dual-Slot, High-Security Access Server. With 110/240 VAC power supply. (Requires one or two Gold or Silver PC card radios.)	1,495.00 6.8 3.09	1,495. 1,495. 1,420.

TESSCO TECHNOLOGIES®

NORTH AMERICA 800-472-7373
REST OF WORLD +1 410-229-1200
FAX 410-527-0005
WWW.TESSCO.COM

NEW = New Listing. Pricing for reference o
See TESSCO.com for latest pricing and produ
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3Com's Access Point 8000 affordably extends your wired network and boosts productivity for centrally managed enterprises requiring the most scalable security solution available.

Broadband Wireless Access [592-45]

If you are interested in these, check out

Antennas, Microwave Products . . . . . page 185
Microwave Protection . . . . . page 551

ORiNOCO Outdoor Routers

High speed data networking system for point-to-multipoint and point-to-point links operating in the 2.4 GHz band. The system includes the ORiNOCO COR-1100 Central Outdoor Router, the ROR-1000 Remote Outdoor Router, and the Outdoor Router Client (ORC). Connect remote LAN's with the ROR, and remote clients with ORC's.

441155

- Autoselect data rate: 1 to 11 Mb/s
- Up to 16 Remote Outdoor Routers or 32 ORC per channel
- Up to 3 co-located channels.
- Adaptive Dynamic Polling: No Hidden Nodes
- Data Compression
- Authentication-based MD-5 CHAP
- MAC Address Table Access Control
- Bandwidth Control per ORC
- Protocol Filtering for Bridged Protocol
- Encryption (via PC card): 64-bit WEP, 128-bit RC4
- Transparent to VLAN tags
- Access Point Roaming: ROR's become Access Points for local clients when 2nd PC card radio is installed
- IP Routing (RIP 1 compliant)

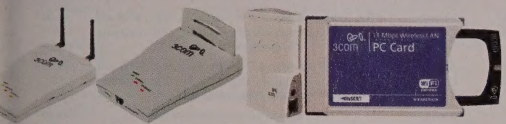
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 441155 1 EACH	Proxim COR-1100 1 Year	Central Outdoor Router. REQUIRES one or two ORiNOCO Gold or Silver PC Cards, not included.	1,695.00 6 2.73	1,695.00 1,695.00 1,610.25
NEW 481185 1 EACH	Agere Systems ROR-1000 1 Year	Remote Outdoor Router. REQUIRES one or two ORiNOCO Gold or Silver PC Cards, not included.	1,195.00 6 2.73	1,195.00 1,195.00 1,135.25
NEW 425189 1 EACH	Agere Systems ROR-1000 KIT 1 Year	Remote Outdoor Router Kit. Includes 14 dBi Yagi Antenna, Silver PC Card, pigtail, lightning arrestor, weatherproof tape. N-type connectors. Antenna cable must be ordered separately	1,995.00 10 4.54	1,995.00 1,995.00 1,895.25
NEW 488350 1 EACH	Proxim OR-500 1 Year	Remote Outdoor Router. Single integrated old Radio Card.	795.00 6 2.73	795.00 795.00 755.25

Orinoco Adapter Cable

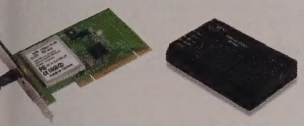
Adapter cable for ORiNOCO Wireless LAN radios. Works with ORiNOCO radios sold under many brand names including Lucent, Agere, Avaya, and Proxim.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 459161 1 EACH	Proxim PIGTAIL - 20" 30 Days	Adapts proprietary connector on Agere ORiNOCO, AVAYA, and Lucent PC Card radios to standard N/Male connector. 20" cable length.	95.00 0.2 0.09	95.00 95.00 90.25
NEW 471193 1 EACH	TESSCO Services CBL-LUCENT-NM-18 30 Days	Adapts proprietary connector to standard N/Male connector. 18" cable length.	49.00 0.25 0.11	40.18 37.10 32.15
NEW 456391 1 EACH	Teletronics Int'l Inc. 16-310 1 Year	Adapts proprietary connector to standard N/Female connector. 18" cable length.	39.00 0.25 0.11	32.37 31.59 30.81

3COM 11 Mbps Wireless LAN



437358 431372 471378 457365



423365 471372

3Com wireless LAN access points work with the LAN PC Cards, PCI adapter, USB adapter, bridges, and cable/DSL gateways/routers to provide untethered network and Internet access when and where it is required.

- reless LAN speeds up to 11 Mbps
- ial speeds up to 115.2 Kbps
- ndows/Linux configuration utility, Serial, Telnet
- E 802.11b and 802.11 (direct sequence mode ly)
- 10BASE-T RJ-45 Ethernet Interface
- RS-232 Serial Interface
- Must purchase 5-volt Wi-Fi compliant PC Card separately
- Includes power supply, mounting, Ethernet cable and Installation CD

t No. 'Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
7358 ACH	3 Com 3CRWE80096A 1 Year	2.4 GHz 11 Mbps Wireless LAN Access Point 8000. Supports 256 simultaneous users at up to 1000 feet.	599.00 8 3.64	479.20 467.22 449.25
1372 ACH	3 Com 3CRWE60092A 1 Year	2.4 GHz 11 Mbps Wireless LAN Access Point 6000. Supports 65 simultaneous users at up to 328 feet. Integrated antenna.	399.00 8 3.64	319.20 311.22 299.25
1378 ACH	3 Com 3CRWE83096A 1 Year	2.4 GHz 11 Mbps Wireless LAN Workgroup Bridge. Supports up to 4 MAC addresses. Integrated antenna. Includes 6 feet of CAT5 cable.	349.00 8 3.64	279.20 272.22 261.75
7365 ACH	3 Com 3CRWE62092B 1 Year	2.4 GHz 11 Mbps Wireless LAN PC Card with XJACK Antenna. Operating distance up to 328 feet at 11 Mbps. Supports Windows XP, 2000, Me, or 98 SE operating systems.	119.00 1 0.45	95.20 92.82 89.25
8365 ACH	3 Com 3CRDW696 1 Year	2.4 GHz 3COM Wireless LAN PCI Adapter. Reverse SMA female connector.	129.00 5 2.27	103.20 100.62 96.75
7371 ACH	3 Com 3CWE483 1 Year	2.4 GHz Omnidirectional Workgroup Bridge Antenna. Extends the wireless data transmission range of the 3Com® 11 Mbps Wireless LAN Workgroup Bridge. 55" cable included.	49.00 8 3.64	39.20 38.22 36.75
1372 ACH	3 Com 3CRWE820A-US 1 year	2.4 GHz Ethernet Client Bridge	279.00 5 2.27	223.20 217.62 209.25

Point to Multipoint

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Raylink Integrated Antenna WISP Clients

464377

Raylink's all-in-one CPE units are easy to install. With a built-in 12 or 18 dBi Flat panel antenna, there is only 1 piece to mount. Simple installation with an included universal mounting bracket allows a broad range of vertical and horizontal adjustment. Connect to client computers through an Ethernet cable, with no need to open up the computer to install cards. These units include everything you need for an install, including mounting bracket, POE injector/network port, AC adapter, and 50 feet of twisted-pair interconnect cable with custom connectors. Choose the antenna gain that best matches your needs.

- Remotely Managed
- Locally or Remotely Configured
- 2.4 GHz operation
- Ethernet data connection
- Status indicators on back of unit
- Flexible mount included.
- Bridged network handles 2048 learned nodes
- ∑ Authentication and Access when used with Raylink AP Controller

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 416363 1 EACH	Raylink WP-CPE-P18AS 1 Year	All-in-one CPE unit with integrated 18dBi flat panel antenna. 15-degree horizontal beamwidth. Ethernet 10Base-T (RJ-45) connection. Includes 50' indoor/outdoor cable, POE injector/network connection, 110-240 VAC power supply.	811.25 4 1.82	649.00 649.00 649.00
NEW 464377 1 EACH	Raylink WP-CPE-P12AS 1 Year	All-in-one CPE unit with integrated 12dBi flat panel antenna. 30-degree horizontal beamwidth. Ethernet 10Base-T (RJ-45) connection. Includes 50' indoor/outdoor cable, POE injector/network connection, 110-240 VAC power supply.	548.75 3 1.36	439.00 439.00 439.00

Alvarion Directional Antennas

32149

High-Gain directional antennas for point-to-point links and remote CPE stations.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
32149 1 EACH	Alvarion UNI-9 KIT 1 yr	One 9 dBi directional antenna with 8 ft cable assembly. Dispersion: 75 deg H, 60 deg V.6" x 6" Mast mounting hardware included	110.00 1.55 0.7	88.00 85.80 82.50
418155 1 EACH	Alvarion UNI-13 KIT	13dBi directional antenna with jumper cable and mounting hardware.	115.00 5 2.27	92.00 89.70 86.25
NEW 458184 1 EACH	Alvarion UNI-24 KIT 1 Year	One 24 dBi directional antenna with 3 ft jumper cable. Dispersion: 6 deg H., 10 deg V.24" x 36" x 15" Mast mounting hardware included. N/Male connector.	125.00 2 0.91	100.00 97.50 93.75
NEW 480339 1 EACH	Alvarion UNI-28-5.8 1 yr	5.7-5.85 GHz, 28 dBi, 2 foot solid parabolic dish antenna with 3 foot cable and adjustable mount.	545.00 24 10.91	441.45 430.55 408.75

Alvarion Sector Antennas

498182

Sector antennas allow users to tailor coverage and capacity of a wireless system to fit specific situations. Choose an antenna with the horizontal beamwidth and gain to match your needs.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 479119 1 EACH	Alvarion SECT-17V-60 1 Year	ALVARION 60 degree 17 dBi Sector Antenna Kit. VERTICAL Polarization. Includes 1m jumper cable w/N-Male connector and hardware for mounting to 2.5" to 4.5" pipe. 2400-2700 MHz. Use with BreezeACCESS II.	645.00 16 7.27	522.45 509.55 483.75
NEW 447390 1 EACH	Alvarion SECT-17V-90-5.8 1 Year	90-degree 17 dBi Sector Antenna Kit. VERTICAL Polarization. 5.8 GHz.	890.00 14 6.36	720.90 703.10 667.50
NEW 498182 1 EACH	Alvarion UNI-16 KIT 1 Year	One 16 dBi directional antenna with 3 ft jumper cable. Dispersion: 28 deg H, 28 deg V.11" x 11" x 3.5". Mast mounting hardware included	120.00 2 0.91	96.00 93.60 90.00

Alvarion Indoor Antennas

32188

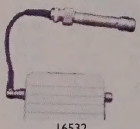
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
32188 1 EACH	Alvarion OMNI-2 1 yr	Two 2 dBi antennas. 3" x 5" with proprietary SMA connector.Dispersion:360 deg H, 60 deg V.No mounting hardware included.	59.00 5 2.27	47. 46. 44.
32223 1 EACH	Alvarion OMNI-5 1 yr	Two 5 dBi antennas. 6.5"L with proprietary SMA connector.Dispersion:360 deg H, 25 deg V.No mounting hardware included.	99.00 5 2.27	79. 77. 74.
NEW 433334 1 EACH	Alvarion MOBILE-5-2.4 1 yr	5dBi omnidirectional mobile antenna.	99.00 3 1.36	79. 77. 74.

Alvarion Omnidirectional Antennas

430194

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
430194 1 EACH	Alvarion OMNI-8 KIT 1 Year	One 8 dBi antenna. 17" x 0.75" with 3ft cable assembly. Dispersion: 360 deg H, 13 deg V. Wall/mast mount included.	135.00 2.9 1.32	108 105 101
NEW 486332 1 EACH	Alvarion OMNI-8-5.8 1 yr	5.7-5.85 GHz, 8 dBi gain, omnidirectional antenna with 5 foot cable assembly and surface/mast mounting hardware. N/Female connector.	135.00 3 1.36	109 106 101

Alvarion Accessories


16532

30908

32049

Cables and accessories for Breezecom equipment.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
16532 1 EACH	Alvarion SPF-1	In-Line Spurious Emissions Filter.	175.00 0.55 0.25	141 138 131
30908 1 EACH	Alvarion AL-1	In-Line lightning arrestor with 10 ft jumper cable.	79.00 1.45 0.66	63 61 59
32049 1 EACH	Alvarion PI-CAT-5 1 year	Power Inserter. Runs DC powerfor BreezeCom radios over the CAT-5 cable.	57.00 5 2.27	45 44 42
NEW 410189 1 EACH	Alvarion LMR-400-30'N-TYPE 1 Year	30 foot extremely low loss extension cable. LMR-400, N/Male to N/Female connectors.	60.00 1 0.45	48 46 45
462011 1 EACH	TESSCO Services RG58/U LSMA/M-N/M 30 Days	Breezecom Adapter. Long-barrel right-angle SMA/Male connector to N/Male on one foot of RG-58/U cable.	44.00 0.1 0.05	36 33 28
475001 1 EACH	TESSCO Services RG58/U LSMA/M-N/F 30 Days	Breezecom Adapter. Long-barrel right-angle SMA/Male connector to N/Female on one foot of RG-58/U cable.	44.00 0.1 0.05	36 33 28
NEW 484163 1 EACH	Alvarion LA-IF 1 Year	I/F Triple Mode lightning arrestor with TNC connectors.	119.00 5 2.27	96 94 89
NEW 491175 1 EACH	Alvarion LMR-400-50'N-TYPE 1 Year	50 foot extremely low loss extension cable. LMR-400, N/Male connectors	70.00 5 2.27	56 54 52

NEW = New Listing. Pricing for reference
See TESSCO.com for latest pricing and pro

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inuing product table (2 of 2)

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
IEW 6146 ACH	Alvarion BREEZEVIEW 30 Days	BreezeView PC network management software for PRO.11 radios.	495.00 0.86 0.39	396.00 386.10 371.25
IEW 7199 ACH	Alvarion LMR-400-10'N-TYPE 1 Year	10 foot extremely low loss extension cable. LMR-400, N/M to N/F connectors	40.00 1.44 0.65	32.00 31.20 30.00
0825 ACH	Alvarion ODB-2 1 Year	NEMA-4 rated outdoor steel enclosure for BreezeCom radios. 7.75"W x 9.75"L x 3.75"D	189.00 20 9.09	151.20 147.42 141.75
9288 ACH	Alvarion MC-1	Monitoring cable for AP-10, SA-10, SA-40 and WB-10. Also works with all "D" models and BA II products.	15.00 1 0.45	12.00 11.70 11.25
IEW 9321 ACH	Alvarion SPF-5.8 1 Year	5.725-5.85 GHz In-Line Spurious Emissions Filter.	295.00 1 0.45	238.95 233.05 221.25
7674 ACH	Alvarion PS-1	Replacement Power Supply for BreezeNet Radios.	36.00 1 0.45	28.80 28.08 27.00
IEW 3328 ACH	Alvarion PS-BU/RB	Replacement Power Supply for BreezeNET DS.5800 Radios.	185.00 2 0.91	149.85 146.15 138.75
IEW 8387 ACH	Alvarion CBL-CAT 5, 50M	Outdoor-rated CAT 5 cable for BreezeNET DS.5800 BU and RB radios. Overall length 160 feet (50 meters).	49.00 8.3 3.77	39.69 38.71 36.75

eezeNET 5.8 GHz Outdoor Bridges

The BreezeNET DS.5800 series of products - designed specifically for challenging environments and adverse weather conditions - provides efficien, cost-effective point-to-point and point-to-multipoint wireless bridging and backhauling. Operating in the 5.8 GHz band, the DS.5800 can bridge distances of up to 50 km (30 miles) at 11 Mbps, making it an ideal solution for Internet backhauls, campus interconnectivity, and community-wide networking.

- 25 - 5.85 GHz
- Channels, 4 non-overlapping
- to 11 Mbps Data Rate
- nge Up to 30 Miles (PtP) or 11 Mile (PtMP)
- se Unit supports up to 128 Remotes
- motes support up to 1024 Ethernet devices
- l LED diagnostics and RSSI display
- mote Diagnostics
- SNMP remote management
- Smart DHCP client
- Standard 10Base-T Ethernet Connections
- Indoor/Outdoor Architecture for easy installation
- Uses Low-Cost Twisted-Pair Between Indoor and Outdoor Units (Included!)
- Integral Lightning Protection
- Demonstration Kit Available

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 7314 ACH	Alvarion BU-DS.5800 1 year	Base Unit. Connects central LAN with up to 128 remote sites. RJ-45 10Base-T LAN connector. Integrated 21dBi flat panel antenna.	2,650.00 16 7.27	2,120.00 2,067.00 1,987.50
EW 1312 ACH	Alvarion BU-DS.5800-D 1 year	Base Unit. Connects central LAN with up to 128 remote sites. RJ-45 10Base-T LAN connector. REQUIRES external antenna, not included.	2,595.00 13 5.91	2,076.00 2,024.10 1,946.25
EW 7392 ACH	Alvarion RB-DS.5800 1 year	Remote Bridge. Connects remote LAN's to central LAN, serving up to 1024 stations. RJ-45 10BaseT LAN connector. Integrated 21dBi flat panel antenna.	2,345.00 16 7.27	1,876.00 1,829.10 1,758.75
EW 7381 ACH	Alvarion RB-DS.5800-D 1 year	Remote Bridge. Connects remote LAN's to central LAN, serving up to 1024 stations. RJ-45 10BaseT LAN connector, N/Female antenna port. REQUIRES external antenna, not included.	2,295.00 12 5.45	1,836.00 1,790.10 1,721.25
EW 3315 ACH	Alvarion DK-DS.5800 1 year	Demonstration Kit for BreezeNET DS.5800 includes BU with Omni-8 antenna, RB with integrated 21 dBi antenna, CAT5 cables, and a convenient carry case.	4,595.00 50 22.72	3,721.95 3,630.05 3,446.25

eezeACCESS Indoor DSU

11413

The Access Units provide all the functionality necessary to allow remote Subscriber units to communicate over the wireless infrastructure with the base station at data rates up to 3Mbps. The AU-I series comprises stand-alone integrated units for indoor use (antenna can be installed outdoors) that can operate independant of each other or synchronized with each other.

- ta Rate: 3 Mbps
- tput Power 1 w max at antenna port
- dulation:Multilevel GSFK
- RF Connectors:2 x SMA female
- Ethernet: 10BaseT RJ-45

nuing product table (1 of 2)

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
413 ACH	Alvarion AU-I-D 1 year	2.4 Ghz Access Point for indoor use with mounting and antennas	1,695.00 2.63 1.2	1,372.95 1,339.05 1,271.25

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 418397 1 EACH	Alvarion SU-M5-2.4 1 Year	Subscriber Unit. Ruggedized Mobile. Supports 1 MAC addresse. 5dBi body-mount antenna included.	1,495.00 15 6.82	1,196.00 1,166.10 1,121.25
463190 1 EACH	Alvarion SU-E-BD-2.4 1 year	BreezeACCESS II Subscriber Bridge w/indoor module and outdoor radio unit, power supply. 2.4-2.5GHz. Supports a LAN. *Requires TNC/M-TNC/M IF cable, antenna.	1,595.00 7 3.18	1,276.00 1,244.10 1,196.25
482044 1 EACH	Alvarion SU-E-1D-HP-2.4 1 year	BreezeACCESS Indoor Subscriber Unit. Supports 1 MAC address (1 user). High Power version. Requires TNC/M to TNC/M IF cable and external antenna, neither included.	1,195.00 9.91 4.5	956.00 932.10 896.25
464055 1 EACH	Alvarion SU-A-1D-HP-2.4 1 year	Outdoor Subscriber Unit with integrated 16 dBi antenna (horizontal polorization, 20 degree sector). Includes indoor and outdoor/antenna units, power supply and 30 meter RG58 IF cable with TNC male connectors. Supports 1 MAC address (1 user).	1,195.00 11.35 5.16	956.00 932.10 896.25
NEW 419102 1 EACH	Alvarion SU-RA 1 year	Replacement Outdoor Subscriber Unit.	895.00 7 3.18	724.95 707.05 671.25
NEW 496113 1 EACH	Alvarion SU-I-D-1D-2.4 1 year	Subscriber Unit. Indoor. Supports 1 MAC addresses	595.00 2.35 1.07	476.00 464.10 446.25
NEW 411194 1 EACH	Alvarion SU-I-D-1D 20 PACK 1 year	20 Pack Indoor Subscriber Unit. Supports 1 MAC address	11,295.00 40 18.18	9,036.00 8,810.10 8,471.25
460044 1 EACH	Alvarion SU-I-D-BD-2.4 1 year	Complete Indoor Subscriber Unit. Supports full LAN	1,195.00 3 1.36	956.00 932.10 896.25
NEW 457126 1 EACH	Alvarion SU-RN-1D-A7-2.4 1 year	Residential Subscriber Unit with detached indoor panel UNI-7 Antenna.	795.00 3 1.36	636.00 620.10 596.25
NEW 439104 1 EACH	Alvarion SU-RN-1D-A9-2.4 1 year	Residential Subscriber Unit with detached outdoor panel UNI-9 antenna.	845.00 3 1.36	676.00 659.10 633.75
NEW 440377 1 EACH	Alvarion 925811 1 year	Residential Subscriber Unit with RJ-11 voice port and detached outdoor panel UNI-9 antenna.	1,095.00 4.52 2.05	876.00 854.10 821.25

BreezeACCESS II CX Cell Extender

484308

The BreezeACCESS CX Cell Extender, designed to re-distribute broadband coverage from a primary wireless base station while also serving as a local subscriber, can connect users who were previously unreachable due to obstructions such as foliage or hills. This eliminates the need to deploy costly new backhauls and base stations to connect lucrative pockets of subscribers, significanly improving the economics for wireless broadband deployments. The BreezeACCESS CX Cell Extender incorporates the features of a mini-base station, backhaul, and subscriber into an integrated, easy to deploy package.

- Three-piece, 100% outdoor mount for installation flexibility
- Integrated Ethernet for local subscriber
- full LED Diagnostics for quick alignment and association count
- Remote telnet or SNMP, or local serial for easy management
- Integrated 21 dBi antenna on SU for faster deployment
- Choose your antenna for the AU for custom coverage
- 2.4 GHz
- 3 Mbps
- For BreezeACCESS II systems
- 110-240 VAC, 50-60 Hz, 1.4A max

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 484308 1 EACH	Alvarion CX-AE-SA-2.4 1 year	Cell Extender package for BreezeACCESS II systems. Consists of AU-RE, SU-RA, Interface Unit (IU). REQUIRES antenna for AU-RE.	2,995.00 34 15.45	2,425.95 2,366.05 2,246.25

Breezecom Outdoor DSU

11492

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
425077 1 EACH	Alvarion AU-E-NI-HP-2.4 1 year	Breezeaccess II Out door Access Unit comprised of separate outdoor unit and stand-alone desktop or wall mounted indoor unit . Antenna and RF jumper not included. Includes 30 meter IF cable to connect indoor unit to outdoor unit.	2,495.00 9.64 4.38	2,020.95 1,971.05 1,871.25
11492 1 EACH	Alvarion SU-A-1D1V 1 year	Subscriber Unit, Outdoor. Supports 1 MAC address and 1 voice port with integrated 16dBi antenna.	1,495.00 20 9.09	1,196.00 1,166.10 1,121.25

Point to Multipoint

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
483037 1 EACH	Alvarion SU-A-BD-HP-2.4 1 year	Outdoor subscriber bridge. Includes; Indoor Network Interface Unit with 10BaseT Port, high power outdoor radio unit, integrated 16 dBi antenna, 100-240 VAC power supply, 100 ft (30m) TNC Male-TNC Male I/F cable. Full bridge supports up to 1024 IP Addresses.	1,595.00 20 9.09	1,276.00 1,244.10 1,196.25
NEW 442381 1 EACH	Alvarion SU-E-BD-HP-2.4 1 year	Outdoor subscriber bridge. Includes; Indoor Network Interface Unit with 10BaseT Port, high power outdoor radio unit, external antenna port, 100-240 VAC power supply, 100 ft (30m) TNC Male-TNC Male I/F cable. Full bridge supports up to 1024 IP Addresses.	1,595.00 20 9.09	1,276.00 1,244.10 1,196.25

BreezeNET PRO-11 Outdoor

45601

The BreezeNET PRO.11 Outdoor product line is an IEEE 802.11-compliant wireless networking product designed to provide high performance wireless point-to-point and point-to-multipoint links. Bridging office buildings, campuses, or any remote site. Plug and play at its best, robust, withstanding the most adverse of conditions.

- Data rates of up to 3 Mbps, at distances of up to 50Km (30mi)
- Roaming speeds up to 100km/h (60mph).
- Frequency Hopping Spread Spectrum (FHSS)
- IEEE 802.11 and IEEE 802.3-compatible
- WEP-Wired Equivalent Privacy (RC4 encryption & authentication)
- Form factor sized PCMCIA card with retractable diversity antennas
- Load balancing among collocated access points
- Connects to any standard Ethernet port
- Excellent Multi-Path Rejection
- Simple Deployment - No Frequency Planning Required

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
72029 1 EACH	Alvarion AP-10D 1 year	Outdoor Ethernet Access Point bridge. Data rate 3Mbps. Requires antennas which are not included.	1,395.00 1.5 0.68	1,116.00 1,088.10 1,046.25
20422 1 EACH	Alvarion 811403 1 year	Station Adapter has a single 10BASE-T Ethernet RJ-45 port and operates at high data rates of 3Mbps.	595.00 1.5 0.68	476.00 464.10 446.25
97208 1 EACH	Alvarion SA-40D 1 year	4-port wireless "mini-hub" containing 4 x 10BASE-T Ethernet RJ-45 ports.	1,195.00 1.66 0.75	956.00 932.10 896.25
45601 1 EACH	Alvarion WB-10D 1 year	Supports up to 256 stations (MAC addresses) through one LAN interface.	1,295.00 1.5 0.68	1,036.00 1,010.10 971.25
32387 1 EACH	Alvarion SA-PCD 1 year	Designed for detached antenna, enables total mobility with freedom to roam within the entire wireless LAN coverage area without losing network connectivity. Can be embedded in hand-held devices. Low power consumption to maximizes battery life. These are designed to support all popular operating systems.	249.00 1.5 0.68	201.69 196.71 186.75

Breezecom 11 Mbps System

475068

Breezecom 802.11b 11 Mbps high speed wireless solution provides indoor client server network configurations as well as long range point-to-multipoint links. Data is transmitted at a rate of 11 Mbps through a direct sequence protocol providing full 10BASE-T Ethernet speeds.

- 802.11
- 11 Mbps
- Amplifier type:DSSS
- Modulation: CCK(16)
- N/Female Antenna Connectors
- CAT5 Shielded Interconnect Between Indoor and Outdoor Units

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 469269 1 EACH	Alvarion 811701 1 year	Access Point with Ethernet Port, Integrated Antennas and Power Supply.	575.00 4 1.82	460.00 448.50 431.25
NEW 425122 1 EACH	Alvarion RB-DS.11 1 year	Remote Bridge. Connects remote LAN's to central LAN. Handles up to 1024 hardware addresses. RJ-45 10BaseT LAN connector. N/Female RF connector. Supplied with Indoor Unit, Outdoor Unit, 20 meter baseband interconnect, and power supply. Includes integrated 16dBi flat panel antenna.	1,595.00 8 3.64	1,276.00 1,244.10 1,196.25
488022 1 EACH	Alvarion RB-DS.11D 1 year	Remote Bridge. Connects remote LAN's to central LAN. Handles up to 1024 hardware addresses. RJ-45 10BaseT LAN connector. N/Female RF connector. Supplied with Indoor Unit, Outdoor Unit, 20 meter baseband interconnect, and power supply. Order Antenna and RF jumper eparately.	1,595.00 13 5.91	1,276.00 1,244.10 1,196.25

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW 416187 1 EACH	Alvarion BU-DS.11 1 year	Multipoint base station for wireless Ethernet networks. Supports up to 128 remotes. RJ-45 10BaseT LAN connector. N/Female RF connector. Supplied with Indoor Unit, Outdoor Unit, 20 meter (66 feet) Dual Shieled CAT5 cable and three RJ-45 connectors, and power supply. Includes 16 dBi flat panel antenna with 20 degree beamwidth horizontal and vertical.	1,795.00 11.75 5.34	1,43 1,40 1,34
475068 1 EACH	Alvarion BU-DS.11D 1 year	Multipoint base station for wireless Ethernet networks. Supports up to 128 remotes. RJ-45 10BaseT LAN connector. N/Female RF connector. Supplied with Indoor Unit, Outdoor Unit, 20 meter (66 feet) Dual Shieled CAT5 cable and three RJ-45 connectors, and power supply. Order Antenna and RF jumper eparately.	1,795.00 11.7 5.32	1,43 1,40 1,34
NEW 424260 1 EACH	Alvarion 811708 1 year	802.11b PC card with integrated antenna.	155.00 2 0.91	124 120 116
NEW 438224 1 EACH	Alvarion 811719 1 year	802.11b PC card with integrated antenna.	2,715.00 30 13.64	2,17 2,11 2,03
NEW 477231 1 EACH	Alvarion 811711 1 year	802.11b USB Station Adapter connects directly to the USB portof any desktop or portable computer.	225.00 6 2.73	180 175 168

Simple Multipoint Ethernet Bridge System

The Trailblazer Ethernet Multipoint Bridge connects to ar extends existing WAN/LAN networks to multiple other s within line-of-sight distance. Each 10Base-T unit has an in gral 14 dBi antenna. External antennas can extend range broaden coverage area. Order power supply separately

- Unlicensed 2.4 GHz Operation
- Simple Pole Mount Installation
- 14 dBi Antenna Built-In, 30 degree Horizontal Beamwidth
- 30 dBm ERP Using Internal Antenna
- 8 Mile Range With Internal Antenna
- 25 Mile Range With Optional Antenna
- Housed in a NEMA 4X Enclosure
- 10Base-T Interface (RJ-48C)
- N/Female Connection for Optional External Antenna
- Pair Can Be Used As A Repeater To Extend Range
- REQUIRES 12-48 VDC, 2 Watts (Not Included)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW 440132 1 EACH	Carlson Wireless T-EA 1 Year	Access Point.	2,150.00 10 4.54	2,150 2,150 2,085
NEW 496128 1 EACH	Carlson Wireless T-EC 1 Year	Client Station.	2,000.00 10 4.54	2,000 2,000 1,940

Raylink WISP AP Controller

WISP AP Controller is an IEEE 802.11-compliant wireless networking product with the built-in bridging functions. F tures include Infrastructure Access Point mode, Quality o Service (QoS) bandwidth shaping, firewall, and MAC addr filtering. This unit is the perfect solution for wireless poin to-point and point-to-multipoint connectivity.

- Weatherproof Outdoor Enclosure
- Powered by CAT5 cable with provided DC injector and AC-DC converter
- N-type Jack RF connector
- RJ-45 10Base-T Ethernet connector
- 2.4 GHz FHSS or DSSS
- 20 dBm RF Power Output
- Bridging mode supports 2048 MAC addresses and 7 VLAN's
- Quality of Service (QoS) control
- Packet Filtering
- Bandwidth Management by port, IP, or MAC
- Operating Temperature Range: 0 - 55 Celcius
- Remote or local management via included Windows-based utility
- Field upgradeable firmware
- Security features include RC4 Authentication, IP Access List, Protocol Filtering, and VLAN's.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW 471385 1 EACH	Raylink WP-APC-CFXAX 1 Year	Wireless ISP AP Controller. Includes 2 Mbps FHSS PCMCIA WISP radio card. Antenna and cabling not included.	1,248.75 3.98 1.81	999 999 999
NEW 486172 1 EACH	Raylink WP-BDG-DSSS-APHER 1 Year	Wireless ISP AP Controller. Includes 11 Mbps DSSS PCMCIA WISP radio card. Antenna and cabling not included.	1,126.40 3.98 1.81	901 901 901

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aylink WISP Bridge

Raylink WISP Bridge is an ideal wireless solution for outdoor applications, providing high performance wireless point-to-point link. It is a perfect unit for your customer premises. It is also ideal as a simple repeater.

- eatherproof Outdoor Enclosure
- wered by CAT5 cable with provided DC injector
- d AC-DC converter
- type Jack RF connector
- -45 10Base-T Ethernet connector
- 4 GHz FHSS or DSSS
- dBm RF Power Output
- ansparent layer 2 bridging, store and forward for
- to 2048 MAC addresses.
- Up to 7 VLAN's
- 2 Mbps Data Rate
- Remote or local management via included Windows-based utility
- Field upgradeable firmware
- Security features include RC4 Authentication, IP Access List, Protocol Filtering, and VLAN's.
- Operating Temperature Range: 0 - 55 Celcius

rt No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 4344 ACH	Raylink WP-BDG-CFXAX 1 Year	Wireless ISP Bridge. Includes 2 Mbps FHSS PCMCIA WISP radio card. Antenna and cables not included.	873.75 6.68 3.04	699.00 699.00 699.00
EW 4176 ACH	Raylink WP-BDG-DSSS-LER 1 Year	Wireless ISP Bridge. Includes 11 Mbps DSSS PCMCIA WISP radio card. Antenna and cables not included.	750.00 3.98 1.81	600.00 600.00 600.00

aylink USB WISP Client

Now there is no need to open your computer to install Raylink wireless devices. Just plug your Raylink WISP USB Client Adapter and you are ready to go. Self-contained unit powered by USB port of computer. N/F antenna connector. 2.4 GHz, 2 Mbps, 100mW output power. Silver case. Plug and Play operation for Windows 9x/ME/2000. Purchase RF cable and antenna separately.

- GHz FHSS
- Mbps
- 0 mW transmit power
- /DC Power (from USB port)
- 365 mA maximum transmit current
- USB V1.1
- Supports Windows 9x/ME/2000

rt No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 5324 ACH	Raylink CA-USB-W-CLIEN-TRA 1 Year	WISP USB Client with USB cable.	318.10 0.01 0	254.45 254.45 254.45

aylink WISP Subscriber Card

456005

Raylink PC Cards may be connected to external antennas, allowing wireless Internet Service Providers and other wireless professionals the ability to design scalable point-to-point and point-to-multipoint wireless solutions with coverage range up to 5 miles and more depending upon antenna type, height, and radio line of sight.

- Mbps Optimized Data Throughput
- etwork Operating System independent
- 2.11 Compliant (FHSS)
- 0 mW Output Power
- User Authentication and Password Protection
- Windows 9x/ME/2000/NT Support.
- ISA, PCI, and USB Adapters Available. See Next Section.

rt No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
6005 ACH	Raylink CR-RAY-LINK240PT 1 Year	Wireless ISP Subscriber PC Card. N/Male Connector on included pigtail.	187.50 0.01 0	150.00 150.00 150.00

Raylink WISP-Out-of-Box Packages

WISP-Out-of-Box Professional package is the easiest, lowest-cost way to build a wireless ISP. It includes everything you need to build a 5-mile point-to-point wireless link with features such as Infrastructure Access Point mode, Quality of Service (QoS) bandwidth shaping, firewall, and MAC address filtering. Store up to 2,048 MAC addresses in the bridge table and allow to connect up to 128 users. Coverage range depends upon the height and radio line of sight.

- WISP Access Point (AP)
- WISP USB Client
- Two 18 dB Flat Panel Antennas
- Coaxial Lightning Protector
- 50' LMR-400 With Connectors
- Two 3' LMR-400 Jumpers
- 100' CAT5e Cable with Connectors
- Setup Diagram
- User's Manual
- Installation CD
- 100 mW output power
- FHSS
- 2 Mbps data rate

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 413371 1 EACH	Raylink WISP-OUT-OF-BOX 1 Year	Out-of-Box Package Wireless ISP kit. Includes AP controller, 90 degree sector antenna and jumper cable, and 3 SmartLink integrated CPE units.	2,248.75 20 9.09	1,799.00 1,799.00 1,799.00

smart Bridges
to the future...

Build carrier-class, cost-effective wireless infrastructure with smartBridges' easy-to-deploy and maintain indoor/outdoor radios, access points and accessories for all your Internet and WLAN needs.

smartBridges Access Point

490327

This wireless Access Point is especially designed for outdoor installation and long range operation. It supports Client-Bridge, Point to Point and Point to Multipoint modes, making it a versatile wireless device. It uses automatic radio tuning technology to ensure that the airPointPro Outdoor can inter-operate with any standards compliant device. airPointPro Outdoor features LongRange wireless radio that provides enhanced power to deliver high data throughput and long operating range.

- NEMA 4X enclosure
- -40 to 55 C Temperature Range
- Pole or Wall Mount with Supplied Hardware
- SNMP Managed
- Includes Power Supply and Injector
- 50' CAT5 cable, extendable to 300'
- -92 dBm at 1 Mbps, -83 dBm at 11 Mbps
- Range up to 21 Miles at 11 Mbps
- Requires External Antenna, Not Included
- N-type Jack Antenna Connector

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 490327 1 EACH	smartBridges SB2510 1 Year	Outdoor Wireless Access Point.	487.80 6 2.73	439.00 439.00 439.00

smartBridges Ethernet Client

482394

This wireless Ethernet client device is especially designed for outdoor installation and long range operation. It features enhanced sensitivity, rugged weather-proof design, "dial-a-power" capability and flexible antenna options. With easy installation, plug-and-play and a PoE injector, this is a breakthrough solution for WISPs and for a variety of other outdoor settings.

- NEMA 4X enclosure
- -40 to 55 C Temperature Range
- Pole or Wall Mount with Supplied Hardware
- SNMP Managed
- Includes Power Supply and Injector
- 50' CAT5 cable, extendable to 300'
- -92 dBm at 1 Mbps, -83 dBm at 11 Mbps
- Range up to 21 Miles at 11 Mbps
- Requires External Antenna, Not Included
- N-type Jack Antenna Connector

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 482394 1 EACH	smartBridges SB2110 1 Year	Outdoor Ethernet Client.	432.25 6 2.73	389.00 389.00 389.00

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Proxim — The Capacity to Do Great Things.

ORiNOCO AP-2500 is an all-in-one wireless LAN access point/subscriber gateway providing Internet access for enterprise visitors and public access hot-spot-in-a-box capabilities.

Tsunami Multipoint

The Tsunami Multipoint Wireless Ethernet System is a point-to-multipoint outdoor wireless system offering a high speed, high-capacity alternative to wired data networks.

- Speeds from 20 Mbps to 60 Mbps using Time Division Duplexing (TDD) per Base Station
- Six Base Stations provide 360 degree coverage delivering up 360 Mbps
- Network management through SNMP & Java-based software
- Point-to-Multipoint communications from less than 1 mile(kilometer) to more than 8 miles(13kilometers)
- Operates in the 5.8 GHz frequency band
- 1024 Max Subcriber Units/Base Station

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 451193 1 EACH	Proxim 301-40400-25 2 years	Ethernet Base Station Unit (BSU). Integrated 18 dBi, 60 degree antenna. 20 Mbps.	4,995.00 20 9.09	4,475.52 4,160.84 3,891.11
NEW 487358 1 EACH	Proxim 301-40400-25 2 years	Ethernet Base Station Unit (BSU). Integrated 18 dBi, 60 degree antenna. 20 Mbps.	4,995.00 66 30	4,475.52 4,160.84 3,891.11
NEW 442314 1 EACH	Proxim 301-40400-65 2 years	Ethernet Base Station Unit (BSU). Integrated 18 dBi, 60 degree antenna. 20-60 Mbps.	9,995.00 20 9.09	8,955.52 8,325.84 7,786.11
NEW 446151 1 EACH	Proxim 301-40400-65 2 years	Ethernet Base Station Unit (BSU). Integrated 18 dBi, 60 degree antenna. 20-60 Mbps.	9,995.00 20 9.09	8,955.52 8,325.84 7,786.11
NEW 424198 1 EACH	Proxim 301-40100-251 2 years	Subscriber Unit (SU). Integrated 21 dBi, 10 degree antenna. 20 Mbps. SU Power Brick included.	1,295.00 10 4.54	1,160.32 1,078.74 1,008.81
NEW 456399 1 EACH	Proxim 301-40100-251 2 years	Subscriber Unit (SU). Integrated 21 dBi, 10 degree antenna. 20 Mbps. SU Power Brick included.	1,295.00 10 4.54	1,160.32 1,078.74 1,008.81
NEW 460169 1 EACH	Proxim 301-40100-252 2 years	Subscriber Unit (SU). Integrated 21 dBi, 10 degree antenna. 20 Mbps. SU Power Brick included (220V).	1,295.00 10 4.54	1,160.32 1,078.74 1,008.81
NEW 432144 1 EACH	Proxim 301-40100-451 2 years	Subscriber Unit (SU). Integrated 21 dBi, 10 degree antenna. 20-40 Mbps. SU Power Brick included.	1,995.00 10 4.54	1,787.52 1,661.84 1,554.11
NEW 487376 1 EACH	Proxim 301-40100-451 2 years	Subscriber Unit (SU). Integrated 21 dBi, 10 degree antenna. 20-40 Mbps. SU Power Brick included.	1,995.00 10 4.54	1,787.52 1,661.84 1,554.11
NEW 417134 1 EACH	Proxim 301-40100-651 2 years	Subscriber Unit (SU). Integrated 21 dBi, 10 degree antenna. 20-60 Mbps. SU Power Brick included.	2,995.00 10 4.54	2,683.52 2,494.84 2,333.11
NEW 461333 1 EACH	Proxim 301-40100-651 2 years	Subscriber Unit (SU). Integrated 21 dBi, 10 degree antenna. 20-60 Mbps. SU Power Brick included.	2,995.00 10 4.54	2,683.52 2,494.84 2,333.11
NEW 426304 1 EACH	Proxim 501-40400-ST 90 days	Wireless Manager Software manages up to 192 Base Stations units and thousands of Subsciber Units using an SNMP manager. Supports Windows NT 4, Windows 2000, and Windows XP.	795.00 1 0.45	712.32 662.24 619.31

Tsunami Mulitpoint Power Supplies

442137

The Tsunami Multipoint power supplies

- Power supply
- Lightening Protection

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
442137 1 EACH	Proxim 201-40100 2 years	Power Brick. For single Base Stations.	795.00 1.5 0.68	712.32 662.24 619.31

Proxim Stratum MP

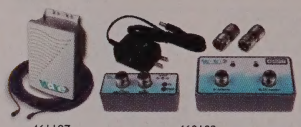
440069

Stratum MP is a high performance multipoint wireless bridge for last m broadband access and enterprise bridging applications. Typically delivers up to 50% more throughput and up to 100% less latency than wireless bridges on the 802.11b standard, so it supports more users and provid more bulk capacity.

- 10 Mbps, half duplex
- Point-to-Point fo linear topologies
- Point-to-Multipoint for celluar topologies
- 32 nodes per cell
- Configure MAX packets to sendfrom each node pe polling cycle
- Up to 2,000 MAC addresses supported per network segment
- Flash downloadable upgrades in field
- Direct Sequnece Spread Spectrum (DSSS)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($ T-2($ T-3($
440069 1 EACH	Proxim 2002-05 1 year	Multipoint Bridge, High Power, All Channels	2,195.00 1.5 0.68	2,195. 2,085. 1,975.
475004 1 EACH	Proxim 2003-05 1 year	Multipoint Bridge, High Power, One Channel	2,195.00 5.5 2.5	2,195. 2,085. 1,975.

SPEEDLAN 8000 Wireless Ethernet Bridges



461197 460102

SPEEDLAN 8000 series products are high-pe formance 11 Mb wireless solutions designed robust building-to-building communications. Enterprise users and service providers choo these products due to its many high quality f tures. SPEEDLAN 8000 series products fea- ture Network Address Translation (NAT), Dynamic Host Control Protocol (DHCP) Server, and fully configurable bandwidth. The 8300 acts as a central base station and the 84 acts as Customer Premise Equipment (CPE).

- Protocol independent
- 8100/8200 are Outdoor Mount using CAT5 cable
- 8300/8400 are Indoor Shelf Mount using RF cable
- Configurable bandwidth from 1Kb to 11Mb
- 2.4 GHz (2400MHz - 2483.5MHz, ISM band)
- Distances to 25 miles
- Polling base station supports up to 48 CPE units
- Supports DHCP, NAT
- Wireless data encryption (128 bit)
- Direct Sequence Spread Sprectrum (DSSS)
- No software to install on network or workstations
- Includes IP routing

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($ T-2($ T-3($
461197 1 EACH	Wave Wireless OM-24-BS-8100 1 Year	Speedlan 8100 wireless bridge/IP router polling base station. Power Supply included.	1,799.00 11 5	1,646. 1,646. 1,619.
485172 1 EACH	Wave Wireless OM-24-CP-8200 1 Year	Speedlan 8200 wireless bridge/IP router Customer Premise Equipment (CPE). Power Supply included.	1,399.00 16.41 7.46	1,280. 1,280. 1,259.
NEW 460102 1 EACH	Wave Wireless A24717P 1 Year	External RF Amplifier for use with 110' of LMR400 cable. Works with SPEEDLAN 8000 series and Single Device Adapters. +20dBm/1 Watt Output. Power supply NOT included.	700.00 18 8.18	644.0 644.0 644.0

Wave Wireless SPEEDLAN 9000 Routers

460325

For applications that require connecting multiple buildings, a star topology may be the best choice. One SPEEDLAN 9000 unit acts as a "polling" central base statio while the other units are configured as CPE's. System consist of a 11 Mb star top ogy base station (9103) and CPE Flexnode routers (9102) . Features DHCP serv and client, NAT and IP routing. Antennas and Installation kits/cables should be pu chased separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($ T-2($ T-3($
NEW 499316 1 EACH	Wave Wireless BUN-9000-PTP 1 year	SPEEDLAN 2.4 GHz Point-to-point turn-key wireless broadband package (2) SPEEDLAN 9102 Units, (2) 24 dBi semi-parabolic grid antennas, (2) lengths of 200' outdoor CAT5 cable, and 2 x installation kits with 10' LMR-400 jumpers.	3,399.00 20 9.09	3,399.0 3,229.0 3,059.1
NEW 460325 1 EACH	Wave Wireless OM-24-9102 1 year	SPEEDLAN 9102 Flexnode star topology CPE Router. 11 Mbps. Connects to 9103 base station. Installation kit/cables and antennas sold separately.	1,299.00 9 4.09	1,188.5 1,188.5 1,169.1
NEW 474357 1 EACH	Wave Wireless OM-24-9103 1 year	SPEEDLAN 9103 star topology Base Station. 11 Mbps. Connects to 9102 Flexnode CPE. Installation Kit and Antenna sold separately.	1,799.00 9 4.09	1,646.0 1,646.0 1,619.1

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EEDLAN Single Device Adapters/PCMCIA

419152

SPEEDLAN Single Device Adapters (SDAs) allow Small-Office / Home-Office (SOHO) and residential users to receive broadband wireless Internet access from a SPEEDLAN enabled Internet Service Provider. Featuring fully configurable bandwidth for each remote user, ISP's can now offer broadband services to entire cities without any dependency on the local telephone network. SDA's are used to connect with a SPEEDLAN 8000 series base station at speeds up to 11Mb. The SPEEDLAN 8000 series SDAs are offered as PCMCIA radio cards. ISA or PCI adapters are available for the cards as well.

Mb radio
GHz
pports Windows 95, Windows 98, Windows NT, indows 2000
e year warranty

- Bandwidth Allocation-configurable bandwidth from 1 Kb to 11Mb for each subscriber
- Distance to 25 miles (ext. antenna)
- Easy implementation

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
9152 ACH	Wave Wireless SD-24-PA-8410 1 Year	11 Mb Single Device PCMCIA radio card for Windows 95 /98 or NT 4.0 driver version.	275.00 0.6 0.27	251.63 251.63 247.50
2129 ACH	Wave Wireless SD-24-PI-8412 1 Year	11 Mb Single Device PCI Adapter for Windows 95 /98 or NT 4.0 driver version. Includes PCMCIA radio w/PCI adapter and subcriber software.	349.00 9 4.09	319.34 319.34 314.10
EW 9179 ACH	Wave Wireless SD-24-PA-8420 1 Year	11 Mb Single Device PCMCIA card for Windows 2000 driver version. Includes PCMCIA radio card and subscriber software.	275.00 9 4.09	251.63 251.63 247.50
8146 ACH	Wave Wireless SD-24-IS-8421 1 Year	11 Mb Single Device PCMCIA Adapter for Windows 2000 driver version only. Includes PCMCIA radio card w/ISA adapter and subscriber software.	349.00 9 4.09	319.34 319.34 314.10
9173 ACH	Wave Wireless SD-24-PI-8422 1 Year	11 Mb Single Device PCI Adapter for Windows 2000 driver version only. Includes PCMCIA card radio and subcriber software.	349.00 9 4.09	319.34 319.34 314.10

EEDLAN Accessories

483190

Optional accessories to enhance the performance and functionality of your SPEEDLAN wireless system

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
3190 ACH	Wave Wireless UPCONVERT57	SPEEDLAN Up Converter. 2.4 to 5.8 GHz Frequency Converter/Amplifier. Enables any 2.4 GHz radio to operate in the 5.8 GHz band. Includes mounting hardware, DC power injector and 110-220VAC power supply.	1,495.00 2.94 1.34	1,367.93 1,367.93 1,345.50
9130 ACH	Wave Wireless A242440 1 Year	External RF Amplifier for use with SPEEDLAN 8100/8200 outdoor, remote-mount units. Provides an average of +12dBm.	650.00 15 6.82	598.00 598.00 598.00

ave Wireless SPEEDLAN 9000 Install Kits

492385

For use with SPEEDLAN 9102 and 9103 radio systems

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 8384 ACH	Wave Wireless KU-ODCAT5-50-3	Installation Kit, 50' Outdoor Ethernet CAT5, 10' LMR 400 jumper	189.00 11 5	172.94 172.94 170.10
EW 4376 ACH	Wave Wireless KU-ODCAT5-100-3	Installation Kit, 100' Outdoor Ethernet CAT5, 10' LMR400 jumper	239.00 18 8.18	218.69 218.69 215.10
EW 2385 ACH	Wave Wireless KU-ODCAT5-200-3	Installation Kit, 200' Outdoor Ethernet CAT5, 10' LMR400 jumper	339.00 28 12.73	310.19 310.19 305.10
EW 1322 ACH	Wave Wireless KU-ODCAT5-300-3	Installation Kit, 300' Outdoor Ethernet CAT5, 10' LMR400 jumper.	439.00 30 13.64	401.69 401.69 395.10

SPEEDLAN 8100/8200 Installation Kits

424122

SPEEDLAN Installation Kit for 8100/8200. Available with three different lengths of outdoor Category 5 Ethernet cable. Includes most everthing required to install one SpeedLAN unit. Kits include:

- Outdoor CAT5 Ethernet Cable
- 10' LMR400 Pigtail
- 18V Power Supply (424122, 431186)
- 24V Power Supply (481155)
- Waterproof Putty Tape
- 5 Cable Ties
- Vinyl Electrical Tape
- Lightning Arrestor

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
424122 1 EACH	Wave Wireless KU-ODCAT5-100-2 1 Year	Installation Kit for 8100/8200. 100' of CAT5.	275.00 10 4.54	251.63 251.63 247.50
431186 1 EACH	Wave Wireless KU-ODCAT5-200-2 1 Year	Installation Kit for 8100/8200. 200' of CAT5.	375.00 20 9.09	343.13 343.13 337.50
481155 1 EACH	Wave Wireless KU-ODCAT5-300-2 1 Year	Installation Kit for 8100/8200. 300' of CAT5.	475.00 30 13.64	434.63 434.63 427.50

SPEEDLAN 8300/8400 Installation Kits

455145

SPEEDLAN Installation Kit for 8300/8400. Use with Standard, Shelf-mount SPEEDLAN 8300/8400 units. Includes; most everything required to install one SPEEDLAN unit.

- 100 Ft LMR400
- 10 Ft LMR400 Pigtail
- Waterproof putty tape
- 5 cable ties
- Vinyl electrical tape
- Lightning Arrestor

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
410165 1 EACH	Wave Wireless KU-LMR400-060-2 1 Year	Installation kit for 8300/8400 with 50' LMR 400 and 10' LMR 400 pigtail.	325.00 12 5.45	297.38 297.38 292.50
455145 1 EACH	Wave Wireless KU-LMR400-110-2 1 Year	Installation kit for 8300/8400 with 100' LMR 400	375.00 12 5.45	343.13 343.13 337.50
NEW 476315 1 EACH	Wave Wireless KU-LMR600-160-2 1 Year	Installation kit for 8300/8400 with 160' LMR 600	650.00 16 7.27	594.75 594.75 585.00

BreezeACCESS II Broadband Wireless Acces

461015

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
461015 1 EACH	Alvarion AU-E-BS-HP-2.4 1 year	2.4 Ghz Access II base station access unit. Includes indoor interface card for Base Station and external radio unit. Requires external antenna.	2,495.00 3 1.36	2,020.95 1,971.05 1,871.25
488048 1 EACH	Alvarion BS-PS-2.4 1 year	Base station equipment power supply card for use with the BS-SH. Requires external -48VDC power supply.	995.00 2 0.91	805.95 786.05 746.25
490001 1 EACH	Alvarion BS-SH-2.4 1 year	BreezeAccess II Base station equipment includes 19" 3U Chassis and Motherboard including one BS-PS Power supply card. Requires separate -48VDC power supply.	2,495.00 20 9.09	2,020.95 1,971.05 1,871.25
NEW 417366 1 EACH	Alvarion BS-PS-AC 1 year	Base station equipment AC power supply card for use with the BS-SH-AC. Requires external 110-240VAC power source.	1,075.00 2 0.91	870.75 849.25 806.25

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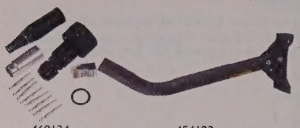
Tsunami Multipoint Accessories



468134 454123

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **468134** 1 EACH	Proxim ACC-5200	Subscriber Unit Cable Termination Kit. Includes DIN connector, male RJ-45 connector and rubber weather protection hardware for the RJ-45 interface.	39.00 3 1.36	34.95 32.49 30.39
NEW **454123** 1 EACH	Proxim ACC-40100	WESTERN MULTIPLEX Tsunami Multipoint Subscriber Unit wall mount accessory kit. Used to optionally mount the Subscriber Unit to a wall.	39.00 3.2 1.45	34.95 32.49 30.39
NEW **498324** 1 EACH	Proxim ACC-5300	Base Station Unit Cable Termination Kit. Includes hardware necessary to terminate CAT5 for use with the Multipoint Base Stations.	39.00 3 1.36	34.95 32.49 30.39

SPEEDLAN Antennas

418139

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **449317** 1 EACH	Wave Wireless A24-18SPG-D 1 year	2.4 GHz 24 dBi Semi-Parabolic Grid Antenna. Beam width 10 degrees, wind rating 120 mph, 18"x36". Adusts from 2" - 2.5" around vertical outside diameter pipe.	135.00 5 2.27	123.53 123.53 121.50
NEW **418139** 1 EACH	Wave Wireless A24-24SPG-D 1 year	2.4 GHz 24 dBi Semi-Parabolic Grid Antenna. Beam width 10 degrees, wind rating 120 mph, 18"x36". Adusts from 2" - 2.5" around vertical outside diameter pipe.	160.00 5 2.27	146.40 146.40 144.00

ORiNOCO Outdoor Router Licenses

450121

Outdoor Router Licenses convert Access Points into central or remote outdoor routers. PC Card clients are converted into Outdoor Router Clients. If you already own the hardware, use this software package to convert it into outdoor gear. Packages consist of software, manual, and instructions for obtaining activation keys from Agere.

- Convert AP-1000 into COR-1100
- Convert AP-1000 into ROR-1000
- Convert PC Card into ORC

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **450121** 1 EACH	Proxim COR-1100 RTU	Central Outdoor Router RTU License Kit. Software converts AP-1000 to COR-1100. Requires interaction with Agere to get activation keys.	800.00 0.25 0.11	800.00 800.00 760.00
NEW **462106** 1 EACH	Proxim ROR-1000 RTU	Remote Outdoor Router RTU License Kit. Software converts AP-1000 to ROR-1000. Requires interaction with Agere to get activation keys.	450.00 0.25 0.11	450.00 450.00 427.50
NEW **477181** 1 EACH	Proxim ORC RTU	Outdoor Router Client RTU License Kit. Software converts PC Card to ORC. Requires interaction with Agere to get activation keys.	95.00 0.25 0.11	95.00 95.00 90.25

SPEEDLAN 8500 5.8 GHz Wireless Kits

Wave Wireless SPEEDLAN 5800 Point-to-Point and Point-to-Multipoint kits include everything required to get 5.8 GHz wireless Ethernet links up and running. Choose the kit that fits your need. Both kits can be expanded as your needs grow.

- 5.8 GHz
- 11 Mbps raw throughput
- Bandwidth Control
- Secure Transmissions
- DHCP and NAT Servers Built-in

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **466338** 1 EACH	Wave Wireless BUN-PMPT-CH58 1 year	5.8 GHz, 11Mb base station and 3 CPE's. Includes 4 bridge/router IDU's, four 5.8 GHz ODU's, four lengths of 100' low loss cable, installation kits, three 23 dBi flat panel antennas and one 17 dBi 60 degree sectoral antenna.	11,499.00 25 11.36	10,521.59 10,521.59 10,349.10

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Free Space Optics [596-60]

PAV

PAV Free Space Optics provides license-free, secure, line-of-site data and voice communications with bandwidths from 1.54 Mbps to 1 Gbps.

AVLight Outdoor Units - Up to 155 Mbps

PAVLight Linkhead outdoor units provide the optical components for a free-space optical data link. The ODU contains one or three optical transmitters, a receiver, and a fiber interface board. The connection between the linkhead and indoor unit is fiber optic for the data and shielded twisted pair for power.

0 to 65 C Operating Temperature
0 x 180 x 550 mm size for single transmitter
0 x 360 x 550 mm size for triple transmitter
eavy duty steel cabinet, powder-coated white
Veatherproof

- One or three transmitters
- PIN diode receiver
- 15 degree field-of-view
- Powered by indoor unit

rt No. /Uom	Manufacturer Mfg. P/N Warranty	Description Data Rate	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 0344 EACH	PAV Data Systems PL-155/1TXPD 1 Year	Optical Linkhead for up to 500 meters range. 1.54 - 155 Mbps	13,500.00 25 11.36	8,775.00 8,775.00 8,775.00
NEW 9396 EACH	PAV Data Systems PL-155/1TX 1 Year	Optical Linkhead for up to 2000 meters range. 1.54 - 155 Mbps	15,375.00 25 11.36	9,993.75 9,993.75 9,993.75
NEW 7397 EACH	PAV Data Systems PL-155/3TX 1 Year	Optical Linkhead for up to 4000 meters range. 1.54 - 155 Mbps	24,375.00 40 18.18	15,843.75 15,843.75 15,843.75

AVLight Outdoor Units - Up to 622 Mbps

PAVLight Linkhead outdoor units provide the optical components for a free-space optical data link. The ODU contains one or three optical transmitters, a receiver, and a fiber interface board. The connection between the linkhead and indoor unit is fiber optic for the data and shielded twisted pair for power.

0 to 65 C Operating Temperature
0 x 180 x 550 mm size for single transmitter
0 x 360 x 550 mm size for triple transmitter
eavy duty steel cabinet, powder-coated white

- Weatherproof
- One or three transmitters
- Powered by indoor unit

rt No. /Uom	Manufacturer Mfg. P/N Warranty	Description Data Rate	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 9389 EACH	PAV Data Systems PL-622/1TX 1 Year	Optical Linkhead for up to 500 meters range. 1.54 - 622 Mbps	27,375.00 25 11.36	17,793.75 17,793.75 17,793.75
NEW 3358 EACH	PAV Data Systems PL-622/3TX 1 Year	Optical Linkhead for up to 1000 meters range. 1.54 - 622 Mbps	38,775.00 40 18.18	25,203.75 25,203.75 25,203.75

AVLight Outdoor Units - Up to 1 Gbps

PAVLight Linkhead outdoor units provide the optical components for a free-space optical data link. The ODU contains one or three optical transmitters, a receiver, and a fiber interface board. The connection between the linkhead and indoor unit is fiber optic for the data and shielded twisted pair for power.

0 to 65 C Operating Temperature
0 x 180 x 550 mm size for single transmitter
0 x 360 x 550 mm size for triple transmitter
eavy duty steel cabinet, powder-coated white

- Weatherproof
- One or three transmitters
- Powered by indoor unit

rt No. /Uom	Manufacturer Mfg. P/N Warranty	Description Data Rate	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 7379 EACH	PAV Data Systems PL-1G/1TX 1 Year	Optical Linkhead for up to 500 meters range. 1 Gbps	30,000.00 25 11.36	19,500.00 19,500.00 19,500.00
NEW 4361 EACH	PAV Data Systems PL-1G/3TX 1 Year	Optical Linkhead for up to 1000 meters range. 1 Gbps	45,750.00 40 18.18	29,737.50 29,737.50 29,737.50

PAV

PAV Free Space Optics provides license-free, secure, line-of-site data and voice communications with bandwidths from 1.54 Mbps to 1 Gbps.

PAV Data Ethernet Indoor Units

The PAVLight Indoor Unit (IDU) is a 1U, 19" rack-mount chassis. It contains a power supply for internal circuits and the linkhead, dry-contact alarm circuits and indicator LED's, and a Personality Interface Module which sets the interface and data rate

- Dual SC Multimode Fiber Connection to ODU (Single Mode Optional)
- Choose Data Interface and Speed Below
- 90-240 VAC or 48 VDC, 35 Watts Input Power
- 400 Meter Max IDU-ODU for single transmitter systems
- 200 Meter Max ISU-ODU for triple transmitter systems
- Optional Remote Monitoring (non-SNMP)
- Optional SNMP

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Data Rate	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 410318 1 EACH	PAV Data Systems ET-IDU(FIBER) 1 Year	Indoor Unit. 10 Mbps Ethernet, Dual SC single-mode fiber-optic connection. 10 Mbps	1,575.00 6 2.73	1,023.75 1,023.75 1,023.75
NEW 428383 1 EACH	PAV Data Systems GIGE-IDU 1 Year	Indoor Unit. Ethernet interface, Dual SC single-mode fiber-optic connection. 1 Gbps	5,775.00 6 2.73	3,753.75 3,753.75 3,753.75
NEW 443370 1 PAIR	PAV Data Systems FET-IDU(FIBER) 1 Year	Indoor Units. Ethernet interface, Dual SC multi-mode fiber-optic connection. 100 Mbps	3,675.00 6 2.73	2,388.75 2,388.75 2,388.75
NEW 442368 1 EACH	PAV Data Systems FET-IDU(RJ45) 1 Year	Indoor Unit. 100Base-T Ethernet (RJ-45) connection.	3,375.00 6 2.73	2,193.75 2,193.75 2,193.75
NEW 462339 1 EACH	PAV Data Systems ET-IDU(RJ45) 1 Year	Indoor Unit. 10 Mbps Ethernet, 10Base-T Ethernet (RJ-45) connection. 10 Mbps	2,325.00 6 2.73	1,511.25 1,511.25 1,511.25

PAVLight Mounting Brackets

PAV free space optical solutions

Mounting brackets for PAVLight FSO outdoor linkheads. Designed to support one linkhead in a stable position on a variety of surfaces.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Data Rate	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 465394 1 EACH	PAV Data Systems WMB-105 1 Year	Wall mounting bracket for outdoor linkhead.	230.00 20 9.09	230.00 230.00 230.00
NEW 472362 1 EACH	PAV Data Systems PMB-205 1 Year	Plinth mounting bracket for outdoor linkhead.	145.00 10 4.54	145.00 145.00 145.00
NEW 461332 1 EACH	PAV Data Systems PLMB-305 1 Year	Pole mounting bracket for outdoor linkhead.	185.00 25 11.36	185.00 185.00 185.00
NEW 458333 1 EACH	PAV Data Systems CONPLB-405 1 Year	Non-Penetrating Pole mounting bracket for outdoor linkhead. 20" cube box for ballast (not supplied).	375.00 25 11.36	375.00 375.00 375.00
NEW 453326 1 EACH	PAV Data Systems SCWL 1 Year	Outdoor Linkhead Sun Cowl. Provides added protection from sunlight interference.	135.00 2 0.91	135.00 135.00 135.00

PAV Data Alignment Sets

PAV free space optical solutions

Alignment sets consist of a meter and headphones for monitoring the signal strength of the optical receiver in PAVLight FSO transceivers. For aligning transceiver pairs.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Data Rate	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 437379 1 PAIR	PAV Data Systems AP-110 1 Year	Pair of Standard Alignment Phones with signal strength meters for aligning FSO outdoor units.	700.00 2 0.91	700.00 700.00 700.00

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PAV Data T-Carrier Indoor Units

The PAVLight Indoor Unit (IDU) is a 1U, 19" rack-mount chassis. It contains a power supply for internal circuits and the linkhead, dry-contact alarm circuits and indicator LED's, and a Personality Interface Module which sets the interface and data rate.

- Dual SC Multimode Fiber Connection to ODU (Single Mode Optional)
- Choose Data Interface and Speed Below
- 90-240 VAC or 48 VDC, 35 Watts Input Power
- 400 Meter Max IDU-ODU for single transmitter systems
- 200 Meter Max ISU-ODU for triple transmitter systems
- Optional Remote Monitoring (non-SNMP)
- Optional SNMP

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Data Rate	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 437349 1 PAIR	PAV Data Systems T3-IDU 1 Year	Indoor Unit. T3 Interface, Dual SC multi-mode fiber-optic connection. 45 Mbps	3,000.00 6 2.73	1,950.00 1,950.00 1,950.00
NEW 471377 1 EACH	PAV Data Systems T1-IDU 1 Year	Indoor Unit. T1 Interface (RJ-45). 1.54 Mbps	2,700.00 6 2.73	1,755.00 1,755.00 1,755.00
NEW 442319 1 EACH	PAV Data Systems 4T1-IDU 1 Year	Indoor Unit. 4 x T1 Interface (RJ-45). 1.544 Mbps x 4	6,900.00 6 2.73	4,485.00 4,485.00 4,485.00
NEW 490372 1 EACH	PAV Data Systems 8T1-IDU 1 Year	Indoor Unit. 8 x T1 Interface (RJ-45). 1.544 Mbps x 8	8,250.00 6 2.73	5,362.50 5,362.50 5,362.50

Bud Industries, Inc.

Bud offers a complete line of cabinets, racks and accessories for voice, datacom and wireless applications.

PAV Data ATM Indoor Units

PAV free space optical solutions

The PAVLight Indoor Unit (IDU) is a 1U, 19" rack-mount chassis. It contains a power supply for internal circuits and the linkhead, dry-contact alarm circuits and indicator LED's, and a Personality Interface Module which sets the interface and data rate.

- Dual SC Multimode Fiber Connection to ODU (Single Mode Optional)
- Choose Data Interface and Speed Below
- 90-240 VAC or 48 VDC, 35 Watts Input Power
- 400 Meter Max IDU-ODU for single transmitter systems
- 200 Meter Max ISU-ODU for triple transmitter systems
- Optional Remote Monitoring (non-SNMP)
- Optional SNMP

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Data Rate	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 412359 1 EACH	PAV Data Systems ATM-IDU 1 Year	Indoor Unit for FSO link. ATM Interface. 155 Mbps	3,750.00 6 2.73	2,437.50 2,437.50 2,437.50

PAV

PAV Free Space Optics provides license-free, secure, line-of-site data and voice communications with bandwidths from 1.54 Mbps to 1 Gbps.

PAV Data FSO Monitoring Systems

PAV free space optical solutions

Optional Monitoring systems for PAV Data FSO systems.

Continuing product table (1 of 2)

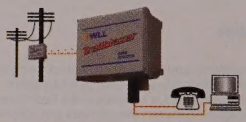
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Data Rate	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 484386 1 EACH	PAV Data Systems LM-2000(232)	Link Monitor and datalogger hardware and Windows 95/98/2000 software. RS-232 interface.	1,020.00 3 1.36	1,020.00 1,020.00 1,020.00
NEW 463385 1 EACH	PAV Data Systems LM-2000(485)	Link Monitor and datalogger hardware and Windows 95/98/2000 software. RS-485 interface.	1,020.00 3 1.36	1,020.00 1,020.00 1,020.00

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Data Rate	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW 498380 1 EACH	PAV Data Systems SNMP	SNMP Proxy Agent. Includes MIB 1 files and 6 in/2 out dry contact relay terminals.	1,425.00 8 3.64	1,42 1,42 1,42

Unlicensed T-Carrier [597-30]

Phone Line Extender



The Trailblazer Phone Line Extender delivers two full-service phone lines with true networ dialtone, including crystal clear voice and wire-equivalent V.90 dial-up modem speeds. Both lines can be used for either voice or data. Each kits includes two units, one FXO, one FXS, with integral 14 dBi antennas.

- Unlicensed 2.4 GHz Operation
- Simple Pole Mount Installation
- 14 dBi Antenna Built-In
- 30 dBm ERP Using Internal Antenna
- 14 Mile Range With Internal Antenna
- 40 Mile Range With Optional Antenna
- 5 ms Latency End-to-End
- Housed in a NEMA 4X Enclosure.
- Works with FAX and V.90 modems.
- Co-locate 4 to 6 Trailblazers for Multiple Custom ers
- All-Digital Repeater Available Separately.
- N/Female Connection for Optional External Antenna

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
479130 1 EACH	Carlson Wireless T-PE 2 Years	2.4 GHz Two-Line Wireless Phone Line Extender Kit. 12-48 VDC, 5 Watts (Not included). Includes external antenna connection.	4,000.00 18 8.18	4,000 4,000 3,880
NEW 475328 1 EACH	Carlson Wireless 640-3600 2 Years	AC Power Supply for all CWT Trailblazer products. 90-264 VAC input through standard IEC line cord (included), 13.8 VDC output through bare leads. Powers up to two Trailblazer units.	65.00 3 1.36	65. 65. 65.
NEW 438371 1 EACH	Carlson Wireless 640-3650 2 Years	8 Hour Battery Backup Option for all CWT Trailblazer products. Includes sealed lead-acid battery and charge-controller. Requires AC power supply such as 640-3600 International AC Power Supply. Intended for indoor use only.	60.00 6 2.73	60. 60. 60.
NEW 419329 1 EACH	Carlson Wireless 640-6000	Ground Isolation Kit for PE and LL models.	85.00 6 2.73	85. 85. 85.
NEW 419161 1 EACH	Carlson Wireless 950-1000 2 Years	Solar Power Kit. 12 VDC, 2.7 Amps max. With 32W solar panel, 18 Ah gel cell battery, regulator, charger. NEMA 4 enclosure w/ pole-mount hardware.	975.00 61 27.72	975. 975. 945.

Leased Line Emulator

The Trailblazer Leased Line Emulator provides a dedicate "nailed-up" analog connection between two points within line-of-sight distance. It can be configured for 2-wire or wire operation. Each kits includes two FXO units with in gral 14 dBi antennas.

- Unlicensed 2.4 GHz Operation
- Simple Pole Mount Installation
- 14 dBi Antenna Built-In
- 30 dBm ERP Using Internal Antenna
- 14 Mile Range With Internal Antenna
- 40 Mile Range With Optional Antenna
- 5 ms Latency End-to-End
- Housed in a NEMA 4X Enclosure
- All Audio Passed Through Unrestricted
- Compatible with V.34 and V.90 modems
- N/Female Connection for Optional External Antenna
- Co-locate 4 to 6 Trailblazers for Multiple Custom ers
- All-Digital Repeater Available Separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW 479320 1 EACH	Carlson Wireless T-PE/LL4 2 Years	2.4 GHz Phone Extender/Leased Line Emulator Kit (two units) with one POTS/Voice Channel (FXO/FXS) and one 4-wire leased-line circuit.	4,300.00 18 8.18	4,300 4,300 4,171
NEW 426176 1 EACH	Carlson Wireless T-LL4 2 Years	2.4 GHz Leased Line Emulator complete link kit with two 4-wire leased line circuit. Circuits can be used as 2-wire voice circuits with jumper selection. Integrated antennas with connector for optional external antennas. Requires 12-48 VDC, 5 Watts power supply (Not included).	4,400.00 18 8.18	4,400 4,400 4,268

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ailblazer Digital Repeater

Trailblazer Digital Repeater allows you to extend the range of a wireless link and route around obstacles. Exclusively for CWT Trailblazer Phone Line, Leased Line, and Ethernet Bridge products.

tend up to 5 hops (70 Miles)
l-Digital Repeater
nlicensed 2.4 GHz Operation
mple Pole Mount Installation

dBi Antenna Built-In

- 30 dBm ERP Using Internal Antennas
- 14 Mile Range With Internal Antenna
- Housed in a NEMA 4X Enclosure.
- N/Female Connection for Optional External Antenna

rt No. y/Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 6119 EACH	Carlson Wireless T-RP 2 Years	2.4 GHz Trailblazer Digital Repeater. For radios up to 128 Kbps. 12-48 VDC, 4 Watts (Not Included). Includes internal antenna and external antenna connection.	3,600.00 18 8.18	3,600.00 3,600.00 3,492.00

lulti-Functional Voice and Data Radio

The Trailblazer FT-512 transmits synchronous data specificall designed for easy integration with Carlson PCM or ADPCM voice multiplexer POTS cards or any standard V.35 serial device, such as a line concentrator for multiplexed voice or and IP router for Etherenet data.

nlicensed 2.4 GHz or 5.8 GHz
ange up to 32 miles
35 Interface Standard
2 dB Processing Gain
ull Duplex, TDD

- Selectable Data Rates up to 512 Kbps
- GUI Remote Management Software Included
- Less Than 4 ms Latency End-to-End
- All-Digital Repeater Available
- Voice and Data cards available

rt No. y/Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 95348 EACH	Carlson Wireless T-FT512 2 Years	2.4 GHz 2.4 GHz Multi-Funtional Digital Radio. V35 Interface Standard (DB-25 connector). Power 12-48 VDC, 2 Watts (Not included).	2,700.00 11 5	2,700.00 2,700.00 2,619.00
NEW 33302 EACH	Carlson Wireless T-FT512/58 2 Years	5.8 GHz 5.8 GHz Multi-Funtional Digital Radio. V35 Interface Standard (DB-25 connector). Power 12-48 VDC, 2 Watts (Not included).	2,700.00 11 5	3,172.51 3,172.51 3,172.51
NEW 75301 PAIR	Carlson Wireless T-RP512 2 Years	2.4 GHz Digital Repeater for FT512. Assembled and Configured. Use to double range or clear line-of-sight obstacles.	5,400.00 22 10	5,400.00 5,400.00 5,238.00

WT FT512 Plug-In Cards

Optional plug-in cards for the CWT FT512 Multi-Function Digital Voice and Data Radio. Each T512 can accept a single card. Choose the card that best fits your application.

tinuing product table (1 of 2)

art No. ty/Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 58312 EACH	Carlson Wireless 512-5150 2 Years	2 POTS/Voice channels FXS plug-in card. PCM, 64 Kbps per channel full bandwidth.	400.00 1 0.45	400.00 400.00 388.00
NEW 42305 EACH	Carlson Wireless 512-5175 2 Years	2 POTS/Voice channels FXO plug-in card. PCM, 64 Kbps per channel full bandwidth.	300.00 1 0.45	300.00 300.00 291.00
NEW 56306 EACH	Carlson Wireless 512-5200 2 Years	4 POTS/Voice channels FXS plug-in card. PCM, 64 Kbps per channel full bandwidth.	500.00 1 0.45	500.00 500.00 485.00
NEW 56314 EACH	Carlson Wireless 512-5300 2 Years	4 POTS/Voice channels FXO plug-in card. PCM, 64 Kbps per channel full bandwidth.	400.00 1 0.45	400.00 400.00 388.00
NEW 77306 EACH	Carlson Wireless 512-5400 2 Years	8 POTS/Voice channels FXS plug-in card. PCM, 64 Kbps per channel full bandwidth.	825.00 1 0.45	825.00 825.00 800.25
NEW 29374 EACH	Carlson Wireless 512-5500 2 Years	8 POTS/Voice channels FXO plug-in card. PCM, 64 Kbps per channel full bandwidth.	675.00 1 0.45	675.00 675.00 654.75
NEW 64314 EACH	Carlson Wireless 512-5600 2 Years	8 POTS/Voice channels FXS plug-in card. ADPCM, 32 Kbps per channel full bandwidth.	825.00 1 0.45	825.00 825.00 800.25
NEW 22356 EACH	Carlson Wireless 512-5700 2 Years	8 POTS/Voice channels FXO plug-in card. ADPCM, 32 Kbps per channel full bandwidth.	675.00 1 0.45	675.00 675.00 654.75
NEW 97313 EACH	Carlson Wireless 512-5800 2 Years	Plug-in card: 3 additional synchronous full-duplex V.35 data ports.	450.00 1 0.45	2,700.00 2,700.00 2,619.00

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 422342 1 EACH	Carlson Wireless 512-5900 2 Years	Plug-in card: 10Base-T Ethernet Bridge	350.00 1 0.45	350.00 350.00 339.50

Lynx T1 Radio

Proxim Lynx 2.4GHz T1 unlicensed direct sequence spread spectrum radio. The one piece indoor design, loop back functions, flexible power connections and external adjustments result in a system that is easy to install and maintain. Easily connected to voice, data or video sources. Typical applications include Cellular/PCS base station interconnect, rural telephone and remote data applications.

- One to eight independent DS1 (1.544 Mbps) channels
- Point to Point from 1 to 50 miles
- Built in Loop-Back and Far-End monitoring and orderwire
- High system gain and Forward Error Correction
- Spread Spectrum Technology
- Power: +24 or -48 VDC
- Two Service Channels
- Data Rate: 1.544 Mbps
- RF Conn: N Female
- Output Power (2.4 GHz): +27 dBm
- Output Power (5.8 GHz): +20 dBm
- RF Attenuation Range (2.4): 16dB
- RF Attenuation Range (5.8): 20 dB
- Coding: Direct Sequence
- Processing Gain: 10 dB
- Digital Interface: DSX-1 to 4 x DSX-1
- Connectors: DB9, RJ-45

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
22385 1 EACH	Proxim 31250A10 2 Years	2.4 GHz A1 Channel LYNX 2.4GHz T1 Radio.	8,995.00 17.05 7.75	8,014.55 7,348.92 6,782.23
28000 1 EACH	Proxim 31250A20 2 Years	2.4 GHz A2 Channel LYNX 2.4GHz T1 Radio.	8,995.00 10 4.54	8,014.55 7,348.92 6,782.23
29447 1 EACH	Proxim 31250B10 2 Years	2.4 GHz B1 Channel LYNX 2.4GHz T1 Radio	8,995.00 17.5 7.95	8,014.55 7,348.92 6,782.23
29468 1 EACH	Proxim 31250B20 2 Years	2.4 GHz B2 Channel LYNX 2.4GHz T1 Radio	8,995.00 17.75 8.07	8,014.55 7,348.92 6,782.23
25396 1 EACH	Proxim 31650-A10 2 Years	2.4 GHz A1 Channel LYNX 2.4GHz 2xT1 Radio	11,495.00 17.4 7.91	10,242.05 9,391.42 8,667.23
25399 1 EACH	Proxim 31650-A20 2 Years	2.4 GHz A2 Channel LYNX 2.4GHz 2xT1 Radio	11,495.00 10 4.54	10,242.05 9,391.42 8,667.23
461091 1 EACH	Proxim 31350-10A1 2 Years	2.4 GHz A1 Channel LYNX HD 4 x T1 Radio	14,995.00 17.7 8.04	13,360.55 12,250.92 11,306.23
422050 1 EACH	Proxim 31350-10A2 2 Years	2.4 GHz A2 Channel LYNX HD 4 x T1 Radio.	14,995.00 11 5	13,360.55 12,250.92 11,306.23
472011 1 EACH	Proxim 31350-10B1 2 Years	2.4 GHz B1 Channel LYNX HD 4 x T1 Radio	14,995.00 17.75 8.07	13,360.55 12,250.92 11,306.23
499083 1 EACH	Proxim 31350-10B2 2 Years	2.4 GHz B2 Channel LYNX HD 4 x T1 Radio	14,995.00 17.85 8.11	13,360.55 12,250.92 11,306.23
30099 1 EACH	Proxim 31000A10 2 Years	5.8GHz. A1 Channel LYNX 5.8GHz T1 Radio	8,995.00 14.01 6.37	8,014.55 7,348.92 6,782.23
30125 1 EACH	Proxim 31000A20 2 Years	5.8GHz A2 Channel LYNX 5.8GHz T1 Radio	8,995.00 15.34 6.97	8,014.55 7,348.92 6,782.23
29816 1 EACH	Proxim 31000B10 2 Years	5.8GHz B1 Channel LYNX 5.8GHz T1 Radio	8,995.00 17.25 7.84	8,014.55 7,348.92 6,782.23
30139 1 EACH	Proxim 31000B20 2 Years	5.8GHz. B2 Channel LYNX 5.8GHz T1 Radio	8,995.00 16.85 7.66	8,014.55 7,348.92 6,782.23
30178 1 EACH	Proxim 31000C10 2 Years	5.8GHz. C1 Channel LYNX 5.8GHz T1 Radio	8,995.00 16.9 7.68	8,014.55 7,348.92 6,782.23
30199 1 EACH	Proxim 31000C20 2 Years	5.8GHz. C2 Channel LYNX 5.8GHz T1 Radio	8,995.00 10 4.54	8,014.55 7,348.92 6,782.23
38462 1 EACH	Proxim 31600-A1 2 Year	5.8GHz. A1 Channel LYNC 5.8GHz 2xT1 Radio	11,495.00 50 22.72	10,242.05 9,391.42 8,667.23
38465 1 EACH	Proxim 31600-A2 2 Year	5.8GHz A2 Channel LYNX 5.8GHz 2xT1 Radio	11,495.00 17.6 8	10,242.05 9,391.42 8,667.23
30237 1 EACH	Proxim 31600-B1 2 Year	5.8GHz. B1 Channel LYNX 5.8GHz 2xT1 Radio	11,495.00 11 5	10,242.05 9,391.42 8,667.23

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Unlicensed T-Carrier

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
31293 1 EACH	Proxim 31600-B2 2 Year	5.8GHz. B2 Channel LYNX 5.8 GHz 2 x T1 radio.	11,495.00 17.55 7.98	10,242.05 9,391.42 8,667.23
421090 1 EACH	Proxim 31850-10A1 2 Years	5.8 GHz A1 Channel LYNX 5.8GHz 4xT1 Radio	14,995.00 11 5	13,360.55 12,250.92 11,306.23
485053 1 EACH	Proxim 31850-10A2 2 Years	5.8 GHz A2 Channel LYNX 5.8GHz 4xT1 Radio	14,995.00 17.35 7.89	13,360.55 12,250.92 11,306.23
453057 1 EACH	Proxim 31850-10B1 2 Years	5.8 GHz B1 Channel LYNX 5.8GHz 4xT1 Radio	14,995.00 11 5	13,360.55 12,250.92 11,306.23
440048 1 EACH	Proxim 31850-10B2 2 Years	5.8 GHz B2 Channel LYNX 5.8GHz 4xT1 Radio	14,995.00 11 5	13,360.55 12,250.92 11,306.23
466090 1 EACH	Proxim 31850-10C1 2 Years	5.8 GHz C1 Channel LYNX 5.8GHz 4xT1 Radio	14,995.00 11 5	13,360.55 12,250.92 11,306.23
482010 1 EACH	Proxim 31850-10C2 2 Years	5.8 GHz C2 Channel LYNX 5.8GHz 4xT1 Radio	14,995.00 11 5	13,360.55 12,250.92 11,306.23
NEW 418055 1 EACH	Proxim 31145-1FA1	5.8 GHz A1 Channel Lynx.HD 5.8GHz 8 x T1 Radio.	15,995.00 15 6.82	14,251.55 13,067.92 12,060.23
NEW 441061 1 EACH	Proxim 31145-1FA2	5.8 GHz A2 Channel Lynx.HD 5.8 GHz 8 x T1 Radio.	15,995.00 15 6.82	14,251.55 13,067.92 12,060.23
NEW 444377 1 EACH	Proxim 31145-1FB1 2 Years	5.8 GHz B1 Channel Lynx.HD 5.8GHz 8xT1 Radio	15,995.00 17.25 7.84	14,251.55 13,067.92 12,060.23
NEW 497379 1 EACH	Proxim 31145-1FB2 2 Years	5.8 GHz B2 Channel LYNX 5.8GHz 8xT1 Radio	15,995.00 17.55 7.98	14,251.55 13,067.92 12,060.23

Lynx Fractional T1 Radio

Proxim LYNX Fractional Capacity Radio modems for point to point wireless communications. Fractional capacity models provide full-duplex synchronous communications from 56 kbps to 512 kbps. Easily connected to voice, data or video sources. Typical applications include rural telephone and remote data connections, such as Internet service provision or in-building extensions of LAN or PBX systems.

- Two independent data channels
- V.11 (V.35) interface
- Full duplex, user selectable synchronous data
- Data Rates: 56 kbps to 512 kbps
- Point to Point communication to 80 km
- Far-End monitoring, loopback, orderwire
- Output Power (2.4): +27 dBm
- Output Power (5.8): +20 dBm
- RF Attenuation Range (2.4): 16dB
- RF Attenuation Range (5.8): 20dB
- Modulation: QPSK
- Coding: Direct Sequence
- Processing Gain: 10dB
- Data Capacity: Selectable 56, 64, 128, 256 kbps
- Data Interface: v.35 (34 pin), EIA-350, RS232 DB25F
- Power: +/-20 TO +/- 60 VDC

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 57442 1 EACH	Proxim 31900-1A10 2 Years	2.4 GHz Channel A1/B1 LYNX 2.4GHz Fractional T1 Radio with V.35 Interface	4,995.00 17.3 7.86	4,475.52 4,160.84 3,891.11
57452 1 EACH	Proxim 31900-1A20 2 Years	2.4 GHz Channel A2/B2 LYNX 2.4GHz Fractional T1 Radio with V.35 Interface	4,995.00 10 4.54	4,475.52 4,160.84 3,891.11
57878 1 EACH	Proxim 31900-1C10 2 Years	2.4 GHz. Channel C1/D1 LYNX 2.4GHz Fractional T1 Radio with V.35 Interface	4,995.00 17.63 8.01	4,475.52 4,160.84 3,891.11
57884 1 EACH	Proxim 31900-1C20 2 Years	2.4 GHz. Channel C2/D2 LYNX 2.4GHz Fractional T1 Radio with V.35 Interface	4,995.00 17.49 7.95	4,475.52 4,160.84 3,891.11
22465 1 EACH	Proxim 31900-1E10 2 Years	2.4 GHz. Channel E1/F1/G1 LYNX 2.4GHz Fractional T1 Radio with V.35 Interface	4,995.00 10 4.54	4,475.52 4,160.84 3,891.11
57124 1 EACH	Proxim 31900-1E20 2 Years	2.4 GHz. Channel E2/F2/G2 LYNX 2.4GHz Fractional T1 Radio with V.35 Interface	4,995.00 10 4.54	4,475.52 4,160.84 3,891.11
32555 1 EACH	Proxim 319501A10 2 Years	5.8 GHz A1/B1 Channel LYNX 5.8GHz Fractional T1 Radio with V.35 interface	4,995.00 10 4.54	4,475.52 4,160.84 3,891.11
54042 1 EACH	Proxim 319501A20 2 Years	5.8 GHz A2/B2 Channel LYNX 5.8GHz Fractional T1 Radio with V.35 interface	4,995.00 10 4.54	4,475.52 4,160.84 3,891.11
35586 1 EACH	Proxim 319501C10 2 Years	5.8 GHz C1/D1 Channel LYNX 5.8GHz Fractional T1 Radio with V.35 interface	4,995.00 10 4.54	4,475.52 4,160.84 3,891.11
35743 1 EACH	Proxim 319501C20 2 Years	5.8 GHz C2/D2 Channel LYNX 5.8GHz Fractional T1 Radio with V.35 interface	4,995.00 10 4.54	4,475.52 4,160.84 3,891.11

Continuing product table (2 of 2)

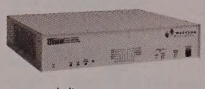
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
54061 1 EACH	Proxim 319501E10 2 Years	5.8 GHz E1/F1 Channel LYNX 5.8GHz Fractional T1 Radio with V.35 Interface	4,995.00 10 4.54	4,4 4,1 3,8
54065 1 EACH	Proxim 319501E20 2 Years	5.8 GHz E2/F2 Channel LYNX 5.8GHz Fractional T1 Radio with V.35 interface	4,995.00 10 4.54	4,4 4,1 3,8

Lynx T1 Accessories

proxim

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
22491 1 EACH	Proxim 201-31070-1 2 Years	AC/DC converter for Lynx T1, Lynx fractional T1 and Tsunami products. AC input voltage is 100-250VAC, 50-60Hz.	112.50 0.7 0.32	90 90 90
22527 1 EACH	Proxim 201-31050 2 Years	Orderwire phone for Lynx T1 and fractional T1 radios. Plugs into RJ-11 jack on radio.	73.55 1 0.45	58 58 58
59383 1 EACH	Proxim 201-9260 2 Years	Diplexer kit for LYNX T1 and fractional T1 radios. Frequencies: 5.7-5.9 GHz and 6.5-6.9 GHz. Combines with Part 94 radio.	1,544.15 1 0.45	1,23 1,23 1,23
61170 1 EACH	Proxim MAN-31000	Operation and maintenance manual for LYNX T1 radios.	44.15 1.16 0.53	35 35 35
61184 1 EACH	Proxim MAN-27701	Operation and maintenance manual for LYNX DS-3 radios.	44.15 1 0.45	35 35 35
61189 1 EACH	Proxim MAN-31900	Operation and maintenance manual for LYNX Fractional T1 radios.	44.15 1 0.45	35 35 35
61206 1 EACH	Proxim 201-31061	Wall mount bracket for LYNX sc and TSUNAMI 10Base-T radios. Two brackets required per radio.	36.80 1 0.45	29 29 29
59573 1 EACH	Proxim 31455-0 2 Years	PROTECTION SWITCH for LYNX.sc T1-4xT1 radios. Provides monitored hot standby protection to online radios. Operates in either 2.4 or 5.8 GHz ISM bands. Requires only one antenna per location. Switching time typically 1.5 seconds.	3,995.00 10 4.54	3,95 3,95 3,95
70615 1 EACH	Proxim 31420-0	PROTECTION SWITCH for LYNX.sc T1-8xT1 radios. Provides monitored hot standby protection to online radios. Operates in either 2.4 or 5.8 GHz ISM bands. Requires only one antenna per location. Switching time typically 1.5 seconds.	4,295.00 10 4.54	4,25 4,25 4,25
70618 1 EACH	Proxim 31520-0	PROTECTION SWITCH for LYNX.sc DS3 radios. Provides monitored hot standby protection to online radios. Operates in either 2.4 or 5.8 GHz ISM bands. Requires only one antenna per location. Switching time typically 1.5 seconds.	4,395.00 10 4.54	4,35 4,35 4,35

LYNX DS3 U-NII Radios



The LYNX.sc DS-3 microwave radio provides wireless fu duplex DS-3 connectivity (~45 Mbps) under the U-NII, L LAN license free regulations. The LYNX.sc DS-3 is ideal backbone and spur connections of PCS and Cellular syst In addition, ISPs and CLECs can establish new point of p ence and direct connections to enterprise customers with this solution. Order in pairs, A1 or B1/B2 channels.

- DS-3 (45 Mbps) Interface
- Single channel: 5.725 - 5.825 GHz
- Dual channel: 5.250-5.350 / 5.725-5.825 GHz
- Wayside T1
- Point to Point communications from 1 to 15 miles
- Built in loop back and far-end monitoring and orderwire
- Antenna Conn: N-Female
- DS-3 interface: dsx-3
- Conn: BNC Female, 75 Ohm
- Line code: B3ZS
- Output Power (1 chan): +20 dBm typical
- Output Power (2 chan): +13 dBm typical
- RF Attenuation range: 20 dBm min.
- Receiver threshold: -79 dBm, BER: 10^-6
- System gain: (1 chan) 97 dB, (2 chan) 90 dB
- Power: +/- 20 to +/- 63 VDC

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
53057 1 EACH	Proxim 27710-91A10 2 Years	5.8 GHz A1 Channel 5.8GHz DS3 (U-NII) Single Band Radio with Wayside T1	19,995.00 11 5	17,8 16,3 15,0
54013 1 EACH	Proxim 27710-91A20 2 Years	5.8 GHz A2 Channel 5.8GHz DS3 (U-NII) Single Band Radio with Wayside T1	19,995.00 11 5	17,8 16,3 15,0
446155 1 EACH	Proxim 27750-91A10 2 Years	5.3 GHz A1 Channel 5.3 GHz DS3 (U-NII) Single Band Radio with Wayside T1	17,995.00 11 5	16,0 14,7 13,5
461140 1 EACH	Proxim 27750-91A20 2 Years	5.2 GHz A2 Channel 5.3 GHz DS3 (U-NII) Single Band Radio with Wayside T1	17,995.00 11 5	16,0 14,7 13,5

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nx OC-3 Digital Microwave Radio

Lynx OC-3 is a License-Exempt digital microwave radio that provides wireless full-duplex OC-3 connectivity for distances exceeding 7 miles (11 km)eat a significantly lower cost than leasing dedicated OC-3 lines or trenching for fiber. Using high-quality radios and standard SONET interfaces, Lynx OC-3 allows you to quickly connect locations or add redundancy to existing SONET network infrastructure. Lynx OC-3 offers significant cost savings compared to leased-line connections, and provides a time-to-connection advantage where new

s are impossible or too costly.

- C-3 interface and capacity
- dditional T1 lines for voice or data
- /5.8 GHz license-exempt frequency
- mpliant with industry standards
- w power consumption ø 100 W
- Wide operational temperature range
- Built-in loopback, far-end monitoring, and private telephone network orderwire.
- 2-year warranty
- SNMP and HTTP management interfaces

t No. /Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 0168 ACH	Proxim 28020-D1A1 2 Years	Dual Band 5250-5350 MHz and 5725-5825 MHz Lynx OC-3 SONET Radio(A1)	29,995.00 31 14.09	26,725.55 24,505.92 22,616.23
EW 1136 ACH	Proxim 28020-D1A2 2 Years	Dual Band 5250-5350 MHz and 5725-5825 MHz Lynx OC-3 SONET Radio(A2)	29,995.00 31 14.09	26,725.55 24,505.92 22,616.23

Unlicensed Ethernet [598-30]

)Mbps Wireless Ethernet Bridge Kit

PROXIM STRATUM full duplex building to building data bridge plus two T1's. Supports range up to 4 miles . Includes two indoor units, two outdoor units with integral 18" antennas and two antenna mounting brackets. Kit does not include DC power cable from IDU to ODU or fiber optic cable. Each side of the STRATUM bridge requires one shielded, 2 conductor 18 gauge cable with drain wire for DC power. Maximum cable length is 1000 feet. Each side of the STRATUM bridge also requires a UV-shielded cable containing a mini-

m of two 850 nanometer multi-mode fibers with ST connectors. Fiber sub-cables should have outside diameter of 2.7-3 millimeters. Maximum cable length is 1000 feet.

- 25 to 5.85 GHz
- ata Rate: 20 or 100 Mbps depending on model
- nsitivity: -77 dBm
- odulation: QPSK
- R: 10^-12
- ansmit Power: -1dBm typical
- ower Adj: -27 to -1 dBm
- IF Conn: ST-Fiber
- Data Conn: RJ-45/ 2x DSX-1
- Power Supply: 90-240 VAC
- Power Consumption: 55 Watts
- Mounting: 1.9-3.5" pipe
- Cabinet: 19" Rack Mount

rt No. y/Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 32029 EACH	Proxim 2090-05 2 Years	5.250 - 5.850 GHz 100 Mbps Wireless Ethernet and 2xT1 Kit. Unlicensed 5.8 GHz radio. Kit includes two indoor units, two outdoor units with integral antennas, and mounting brackets. For links up to 4 miles.	22,075.00 132 59.99	22,075.00 20,971.25 19,867.50

00Mbps Long Range Ethernet Bridge Kit

100 Mbps Full Duplex Long Range Ethernet Bridge plus 2xDSX-1 and T1. Includes one each A & B band sets. Supports range up to 7 miles. Kit includes two indoor units with accessory kit, one outdoor unit with 18" integral antenna, one outdoor unit without antenna (REQUIRES 4 ft GRID OR SOLID DISH AND 6 FT LMR-600, N-MALE/N-MALE COAXIAL JUMPER) and two antenna mounting brackets. Note: IDU to ODU DC power and fiber signal cables are not included with this kit. Customer must supply. Overall maxi-

um length of DC and signal cables are 1000 ft.

- 25-5.85 GHz
- 00 Mbps full duplex + 2x T1
- odulation: QPSK
- ensitivity: -77 dBm
- ower Adjustment Range: -27 to -1 dBm
- IF Conn: ST-fiber
- Data Conn: RJ-45/2x DSX-1
- Power Supply: 90-240VAC
- 19" Rack Mount

rt No. y/Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 18350 EACH	Proxim 2091-05 2 Years	5.250 - 5.850 GHz 100 Mbps Wireless Ethernet and 2xT1 Kit. Unlicensed 5.8 GHz radio. Kit includes two indoor units, one outdoor unit with integral 18" antenna, one outdoor unit without antenna, and mounting brackets. For links up to 7 miles. Additional parabolic dish antenna required, not supplied. Maximum antenna gain 40 dB.	22,075.00 112 50.9	22,075.00 20,971.25 19,867.50

proxim *The Capacity to Do Great Things.*

Tsunami(tm) wireless Ethernet bridges provide cost-effective building-to-building connectivity with 99.999% availability and speeds ranging from 11 to 860 Mbps.

Tsunami 10 BaseT Wireless Bridge

Proxim Tsunami wireless bridges provide full duplex 10 baseT (fast ethernet) connectivity under the ISM license free band. For line of sight distances up to 50 miles. Uses Spread Spectrum technologies.

- Operates in either the 2.4 or 5.8 Ghz ISM band
- Wayside E1 available on some models
- Point to Point for less than 1 mile to 50 miles
- Built in loopback, far-end monitoring and orderwire
- Sensitivity: -5 dBm error free
- Processing Gain: 10 dBm, minimum
- RF Attenuation Range: 20 dB min
- Data Interface: 10 baseTX (cat 5)
- Data Conn: RJ-45
- RF Conn: N-Female
- Test Points: Output power, near and far-end RSL
- Power: +/- 20 to +/- 63 VDC
- Optional AC power adapter (22137)
- Order in Channel pairs. A1/A2, B1/B2 etc.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
61248 1 EACH	Proxim 31190-41A1 2 Years	2.4 GHz A1 Channel 12 Mbps Full Duplex Wireless Ethernet Bridge. Total throughput 24Mbps. Two wayside T1's. Output Power: +27 dBm	6,995.00 17.8 8.09	6,267.52 5,826.84 5,449.11
61269 1 EACH	Proxim 31190-41A2 2 Years	2.4 GHz A2 Channel 12 Mbps Full Duplex Wireless Ethernet Bridge. Total throughput 24Mbps. Two wayside T1's. Output Power: +27 dBm	6,995.00 17.75 8.07	6,267.52 5,826.84 5,449.11
22126 1 EACH	Proxim 31145-41A1 2 Years	5.8GHz A1 Channel Plan 12 Mbps Full Duplex Wireless Ethernet Bridge. Total throughput 24Mbps. Two wayside T1's. Output Power: +20 dBm	6,995.00 16.4 7.45	6,267.52 5,826.84 5,449.11
56929 1 EACH	Proxim 31145-41A2 2 Years	5.8GHz A2 Channel Plan 12 Mbps Full Duplex Wireless Ethernet Bridge. Total throughput 24Mbps. Two wayside T1's. Output Power: +20 dBm	6,995.00 16.44 7.47	6,267.52 5,826.84 5,449.11
57848 1 EACH	Proxim 31145-41B1 2 Years	5.8GHz B1 Channel Plan 12 Mbps Full Duplex Wireless Ethernet Bridge. Total throughput 24Mbps. Two wayside T1's. Output Power: +20 dBm	6,995.00 15 6.82	6,267.52 5,826.84 5,449.11
57849 1 EACH	Proxim 31145-41B2 2 Years	5.8GHz B2 Channel Plan 12 Mbps Full Duplex Wireless Ethernet Bridge. Total throughput 24Mbps. Two wayside T1's. Output Power: +20 dBm	6,995.00 17.45 7.93	6,267.52 5,826.84 5,449.11

Tsunami 100 BaseT Wireless Bridges

Proxim Tsunami wireless bridges provide full duplex 100Base-T (fast ethernet) connectivity under the ISM license free band. For line of sight distances up to 15 miles

- Single Channel: 5.725 - 5.825 GHz
- Dual Channel: 5.25-5.35 & 5.725 - 5.825 GHz
- Wayside T1
- 45 Mbps full duplex, 90 Mbps total
- Point to Point for less than 1 mile to 15 miles
- Built in loopback, far-end monitoring and orderwire
- Sensitivity: -79 dBm, BER 10^-6
- System Gain: 97 dB (90 dB dual channel)
- Output Power: +20 dBm typical
- Conn: N-Female
- Power: +/- 20 to +/-63 VDC
- Optional AC Adapter (22491)
- UNII Radio
- Order as a Pair, A1 and A2, or B1 and B2 channel options

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
22197 1 EACH	Proxim 27710-51A1 2 Years	5.8GHz. Channel Plan A1 5.8 Ghz UNII with 45 Mbps full duplex and total throughput of 90 Mbps +20 dBm transmitt power.	11,095.00 18.08 8.22	9,941.12 9,242.14 8,643.01
424013 1 EACH	Proxim 27750-51A1 2 Years	5.3GHz. Channel Plan A1 5.3 Ghz UNII with 45 Mbps full duplex and total throughput of 90 Mbps +13 dBm transmitt power.	11,095.00 12 5.45	9,941.12 9,242.14 8,643.01
NEW 442154 1 EACH	Proxim 27710-52A1 2 Years	5.8GHz. Channel Plan A1 5.8 Ghz UNII with 45 Mbps full duplex and total throughput of 90 Mbps +20 dBm transmitt power. Wayside E1. **FOR INTERNATIONAL USE ONLY**	11,095.00 18.08 8.22	9,941.12 9,242.14 8,643.01
462058 1 EACH	Proxim 27750-51A2 2 Years	5.3GHz. Channel Plan A2 5.3 Ghz UNII with 45 Mbps full duplex and total throughput of 90 Mbps +13 dBm transmitt power.	11,095.00 12 5.45	9,941.12 9,242.14 8,643.01
NEW 482130 1 EACH	Proxim 27710-52A2 2 Years	5.8GHz. Channel Plan A2 5.8 Ghz UNII with 45 Mbps full duplex and total throughput of 90 Mbps +20 dBm transmitt power. Wayside E1. **FOR INTERNATIONAL USE ONLY**	11,095.00 18.08 8.22	9,941.12 9,242.14 8,643.01
22211 1 EACH	Proxim 27710-51A2 2 Years	5.8 GHz. Channel Plan A2 Tsunami wireless Ethernet bridge. Unlicensed 5.8GHz 45Mbps full duplex. Total Throughput 90Mbps. +20 dBm TX power	11,095.00 17.3 7.86	9,941.12 9,242.14 8,643.01
93129 1 EACH	Proxim 27720-51A1 2 Years	5.3/5.8GHz. UNII Dual Band. Channel Plan A1 Full Duplex Throughput: 100Mbps. Total Throughput: >206Mbps. Includes two wayside T1's.	17,995.00 18.08 8.22	16,123.52 14,989.84 14,018.11

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
93149 1 EACH	Proxim 27720-51A2 2 Years	5.3/5.8GHz. UNII Dual Band. Channel Plan A2 Full Duplex Throughput: 100Mbps. Total Throughput: >206Mbps. Includes two wayside T1's.	17,995.00 18.45 8.39	16,123.52 14,989.84 14,018.11
476036 1 EACH	Proxim 27900-G1A1 2 Years	5.3/5.8GHz. UNII Dual Band. Channel Plan A1 Tsunami 480 5.3/5.8 Ghz full duplex UNII radio with 4 wayside T1's and total throughput of 960 Mbps.	43,395.00 22 10	38,881.92 36,148.04 33,804.71
492057 1 EACH	Proxim 27900-G1A2 2 Years	5.3/5.8GHz. UNII Dual Band. Channel Plan A2 Tsunami 480 5.3/5.8 Ghz full duplex UNII radio with 4 wayside T1's and total throughput of 960 Mbps.	43,395.00 22 10	38,881.92 36,148.04 33,804.71
NEW 467316 1 EACH	Proxim 28010-51A1 2 Years	5.3/5.8GHz. UNII Dual Band. Channel Plan A1 Full Duplex Throughput: 100Mbps. Total Throughput: >208Mbps. Includes two wayside T1's.	19,995.00 18.08 8.22	17,915.52 16,655.84 15,576.11
NEW 478326 1 EACH	Proxim 28010-51A2 2 Years	5.3/5.8GHz. UNII Dual Band. Channel Plan A2 Full Duplex Throughput: 100Mbps. Total Throughput: >208Mbps. Includes two wayside T1's.	19,995.00 18.08 8.22	17,915.52 16,655.84 15,576.11

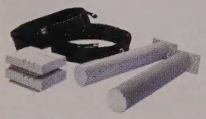
Tsunami Wireless Bridge Accessories

Proxim

Accessories for the Proxim Tsunami line of radio links.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
22142 1 EACH	Proxim 201-31072-1 2 Years	AC/DC converter complete with barrier strip connector. For use with Tsunami 100BaseT products and LYNX model 31145.	112.50 0.7 0.32	90.00 90.00 90.00
61210 1 EACH	Proxim MAN-31170-0	Operations and maintenance manual for TSUNAMI 10BaseT Radios.	44.15 1 0.45	35.30 35.30 35.30
61225 1 EACH	Proxim MAN-27700-0	Operations and maintenance manual for TSUNAMI 100BaseT Radios.	44.15 1 0.45	35.30 35.30 35.30

ORiNOCO Point-to-Point Backbone Kit



The Point-to-Point Radio Backbone Kit is an easy to install, highly reliable 11 Mbit/s building-to-building Wireless LAN connectivity solution. The kit includes all the necessary hardware, software and management components needed to establish a license-free 2.4 GHz wireless LAN bridge that spans up to 6 miles under clear line-of-sight conditions.

- High Performance 2.4GHz Integrated 11 Mbit/s Radio
- 128-Bit Key Security using RC4 Encryption
- Adaptive Dynamic Polling
- Protocol Filtering for Bridged Protocol
- Transparent VLAN Tagging
- Remote Wireless Link Analysis
- No License Required
- Factory Pre-Configured for Network Bridge Operation
- Up To 6 Miles Range
- IEEE 802.11b Compliant

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 433136 1 EACH	Proxim PTP KIT 1 Year	Point-to-Point Backbone Kit. Includes 2 x OR-500, 2 x Pigtails, 2 x 50' Low-Loss Cable, 1 x Crossover Ethernet Cable, 2 x 14 dBi Yagi Antennas, 2 x Surge Arrestor, 2 x Standard Ethernet Cables, Step-by-Step Installation Instructions, Standard Documentation.	2,495.00 12 5.45	2,495.00 2,495.00 2,370.25

3Com 11Mbps Wireless Ethernet Bridges

The 3Com Wireless LAN Building-to-Building Bridge delivers three to four times the bandwidth of T1/E1 links and works at distances up to 16.9 km (10 miles).

- 802.11b
- Up to 11 Mbps
- External Antenna connector
- 40- and 128-bit WEP shared key
- Web interface UI
- Unlimited number of users/bridge
- Unlimited number of bridges/LAN
- Includes crossover cable, power supply and mounting kit
- Can also be used for Point-to-Multipoint applications.
- Will interoperate with any Wi-Fi compatible access point

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 423348 1 EACH	3 Com 3CRWE91096A 1 year	2.4GHz Wireless LAN Building-to-Building Bridge	990.00 10 4.54	792.00 772.20 742.50

3Com

3Com's 11 Mbps Wirelesss LAN Outdoor Bridge solution combines wireless bridging technology enclosed in a high-gain panel antenna, ensuring installation and maximum performance.

3Com 11Mbps Outdoor Ethernet Bridges

This all-in-one wireless LAN solution features 3Com's 11 Mbps Wireless LAN Building-to-Building Bridge with integrated antenna and power-over-Ethernet cable in a durable weathe proof enclosure.

- Data transmission distances range up to 10 miles
- 802.11b
- Point to Point or Multipoint topology

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
NEW 418393 1 EACH	3 Com 3CRWE62092B 1 year	2.4GHz Wireless LAN Building-to-Building Bridge with outdoor integrated radio/antenna	1,190.00 10 4.54	952. 928. 892.

Tsunami QuickBridge Ethernet Radios

Proxim's Tsunami QuickBridge kits include everything needed to connect two buildings in r utes, making it faster, easier and more cost-effective to provide carrier-class outdoor conne tivity between buildings.

- Integrated antennas
- Cabling and wiring included
- 18 Mbps aggregate data throughput (QuickBridge 20)
- 54 Mbps aggregate data throughput (QuickBridge 60)
- Maximum distance (3 miles QuickBridge 60, 6 mil QuickBridge 20)
- 10/100 Base-T interface

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
NEW 446345 1 EACH	Proxim 48001-004 2 Years	5.8 GHz Tsunami QuickBridge 60 Outdoor Point-to-Point Ethernet Bridge Kit.	5,499.00 20 9.09	4,927 4,580 4,283
NEW 486337 1 EACH	Proxim 48001-002 2 Years	5.8 GHz Tsunami QuickBridge 20 Outdoor Point-to-Point Ethernet Bridge Kit.	3,499.00 20 9.09	3,135 2,914 2,725

Point to Point-Licensed [599-40]

stratex NETWORKS

Tired of waiting for T1's and paying ar arm and a leg for them? Stratex Networks licensed radios give you control of your backhaul and saves money. Coming Soon!

Proxim Tsunami Licensed

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
413125 1 EACH	Proxim 27400-51C2H	23GHz Licensed Wireless Ethernet Bridge. 23GHz licensed band 45Mbps (full duplex). High Power. C2 Channel Plan	12,495.00 19 8.64	11,19 10,40 9,733
432148 1 EACH	Proxim 27400-51A2H	23GHz Licensed Wireless Ethernet Bridge. 23GHz licensed band 45Mbps (full duplex) High Power Channel Plan A2	12,495.00 19 8.64	11,19 10,40 9,733
436199 1 EACH	Proxim 27400-51B1H	23GHz Licensed Wireless Ethernet Bridge. 23GHz licensed band 45Mbps (full duplex) +T1 High Power Channel Plan B1	12,495.00 19 8.64	11,19 10,40 9,733

NEW = New Listing. Pricing for reference o
See TESSCO.com for latest pricing and produ

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uing product table (2 of 2)

No. Uom	Manufacturer Mfg. P/N Warranty	Band, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
101 ACH	Proxim 27400-51C1H	23GHz Licensed Wireless Ethernet Bridge. 23GHz licensed band 45Mbps (full duplex). High Power. Channel Plan C1	12,495.00 19 8.64	11,195.52 10,408.34 9,733.61
166 ACH	Proxim 27400-51A1H	23GHz Licensed Wireless Ethernet Bridge. 23GHz licensed band 45Mbps (full duplex) High Power Channel Plan A1	12,495.00 19 8.64	11,195.52 10,408.34 9,733.61
193 ACH	Proxim 27400-51B2H	23GHz Licensed Wireless Ethernet Bridge. 23GHz licensed band 45Mbps (full duplex) High Power Channel Plan B2	12,495.00 19 8.64	11,195.52 10,408.34 9,733.61
153 ACH	Proxim 201-31073-1	AC/DC converter for Tsunami 23GHz Licensed Radio (27400). AC input is 100-250VAC, 50-60Hz.	187.50 1 0.45	150.00 150.00 150.00
EW 354 ACH	Proxim 27400-51A1L	23GHz Licensed Wireless Ethernet Bridge. 23GHz licensed band 45Mbps (full duplex) Low Power Channel Plan A1	12,495.00 19 8.64	11,195.52 10,408.34 9,733.61
EW 366 ACH	Proxim 27400-51A2L 2 Years	23GHz Licensed Wireless Ethernet Bridge. 23GHz licensed band 45Mbps (full duplex). Low Power. Channel Plan A2	12,495.00 19 8.64	11,195.52 10,408.34 9,733.61
EW 329 ACH	Proxim 27400-51C2L	23GHz Licensed Tsunami Wireless Ethernet Bridge. 23GHz licensed band 45Mbps (full duplex). Low Power. C2 Channel Plan.	12,495.00 19 8.64	11,195.52 10,408.34 9,733.61

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Base Stations, In-Building Phones [228-10]

Link WTS Base Stations

Base stations provide the communication channel between the MCU and the phones. Uses spread-spectrum frequency-hopping. Each base station supports multiple users and can cover a trasmission area in excess of 50,000 square feet. Calls are passed from one base station to another as a user walks through the coverage area. Designed for mounting at or near the ceiling. An outdoor enclosure is available for outdoor use or hostile environments.

- 902-928 MHz
- FCC Certified under part 15.247
- 100mW peak, 50mW average transmit power
- Four Digital TDMA channels
- Frequency-Hopping Spread Spectrum
- Dimensions: 8.8"L x 5.4"W x 1.5"D
- Temp range: 0-40Deg C (standard version)
- -20 to 50 Deg C (outdoor version)
- Coverage up to 50,000 sq feet per unit

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 13999 1 EACH	SpectraLink RCC400 1 Year	Base Station for all Link WTS Series 400 systems. Includes dropped-ceiling mounting clip.	1,295.00 1.5 0.68	1,295.00 1,295.00 1,295.00
NEW 49179 1 EACH	SpectraLink RCO400 1 Year	Enclosed Outdoor Base Station for all Link WTS Series 400 systems. Includes mounting hardware.	1,790.00 6 2.73	1,790.00 1,790.00 1,790.00
NEW 92124 1 EACH	SpectraLink RCH400 1 Year	High-Density Base Station for Link 3000 systems. Includes dropped-ceiling mounting clip.	1,295.00 1.5 0.68	1,295.00 1,295.00 1,295.00
25257 1 EACH	SpectraLink RCC410 1 Year	Base Station for Series 400 Link 150 MCU's only. Includes dropped-ceiling mounting clip.	895.00 1.5 0.68	895.00 895.00 895.00
54907 1 EACH	SpectraLink RCO410 1 Year	Enclosed Outdoor Base Station for Series 400 Link 150 MCU's only. Includes mounting hardware.	1,390.00 5.89 2.68	1,390.00 1,390.00 1,390.00

Master Control Units (900 Mhz)

The Link 150 master control unit (MCU) is a compact modular unit designed for small installations. Provides interfaces for 16 telephone ports and 4 base stations. Up to 4 Link 150 MCUs can be combined to support a max. of 64 wireless phones and 16 base stations.

- Up to 64 Wireless Telephones
- Up to 16 Base Stations
- Up to 32 simultaneous calls
- Covers up to 1.5 million sq ft.
- Uses RJ-11 mod jacks
- Power: 120VAC
- High Speed digital Base Station interface
- Requires 22/24 ga.two pair cable
- Dimensions: 9"L x 8.4"W x 2.8"D
- Front panel Adminstration
- Note: When expanding, use Model 2 MCUs, (not compatible with the M3)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
481058 1 EACH	SpectraLink MOG500 1 Year	Open Application Interface (OAI) for custom feature integration. Requires a serial port connection to customer provided computer and software. For use with SCx5xx MCU's only.	995.00 3 1.36	995.00 995.00 995.00

Link 150 M3 Master Control Units (MCU)

The Link 150 M3 master control unit (MCU) is a compact modular unit designed for small installations. Provides interfaces for 16 telephone ports and 4 base stations. Up to 4 Link 150 M3 MCUs can be combined to support a max. of 64 wireless phones and 16 base stations. Note: The M3 units are not compatible with the Model-2 units when expanding a Model 2.

- Up to 64 Wireless Telephones
- Up to 16 Base Stations
- Up to 32 Simultaneous calls
- Covers up to 1.5 million sq ft
- Uses RJ-11 jacks
- Power: 120VAC
- High Speed digital base station interface
- Requires 22/24ga two pair cable
- Dimensions: 9" x 8.4" x 2.8"
- Front Panel Administration
- More Universal interfaces than the Model 2
- Not compatible to expand existing model 2 installations
- Has ability to select PBX type
- Software can be updated remotely via the MCU's internal modem

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
89467 1 EACH	SpectraLink SCA516 1 year	Link 150 M3 Master Control Unit with 16 analog line interfaces.	2,995.00 2.5 1.14	2,995.00 2,995.00 2,995.00

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
89522 1 EACH	SpectraLink SCF516 1 year	Link 150 M3 Master Control Unit with 16 interfaces. Use with 4 Wire Lucent Definity, and Merlin Legend PBX systems.	2,995.00 2.5 1.14	2,995 2,995 2,995
89530 1 EACH	SpectraLink SCX516 1 year	Link 150 M3 Master Control Unit with 16 interfaces. Use with Mitel SX-seriesPBX systems.	3,395.00 2.5 1.14	3,395 3,395 3,395

Link 3000 Master Control Units (MCU)

Link 3000 Master Control Unit Shelf carries System Cont ler or Expansion Shelf Controller and up to 10 Inteface M ules. Each shelf has 12 card slots. Shelves are designed for 19" rack or wall mounting. All wiring except for power is connected to the front face of the cards. Requires -48 V power.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
49160 1 EACH	SpectraLink MCS300 1 Year	Link 3000 Shelf. 12 slots. Rack or wall mountable. Requires -48 VDC.	2,795.00 5 2.27	2,795 2,795 2,795
49154 1 EACH	SpectraLink MKA320 1 Year	Link 3000 Administration Kit with modem. Includes System documentation and User Training CD, administration software, ESD ground kit, and modem. *Must be	890.00 2.5 1.14	890. 890. 890.

Link 3000 System Controllers

SpectraLink Wireless@work

One System Controller must be ordered per complete Li 3000 system. System Controllers provide control and cal routing services. The System Controller contains shelf co troller functionality to support the first shelf. It can then connected to Expansion Shelf Controllers in up to 19 other shelves via inter-shelf links. Two 232 ports are provided for local and remote (modem-based) system administration and diag tics, OAI applications, or call detail recording. Controllers reside in slots 1 and 2 of Link 300 shelves.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
49173 1 EACH	SpectraLink CSC301 1 Year	Single Shelf Controller for Link 3000. No RJ-21 connector for inter-shelf links.	7,895.00 5 2.27	7,895 7,895 7,895
49177 1 EACH	SpectraLink CSC320 1 Year	Link 3000 20 shelf system controller. Four RJ21 connectors for 19 inter-shelf links.	18,895.00 2.5 1.14	18,89 18,89 18,89

Link 3000 Interface Modules

SpectraLink Wireless@work

Each Interface Module contains 16 Wireless Telephone lin interfaces and 6 Base Station Interfaces. Interface Module different switch interface types may be mixed within a sh Interface Modules may be installed in slots 3-12 in a given shelf.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
NEW 13997 1 EACH	SpectraLink CPA316 1 Year	Analog Interface Module. Use with analog lines.	4,095.00 2.5 1.14	4,095 4,095 4,095
NEW 485345 1 EACH	SpectraLink CPD316 1 Year	Universal Digital Interface Module. Supports Comdial, Fujitsu, Inter-Tel, Lucent 2-wire, NEC, Nortel Norstar, Siemens, and Toshiba PBXs. Check with TESSCO for specific make/model compatibility.	4,095.00 2.5 1.14	4,095 4,095 4,095
NEW 429008 1 EACH	SpectraLink CPP316 1 Year	Panasonic Digital Interface Module. For use with Panasonic DBS PBX's.	4,095.00 2.5 1.14	4,095 4,095 4,095
NEW 28215 1 EACH	SpectraLink CPM316 1 Year	Mitel Digital Interface Module. For use with Mitel SX-Series PBX's.	4,095.00 2.5 1.14	4,095 4,095 4,095

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k 3000 Expansion & Remote Networking

SpectraLink Wireless@work

One Expansion Shelf Controller is required per Link 3000 system expansion shelf. Expansion Shelf Controllers provide control and call routing services for the expansion shelf and the connection to the primary system shelf.

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
102 CH	SpectraLink CSC300 1 Year	Expansion Shelf Controller. Supports one Expansion Shelf.	3,295.00 5 2.27	3,295.00 3,295.00 3,295.00
103 CH	SpectraLink JPI300 1 Year	Inter-Shelf Junction Panel. Required to connect expansion shelves to System Controller. Converts RJ21 to RJ45.	395.00 5 2.27	395.00 395.00 395.00

tLink SVP Server

The NetLink SVP Server provides Spectralink Voice Prioritization (SVP), the Quality of Service (QoS) mechanism for IP-based handsets. A NetLink SVP Server is required if NetLink Telephony Gateways are not used or if more than four Telephony Gateways are used. Requires TPS100A Power Supply.

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 141 CH	SpectraLink SVP100 1 Year	Netlink SVP (SpectraLink Voice Prioritization) Server. Requires TPS-100A power supply, sold separately.	1,995.00 10 4.54	1,995.00 1,995.00 1,995.00
EW 135 CH	SpectraLink TPS100A 1 Year	Power Supply for NetLink TGx Gateways and SVP100.	45.00 2 0.91	45.00 45.00 45.00

tLink 16-Port Telepony Gateways

NetLink Telephony Gateways are used to support NetLink Witeless Telephones only. The gateway connects to the Ethernet LAN through an RJ-45 connector and to the telephone switch through an RJ-21 connector. Each Wireless Telephone requires a dedicated port from the PBX or key em. An RS-232 interface is used for local or dial-up management. Requires TPS100A power ply, not included.

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 142 CH	SpectraLink TGA116	16-Port analog interface to a PBX, key system or POTS telephone lines.	3,950.00 5 2.27	3,950.00 3,950.00 3,950.00
EW 340 CH	SpectraLink TGN116	16-Port Gateway supports Nortel Meridian 1, Comdial, Fujitsu, Inter-Tel, Lucent 2-wire, NEC, Siemens, Toshiba, and others. Call for specific make/model compatibility.	4,450.00 5 2.27	4,450.00 4,450.00 4,450.00
EW 367 CH	SpectraLink TGF116	16-Port Gateway supports 4-wire Lucent Definity and Merlin PBX systems.	3,950.00 5 2.27	3,950.00 3,950.00 3,950.00
EW 162 CH	SpectraLink TGX116	16-Port Gateway supports Mitel SX-series digital PBX systems.	3,950.00 5 2.27	3,950.00 3,950.00 3,950.00

k 150 Accessories

SpectraLink Wireless@work

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 910 CH	SpectraLink MKR150 1 Year	Rack mounting kit for one MCU in a 19" rack. One kit per MCU or Telephone Gateway.	49.00 5 2.27	49.00 49.00 49.00

Phone Sets and Accessories [228-20]

Link Wireless Telephones

The Link Wireless telephone is a durable phone that operates with all the functionality of a wired desk phone. The alphanumeric display supports messaging from either telephone switching equipment or an external data application. Allows features such as transfer, conference, and hold in analog systems or more advanced features in digital systems. Each phone requires a "line appearance" port from the telephone system.

- Frequency: 902-928 MHz
- FCC Certified under part 15.247
- 100mW peak, 12.5mW avg. transmit power
- Transmits via FHSS frequency hopping spread spectrum technology
- Display: 2 x 16 character alphanumeric
- 2 hrs talk, 40 hrs standby on standard battery
- 4 hrs talk, 80 hrs standby on high capacity battery
- Dims: 5.9"L x 2.0"W x 1.0" D
- Weighs only 6 Oz.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
74366 1 EACH	SpectraLink PTB400 1 year	Wireless Phone set for use with series 400 and Link 150 systems.	619.00 0.25 0.11	619.00 619.00 619.00
63650 1 EACH	SpectraLink PTB410 1 year	Wireless Phone with vibrate feature for use with series 400 and Link 150 systems.	669.00 0.25 0.11	669.00 669.00 669.00

NetLink Wireless Telephones

NetLink IP Wireless Telephones

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
434094 1 EACH	SpectraLink PTB600 1 Year	Wireless Phone set for Netlink FH system. Battery sold separately.	749.00 0.4 0.18	749.00 749.00 749.00
NEW 487340 1 EACH	SpectraLink PTB610 1 Year	Wireless Phone set with vibrating ringer for Netlink FH system. Battery sold separately.	799.00 0.4 0.18	799.00 799.00 799.00
NEW 427342 1 EACH	SpectraLink PTB800 1 Year	Wireless Phone set for Netlink DS 802.11b-compatible system. Battery sold separately.	679.00 0.4 0.18	679.00 679.00 679.00
NEW 411209 1 EACH	SpectraLink PTB810 1 Year	Wireless Phone set with vibrating ringer for Netlink DS 802.11b-compatible system. Battery sold separately.	729.00 0.4 0.18	729.00 729.00 729.00

Battery Packs for SpectraLink Phones

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
22759 1 EACH	SpectraLink PTS330 1 Year	NiCD battery for use with PTB3xx and PTB4xx phone sets only. 2 hrs talk time, 40 hr standby.	59.00 0.4 0.18	59.00 59.00 59.00
50436 1 EACH	SpectraLink PTS360 1 Year	High Capacity NiMH Battery Pack for all handsets. 4 hrs talk time, 80 hr standby.	76.00 0.2 0.09	76.00 76.00 76.00

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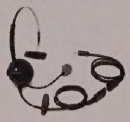
Battery Chargers for SpectraLink Phones

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
412029 1 EACH	SpectraLink PTC400 1 Year	Two-Hour Dual Desktop charging stand for phone and PTS360 NiMH battery. Power supply QPS100A must be ordered separately.	94.00 0.25 0.11	94.00 94.00 94.00
37222 1 EACH	SpectraLink PTQ360 1 Year	Battery Pack 1 Hour Quick Charger for NiCD and NiMH batteries. Automatic battery conditioning and test features. Requires QPS100A power supply, not included.	194.00 0.4 0.18	194.00 194.00 194.00
NEW 431047 1 EACH	SpectraLink QPS100A 1 Year	Power Supply for Chargers and other accessories.	5.00 0.65 0.3	5.00 5.00 5.00

Headsets for SpectraLink Phones



Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
61152 1 EACH	SpectraLink PTH100 1 Year	Noise Cancelling Headset. Over-the-head design, includes clothingclip and quick disconnect.	199.00 0.35 0.16	199.00 199.00 199.00
99545 1 EACH	SpectraLink PTH200 1 year	Over-the-ear headset. includes clothing clip and quick disconnect.	199.00 0.35 0.16	199.00 199.00 199.00

Carrying Options for SpectraLink Phones

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 74833 1 EACH	SpectraLink PTO410 1 Year	Spring loaded plastic clothing clip with attached plastic coiled cord lanyard.	19.00 0.05 0.02	19.00 19.00 19.00
29728 1 EACH	SpectraLink PTO310 1 Year	Nylon Cloth Carry Pouch with belt loop and removable shoulder strap. Recommended for office environments.	49.00 0.4 0.18	49.00 49.00 49.00
42942 1 EACH	SpectraLink PTO320 1 Year	Nylon Hands Free Pouch. Allows phone set to be used hands free when used with a headset.	25.00 0.4 0.18	25.00 25.00 25.00
88829 1 EACH	SpectraLink PTO335 1 Year	Vinyl Carry case with spring-steel belt clip and detachable plastic coiled-cord lanyard.	35.00 0.16 0.07	35.00 35.00 35.00
68121 1 EACH	SpectraLink PTO340 1 Year	Vinyl Carry case with spring-steel belt clip, detachable plastic coiled-cord lanyard, and plastic keypad cover.	35.00 0.4 0.18	35.00 35.00 35.00
16514 1 EACH	SpectraLink PTO345 1 Year	Yellow Vinyl Carry Case with spring-steel belt clip and detachable plastic coiled cord lanyard.	45.00 0.4 0.18	45.00 45.00 45.00
NEW 417338 1 EACH	SpectraLink PTO350 1 Year	Yellow Vinyl Carry Case with spring-steel belt clip, detachable plastic coiled cord lanyard, and plastic keypad cover.	45.00 0.4 0.18	45.00 45.00 45.00

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RF Power Amp, Lowband & VHF [030-20]

If you are buying these, you may need:

Power Supplies, Table Top . . . . . page 596
Power Supplies, Rack Mounted . . . . . page 591
Power Meters. . . . . page 1421
Extension Cords, Outlet Strips . . . . . page 1662
Wire Connectors. . . . . page 1732

epeater Amplifer

Repeater amp designed for continuous duty operation. RELAY NOT INCLUDED BUT IS AVAILABLE*. Powered by 11-15 Vdc, negative ground. 19" heat sink panel.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Power Input (Watts) Power Output (Watts)	Frequency MHz Options	Connectors Current Draw (Amps)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
)935 ACH	TPL PA1-3CF-HMS 2 years	8-15 Watts 300 Watts	35-50 Mhz	N/f 15	5,925.00 46 20.91	4,266.00 4,147.50 4,029.00
116 ACH	TPL PA1-3DF-HMS 2 years	15-25 Watts 300 Watts	35-50 Mhz	N/f 15	5,925.00 46 20.91	4,266.00 4,147.50 4,029.00
'442 ACH	TPL PA3-1DE-RXRF 2 Year	8-15 80-120	150-174 Fan	N/f 16	1,151.80 10.93 4.97	875.36 812.02 794.74
193 ACH	TPL PA3-1FE-RXRF 2 Year	15-25 80-120	150-174 Fan	N/f 14	1,082.15 10.76 4.89	822.43 762.91 746.68
621 ACH	TPL PA3-1FE-RXRF-COR 2 Year	15-40 80-120	150-174 Fan, Mechanical relay	N/f 14	1,153.60 10.35 4.7	876.72 813.27 795.97
014 ACH	TPL PA3-1FE-RXRF-PS 2 Year	15-40 80-120	150-174 Fan, Pwr Supply	N/f 14	1,509.45 42 19.09	1,147.16 1,064.14 1,041.50

MS Series Ampflifers

32800

LMS medium power repeater amps feature temperature/SWR/ low power protection, local monitoring of 12 test points using panel's meter and outputs for remote monitoring. 19" MSY-compatible rack mount.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Power Input (Watts) Power Output (Watts)	Frequency MHz Options	Connectors Current Draw (Amps)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
2800 ACH	TPL PA1-1CF-LMS 2 Year	5-15 100	35-50 3 fans, 110/220V pwr supply	BNC/f in, N/f out 4	2,110.75 20 9.09	1,519.72 1,477.50 1,435.29
193 ACH	TPL PA1-1FE-LMS 2 Year	10-30 100	35-50 3 fans, 110/220V pwr supply	BNC/f in, N/f out 4	2,225.00 20 9.09	1,602.00 1,557.50 1,513.00
586 ACH	TPL PA3-1EE-LMS 2 Year	250-500 mW 150	136-174 3 fans, 110/220V pwr supply	BNC/f in, N/f out 4	2,562.50 20 9.09	1,845.00 1,793.75 1,742.50
'979 ACH	TPL PA3-1AE-LMS 2 Year	2.5-5 150	136-174 3 fans, 110/220V pwr supply	BNC/f in, N/f out 4	2,348.25 20 9.09	1,690.72 1,643.75 1,596.79
372 ACH	TPL PA3-1DE-LMS 2 Year	10-20 100	136-174 3 fans, 110/220V pwr supply	BNC/f in, N/f out 4	2,426.80 20 9.09	1,747.29 1,698.76 1,650.22
765 ACH	TPL PA3-1FE-LMS 2 Year	25-50 150	136-174 3 fans, 110/220V pwr supply	BNC/f in, N/f out 4	2,173.25 20 9.09	1,564.72 1,521.25 1,477.79

Crescend Lowband/VHF Amps

413389

Crescend Amplifiers are broadbanded across the desired frequency band and are designed for continuous duty operation. All of crescends amps come with a 3 year warranty.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Power Input (Watts) Power Output (Watts)	Frequency MHz Options	Connectors Current Draw (Amps)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **413389** 1 EACH	Crescend Technologies, LLC P10-XXAC1-C1-001 3 years	1-10 Watts 100 Watts	42-50 Mhz	N/Female 22-28 Amperes	1,417.00 46 20.91	1,417.00 1,395.75 1,374.49
NEW **437388** 1 EACH	Crescend Technologies, LLC P10-XXAC1-C1-001 3 years	20-50 Watts 100 Watts	42-50 Mhz	N/Female 22-28 Amperes	1,287.00 46 20.91	1,287.00 1,267.70 1,248.39
NEW **486374** 1 EACH	Crescend Technologies, LLC P10-XXEA1-C1-001 3 years	10-50 Watts 100 Watts	152-162 Mhz	N/Female 24-35 Amperes	1,287.00 46 20.91	1,287.00 1,267.70 1,248.39

RF Power Amp, UHF [030-30]

If you are buying these, you might need:

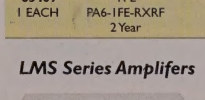
Power Supplies, Table Top . . . . . page 596
Power Supplies, Rack Mounted. . . . . page 591

Repeater Amplifiers

Repeater amp designed for continuous duty operation. RELAY NOT INCLUDED BUT IS AVAILABLE*. Powered by 11-15 Vdc, negative ground. 19" heat sink panel.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Power Input (Watts) Power Output (Watts)	Frequency MHz Options	Connectors Current Draw (Amps)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
61372 1 EACH	TPL PA6-1AE-RXRF 2 Year	1-4 70-100	450-470 Fan	N/f 20	1,450.00 8 3.64	1,102.00 1,022.25 1,000.50
74586 1 EACH	TPL PA6-1AE-RXRF 2 Year	1-4 70-100	470-490 Fan	N/f 20	1,450.00 8 3.64	1,102.00 1,022.25 1,000.50
94943 1 EACH	TPL PA6-1BE-RXRF 2 Year	8-15 70-100	450-470 Fan	N/f 16	1,339.30 8 3.64	1,017.86 944.20 924.11
69764 1 EACH	TPL PA6-1BE-RXRF-PS 2 Year	8-15 70-100	450-470 Fan, Pwr supply	N/f 16	1,766.10 15 6.82	1,271.57 1,236.25 1,200.93
56550 1 EACH	TPL PA6-1BE-RXRF-COR 2 Year	8-15 70-100	450-470 Fan, relay incl.*	N/f 16	1,435.75 8 3.64	1,091.15 1,012.19 990.65
65469 1 EACH	TPL PA6-1FE-RXRF 2 Year	25-40 60-100	450-470 Fan	N/f 15	1,171.45 8 3.64	890.29 825.86 808.29

LMS Series Amplifers



83158

LMS medium power repeater amps feature temperature/SWR/ low power protection, local monitoring of 12 test points using panel's meter and outputs for remote monitoring. 19" MSY-compatible rack mount.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Power Input (Watts) Power Output (Watts)	Frequency MHz Options	Connectors Current Draw (Amps)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
83158 1 EACH	TPL PA6-1EE-LMS 2 Year	100-250 mW 100	400-512 2 fans, 110/220V pwr supply	BNC/f in, N/f out 4	2,707.15 20 9.09	1,949.15 1,895.00 1,840.86

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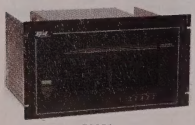
Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Power Input (Watts) Power Output (Watts)	Frequency MHz Options	Connectors Current Draw (Amps)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
31551 1 EACH	TPL PA6-1AE-LMS 2 Year	1-4 100	400-512 2 fans, 110/220V pwr supply	BNC/f in, N/f out 4	2,610.75 20 9.09	1,879.72 1,827.50 1,775.29
69944 1 EACH	TPL PA6-1BE-LMS 2 Year	8-15 100	400-512 2 fans, 110/220V pwr supply	BNC/f in N/f out 4	2,525.00 20 9.09	1,818.00 1,767.50 1,717.00
18337 1 EACH	TPL PA6-1FE-LMS 2 Year	25-40 100	400-512 2 fans, 110/220V pwr supply	BNC/f in N/f out 4	2,439.30 20 9.09	1,756.29 1,707.51 1,658.72

HMS Series Amplifiers



59851

HMS high power repeater amps feature temperature/SWR/low power protection, local monitoring of 12 test points using panel's meter, and outputs for remote monitoring. 19" MSY-compatible rack mount.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Power Input (Watts) Power Output (Watts)	Frequency MHz Options	Connectors Current Draw (Amps)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
70267 1 EACH	TPL PA6-2EF-HMS 2 Year	80-200 mW 300	406-512 3 fans, pwr supply	N/f 4-15 amps	7,221.45 46 20.91	5,488.29 5,091.11 4,982.79
59851 1 EACH	TPL PA6-2BF-HMS 2 Year	5-12 300	406-512 3 fans, pwr supply	N/f 8	6,875.00 46 20.91	4,950.00 4,812.50 4,675.00
36628 1 EACH	TPL PA6-2GF-HMS 2 Year	20-45 300	406-512 3 fans, pwr supply	N/f 8	7,346.45 46 20.91	5,289.43 5,142.51 4,995.58

Crescend UHF Amps

440392

Crescend UHF Amps are broadbanded acrossed the frequency band and are designed for continuous duty. Customer must indicate the input power for each amplifier.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Power Input (Watts) Power Output (Watts)	Frequency MHz Options	Connectors Current Draw (Amps)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 440392 1 EACH	Crescend Technologies, LLC P10-XXHA1-C3-001 3 Years	1-10 Watts 100 Watts	450-470 N/A	N-female 16-26 Amperes	1,553.50 46 20.91	1,553.50 1,530.20 1,506.90
NEW 484351 1 EACH	Crescend Technologies, LLC P15-XXHA1-C1-001 3 Years	20-50 Watts 100 Watts	450-470 N/A	N-female 24-35 Amperes	2,327.00 46 20.91	2,327.00 2,292.10 2,257.19

RF Power Amp, 800 MHz [030-40]

If you are buying these, you might need:

Power Supplies, Table Top . . . . . page 596
Power Supplies, Rack Mounted . . . . . page 591

Repeater Amplifiers

43336

Repeater amp designed for continuous duty operation. RELAY NOT INCLUDED BUT IS AVAILABLE*. Powered by 11-15 Vdc, negative ground. 19" heat sink panel.

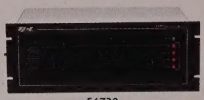
Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Power Input (Watts) Power Output (Watts)	Frequency MHz Options	Connectors Current Draw (Amps)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
81729 1 EACH	TPL PA8-1AC-RXRF 2 Year	1-5 35-75	806-869 Fan	N/f 16	1,889.30 14 6.36	1,435.86 1,331.95 1,303.61

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Power Input (Watts) Power Output (Watts)	Frequency MHz Options	Connectors Current Draw (Amps)	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
43336 1 EACH	TPL PA8-1DD-RXRF-PS 2 Year	5-15 60-80	806-869 Fan, Pwr Supply	N/f 18	2,391.10 40 18.18	1,817 1,685 1,649
21730 1 EACH	TPL PA8-1FD-RXRF-PS 2 Year	20-40 60-80	806-869 Fan, Pwr Supply	N/f 14	2,132.60 40 18.18	1,620 1,503 1,471

LMS Series Amplifiers

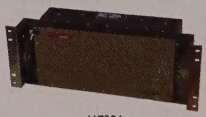


56730

LMS medium power repeater amps feature temperature/SV low power protection, local monitoring of 12 test points us panel's meter and outputs for remote monitoring. 19" MSY- compatible rack mount.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Power Input (Watts) Power Output (Watts)	Frequency MHz Options	Connectors Current Draw (Amps)	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
56730 1 EACH	TPL PA8-1ED-LMS 2 Year	50-150 mW 80	806-869 2 fans, 110/220V pwr supply	BNC/f in, N/f out 4	3,371.45 20 9.09	2,42 2,36 2,29
95123 1 EACH	TPL PA8-1AC-LMS 2 Year	2-5 80	806-869 2 fans, 110/220V pwr supply	BNC/f in, N/f out 4	3,026.80 20 9.09	2,17 2,11 2,05
43516 1 EACH	TPL PA8-1DD-LMS 2 Year	5-15 80	806-869 2 fans, 110/220V pwr supply	BNC/f in, N/f out 4	2,982.15 20 9.09	2,14 2,08 2,02
81909 1 EACH	TPL PA8-1FD-LMS 2 Year	20-35 80	806-869 2 fans, 110/220V pwr supply	BNC/f in, N/f out 4	2,810.75 20 9.09	2,02 1,96 1,91

Crescend 800Mhz Amps



467396

Crescend 800 mhz Amps are Broadbanded and are designe continuous duty. Customer must indicate what required in power is needed.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Power Input (Watts) Power Output (Watts)	Frequency MHz Options	Connectors Current Draw (Amps)	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW 467396 1 EACH	Crescend Technologies, LLC P9-XXK1-C3-001 3 Year	10-50 Watts 80 Watts	850-866 N/A	N-female 24-29 Amperes	1,625.00 46 20.91	1,62 1,60 1,57
NEW 414394 1 EACH	Crescend Technologies, LLC P15-XXK1-C1-001 3 Year	10-50 Watts 150 Watts	850-866 N/A	N-female 24-35 Amperes	2,327.00 20 9.09	2,32 2,29 2,25
NEW 420369 1 EACH	Crescend Technologies, LLC K100-XX-28-C11 3 Year	.25-20 Watts 100 Watts	850-866 N/A	N-female 14 Amperes	1,885.00 15 6.82	1,88 1,85 1,82
NEW 488389 1 EACH	Crescend Technologies, LLC P9-XXL1-C3-001 3 Year	.25-10 Watts 80 Watts	928-942 N/A	N-female 24-29 Amperes	1,716.00 20 9.09	1,71 1,69 1,66

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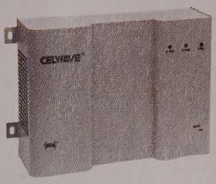
In-Building Amplifiers, Repeaters

ging System tenders 57-10]

	Grayson Electronics PR911XB
uct Narrative	Single channel paging repeater. Transparent to all paging formats. Local/remote control andprogramming. Relays are present to trigger on receipt of set capcode. Transparent to all Paging formats, for instant intergration into any 900 MHz paging network, including FLEX. Includes 800mAh battery backup.
	PageThru Paging Repeater
uency lwidth (MHz)	929-932 MHz 25 kHz (1 Ch.)
er Output er Input (dB) ctionality	0.1-2.0 W -80 to -30 dBm 113 Unidirectional
nna Isolation ctivity t Intercept mum Deviation out Adjustment Range ramming Method	10 dB > Ant. Gain 60 dB @25 kHz +6 dBm 5 kHz 13 dB With PC (Disk Incl.)
er nting nector	113 dB Max. Rack/Wall/Desk Mt. N Female
ranty	1.75" x 17" x 12" 1 Year
SCO Part No.	16563 NEW
Price: T-1 Price:	$2,100.00 $1,680.00
lb.: T-2 Price:	7 lb. $1,575.00
kg.: T-3 Price:	3.18 kg. $1,543.50

Cellular/Trunking Extenders [457-20]

	Manufacturer Table	RFS Celwave 48751	RFS Celwave 48610
			
Product Narrative		FCC certified for use by cellular service providers, this unit improves coverage in RF isolated areas. Enhanced filtering allows the use of the entire B band while attenuating the A band. A handheld performance monitor is included to provide complete diagnostics.	Microcell bidirectional amp for full cellular band. Digital compat. Alarm interface.
Type Band		Bidirectional Cellular B Enhanced	Microcell BDA Cellular A and B
Amplifier Type Gain (dB) Gain Flatness (dB /-) Max Total Input Power (dBm) Min. Input Power/Channel (dBm)		Linear 80 dB +/- 1 -30 dBm -95 dBm	Linear 53 1.5 dB -10 dBm Not Specified
Output Power for 1 channel Output Power for 8 channels Output Power for 20 channels Output Power for 32 channels Max. Number of Channels Input		30 18 12.7 10 40	30 18 12 1 16
Noise Figure (dB) 1 dBm Compression Point (dBm) 3rd Order Intercept (dBm) Propogation Delay (uS)		9 dB 45 dBm < 3 uS	6.5 N/A +47 1.0
Automatic Gain Control AGC Attenuation (dB) Manual Attenuation (dB)		 15 dB	Output Limit 15 dB 10 dB
Power Required Mounting Connector Size Warranty		120/240 VAC Wall Mount N Female 13.5" x 18.5" x 7.3" 2 year	120 VAC Wall mount N Female 11.6x8.8x3.5" 1 yrs.
TESSCO Part No.		495099 Cellular B	56080 Cellular A and B
List Price: T-1 Price:		Enhanced	$5,660.00 $4,318.58
Ship lb.: T-2 Price:		$14,800.00 $11,292.40	15 lb. $4,245.00
Ship kg.: T-3 Price:		40 lb. $11,100.00	6.82 kg. $4,131.80
		18.18 kg. $10,804.00	

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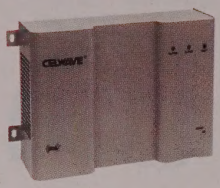
Cellular/Trunking Extenders [457-20]

Manufacturer Table	RFS Celwave 48620	Cellular Specialties CSI-BDA610-AF	Cellular Specialties CSI-BDA610-PF	Cellular Specialties CSI-BDA610-S8
				
Product Narrative	Microcell bidirectional amp for SMR (806-866 MHz). Digital-compat. Alarm interface.	The Model 610 Hi-Power /Hi-gain In building Amplifier provides amplification of both uplink and downlink wireless signals in facilites located within reasonable proximity of cell sites. These robust units are ideal for in-building wireless applications that require high output power to drive extensive coax systems and/or high gain to amplify low signal levels at the donor antenna location.	The Model 610 Hi-Power /Hi-gain In building Amplifier provides amplification of both uplink and downlink wireless signals in facilites located within reasonable proximity of cell sites. These robust units are ideal for in-building wireless applications that require high output power to drive extensive coax systems and/or high gain to amplify low signal levels at the donor antenna location.	The Model 610 Hi-Power /Hi- In building Amplifier provides amplification of both uplink an downlink wireless signals in fac located within reasonable pro ity of cell sites. These robust are ideal for in-building wirele applications that require high put power to drive extensive systems and/or high gain to an low signal levels at the donor antenna location. All units co standard with monitoring featu
Type Band	Microcell BDA 800 MHz SMR	Bi-Directional Cellular Full Band	AMPS PCS Full Band	Bi-Directional SMR800
Amplifier Type	Linear	Linear	Linear	Linear
Gain (dB)	53 dB	80 dB Nominal	80 dB Nominal	80 dB Nominal
Gain Flatness (dB /-)	1.5 dB	+/- 1.5	+/- 1.5	+/- 1.5
Max Total Input Power (dBm)	-10 dBm	+10	+10	+10
Min. Input Power/Channel (dBm)	Not Specified	N/A	N/A	N/A
Output Power for 1 channel	30	30.6	26 dBm	30.6
Output Power for 8 channels	18	18.6	14 dBm	18.6
Output Power for 20 channels	12	13.3	8.7 dBm	13.3
Output Power for 32 channels	10	10.6	6 dBm	10.6
Max. Number of Channels Input	40	N/A	N/A	N/A
Noise Figure (dB)	6.5	4.5	5	4.5
1 dBm Compression Point (dBm)	N/A	+39 dBm	34 dBm	+39 dBm
3rd Order Intercept (dBm)	+47	+52	+45	+52 dBm
Propogation Delay (uS)	1.0	<1	< 1	<1
Automatic Gain Control	Output Limit	Yes	Yes	Yes
AGC Attenuation (dB)	15 dB	>15	20 dB	>15
Manual Attenuation (dB)	10 dB	28 dB	28 dB	28 dB
Power Required	120 VAC	120 VAC @ 1.3ft	120 VAC @ 1.3ft	120 VAC @ 1.3 ft
Mounting	Wall mount	Wall mount	Wall mount	Wall mount
Connector	N Female	N Female	N Female	N Female
Size	11.6x8.8x3.5"	16"x10"x6"	16"x10"x6"	16"x10"x6"
Warranty	1 year	1 Year	1 Year	1 Year
TESSCO Part No.	**99576** 800 MHz SMR	**452391** NEW Cellular Full Band	**418341** NEW PCS Full Band	**476309** NEW SMR800
List Price: T-1 Price:	$5,660.00 $4,318.58	$8,112.00 $6,238.13	$9,984.00 $7,677.70	$8,112.00 $6,238.1
Ship lb.: T-2 Price:	16.86 lb. $4,245.00	5.5 lb. $5,791.97	5.5 lb. $7,128.58	5.5 lb. $5,791.9
Ship kg.: T-3 Price:	7.66 kg. $4,131.80	2.50 kg. $5,410.71	2.50 kg. $6,659.33	2.50 kg. $5,410.7

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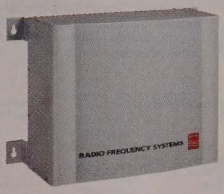
In-Building Amplifiers, Repeaters

Celwave 50	RFS Celwave 48710
	
Certified for use by service viders to improve coverage in isolated areas. Enhanced filter- llows the use of the entire d while attenuating the competi- band. It can accommodate dreds of analog and digital sub- bers in installations of up to a million square feet or five miles doors.	FCC Certified for use by service providers to improve coverage in RF isolated areas. Enhanced filtering allows the use of the entire band while attenuating the competitive band. It can accommodate hundreds of analog and digital subscribers in installations of up to a half million square feet or five miles outdoors.
rectional ular A Enhanced	Bidirectional SMR
ar IB dBm dBm	Linear 80 dB +/-1 -26dBm -95 dBm
 Specified Specified Specified	+30 +45 Not Specified Not Specified Not Specified
3 Specified IBm uS	3 dB Not Specified 45 dBm < 1 uS
  IB	NA 15 15 dB
/240 VAC l Mount emale " x 18.5" x 7.3" ar	120/240 VAC Wall Mount N Female 13.5" x 18.5" x 7.3" 1 year
0032 Cellular A anced ,800.00 $11,292.40 b. $11,100.00 8 kg. $10,804.00	497342 NEW SMR $8,800.00 $6,714.40 35 lb. $6,600.00 15.91 kg. $6,424.00

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Small Area Bi-Directional Amplifiers [457-25]

If you are buying these, you might need:

Power Supplies, Table Top . . . . . page 596
Braided Coaxial Cables . . . . . page 394
Power Supplies, Rack Mounted . . . . . page 591
Tool Kits, Complete . . . . . page 1523
Wrenches . . . . . page 1581
Cable Ties . . . . . page 1745
Spectrum Analyzers . . . . . page 1403

SMR Band Bi-Directional Amps

94371

Inddor Bi-Directional Amplifiers for use with SMR systems

- Wall Mounted
- External Antenna Port
- TNC Female Connector
- Includes Power Supply
- Indoor Anti-Shock metal enclosure
- SKU 55114 includes Donor Antenna and Indoor Antenna

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Gain (dB) Composite Output Power (U/L) Connector	Type Band Bandwidth -factory set	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
94371 1 EACH	Mikom TPA7560100M 1 Year	50dB Nominal 20dBM TNC Female	Bi-Directional Amp 811-821/856-866 SMR Band 10 MHz	2,769.00 5 2.27	2,215.20 2,145.98 2,076.75
48285 1 EACH	Mikom TPA7510150M 1 Year	50dB Nominal 20dBM TNC Female	Bi-Directional Amp 806-821/851-866 SMR Band 15 MHz	2,769.00 5 2.27	2,215.20 2,145.98 2,076.75
55114 1 EACH	Antenna Specialists ASPA9806-50 1 Year	50dB Nominal 20dBM TNC Female	Bi-Directional Amp 806-821/851-866 SMR Band 15 MHz	2,665.00 5 2.27	2,132.00 2,065.38 1,998.75

Cellular Band Bi-Directional Amps

Bi-Directional Indoor amplifiers for use with cellular systems.

- Works with Digital or Analog systems
- Wall Mounted
- Extenral Antenna Port
- Includes Power Supply
- Indoor- Anti-shock metal enclosure
- TNC Female Connector
- SKU 55168 inckudes Donor Antenna and Indoor Antenna

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Gain (dB) Composite Output Power (U/L) Connector	Type Band Bandwidth -factory set	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
55168 1 EACH	Antenna Specialists ASPD9824-50 1 Year	50dB Nominal 20dBM N Female	Bi-Directional Amp 824-849/851-896 Cellular Band 72 MHz	2,665.00 5 2.27	2,132.00 2,065.38 1,998.75
16336 1 EACH	Mikom TPA8690110M 1 Year	50dB Nominal 20dBM TNC Female	Bi-Directional Amp 824-835/869-880 A Band 11 MHz	2,769.00 5 2.27	2,215.20 2,145.98 2,076.75
54729 1 EACH	Mikom TPA8690225M 1 Year	50dB Nominal 20dBM TNC Female	Bi-Directional Amp 824-846.5/ 869-891.5 22.5 MHz	2,769.00 3.8 1.73	2,215.20 2,145.98 2,076.75
66694 1 EACH	Mikom TPA8800100M 1 Year	50dB Nominal 20dBM TNC Female	Bi-Directional Amp 835-845/880-890 B Band 10 MHz	2,769.00 5 2.27	2,215.20 2,145.98 2,076.75

Cellular Specialties 110 Series

23230

The model 110 In-Building Amplifier provides amplification of both u and downlink wireless signals in areas with moderate to strong signa els outside. The 110 amplifier is designed to provide wireless covera smaller facilities with up to 10,000 square feet of required coverage a Typical facilites include: offices, small warehouses, homes, basements, other shielded structures.

- Works with Both Digital and Analog systems
- Includes Power Supply
- External Antenna Port
- Wall Mountable

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Gain (dB) Composite Output Power (U/L) Connector	Type Band Bandwidth -factory set	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
23230 1 EACH	Cellular Specialties 110 1 Year	40 dB Nominal 25 dBm N Female	SMR 800 Bi-Directional Amplifier 806-824/851-869 15 MHz	750.00 1.98 0.9	57 53 50
56595 1 EACH	Cellular Specialties 110A 1 Year	40 dB Nominal 25 dBm N Female	Cellular Full Band In-building Amplifier 824-849/869-894 MHz 25 MHz	840.00 3 1.36	64 59 56
NEW 488190 1 EACH	Cellular Specialties 110PB 1 Year	40 dB Nominal 20 dBm N Female	PCS B & E Bi-Directional Amplifier 1870-1890 RX & 1950-1970 TX MHz (chnls B & E) 15 MHz	1,000.00 3 1.36	82 80 79
56599 1 EACH	Cellular Specialties 110PA 1 Year	40 dB Nominal 20 dBm N Female	PCS A & D Bi-Directional Amplifier 1850-1870/1930-1950 15 MHz	1,190.00 2.02 0.92	91 84 79
NEW 448155 1 EACH	Cellular Specialties 110PC 1 Year	40 dB Nominal 25 dBm N Female	PCS Bi-Directional Amplifier 1890-1910/1970-1990 15 MHz	1,190.00 2.02 0.92	91 84 79

Cellular Specialties 120 Series

434164

480042

The Model 120 In-Line Ampl provides amplification of bo uplink and downlink wireles nals in facilities where an ex sion of the wireless coverag from a primary amplifier is needed. This unit is used in coaxial solutions to boost o gain or to compensate for e sive loss due to long coaxial runs. Implemented correctl Model 120 can also help re uplink system noise.

- Wall Mountable
- N-Female Connectors

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Gain (dB) Composite Output Power (U/L) Connector	Type Band Bandwidth -factory set	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 428374 1 EACH	Cellular Specialties 120PB 1 Year	20 dB Nominal 20 dBm N Female	PCS B & E In-Line Power Amplifier 1870-1890/1950-1970 MHz 20 MHz	800.00 1 0.45	61 57 53
NEW 434164 1 EACH	Cellular Specialties 120A 1 Year	20 dB Nominal 25 dBm N Female	Cellular Full Band In-Line Power Amplifier 824-849/869-894 MHz 25 MHz	800.00 1 0.45	61 57 53
480042 1 EACH	Cellular Specialties 120 1 Year	20 dB Nominal 25 dBm N Female	SMR 800 In-Line Power Amplifier 806-824/851-869 MHz 15 MHz	800.00 1 0.45	61 57 53
NEW 416355 1 EACH	Cellular Specialties 120PA 1 Year	20 dB Nominal 20 dBm N Female	PCS A & D In-Line Power Amplifier 1850-1870/1930-1950 MHz 20 MHz	800.00 1 0.45	61 57 53
NEW 441367 1 EACH	Cellular Specialties 120PC 1 Year	20 dB Nominal 20 dBm N Female	PCS C & F In-Line Power Amplifier 1890-1910/1970-1990 MHz 20 MHz	800.00 1 0.45	61 57 53

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llular Specialties 510 Series

The Model 510 In-Building Amplifier provodies amplification of both uplink and downlink wireless signals in facilites located within coverage of cell sites.

ical Applications:
king Garages
arehouses
emenents
elded Structures
tal Buildings
fice Complexes

- Campus Environments
- Hospitals
- Convention Centers
- Wall Mountable
- External Antenna Port
- Includes Power Supply
- Optional Monitoring Capabilites

t No. /Uom	Manufacturer Mfg. P/N Warranty	Gain (dB) Composite Output Power (U/L) Connector	Type Band Bandwidth -factory set	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 1363 ACH	Cellular Specialties CSI-MHH 1 Year	N/A Uplink/Downlink reads RF power output DB-15 Male, rear panel	Indicates composite power level for both uplink and downlink signals. N/A N/A	550.00 0.2 0.09	422.95 392.70 366.85
EW 2368 ACH	Cellular Specialties CSI-510AB 1 Year	62 dB Nominal 27 dBm N Female	Cellular B Bi-directional Amplifier 835-849/880-894 14 MHz	3,590.00 3 1.36	2,760.71 2,563.26 2,394.53
EW 5352 ACH	Cellular Specialties 510AA 1 Year	62 dB Nominal 27 dBm N Female	Cellular A Bi-directional Amplifier 824-835/869-880 MHz 11 MHz	3,590.00 3 1.36	2,760.71 2,563.26 2,394.53
EW 4372 ACH	Cellular Specialties CSIBDA510S9 1 Year	62 dB Nominal 25 dBm N Female	SMR 900 Bi-directional Amplifier 896-901/ 935-940 MHz 5 MHz	4,300.00 15 6.82	3,306.70 3,070.20 2,868.10
EW 7146 ACH	Cellular Specialties 510AU 1 Year	62 dB Nominal 27 dBm N Female	Cellular Full Band Bi-Directional Amplifier 824-849/869-894 MHz 25 MHz	3,590.00 3 1.36	2,760.71 2,563.26 2,394.53
3114 ACH	Cellular Specialties 510PB 1 Year	62 dB Nominal 22 dBm N Female	PCS B & E Bi-Directional Amplifier 1870-1890/ 1950-1970 MHz 20 MHz	3,700.00 3 1.36	2,845.30 2,641.80 2,467.90
EW 6328 ACH	Cellular Specialties 510SP 1 Year	62 dB Nominal 27 dBm N Female	SMR 800 Full Band Bi-directional Amplifier 806-824 RX / 851-869 TX MHz 18 MHz	3,700.00 15 6.82	2,845.30 2,641.80 2,467.90
EW 4145 ACH	Cellular Specialties 510PBDE 1 Year	62 dB Nominal 22 dBm N Female	PCS B,D & E Bi-Directional Amplifier 1865-1890/1945-1970 MHz 25 MHz	3,700.00 3 1.36	2,845.30 2,641.80 2,467.90
2024 ACH	Cellular Specialties 510S 1 Year	62 dB Nominal 27 dBm N Female	SMR 800 IDEN Bi-Directional Amplifier 806-821/851-866 MHz 15 MHz	3,590.00 15 6.82	2,760.71 2,563.26 2,394.53

ellular Specialties Model 150 Series

the CSI model 150 in-building amplifier, featuring 50 dB of gain, is the perfect solution for small office/ home office installations. this easy to install BDA, was designed for placement on a desk or counter top but can also be wall mounted if preferred.

dB Gain
00 ns Propagation Delay

- Noise Figure 6dB

t No. /Uom	Manufacturer Mfg. P/N Warranty	Gain (dB) Composite Output Power (U/L) Connector	Type Band Bandwidth -factory set	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 0315 ACH	Cellular Specialties CSIBDA150-PF 1 Year	40 dB Nominal +22 dBm BNC Female	PCS Full Band In-Building Amplifier 180-1910/1930-1990 MHz 60 MHz	800.00 1.5 0.68	615.20 571.20 533.60

Cellular Specialties 140 Series

This easy to install BDA, was designed for placement on a desk or counter top but can aslo be wall mounted if preferred.

417302
- 40 dB Gain
- <100 ns Propagation Delay
- Noise Figure 6 dB

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Gain (dB) Composite Output Power (U/L) Connector	Type Band Bandwidth -factory set	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 427301 1 EACH	Cellular Specialties CSIBDA140-AF 1 Year	40 dB Nominal +22 dBm BNC Female	Cellular Full Band In-Building Amplifier 824-849/869-894 MHz 25 MHz	800.00 1.5 0.68	615.20 571.20 533.60
NEW 417302 1 EACH	Cellular Specialties CSIBDA140-S8 1 Year	40 dB Nominal +22 dBm BNC Female	Cellular Full Band In-Building Amplifier 806-824/851-869 MHz 18 Mhz	800.00 1.5 0.68	615.20 571.20 533.60

Wireless LAN Bi-Directional Amplifiers [457-35]

If you are buying these, you may need:

Power Supplies, Table Top . . . . . page 596
Power Supplies, Rack Mounted . . . . . page 591
Tool Kits, Complete . . . . . page 1523
Extension Cords, Outlet Strips . . . . . page 1662
Spectrum Analyzers . . . . . page 1403

902-928 MHz ISM-Band Amplifiers

Designed to extend the range of wireless radio devices. Effective with Direct sequence, or Frequency Hopping Spread Spectrum radio modems.

- Bi-Directional, Half-Duplex
- Time Division Duplex
- Noise: 3.5 dB typical
- N Female Connectors
- Direct DC Ground Lightning Protection
- Power Supply included

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Gain Output Power Receiver Gain	Frequency Freq. Response Tx Input Power	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
436022 1 EACH	Teletronics Int'l Inc. 12-101 1 Year	20 db 1 Watt nominal 14 dB typical	902-928 MHz +/- 1db over operating range 10 mW min, up to 500mW max	700.00 2 0.91	581.00 567.00 553.00
NEW 465384 1 EACH	Teletronics Int'l Inc. 12-102 1 Year	26 db 4 Watts nominal 24 dB typical	902-928 MHz +/- 1db over operating range 10 mW min, up to 500mW max	800.00 2 0.91	664.00 648.00 632.00

2.4 GHz Outdoor Amplifiers With AGC

Waterproof bi-directional pole-mounted amplifier for use with 2.4 GHz radio modems and Wireless LAN equipment. Automatic Gain Control (AGC) adjusts the Radio Frequency (RF) power output to deliver maximum power at various input levels while minimizing distortion. Remote mounting allows the amplifier to be located right next to the antenna so full transmit power is right where it is most effective. Power is supplied via the coaxial cable using the included DC power injector. The injector is placed in a convenient indoor location. ONLY FOR SALE AND USE WITH SYSTEMS CERTIFIED UNDER FCC PART 15 RULES.

- For DSSS or FHSS Radios
- Bi-Directional TDD Mode
- Power Supply and DC Injector Included
- 120 VAC Power
- Lightning Protected
- N-Type Female connectors
- Operating Temperature: - 40 C to + 70 C
- Mounting Hardware Included

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Gain Output Power Receiver Gain	Frequency Freq. Response Tx Input Power	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 410368 1 EACH	Teletronics Int'l Inc. 12-205 1 Year	up to 24 dB 500 mW (+27 dBm) 14 dB typical	2.4-2.5 GHz ISM +/- 1 dB 2.5 mW for full output, 23 dBm max	495.00 4 1.82	410.85 400.95 391.05

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Continuing product table (2 of 2)

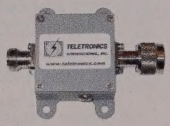
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Gain Output Power Receiver Gain	Frequency Freq. Response Tx Input Power	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 429330 1 EACH	Teletronics Int'l Inc. 12-206 1 Year	up to 24 dB 1 W (+30 dBm) 15 dB typical	2.4-2.5 GHz ISM +/- 1 dB 4 mW for full output, 23 dBm max	555.00 2.65 1.2	460.65 449.55 438.45
NEW 417388 1 EACH	Teletronics Int'l Inc. 12-213 1 Year	up to 24 dB 1 W (+30 dBm) 17 dB typical	2.4-2.5 GHz ISM +/- 1 dB 4 mW for full output, 23 dBm max	419.00 2.65 1.2	347.77 339.39 331.01

2.4/5.8 GHz Up/Down Converter

Ideal solution for places where 2.4GHz is not usable any more due to interference. Works with all brands of 2.4GHz radios without any adjustments. Built in AGC guarantees full signal power of 150mW at wide input range. Outdoor unit delivers full power right at the antenna feed.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Gain Output Power Receiver Gain	Frequency Freq. Response Tx Input Power	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 411320 1 EACH	Teletronics Int'l Inc. 13-502 1 Year	+27 dBm (5.8 GHz) 14 dB	To Antenna: 5725- 5850 MHz, To Radio: 2400 - 2500 MHz -3 to +14 dBm	1,175.00 2 0.91	975.25 951.75 928.25

Band Pass Filters



Bandpass filter blocks out-of-band interference to improve the performance of your 2.4 GHz wireless equipment.

- 2.4 - 2.5 GHz bandpass
- 3 Pole Ceramic Filter
- 3 dB Insertion Loss
- VSWR 1.17:1
- 45 dB Rejection at 1900 MHz
- 60 dB Rejection at 900 MHz

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Gain Output Power Receiver Gain	Frequency Freq. Response Tx Input Power	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 438391 1 EACH	Teletronics Int'l Inc. 17-201 1 Year		2400 - 2483.5 MHz 2400 - 2483.5 MHz	79.00 1 0.45	65.57 63.99 62.41

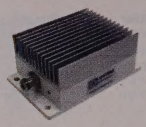
2.4 GHz Indoor Amplifiers With AGC

Waterproof bi-directional indoor amplifier for use with 2.4 GHz radio modems and Wireless LAN equipment. Automatic Gain Control (AGC) adjusts the Radio Frequency (RF) power output to deliver maximum power at various input levels while minimizing distortion. Power is supplied via coaxial DC connector using the included DC power supply. ONLY FOR SALE AND USE WITH SYSTEMS CERTIFIED UNDER FCC PART 15 RULES.

- For DSSS or FHSS Radios
- Bi-Directional TDD Mode
- Power Supply Included
- 120 VAC Power
- Lightning Protected
- N-Type Female connectors
- Operating Temperature: - 40 C to + 70 C

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Gain Output Power Receiver Gain	Frequency Freq. Response Tx Input Power	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 416346 1 EACH	Teletronics Int'l Inc. 12-212 1 Year	up to 24 dB 500 mW (+27 dBm) 14 dB typical	2.4-2.5 GHz ISM +/- 1 dB 2.5 mW for full output, +23 dBm max	365.00 1 0.45	302.95 295.65 288.35

5.8 GHz Outdoor Linear Amplifiers



Waterproof bi-directional pole-mounted amplifier for u with 5.8 GHz radio modems and Wireless LAN equipm Remote mounting allows the amplifier to be located rig next to the antenna so full transmit power is right wher most effective. Power is supplied via the coaxial cable us the included DC power injector. The injector is placed i convenient indoor location. ONLY FOR SALE AND USI WITH SYSTEMS CERTIFIED UNDER FCC PART 15 RU

- For DSSS or FHSS Radios
- Bi-Directional TDD Mode
- Power Supply and DC Injector Included
- 120 VAC Power
- Lightning Protected
- N-Type Female connectors
- Operating Temperature: - 30 C to + 70 C

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Gain Output Power Receiver Gain	Frequency Freq. Response Tx Input Power	List ($) Wt. (lbs) Wgt. (kg.)	T
NEW 495365 1 EACH	Teletronics Int'l Inc. AMP5800-10 1 Year	up to 23 dB 1 W (+30 dBm) 12 dB typical	5725-5875 MHz +/- 1 dB 0 dBm min, 20dBm max	655.00 4 1.82	54 53 51

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SCADA Spread Spectrum Transceivers [456-10]

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S iNET

The MDS iNET 900 is a long range, high speed, industrial wireless IP/Ethernet solution. It allows customers to bring business information over Ethernet or a serial gateway and onto networks. This includes mission-critical, revenue-generating data from fixed assets such as oil and gas wells, compressor stations, pipelines, fluid storage tanks and utility meters. It also enables portable network access for vehicle based operation.

- trial Grade IP/Ethernet transciever
- 928 MHz ISM band
- rage range up to 30 mi. (40 Km.)
- TNC female antenna connector
- 512/256 Kbps (user configurable)
- 1 Watt TX power

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W	Microwave Data	MICROWAVE DATA SYSTEMS iNet 900 Remote Dual	2,400.00	2,400.00
102	Systems	Gateway transceiver radio.	2.2	2,400.00
CH	INETDG		1	2,280.00

S TransNET

MDS TransNET is a flexible, high speed, compact license-free wireless solution that provides reliable long range data transportation at up to 115 kbps. The TransNET provides transparent data communications for nearly all SCADA/Telemetry protocols. Applications include SCADA, Industrial Automation, Process Control, Gas and Oil Exploration, Production and Transportation.

- kbps throughput
- strial Grade
- 928 ISM Band
- Can be used as remote, master or repeater station
- Adjustable RF power output
- RS-232 / RS485 interface

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W	Microwave Data	MDS TranNET 900 transceiver radio	1,100.00	1,100.00
103	Systems		2.2	1,100.00
CH	EL805		1	1,045.00
	1 year			

Telemetry [606-10]

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Introducing Machine-to-Machine Solutions from Nokia. The Nokia M2M Platform is an open, wireless platform that connects Internet-accessible server applications to wireless remote devices.

Nokia M2M Gateway

The Nokia M2M Gateway is middleware for establishing wireless machine-to-machine applications. The Gateway provides wireless connection establishment and protocol translation between applications located in the company server and in compatible remote devices. Wireless connectivity services can be rented from the network operator, or companies can operate their own modem pool to provide access to the remote applications through a standard fixed network.

- Runs on Windows NT 4.0, Windows 2000, HP UNIX and Sun Solaris v.7
- Optimizes air interface usage for packet switched connections (SMS, USSD, GPRS)
- Central configuration and management performed at host computer with standard web browser
- TCP protocol for Internet connectivity
- Includes RADIUS authentication service for CSD/HSCSD/GPRS authentication
- Stats collection and logging service for events
- Provides Connection Provider API and Interoperable Object Reference API
- Provides an Interface to SMS-C for standard text messaging
- IP address allocation for terminals with GPRS
- Smart messaging for efficient terminal installation
- Supports Nokia, Logica-Aldiscon and Sema SMS Centers
- Bearer support includes SMS, CSD, HSCSD, USSD and GPRS
- Gateway services also available

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Nokia M2M	Nokia M2M Gateway Corporate Edition Software	61,111.15	55,000.00
459304	0080497		5	55,000.00
1 EACH	none		2.27	55,000.00

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Introducing Machine-to-Machine Solutions from Nokia. The Nokia M2M Platform is an open, wireless platform that connects Internet-accessible server applications to wireless remote devices.

Nokia M2M Connectivity Terminals

The Nokia GSM Connectivity Terminal is a M2M (machine-to-machine) communications device with versatile interfaces and advanced functions. Connected to different machines and devices, it provides wireless connectivity and remote management possibilities for remote applications.

- EGSM900/GSM1800 frequencies (Nokia 30)
- GSM 850/1900 frequencies (Nokia 31)
- Data Bearers: GPRS, CSD, SMS, USSD (Nokia 30 and 31). HSCSD (Nokia 30 only)
- Internal antenna with external antenna connector
- Built in SIM card reader
- Supports SMS, USSD (MO, MT) messaging services
- GSM encryption, GSM security codes, AutoPIN, authentication

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Nokia M2M	Nokia 30 Basic GSM Connectivity Terminal for wireless	288.90	260.00
417341	0046500	M2M applications	2	260.00
1 EACH	1 year		0.91	260.00
NEW	Nokia M2M	Nokia 30 Basic GSM Connectivity Terminal for wireless	288.90	260.00
414397	0069360	M2M applications	2	260.00
1 EACH	1 year		0.91	260.00
NEW	Nokia M2M	Power Supply for Nokia 30 and Nokia 31.	33.35	30.00
424324	0080536		2	30.00
1 EACH	1 year		0.91	30.00
NEW	Nokia M2M	Connectivity Terminal Data Package includes RS-232	66.70	60.00
445308	0080537	data adapter, RS-232 data cable with D9 connectors,	5	60.00
1 EACH	1 year	AT-command list document and modem driver.	2.27	60.00

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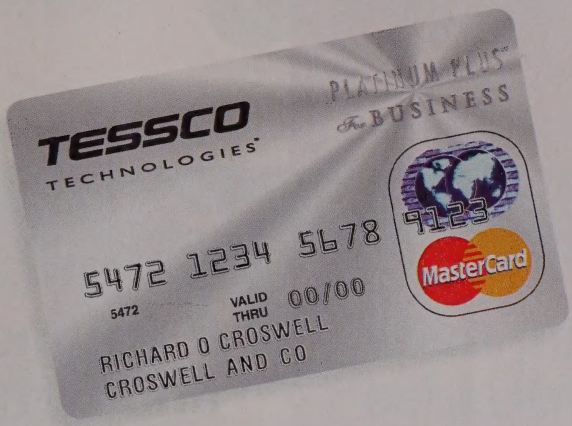

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- 2.9% introductory APR.
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- Make TESSCO purchases with NO effect on your open-terms credit.
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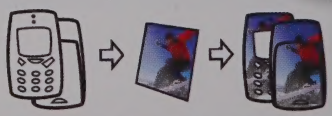

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  - Nokia 3360 1007
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  - Nokia 5125, 5165 1045
  - Nokia 6100 Series 1059
  - Nokia 6310 1068
  - Nokia 6360 1071
  - Nokia 6500 Series 1076
  - Nokia 7210 1080
  - Nokia 8260 1083
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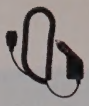

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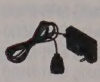
A-20
SKU 49932



Travel Charger
Audiovox
CNR9100
SKU 425389

Travel Charger
Audiovox
TRC9100
SKU 479192

Travel Charger
Wireless Solutions
465153U
SKU 416154

Leather Case
Audiovox
LB9100
SKU 414010

Phone Holster, Medium
Nite Ize
SUMP-07-01
SKU 437345

Boxit Phone Case, Onyx
Nite Ize
NBX-07-01
SKU 422375

Boxit Phone Case, Crystal
Nite Ize
NBX-07-04
SKU 424372

Boxit Phone Case, Citron
Nite Ize
NBX-07-28
SKU 467363

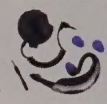
Boxit Phone C Aqua
Nite Ize
NBX-07-03
SKU 48235

Belt Clip
Audiovox
BC9100
SKU 491064

Illustration not currently available

Ear Boom Headset
Audiovox
HS911B
SKU 488143

Earbud Microphone
Audiovox
EM425
SKU 493078



Freespeak Bluetooth Headset w/Adapter
Jabra Corporation
100-91030000-02
SKU 435389

Plantronics Over-The-Head Headset
Plantronics
M110
SKU 36909

Over-The-Head Headset,Vol
Plantronics
M114
SKU 36926

Over-The-Ear Headset
Plantronics
M120
SKU 36954

Plantronics Over-The-Ear Headset
Plantronics
M124
SKU 36981

Plantronics Ov The-Ear Head
Plantronics
M130
SKU 3205

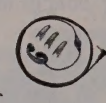
Illustration not currently available

Over the ear headset
Plantronics
M135/BLUE
SKU 433174

Over the ear headset
Plantronics
M135/ESPRESSO
SKU 497082

In-The Ear Headset
Plantronics
M140/CHARCOAL
SKU 37000

In-The Ear Headset
Plantronics
M140/SILVER
SKU 467122



In-The-Ear Headset, Vol
Plantronics
M145
SKU 37004

Plantronics In-The-Ear Headset
Plantronics
MX100
SKU 410379

Plantronics Earbud Headset
Plantronics
M205
SKU 437114

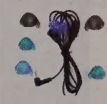
Over-Head/Ear Headset
Plantronics
M170
SKU 37022

Over-Head/E Headset,Vo
Plantronics
M175
SKU 3703

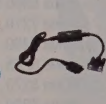
Bluetooth Headset
Plantronics
M1500 BLUETOOTH
SKU 467353

2.5mm Earwrap Headset
Wireless Solutions
466053U
SKU 460165

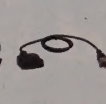
2.5mm Earboom Headset
Wireless Solutions
484028U
SKU 424099



2.5mm Earbud Headset
Wireless Solutions
438045U
SKU 445052



Serial Data Kit
Audiovox
DIC9100
SKU 449047



Antenna Cable
Wireless Solutions
478189U
SKU 480356

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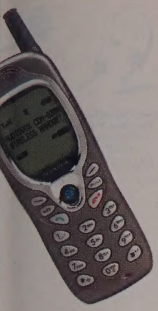
Audiovox Accessory Quick Pick



Audiovox CDM-8300

Audiovox CDM-9150x

Battery, 950mah, Lilo
Audiovox
BTR8300VW
SKU 419381

Vehicle Power Adapter
Audiovox
CLC-1100
SKU 468041

Illustration not currently available

Single Port Desk Top Charger
Audiovox
DTC8300
SKU 463368

Travel Charger
Audiovox
CNR1100
SKU 432311

Belt Clip
Audiovox
BC8300VW
SKU 453336

Universal Belt Clip
Wireless Solutions
30754
SKU 30754

Installed Handsfree Kit
Audiovox
HF8300
SKU 448302

Earbud Headset
Audiovox
EM3500
SKU 457029

Freespeak Bluetooth Headset w/Adapter
Jabra Corporation
100-91030000-02
SKU 435389

Plantronics Over-The-Head Headset
Plantronics
M110
SKU 36909

Over-The-Head Headset,Vol
Plantronics
M114
SKU 36926

Over-The-Ear Headset
Plantronics
M120
SKU 36954

Plantronics Over-The-Ear Headset
Plantronics
M124
SKU 36981

Plantronics Over-The-Ear Headset
Plantronics
M130
SKU 32055

Illustration not currently available

Over the ear headset
Plantronics
M135/BLUE
SKU 433174

Over the ear headset
Plantronics
M135/ESPRESSO
SKU 497082

In-The Ear Headset
Plantronics
M140/CHARCOAL
SKU 37000

In-The Ear Headset
Plantronics
M140/SILVER
SKU 467122

In-The-Ear Headset, Vol
Plantronics
M145
SKU 37004

Plantronics In-The-Ear Headset
Plantronics
MX100
SKU 410379

Plantronics Earbud Headset
Plantronics
M205
SKU 437114

Over-Head/Ear Headset
Plantronics
M170
SKU 37022

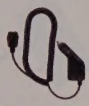
Over-Head/Ear Headset,Vol
Plantronics
M175
SKU 37030

Bluetooth Headset
Plantronics
M1500 BLUETOOTH
SKU 467353

Illustration not currently available

Replacement Antenna
Audiovox
ANT8300VW
SKU 472332

Battery, 750mah, Lilo
Audiovox
BTR9100
SKU 417051



Vehicle Power Adapter
Audiovox
CLC9100
SKU 415026

Vehicle Power Adapter
Wireless Solutions
495172U
SKU 444142

Single Port Desk Top Charger
Audiovox
DTC9100
SKU 435077

FPF Tapole Frog
funphonefriend.com
A-05
SKU 417318

FPF Bully-Bulldog
funphonefriend.com
A-01
SKU 425345

FPF Funky Monkey
funphonefriend.com
A-22
SKU 440370

FPF Floppy Reg-Brown Dog
funphonefriend.com
A-3
SKU 441386

FPF ALI-Alligator
funphonefriend.com
A-19
SKU 454305

FPF Beary - Lavender Bear
funphonefriend.com
A-17
SKU 472388

FPF Santa
funphonefriend.com
A-27
SKU 474325

FPF Dangles- Dog Hanging Legs
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A-15
SKU 481374

FPF Munchie-Manatee
funphonefriend.com
A-24
SKU 482389

FPF Kit Kat- Cat
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A-10
SKU 486359

FPF Larry-Lobster
funphonefriend.com
A-7
SKU 488341

FPF Cheeser Mouse
funphonefriend.com
A-21
SKU 490397

FPF Oinky Pig
funphonefriend.com
A-09
SKU 491340

FPF Moo MOO - Cow
funphonefriend.com
A-20
SKU 499325

Travel Charger
Audiovox
CNR9100
SKU 425389

Travel Charger
Audiovox
TRC9100
SKU 479192

Leather Case
Audiovox
LB9100
SKU 414010

Phone Holster, Medium
Nite Ize
SUMP-07-01
SKU 437345

Boxit Phone Case, Onyx
Nite Ize
NBX-07-01
SKU 422375

Boxit Phone Case, Crystal
Nite Ize
NBX-07-04
SKU 424372

Boxit Phone Case, Citron
Nite Ize
NBX-07-28
SKU 467363

Boxit Phone Case, Aqua
Nite Ize
NBX-07-03
SKU 482355

Belt Clip
Audiovox
BC9100
SKU 491064

Illustration not currently available

Ear Boom Headset
Audiovox
HS911B
SKU 488143

Earbud Microphone
Audiovox
EM425
SKU 493078

Freespeak Bluetooth Headset w/Adapter
Jabra Corporation
100-91030000-02
SKU 435389

Plantronics Over-The-Head Headset
Plantronics
M110
SKU 36909

Over-The-Head Headset,Vol
Plantronics
M114
SKU 36926

Over-The-Ear Headset
Plantronics
M120
SKU 36954

Plantronics Over-The-Ear Headset
Plantronics
M124
SKU 36981

Plantronics Over-The-Ear Headset
Plantronics
M130
SKU 32055

Illustration not currently available

Over the ear headset
Plantronics
M135/BLUE
SKU 433174

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Audiovox Accessory Quick Pick

Over the ear headset
Plantronics
M135/ESPRESSO
SKU 497082

In-The Ear Headset
Plantronics
M140/CHARCOAL
SKU 37000

In-The Ear Headset
Plantronics
M140/SILVER
SKU 467122

In-The-Ear Headset, Vol
Plantronics
M145
SKU 37004

Plantronics In-The-Ear Headset
Plantronics
MX100
SKU 410379

Plantronics Earbud Headset
Plantronics
M205
SKU 437114

Over-Head/Ear Headset
Plantronics
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SKU 37022

Over-Head/Ear Headset, Vol
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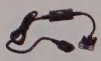
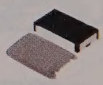
Bluetooth He
Plantronic
M1500 BLUET
SKU 467



Serial Data Kit
Audiovox
DIC9100
SKU 449047

Antenna Cable
Wireless Solutions
478189U
SKU 480356

Audiovox CDM-9500



Extended Battery & Cover
Audiovox
BTE9500VW
SKU 459359

Standard Battery
Audiovox
BTR9500VW
SKU 477388

Illustration not currently available

Single Port Desk Top Charger
Audiovox
DTC9500
SKU 479366

Travel Charger
Audiovox
CNR9100
SKU 425389

Holster
Audiovox
BC9500VW
SKU 434345

Universal Belt Clip
Wireless Solutions
30754
SKU 30754

Freespeak Bluetooth Headset w/Adapter
Jabra Corporation
100-91030000-02
SKU 435389

Plantronics Over-The-Head Headset
Plantronics
M110
SKU 36909

Over-The-H Headset,V
Plantronic
M114
SKU 369

Over-The-Ear Headset
Plantronics
M120
SKU 36954

Plantronics Over-The-Ear Headset
Plantronics
M124
SKU 36981

Plantronics Over-The-Ear Headset
Plantronics
M130
SKU 32055

Illustration not currently available

Over the ear headset
Plantronics
M135/BLUE
SKU 433174

Over the ear headset
Plantronics
M135/ESPRESSO
SKU 497082

In-The Ear Headset
Plantronics
M140/CHARCOAL
SKU 37000

In-The Ear Headset
Plantronics
M140/SILVER
SKU 467122

In-The-Ear Headset, Vol
Plantronics
M145
SKU 37004

Plantronics I Ear Head
Plantronic
MX100
SKU 410

Plantronics Earbud Headset
Plantronics
M205
SKU 437114

Over-Head/Ear Headset
Plantronics
M170
SKU 37022

Over-Head/Ear Headset,Vol
Plantronics
M175
SKU 37030

Bluetooth Headset
Plantronics
M1500 BLUETOOTH
SKU 467353

Replacement Antenna
Audiovox
ANT9500VW
SKU 460373

Audiovox CDM130, 135, 8100, PCX1100, 1110

Extended Battery, 1600mah, Lilo
Audiovox
BTE-1100
SKU 418052

Slim Battery, 1000mah, Lilo
Audiovox
BTR-1100
SKU 478041

Battery, 900mah, Lilo
Wireless Solutions
490094U
SKU 419098

Vehicle Power Adapter
Audiovox
CLC-1100
SKU 468041

Vehicle Power Adapter
Wireless Solutions
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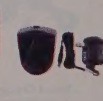
SKU 415016

Travel Charger
Audiovox
TRC-1100
SKU 427076



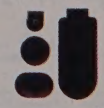
Desk Top Charger
Audiovox
DTC1100
SKU 440036

Travel Charger
Wireless Solutions
488056U
SKU 416081

Leather C
Audiovo
LB-1100
SKU 417

Open-face Leather Case
Wireless Solutions
473088U
SKU 452098

Universal Belt Clip
Wireless Solutions
30754
SKU 30754



Universal Belt Clip
Wireless Solutions
458379U
SKU 413338

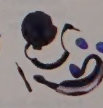
Illustration not currently available

Handfree Car Kit
Audiovox
HF1100A
SKU 468191

Illustration not currently available

Ear Boom Headset
Audiovox
HS911B
SKU 488143

Earbud Headset
Audiovox
EM3500
SKU 457029



Freespeak Bluetooth Headset w/Adapter
Jabra Corporation
100-91030000-02
SKU 435389

Handsfree Earset
Jabra Corporation
ES2.5MM302
SKU 65303

EarBoom He 2.5mm
Jabra Corpor
EM2.5MM
SKU 413

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Audiovox Accessory Quick Pick

EarBud Headset, 2.5mm
Jabra Corporation
EB2.5MM302
SKU 481060

EarWrap, with 2.5mm jack
Jabra Corporation
EW2.5MM402
SKU 411070

Plantronics Over-The-Head Headset
Plantronics
M110
SKU 36909

Over-The-Head Headset, Vol
Plantronics
M114
SKU 36926

Over-The-Ear Headset
Plantronics
M120
SKU 36954

Plantronics Over-The-Ear Headset
Plantronics
M124
SKU 36981

Plantronics Over-The-Ear Headset
Plantronics
M130
SKU 32055

Illustration not currently available

Over the ear headset
Plantronics
M135/BLUE
SKU 433174

Over the ear headset
Plantronics
M135/ESPRESSO
SKU 497082

In-The Ear Headset
Plantronics
M140/CHARCOAL
SKU 37000

In-The Ear Headset
Plantronics
M140/SILVER
SKU 467122

In-The-Ear Headset, Vol
Plantronics
M145
SKU 37004

Plantronics In-The-Ear Headset
Plantronics
MX100
SKU 410379

Plantronics Earbud Headset
Plantronics
M205
SKU 437114

Over-Head/Ear Headset
Plantronics
M170
SKU 37022

Over-Head/Ear Headset, Vol
Plantronics
M175
SKU 37030

Bluetooth Headset
Plantronics
M1500 BLUETOOTH
SKU 467353

2.5mm Earwrap Headset
Wireless Solutions
466053U
SKU 460165

2.5mm Earboom Headset
Wireless Solutions
484028U
SKU 424099

2.5mm Earbud Headset
Wireless Solutions
438045U
SKU 445052

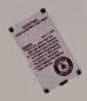
Illustration not currently available

Starter Kit
Wireless Solutions
478090U
SKU 465188

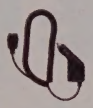
Audiovox CDM9100

Battery, 750mah, LiIo
Audiovox
BTR9100
SKU 417051

Battery Cover
Audiovox
26077098
SKU 441105



Battery, 700mah, LiIo
Wireless Solutions
425134U
SKU 478190



Vehicle Power Adapter
Audiovox
CLC9100
SKU 415026

Vehicle Power Adapter
Wireless Solutions
495172U
SKU 444142

Single Port Desk Top Charger
Audiovox
DTC9100
SKU 435077

Faceplate 9100
Audiovox
PCP9100AM
SKU 489073

Faceplate 9100
Audiovox
PCP9100BM
SKU 445027

Faceplate 9100
Audiovox
PCP9100PW
SKU 499037

Faceplate 9100
Audiovox
PCP9100SG
SKU 498081

FPF Tapole Frog
funphonefriend.com
A-05
SKU 417318

FPF Bully-Bulldog
funphonefriend.com
A-01
SKU 425345

FPF Funky Monkey
funphonefriend.com
A-22
SKU 440370

FPF Floppy Reg-Brown Dog
funphonefriend.com
A-3
SKU 441386

FPF ALI-Alligator
funphonefriend.com
A-19
SKU 454305

FPF Beary - Lavender Bear
funphonefriend.com
A-17
SKU 472388

FPF Santa
funphonefriend.com
A-27
SKU 474325

FPF Dangles- Dog Hanging Legs
funphonefriend.com
A-15
SKU 481374

FPF Munchie-Manatee
funphonefriend.com
A-24
SKU 482389

FPF Kit Kat- Cat
funphonefriend.com
A-10
SKU 486359

FPF Larry-Lobster
funphonefriend.com
A-7
SKU 488341

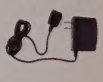
FPF Cheeser Mouse
funphonefriend.com
A-21
SKU 490397

FPF Oinky Pig
funphonefriend.com
A-09
SKU 491340

FPF Moo MOO - Cow
funphonefriend.com
A-20
SKU 499325

Travel Charger
Audiovox
CNR9100
SKU 425389

Travel Charger
Audiovox
TRC9100
SKU 479192



Travel Charger
Wireless Solutions
465153U
SKU 416154

Leather Case
Audiovox
LB9100
SKU 414010

Open-face Leather Case
Wireless Solutions
490190
SKU 477131

Belt Clip
Audiovox
BC9100
SKU 491064

Universal Belt Clip
Wireless Solutions
30754
SKU 30754

Universal Belt Clip
Wireless Solutions
458379U
SKU 413338

Installed Handsfree Kit
Audiovox
HF9100M
SKU 419088

Illustration not currently available

Ear Boom Headset
Audiovox
HS911B
SKU 488143

Earbud Microphone
Audiovox
EM425
SKU 493078

Freespeak Bluetooth Headset w/Adapter
Jabra Corporation
100-91030000-02
SKU 435389

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Audiovox Accessory Quick Pick

Handsfree Earset
Jabra Corporation
ES2.5MM302
SKU 65303

EarBoom Headset, 2.5mm
Jabra Corporation
EM2.5MM302
SKU 413032

EarBud Headset, 2.5mm
Jabra Corporation
EB2.5MM302
SKU 481060

EarWrap, with 2.5mm jack
Jabra Corporation
EW2.5MM402
SKU 411070

Plantronics Over-The-Head Headset
Plantronics
M110
SKU 36909

Over-The-Head Headset,Vol
Plantronics
M114
SKU 36926

Over-The-Ear Headset
Plantronics
M120
SKU 36954

Plantronics Over-The-Ear Headset
Plantronics
M124
SKU 36981

Plantronics Ov The-Ear Head
Plantronics
M130
SKU 3205

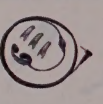
Illustration not currently available

Over the ear headset
Plantronics
M135/BLUE
SKU 433174

Over the ear headset
Plantronics
M135/ESPRESSO
SKU 497082

In-The Ear Headset
Plantronics
M140/CHARCOAL
SKU 37000

In-The Ear Headset
Plantronics
M140/SILVER
SKU 467122



In-The-Ear Headset, Vol
Plantronics
M145
SKU 37004

Plantronics In-The-Ear Headset
Plantronics
MX100
SKU 410379

Plantronics Earbud Headset
Plantronics
M205
SKU 437114

Over-Head/Ear Headset
Plantronics
M170
SKU 37022

Over-Head/E Headset,Vo
Plantronics
M175
SKU 3703

Bluetooth Headset
Plantronics
M1500 BLUETOOTH
SKU 467353

2.5mm Earwrap Headset
Wireless Solutions
466053U
SKU 460165

2.5mm Earboom Headset
Wireless Solutions
484028U
SKU 424099

2.5mm Earbud Headset
Wireless Solutions
438045U
SKU 445052

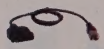
Starter Kit, Case and CLA
Audiovox
421015/426005
SKU 485117

Starter Kit, Leather Case and VPA
Wireless Solutions
495172U
SKU 483166

Replacement Antenna
Audiovox
26019387
SKU 86329

Serial Data Kit
Audiovox
DIC9100
SKU 449047

Dual Band Mi Mag Mount Antenna
Wireless Solutio
454106U
SKU 4443



Antenna Cable
Wireless Solutions
478189U
SKU 480356

TESSCO TECHNOLOGIES®
NORTH AMERICA 800-955-9997
REST OF WORLD +1 410-229-1200
FAX 410-527-0005
WWW.TESSCO.COM
NEW = New Listing. Pricing for reference
See TESSCO.com for latest pricing and prod
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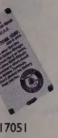
Compatible Phone Models:

Audiovox 9155-GPX

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

iovox Portable Phone Batteries

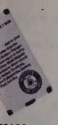


17051

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

No. om	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
51 CH	Audiovox BTR9100 1 Year	Replacement battery. Retail packaged. 750 mAh Lilo 170 minutes DTT/270 hours DST	81.85 0.25 0.11	52.96 49.21 45.46

eless Solutions Batteries



78190

Quality, Great Value

ctive retail packaging that promotes self selec- and consumer education

- Available with merchandising system that drives multiple and repeat purchases to improve overall profitability

No. om	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
90 CH	Wireless Solutions 425134U Lifetime	Internal Replacement Battery Black 700mah Lilo 1 to 4 hours DTT/1 to 5 days DST	30.55 0.25 0.11	21.52 17.51 15.76

Vehicle Power Adapters [275-10]

iovox (OEM) Vehicle Power Adapters

5026

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories. These products are used by directly plugging onto the phone without removing the battery. Provides power to the phone and charges the battery at the same time.

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
26 CH	Audiovox CLC9100 1 Year	Cigarette lighter charger. Retail Packaged.	15.70 0.5 0.23	10.53 9.81 9.09

Battery Conditioning Units [305-10]

Audiovox Desktop Chargers

435077

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
435077 1 EACH	Audiovox DTC9100 1 Year	Desktop charger	64.10 0.48 0.22	41.13 38.19 35.25

Face Plates [311-10]

FPF Fun Friends

417318 425345 440370

441386 454305 472388

474325 481374 482389 486359

488341 490397 491340

499325

Fun Friends are leading the way with adorable characters that give new attitude to these otherwise dull products. Fun Friends are a perfect match for all who enjoy plush characters ranging from Funky the Monkey to Tadpole our Lime Green Frog.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 417318 1 EACH	funphonefriend.com A-05 30 days	Fun Friends phone cover. Tapole Frog	15.00 0.32 0.15	6.50 5.75 5.21
NEW 425345 1 EACH	funphonefriend.com A-01 30days	FunFriends phone cover. Bully-Bulldog	15.00 0.32 0.15	6.50 5.75 5.21
NEW 440370 1 EACH	funphonefriend.com A-22 30 days	Fun Friends Funky- Monkey	15.00 0.32 0.15	6.50 5.75 5.21
NEW 441386 1 EACH	funphonefriend.com A-3 30 days	Fun Friends phone covers. Floppy Reg	15.00 0.32 0.15	6.50 5.75 5.21
NEW 454305 1 EACH	funphonefriend.com A-19 30 days	FunFriends phone cover. ALI- Aligator	15.00 0.32 0.15	6.50 5.75 5.21
NEW 472388 1 EACH	funphonefriend.com A-17 30 days	FunFriends phone cover. Beary- Lavender Bear	15.00 0.32 0.15	6.50 5.75 5.21

= New Listing. Pricing for reference only.
TESSCO.com for latest pricing and products.
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Audiovox 9155-GPX

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 474325 1 EACH	funphonefriend.com A-27 30 days	Fun Friends phone cover. Santa	15.00 0.32 0.15	6.50 5.75 5.21
NEW 481374 1 EACH	funphonefriend.com A-15 30 days	Fun Friends phone covers. Dangles- Dog Hanging Legs	15.00 0.32 0.15	6.50 5.75 5.21
NEW 482389 1 EACH	funphonefriend.com A-24 30 days	Fun Friends phone covers. Munchie- Manatee	15.00 0.32 0.15	6.50 5.75 5.21
NEW 486359 1 EACH	funphonefriend.com A-10 30 days	Fun Friends phone covers. Kit Kat- Cat	15.00 0.32 0.15	6.50 5.75 5.21
NEW 488341 1 EACH	funphonefriend.com A-7 30 days	Fun Friends phone cover. Larry -Lobster	15.00 0.32 0.15	6.50 5.75 5.21
NEW 490397 1 EACH	funphonefriend.com A-21 30 days	Fun Friends phone covers. Cheeser- Mouse	15.00 0.32 0.15	6.50 5.75 5.21
NEW 491340 1 EACH	funphonefriend.com A-09 30 days	Fun Friends phone covers. Oinky- Pig	15.00 0.32 0.15	6.50 5.75 5.21
NEW 499325 1 EACH	funphonefriend.com A-20 30 days	Fun Friends phone covers. Moo Moo- Cow	15.00 0.32 0.15	6.50 5.75 5.21

Chargers, Desk Top, Travel [305-60]

Audiovox Travel Charger

425389 479192

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 425389 1 EACH	Audiovox CNR9100 1 Year	AC travel charger. Retail packaged.	47.75 0.5 0.23	31.09 28.90 26.71
NEW 479192 1 EACH	Audiovox TRC9100 1 Year	Spare battery travel charger. Charges spare battery only. Retail box.	28.65 0.5 0.23	18.84 17.53 16.21

Wireless Solutions Travel Charger

416154

- Plugs into any 110 volt outlet
- Use your phone while it is charging
- Rapid Charges batteries in about 2-4 hours
- Attractive retail packaging that promotes self selection and consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
416154 1 EACH	Wireless Solutions 465153U Lifetime	Travel Charger	14.50 0.4 0.18	10.31 8.30 6.30

Cases for Portable Cellular Phones [310-10]

Audiovox OEM Phone Cases

414010

Original accessories... "from the people that made your phone(TM)." OEMs desig manufacture accessories to match the specific requirements of their phones, satis the most demanding customer. You can trust the high quality and performance of inal accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
414010 1 EACH	Audiovox LB9100 1 Year	Leather case with detachable belt clip. Vinyl face covers the LCD. Retail packaged. Black	10.90 1 0.45	7 6 6

Nite Ize Holsters

437345

The Stand-Up Phone Holster provides the ultimate in protection and usability your phone. Durable Ballistic nylon protects from moisture and scratches, and secure holstering mechanism ensures your phone will never leave your belt un tionally

- Available in three sizes: small, medium and large. Elastic sides expand to accomodate various phones
- Multiple pockets hold accessories
- Bendable metal frame stands, hangs or attaches to holster and provides a hands-free workstation
- Security snap attaches securely to belt
- Open-ended design for CLA's, headset or other phone accessories

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 437345 1 EACH	Nite Ize SUMP-07-01 2 years	Medium holster. Phone must fit into 5 1/2L" x 3 1/8"W x 1 1/4D" pocket.	28.25 0.15 0.07	14 14 14

Nite Ize Protective Case

422375 424372 467363 482355

Boxit mobile phone case provides the ultimat protection for any environment.

- Molded polyurethane front and polycarbonate back protects phone from moisture, dirt, dust, and shock. Floats too!
- Includes two different lids to accomodate nearly every phone. Antenna extensions and plugs are included for nearly every style antenna.
- Hear and talk through flexible transparent face while a special waterproof Gore audio membra enhances audibility and guarantees effective sou transmission
- Operates from -40F to +140F. Approved to IP45 and IP65

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 422375 1 EACH	Nite Ize NBX-07-01 2 years	BOXIT universal phone case. Onyx color	46.20 0.15 0.07	24 23 23
NEW 424372 1 EACH	Nite Ize NBX-07-04 2 years	BOXIT universal phone case. Crystal color.	46.20 0.15 0.07	24 23 23
NEW 467363 1 EACH	Nite Ize NBX-07-28 2 years	BOXIT universal phone case. Citron color.	46.20 0.15 0.07	24 23 23
NEW 482355 1 EACH	Nite Ize NBX-07-03 2 years	BOXIT universal phone case. Aqua color.	46.20 0.15 0.07	24 23 23

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Waterproof Cases, Belt Clips [310-60]

diovox Belt Clips

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

064

No. Qty Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
064 CH	Audiovox BC9100 1 Year	Belt clip. Retail packaged.	8.20 0.05 0.02	5.71 5.34 4.96

Headsets [262-10]

diovox Ear Mic/Handsfree

Audiovox "Bud" type hands-free earphone microphone.

93078

No. Qty Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 43 CH	Audiovox HS911B 1 Year	Universal ear boom headset. Retail packaged.	16.40 0.25 0.11	10.96 10.21 9.46
78 CH	Audiovox EM425 90 Days	Bud type hands-free earphone microphone.	6.85 1 0.45	4.84 4.53 4.21

etooth Headsets

The Motorola Bluetooth headset provides a cordless connection to your mobile phone. Carry on handsfree conversation without the restriction of a cord.

435389

No. Qty Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
V 89 CH	Jabra Corporation 100-91030000-02 1 Year	Freespeak Bluetooth Headset with 2.5mm headset jack.	179.95 0.45 0.2	143.06 123.09 114.99

tronics Over-The-Head Headsets

All Plantronics over-the-head wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

36909 36926

No. Qty Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
9 CH	Plantronics M110 1 Year	Flexible headband on this over-the-head headset provides stability and comfort.	24.20 0.4 0.18	16.06 12.59 12.08
6 CH	Plantronics M114 1 Year	Flexible headband on this over-the-head style headset provides stability and comfort. Includes in-line volume control.	26.80 0.4 0.18	17.80 13.95 13.39

Plantronics Over-The-Ear Headsets

36954 36981 32055 497082

All Plantronics over-the-ear wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hard-wired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36954 1 EACH	Plantronics M120 1 Year	Lightweight comfort in an over-the-ear style headset.	24.20 0.25 0.11	16.06 12.59 12.08
36981 1 EACH	Plantronics M124 1 Year	Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80 0.24 0.11	17.80 13.95 13.39
32055 1 EACH	Plantronics M130 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic-blue, blurple color.	29.50 0.22 0.1	19.59 15.36 14.73
NEW **433174** 1 EACH	Plantronics M135/BLUE 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, blurple color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55
497082 1 EACH	Plantronics M135/ESPRESSO 1 Year	Superior comfort and sleek design in this over-the-ear headset. Espresso color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55

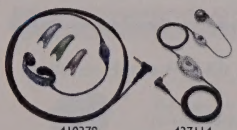
Plantronics In-The-Ear Headsets

37000 37004

All Plantronics in-the-ear boom-style wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37000 1 EACH	Plantronics M140/CHARCOAL 1 Year	Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11	24.31 19.06 18.28
NEW **467122** 1 EACH	Plantronics M140/SILVER 1 Year	Ultra-light comfort with this in-the-ear style headset. Silver color.	36.60 0.25 0.11	24.31 19.06 18.28
37004 1 EACH	Plantronics M145 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11	28.22 22.12 21.22

Plantronics Discreet Earbud Headsets



410379 437114

All Plantronics earbud headsets for wireless phones feature Flexfit(TM) design for increased stability, RF noise shielded cable, advanced speaker technology, and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **410379** 1 EACH	Plantronics MX100 1 Year	Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19.59 15.36 14.73
437114 1 EACH	Plantronics M205 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09	19.59 15.36 14.73

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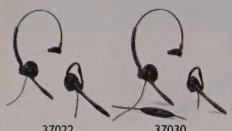
Audiovox 9155-GPX

Plantronics Convertible Headsets



37022 37030

All Plantronics convertible style wireless phone headsets feature a noise-canceling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37022 I EACH	Plantronics M170 I Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18	31.25 24.50 23.50
37030 I EACH	Plantronics M175 I Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22	35.16 27.57 26.44

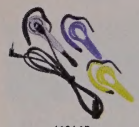
Plantronics Cordless Headsets

467353

Cut the Cord(TM) with Bluetooth(TM) wireless headsets from Plantronics. All Plantronics over-the-ear cordless headsets feature an adjustable noice cancelling microphone, volume/mute control and answer/end button. High-capacity rechargeable batteries provide up to 2.5 hours of talk time and 60 hours of standby.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **467353** I EACH	Plantronics M1500 BLUE-TOOTH I Year	Bluetooth headset. Over-the-ear style with answer/end button and volume/mute control. Includes Bluetooth adapter, AC adapter and rechargeable battery. Blue-tooth version 1.1.	250.70 0.25 0.11	166.67 130.67 125.34

Wireless Solutions 2.5mm Earwrap



460165

The Wireless Solutions EarWrap: noise-canceling mic, sleek, lightweight design, colorful accessories. Choose from snap-on boom covers and flex-forming ear wraps in sleek tones of silver, blue and yellow.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
460165 I EACH	Wireless Solutions 466053U Lifetime	Earwrap with colored faceplates and 2.5mm connector.	27.50 0.4 0.18	16.17 14.25 13.97

Wireless Solutions EarBoom Headset

424099

Wireless Solutions In The Ear headset features a boom mic. Comfortable. Provide good mic sound as well as in the ear speaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
424099 I EACH	Wireless Solutions 484028U Lifetime	Earboom Headset with 2.5mm jack. Includes six eargels.	31.00 0.3 0.14	13.31 11.32 9.31

Wireless Solutions EarBud Headset

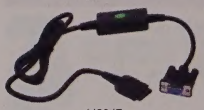
445052

The Wireless Soluitons EarBud is the most cost-effective, solution for mobile phone users wanting a hands-free alternative at a value price. T EarBud integrates the microphone as part of the cable leading from th to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
445052 I EACH	Wireless Solutions 438045U Lifetime	Earbud Headset with 2.5mm jack. Includes six eargels.	27.00 0.3 0.14	1 1 8

Data Interfaces for Portable Phones [260-12]

Audiovox Data Cables



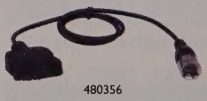
449047

Original accessories... "from the people that made your phone(TM)." OEM's design and manufacture accessories t match the specific requirements of their phones, satisfying most demanding customer. You can trust the high quality a performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T T
449047 I EACH	Audiovox DIC9100 I Year	Serial data kit. Includes serial cable and software. Allows for connectivity between phone and PC laptop.	110.35 0.5 0.23	7 6 6

External Antenna Kits for Portables [362-40]

Wireless Solutions Antenna Cables



480356

Wireless Solutions Antenna Cables and Antenns

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T T
NEW **480356** I EACH	Wireless Solutions 478189U I Year	Antenna Adapter Cable. CDM9100, 9150, 9155. Use Dual Band Mini Mag-Mount Antenna SKU# 444380.	11.00 0.25 0.11	6 5 5

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FAX 410-527-0005
WWW.TESSCO.COM
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Compatible Phone Models:

Audiovox CDM-8300

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

diovox Portable Phone Batteries

419381

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

No. Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 381 ACH	Audiovox BTR8300VW 1 Year	Replacement battery. Retail packaged. 950 mAh LiIo	49.10 0.25 0.11	31.96 29.71 27.46

Vehicle Power Adapters [275-10]

diovox (OEM) Vehicle Power Adapters

8041

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories. These products are used by directly plugging onto the phone without removing the battery. Provides power to the phone and charges the battery at the same time.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
041 ACH	Audiovox CLC-1100 90 Days	Cigarette lighter charger. Retail Packaged.	15.70 0.31 0.14	10.53 9.81 9.09

Battery Conditioning Units [305-10]

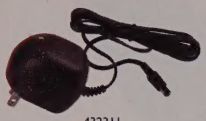
diovox Desktop Chargers

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 368 CH	Audiovox DTC8300 1 Year	Desktop charger	57.30 0.48 0.22	36.75 34.13 31.50

Chargers, Desk Top, Travel [305-60]

Audiovox Travel Charger



432311

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 432311 1 EACH	Audiovox CNR1100 1 Year	AC travel charger. Retail packaged.	8.20 0.5 0.23	5.71 5.34 4.96

Waterproof Cases, Belt Clips [310-60]

Audiovox Belt Clips

453336

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 453336 1 EACH	Audiovox BC8300VW 1 Year	Belt clip. Retail packaged.	7.50 0.05 0.02	5.28 4.94 4.59

Wireless Solutions Beltclips

30754

Belt clips designed to conveniently snap onto the phone to securely hold it in place. Holds the phone without the need for a leather carry case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30754 1 EACH	Wireless Solutions 30754 Lifetime	Universal Belt Clip includes three different swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21

Hands Free Kits, Mics, Headsets [262-09]

Audiovox Hands-Free Kit

448302

The Audiovox hands free car kit allows for mobile mounting of Audiovox portable phones. Kit includes cradle, speaker, mic, mount, external antenna connection and wiring.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 448302 1 EACH	Audiovox HF8300 90 Days	Installed handsfree car kit. External antenna port, cradle, speaker, mic, mount and wiring hardware are included.	324.55 2.9 1.32	208.25 193.38 178.50

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Audiovox CDM-8300

Headsets [262-10]

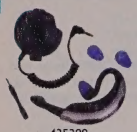
Audiovox Ear Mic/Handsfree

457029

Audiovox "Bud" type hands-free earphone microphone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
457029 1 EACH	Audiovox EM3500 90 Days	Earbud headset	15.70 1 0.45	10.53 9.81 9.09

Bluetooth Headsets

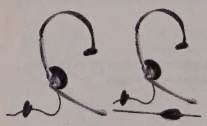


435389

The Motorola Bluetooth headset provides a cordless connection to your mobile phone. Carry on handsfree conversation without the restriction of a cord.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 435389 1 EACH	Jabra Corporation 100-91030000-02 1 Year	Freespeak Bluetooth Headset with 2.5mm headset jack.	179.95 0.45 0.2	143.06 123.09 114.99

Plantronics Over-The-Head Headsets



36909 36926

All Plantronics over-the-head wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36909 1 EACH	Plantronics M110 1 Year	Flexible headband on this over-the-head headset provides stability and comfort.	24.20 0.4 0.18	16.06 12.59 12.08
36926 1 EACH	Plantronics M114 1 Year	Flexible headband on this over-the-head style headset provides stability and comfort. Includes in-line volume control.	26.80 0.4 0.18	17.80 13.95 13.39

Plantronics Over-The-Ear Headsets

36954 36981 32055 497082

All Plantronics over-the-ear wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hard-wired for specific Nokia phones.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36954 1 EACH	Plantronics M120 1 Year	Lightweight comfort in an over-the-ear style headset.	24.20 0.25 0.11	16.06 12.59 12.08
36981 1 EACH	Plantronics M124 1 Year	Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80 0.24 0.11	17.80 13.95 13.39
32055 1 EACH	Plantronics M130 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic-blue, blurple color.	29.50 0.22 0.1	19.59 15.36 14.73

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 433174 1 EACH	Plantronics M135/BLUE 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, blurple color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23 18 17
497082 1 EACH	Plantronics M135/ESPRESSO 1 Year	Superior comfort and sleek design in this over-the-ear headset. Espresso color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23 18 17

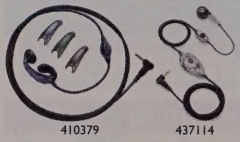
Plantronics In-The-Ear Headsets

37000 37004

All Plantronics in-the-ear boom-style wireless phon headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Availa in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
37000 1 EACH	Plantronics M140/CHARCOAL 1 Year	Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11	24 19 18
NEW 467122 1 EACH	Plantronics M140/SILVER 1 Year	Ultra-light comfort with this in-the-ear style headset. Silver color.	36.60 0.25 0.11	24 19 18
37004 1 EACH	Plantronics M145 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11	28 22 21

Plantronics Discreet Earbud Headsets



410379 437114

All Plantronics earbud headsets for wireless phones f ture Flexfit(TM) design for increased stability, RF nois shielded cable, advanced speaker technology, and a cl ing clip. Available in a standard 2.5mm plug or hardwi for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 410379 1 EACH	Plantronics MX100 1 Year	Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19 15 14
437114 1 EACH	Plantronics M205 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09	19 15 14

Plantronics Convertible Headsets

37022 37030

All Plantronics convertible style wireless phone heads feature a noise-canceling microphone, RF noise shield cable, advanced speaker technology, microphone-adjus switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
37022 1 EACH	Plantronics M170 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18	31 24 23
37030 1 EACH	Plantronics M175 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22	35 27 26

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antronics Cordless Headsets

467353

Cut the Cord(TM) with Bluetooth(TM) wireless headsets from Plantronics. All Plantronics over-the-ear cordless headsets feature an adjustable noice cancelling microphone, volume/mute control and answer/end button. High-capacity rechargeable batteries provide up to 2.5 hours of talk time and 60 hours of standby.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 7353 ACH	Plantronics M1500 BLUE-TOOTH 1 Year	Bluetooth headset. Over-the-ear style with answer/end button and volume/mute control. Includes Bluetooth adapter, AC adapter and rechargeable battery. Blue-tooth version 1.1.	250.70 0.25 0.11	166.67 130.67 125.34

Retractable/Replacement Antennas [385-65]

udiovox Retractable Antennas

t No. /Uom	Manufacturer Mfg. P/N Warranty	Frequency Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 2332 ACH	Audiovox ANT8300VW 90 Days	Retractable replacement antenna	18.45 0.05 0.02	11.82 10.98 10.13

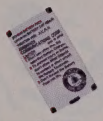
Compatible Phone Models:

Audiovox CDM-9150x

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

Audiovox Portable Phone Batteries



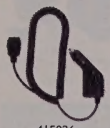
417051

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
417051 1 EACH	Audiovox BTR9100 1 Year	Replacement battery. Retail packaged. 750 mAh Lilo 170 minutes DTT/270 hours DST	81.85 0.25 0.11	52.96 49.21 45.46

Vehicle Power Adapters [275-10]

Audiovox (OEM) Vehicle Power Adapters



415026

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories. These products are used by directly plugging onto the phone without removing the battery. Provides power to the phone and charges the battery at the same time.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
415026 1 EACH	Audiovox CLC9100 1 Year	Cigarette lighter charger. Retail Packaged.	15.70 0.5 0.23	10.53 9.81 9.09

Wireless Solutions Vehicle Power Adapter

444142

Wireless Solutions Vehicle adapters are a great value, and high quality. Quality tested cable returns to original shape after multiple stretches. Attractive retail packaging.

- Variable rate charging for safety & convenience (no overcharging)
- Enough current to make a call with a discharged battery
- Attractive retail packaging that promotes self selection and consumer education
- Available with revolutionary merchandising system that drives multiple and repeat purchase to improve overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
444142 1 EACH	Wireless Solutions 495172U Lifetime	Vehicle Power Adapter. Retail Packaged.	23.00 0.4 0.18	7.24 5.91 4.60

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Audiovox CDM-9150x

Battery Conditioning Units [305-10]

Audiovox Desktop Chargers

435077

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
435077	Audiovox	Desktop charger	64.10	41.13
1 EACH	DTC9100		0.48	38.19
	1 Year		0.22	35.25

Face Plates [311-10]

FPF Fun Friends

417318 425345 440370

441386 454305 472388

474325 481374 482389 486359

488341 490397 491340

499325

Fun Friends are leading the way with adorable characters that give new attitude to these otherwise dull products. Fun Friends are a perfect match for all who enjoy plush characters ranging from Funky the Monkey to Tadpole our Lime Green Frog.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	funphonefriend.com	Fun Friends phone cover. Tapole Frog	15.00	6.50
417318	A-05		0.32	5.75
1 EACH	30 days		0.15	5.21
NEW	funphonefriend.com	FunFriends phone cover. Bully-Bulldog	15.00	6.50
425345	A-01		0.32	5.75
1 EACH	30days		0.15	5.21
NEW	funphonefriend.com	Fun Friends Funky- Monkey	15.00	6.50
440370	A-22		0.32	5.75
1 EACH	30 days		0.15	5.21
NEW	funphonefriend.com	Fun Friends phone covers. Floppy Reg	15.00	6.50
441386	A-3		0.32	5.75
1 EACH	30 days		0.15	5.21
NEW	funphonefriend.com	FunFriends phone cover. ALI- Aligator	15.00	6.50
454305	A-19		0.32	5.75
1 EACH	30 days		0.15	5.21
NEW	funphonefriend.com	FunFriends phone cover. Beary- Lavender Bear	15.00	6.50
472388	A-17		0.32	5.75
1 EACH	30 days		0.15	5.21

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
NEW	funphonefriend.com	Fun Friends phone cover. Santa	15.00	6.5
474325	A-27		0.32	5.7
1 EACH	30 days		0.15	5.2
NEW	funphonefriend.com	Fun Friends phone covers. Dangles- Dog Hanging Legs	15.00	6.5
481374	A-15		0.32	5.7
1 EACH	30 days		0.15	5.2
NEW	funphonefriend.com	Fun Friends phone covers. Munchie- Manatee	15.00	6.5
482389	A-24		0.32	5.7
1 EACH	30 days		0.15	5.2
NEW	funphonefriend.com	Fun Friends phone covers. Kit Kat- Cat	15.00	6.5
486359	A-10		0.32	5.7
1 EACH	30 days		0.15	5.2
NEW	funphonefriend.com	Fun Friends phone cover. Larry -Lobster	15.00	6.5
488341	A-7		0.32	5.7
1 EACH	30 days		0.15	5.2
NEW	funphonefriend.com	Fun Friends phone covers. Cheeser- Mouse	15.00	6.5
490397	A-21		0.32	5.7
1 EACH	30 days		0.15	5.2
NEW	funphonefriend.com	Fun Friends phone covers. Oinky- Pig	15.00	6.5
491340	A-09		0.32	5.7
1 EACH	30 days		0.15	5.2
NEW	funphonefriend.com	Fun Friends phone covers. Moo Moo- Cow	15.00	6.5
499325	A-20		0.32	5.7
1 EACH	30 days		0.15	5.2

Chargers, Desk Top, Travel [305-60]

Audiovox Travel Charger

425389 479192

Original accessories... "from the peopl that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of th phones, satisfying the most demanding customer. You can trust the high qualit and performance of original accessori

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
NEW	Audiovox	AC travel charger. Retail packaged.	47.75	31.0
425389	CNR9100		0.5	28.9
1 EACH	1 Year		0.23	26.7
NEW	Audiovox	Spare battery travel charger. Charges spare battery only.	28.65	18.8
479192	TRC9100	Retail box.	0.5	17.5
1 EACH	1 Year		0.23	16.2

Cases for Portable Cellular Phones [310-10]

Audiovox OEM Phone Cases

414010

Original accessories... "from the people that made your phone(TM)." OEMs design a manufacture accessories to match the specific requirements of their phones, satisfy the most demanding customer. You can trust the high quality and performance of o inal accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
414010	Audiovox	Leather case with detachable belt clip. Vinyl face covers	10.90	7.46
1 EACH	LB9100	the LCD. Retail packaged.	1	6.96
	1 Year	Black	0.45	6.46

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e Ize Holsters

The Stand-Up Phone Holster provides the ultimate in protection and usability for your phone. Durable Ballistic nylon protects from moisture and scratches, and a secure holstering mechanism ensures your phone will never leave your belt unintentionally

345
able in three sizes: small, medium and large.
ic sides expand to accomodate various phones
iple pockets hold accessories
lable metal frame stands, hangs or attaches to
ter and provides a hands-free workstation

- Security snap attaches securely to belt
- Open-ended design for CLA's, headset or other phone accessories

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 345 CH	Nite Ize SUMP-07-01 2 years	Medium holster. Phone must fit into 5 1/2L" x 3 1/8"W x 1 1/4D" pocket.	28.25 0.15 0.07	14.68 14.34 14.11

e Ize Protective Case

Boxit mobile phone case provides the ultimate protection for any environment.

75 424372 467363 482355
led polyurethane front and polycarbonate back
ects phone from moisture, dirt, dust, and shock.
s too!
des two different lids to accomodate nearly
y phone. Antenna extensions and plugs are
ded for nearly every style antenna.

- Hear and talk through flexible transparent face while a special waterproof Gore audio membrane enhances audibility and guarantees effective sound transmission
- Operates from -40F to +140F. Approved to IP45 and IP65

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 575 CH	Nite Ize NBX-07-01 2 years	BOXIT universal phone case. Onyx color	46.20 0.15 0.07	24.01 23.47 23.09
W 572 CH	Nite Ize NBX-07-04 2 years	BOXIT universal phone case. Crystal color.	46.20 0.15 0.07	24.01 23.47 23.09
W 563 CH	Nite Ize NBX-07-28 2 years	BOXIT universal phone case. Citron color.	46.20 0.15 0.07	24.01 23.47 23.09
W 555 CH	Nite Ize NBX-07-03 2 years	BOXIT universal phone case. Aqua color.	46.20 0.15 0.07	24.01 23.47 23.09

Waterproof Cases, Belt Clips [310-60]

iovox Belt Clips

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

64

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
64 CH	Audiovox BC9100 1 Year	Belt clip. Retail packaged.	8.20 0.05 0.02	5.71 5.34 4.96

Headsets [262-10]

Audiovox Ear Mic/Handsfree

493078

Audiovox "Bud" type hands-free earphone microphone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 488143 1 EACH	Audiovox HS911B 1 Year	Universal ear boom headset. Retail packaged.	16.40 0.25 0.11	10.96 10.21 9.46
493078 1 EACH	Audiovox EM425 90 Days	Bud type hands-free earphone microphone.	6.85 1 0.45	4.84 4.53 4.21

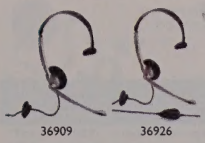
Bluetooth Headsets

435389

The Motorola Bluetooth headset provides a cordless connection to your mobile phone. Carry on handsfree conversation without the restriction of a cord.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 435389 1 EACH	Jabra Corporation 100-91030000-02 1 Year	Freespeak Bluetooth Headset with 2.5mm headset jack.	179.95 0.45 0.2	143.06 123.09 114.99

Plantronics Over-The-Head Headsets

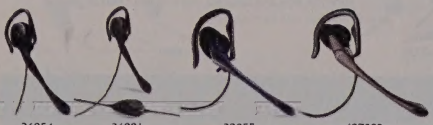


36909 36926

All Plantronics over-the-head wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36909 1 EACH	Plantronics M110 1 Year	Flexible headband on this over-the-head headset provides stability and comfort.	24.20 0.4 0.18	16.06 12.59 12.08
36926 1 EACH	Plantronics M114 1 Year	Flexible headband on this over-the-head style headset provides stability and comfort. Includes in-line volume control.	26.80 0.4 0.18	17.80 13.95 13.39

Plantronics Over-The-Ear Headsets



36954 36981 32055 497082

All Plantronics over-the-ear wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hard-wired for specific Nokia phones.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36954 1 EACH	Plantronics M120 1 Year	Lightweight comfort in an over-the-ear style headset.	24.20 0.25 0.11	16.06 12.59 12.08
36981 1 EACH	Plantronics M124 1 Year	Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80 0.24 0.11	17.80 13.95 13.39

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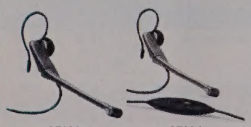
Audiovox CDM-9150x

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
32055 I EACH	Plantronics M130 I Year	Superior comfort and sleek design in this over-the-ear headset. Metallic-blue, blurple color.	29.50 0.22 0.1	19.59 15.36 14.73
NEW 433174 I EACH	Plantronics M135/BLUE I Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, blurple color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55
497082 I EACH	Plantronics M135/ESPRESSO I Year	Superior comfort and sleek design in this over-the-ear headset. Espresso color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55

Plantronics In-The-Ear Headsets

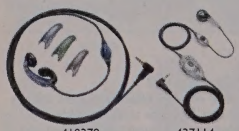


37000 37004

All Plantronics in-the-ear boom-style wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37000 I EACH	Plantronics M140/CHARCOAL I Year	Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11	24.31 19.06 18.28
NEW 467122 I EACH	Plantronics M140/SILVER I Year	Ultra-light comfort with this in-the-ear style headset. Silver color.	36.60 0.25 0.11	24.31 19.06 18.28
37004 I EACH	Plantronics M145 I Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11	28.22 22.12 21.22

Plantronics Discreet Earbud Headsets

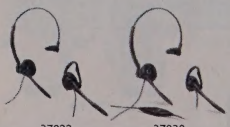


410379 437114

All Plantronics earbud headsets for wireless phones feature Flexfit(TM) design for increased stability, RF noise shielded cable, advanced speaker technology, and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 410379 I EACH	Plantronics MX100 I Year	Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19.59 15.36 14.73
437114 I EACH	Plantronics M205 I Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09	19.59 15.36 14.73

Plantronics Convertible Headsets



37022 37030

All Plantronics convertible style wireless phone headsets feature a noise-canceling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37022 I EACH	Plantronics M170 I Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18	31.25 24.50 23.50
37030 I EACH	Plantronics M175 I Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22	35.16 27.57 26.44

Plantronics Cordless Headsets

467353

Cut the Cord(TM) with Bluetooth(TM) wireless headsets from Plantronics. Plantronics over-the-ear cordless headsets feature an adjustable noice canc microphone, volume/mute control and answer/end button. High-capacity rechargeable batteries provide up to 2.5 hours of talk time and 60 hours of standby.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 467353 I EACH	Plantronics M1500 BLUE-TOOTH I Year	Bluetooth headset. Over-the-ear style with answer/end button and volume/mute control. Includes Bluetooth adapter, AC adapter and rechargeable battery. Bluetooth version 1.1.	250.70 0.25 0.11	16 13 12

Data Interfaces for Portable Phones [260-12]

Audiovox Data Cables

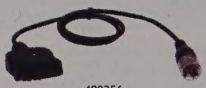
449047

Original accessories... "from the people that made your phone(TM)." OEM's design and manufacture accessories t match the specific requirements of their phones, satisfying most demanding customer. You can trust the high quality a performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
449047 I EACH	Audiovox DIC9100 I Year	Serial data kit. Includes serial cable and software. Allows for connectivity between phone and PC laptop.	110.35 0.5 0.23	70 65 60

External Antenna Kits for Portables [362-40]

Wireless Solutions Antenna Cables



480356

Wireless Solutions Antenna Cables and Antenns

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 480356 I EACH	Wireless Solutions 478189U I Year	Antenna Adapter Cable. CDM9100, 9150, 9155. Use Dual Band Mini Mag-Mount Antenna SKU# 444380.	11.00 0.25 0.11	6 5 5

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See TESSCO.com for latest pricing and pro
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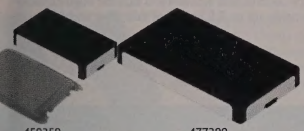
Compatible Phone Models:

Audiovox CDM-9500

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

diovox Portable Phone Batteries



459359 477388

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

No. Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 359 ACH	Audiovox BTE9500VW 1 Year	Extended battery and cover. Retail packaged. 1000 mAh Lilo	57.30 0.25 0.11	37.21 34.59 31.96
EW 388 ACH	Audiovox BTR9500VW 1 Year	Standard battery. Retail packaged. 650 mAh Lilo	46.40 0.25 0.11	30.21 28.09 25.96

Battery Conditioning Units [305-10]

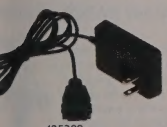
diovox Desktop Chargers

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 366 ACH	Audiovox DTC9500 1 Year	Desktop charger	73.65 0.48 0.22	47.25 43.88 40.50

Chargers, Desk Top, Travel [305-60]

diovox Travel Charger



425389

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 389 ACH	Audiovox CNR9100 1 Year	AC travel charger. Retail packaged.	47.75 0.5 0.23	31.09 28.90 26.71

Waterproof Cases, Belt Clips [310-60]

Audiovox Belt Clips

434345

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 434345 1 EACH	Audiovox BC9500VW 1 Year	Holster with rotating clip. Retail packaged.	6.85 0.05 0.02	4.84 4.53 4.21

Wireless Solutions Beltclips

30754

Belt clips designed to conveniently snap onto the phone to securely hold it in place. Holds the phone without the need for a leather carry case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30754 1 EACH	Wireless Solutions 30754 Lifetime	Universal Belt Clip includes three different swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21

Headsets [262-10]

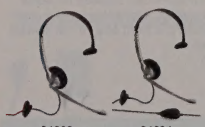
Bluetooth Headsets

435389

The Motorola Bluetooth headset provides a cordless connection to your mobile phone. Carry on handsfree conversation without the restriction of a cord.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 435389 1 EACH	Jabra Corporation 100-91030000-02 1 Year	Freespeak Bluetooth Headset with 2.5mm headset jack.	179.95 0.45 0.2	143.06 123.09 114.99

Plantronics Over-The-Head Headsets



36909 36926

All Plantronics over-the-head wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36909 1 EACH	Plantronics M110 1 Year	Flexible headband on this over-the-head headset provides stability and comfort.	24.20 0.4 0.18	16.06 12.59 12.08
36926 1 EACH	Plantronics M114 1 Year	Flexible headband on this over-the-head style headset provides stability and comfort. Includes in-line volume control.	26.80 0.4 0.18	17.80 13.95 13.39

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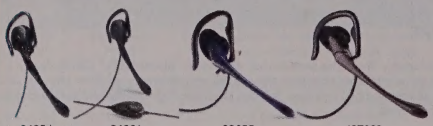
Audiovox CDM-9500

Plantronics Over-The-Ear Headsets

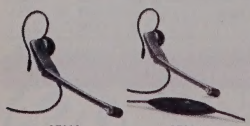


36954 36981 32055 497082

All Plantronics over-the-ear wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hard-wired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36954 1 EACH	Plantronics M120 1 Year	Lightweight comfort in an over-the-ear style headset.	24.20 0.25 0.11	16.06 12.59 12.08
36981 1 EACH	Plantronics M124 1 Year	Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80 0.24 0.11	17.80 13.95 13.39
32055 1 EACH	Plantronics M130 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic-blue, blurple color.	29.50 0.22 0.1	19.59 15.36 14.73
NEW **433174** 1 EACH	Plantronics M135/BLUE 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, blurple color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55
497082 1 EACH	Plantronics M135/ESPRESSO 1 Year	Superior comfort and sleek design in this over-the-ear headset. Espresso color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55

Plantronics In-The-Ear Headsets

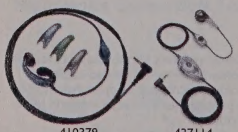


37000 37004

All Plantronics in-the-ear boom-style wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37000 1 EACH	Plantronics M140/CHARCOAL 1 Year	Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11	24.31 19.06 18.28
NEW **467122** 1 EACH	Plantronics M140/SILVER 1 Year	Ultra-light comfort with this in-the-ear style headset. Silver color.	36.60 0.25 0.11	24.31 19.06 18.28
37004 1 EACH	Plantronics M145 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11	28.22 22.12 21.22

Plantronics Discreet Earbud Headsets

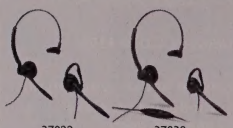


410379 437114

All Plantronics earbud headsets for wireless phones feature Flexfit(TM) design for increased stability, RF noise shielded cable, advanced speaker technology, and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **410379** 1 EACH	Plantronics MX100 1 Year	Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19.59 15.36 14.73
437114 1 EACH	Plantronics M205 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09	19.59 15.36 14.73

Plantronics Convertible Headsets



37022 37030

All Plantronics convertible style wireless phone heads feature a noise-canceling microphone, RF noise shielde cable, advanced speaker technology, microphone-adjus switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
37022 1 EACH	Plantronics M170 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18	31. 24. 23.
37030 1 EACH	Plantronics M175 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22	35. 27. 26.

Plantronics Cordless Headsets

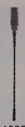
467353

Cut the Cord(TM) with Bluetooth(TM) wireless headsets from Plantronics. Plantronics over-the-ear cordless headsets feature an adjustable noice cance microphone, volume/mute control and answer/end button. High-capacity rechargeable batteries provide up to 2.5 hours of talk time and 60 hours of standby.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW **467353** 1 EACH	Plantronics M1500 BLUE-TOOTH 1 Year	Bluetooth headset. Over-the-ear style with answer/end button and volume/mute control. Includes Bluetooth adapter, AC adapter and rechargeable battery. Blue-tooth version 1.1.	250.70 0.25 0.11	166 130 125

Retractable/Replacement Antennas [385-65]

Audiovox Retractable Antennas



460373

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW **460373** 1 EACH	Audiovox ANT9500VW 90 Days	Retractable replacement antenna	18.45 0.05 0.02	11. 10. 10.

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Audiovox CDM130, 135, 8100, PCX1100,

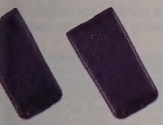
Compatible Phone Models:

Audiovox CDM130
Audiovox CDM130XL
Audiovox CDM135
Audiovox CDM8100
Audiovox PCX1100XL

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

diovox Portable Phone Batteries



418052 478041

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

No. Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
3052 ACH	Audiovox BTE-1100 90 Days	Extended Battery Black 1600mah Lilo TT 230 minutes/ST 404 hours	62.75 0.3 0.14	40.71 37.84 34.96
3041 ACH	Audiovox BTR-1100 90 Days	Slim Battery Black 1000 mAh Lilo TT 185 minutes/ST 260 hours	50.30 0.3 0.14	32.73 30.43 28.12

reless Solutions Batteries

419098

h Quality, Great Value

- Available with merchandising system that drives multiple and repeat purchases to improve overall profitability

ractive retail packaging that promotes self selec- n and consumer education

No. Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
9098 ACH	Wireless Solutions 490094U 1 Year	Replacement Battery Black 900 mAh Lilo 1 to 4 hours DTT/1 to 6 days DST	30.55 0.2 0.09	21.52 17.51 15.76

Vehicle Power Adapters [275-10]

diovox (OEM) Vehicle Power Adapters

8041

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories. These products are used by directly plugging onto the phone without removing the battery. Provides power to the phone and charges the battery at the same time.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
3041 ACH	Audiovox CLC-1100 90 Days	Cigarette lighter charger. Retail Packaged.	15.70 0.31 0.14	10.53 9.81 9.09

Wireless Solutions Vehicle Power Adapter

415016

Wireless Solutions Vehicle adapters are a great value, and high quality. Quality tested cable returns to original shape after multiple stretches. Attractive retail packaging.

- Variable rate charging for safety & convenience (no overcharging)
- Enough current to make a call with a discharged battery
- Attractive retail packaging that promotes self selection and consumer education
- Available with revolutionary merchandising system that drives multiple and repeat purchase to improve overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
415016 1 EACH	Wireless Solutions 470188U Lifetime	Vehicle Power Adapter. Retail Packaged.	23.00 0.2 0.09	7.24 5.91 4.60

Chargers, Desk Top, Travel [305-60]

Audiovox Charger

427076

- Audiovox rapid desk top charger. Charges both phone and spare battery.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
427076 1 EACH	Audiovox TRC-1100 90 Days	Travel Charger	24.45 0.4 0.18	16.13 15.01 13.89

Audiovox Desktop Charger

440036

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
440036 1 EACH	Audiovox DTC1100 90 Days	Desktop charger with AC power adapter. Retail packaged.	60.45 0.73 0.33	38.78 36.01 33.24

Wireless Solutions Travel Charger

416081

- Plugs into any 110 volt outlet
- Use your phone while it is charging
- Rapid Charges batteries in about 2-4 hours
- Attractive retail packaging that promotes self selection and consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
416081 1 EACH	Wireless Solutions 488056U Lifetime	Travel charger	14.50 0.25 0.11	10.31 8.30 6.30

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Audiovox CDM130, 135, 8100, PCX1100, 1110

Cases for Portable Cellular Phones [310-10]

Audiovox OEM Phone Cases

417056

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
417056 1 EACH	Audiovox LB-1100 90 Days	Leather Case. Retail packaged. Black	10.90 0.3 0.14	7.46 6.96 6.46

Wireless Solutions Cases

452098

- High quality leather
- Nylon stitching
- Leather covered rust resistant spring clip
- Mylar plastic that will not yellow or crack
- Environmentally tested to ensure durability
- Attractive retail packaging that promotes self selectionand consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
452098 1 EACH	Wireless Solutions 473088U Lifetime	Leather case with built-in swivel and belt clip. Vinyl over LCD only. Retail packaged. Black	11.60 0.3 0.14	7.50 6.87 6.30

Waterproof Cases, Belt Clips [310-60]

Wireless Solutions Beltclips

30754 413338

Belt clips designed to conveniently snap onto the phone to securely hold it in place. Holds the phone without the need for a leather carry case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30754 1 EACH	Wireless Solutions 30754 Lifetime	Universal Belt Clip includes three different swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21
NEW **413338** 1 EACH	Wireless Solutions 458379U Lifetime	Universal Belt Clip includes two swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21

Hands Free Kits, Mics, Headsets [262-09]

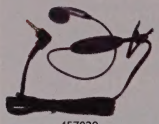
Audiovox Hands-Free Kit

The Audiovox hands free car kit allows for mobile mounting of Audiovox portable phones. Kit includes cradle, speaker, mic, mount, external antenna connection and wiring.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **468191** 1 EACH	Audiovox HF1100A 90 Days	Installed handsfree car kit. External antenna port, cradle, speaker, mic, mount and wiring hardware are included.	379.10 4 1.82	243.25 225.88 208.50

Headsets [262-10]

Audiovox Ear Mic/Handsfree

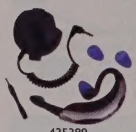


457029

Audiovox "Bud" type hands-free earphone microphone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW **488143** 1 EACH	Audiovox HS911B 1 Year	Universal ear boom headset. Retail packaged.	16.40 0.25 0.11	10.5 10.2 9.4
457029 1 EACH	Audiovox EM3500 90 Days	Earbud headset	15.70 1 0.45	10.5 9.8 9.0

Bluetooth Headsets



435389

The Motorola Bluetooth headset provides a cordless connection to yo mobile phone. Carry on handsfree conversation without the restriction a cord.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW **435389** 1 EACH	Jabra Corporation 100-91030000-02 1 Year	Freespeak Bluetooth Headset with 2.5mm headset jack.	179.95 0.45 0.2	143. 123. 114.

Jabra In-the-Ear Headset

The JABRA Corporation's headset features an innovative in-the-ear speaker and microphone. Built-in noise reductio technology for clear transmissions. Totally portable and di tal-ready. Four-foot cable, six EarGels and standard 2.5 mm plug for direct connection to mobile phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
65303 1 EACH	Jabra Corporation ES2.5MM302 1 year	Earset with six comfort ear-gels. Fits any phone with a 2.5mm jack.	31.35 0.15 0.07	17.8 15.6 15.3

Jabra EarBoom Headset

413032

"Fits-your-face," flexible mini-boom is comfortable and non-intrusive. For th who need to talk and listen "on the move." The custom-fit EarGel channels sound into your ear for great reception.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
413032 1 EACH	Jabra Corporation EM2.5MM302 1 year	EarBoom with Universal 2.5mm Connector	24.95 0.3 0.14	14.2 12.4 12.2

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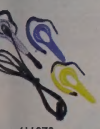
bra EarBud Headset

481060

The JABRA EarBud is the most cost-effective, JABRA solution for mobile phone users wanting a hands-free alternative at a value price. The JABRA EarBud uses the patented EarGel for a secure fit and contemporary styling. Unlike the EarSet and Ear Boom solutions, the EarBud integrates the microphone as part of the cable leading from the ear to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1060 ACH	Jabra Corporation EB2.5MM302 1 Year	2.5mm EarBud with three EarGels	19.95 0.25 0.11	11.38 9.98 9.78

bra EarWrap Headset

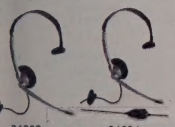


411070

The JABRA EarWrap: noise-canceling mic, sleek, lightweight design, colorful accessories. Choose from snap-on boom covers and flex-forming ear wraps in sleek tones of silver, blue and yellow.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1070 ACH	Jabra Corporation EW2.5MM402 1 Year	EarWrap with 2.5mm Universal connector, 3 color faceplates and 3 conforming earhooks.	29.95 0.25 0.11	17.08 14.98 14.68

antronics Over-The-Head Headsets



36909 36926

All Plantronics over-the-head wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
909 ACH	Plantronics M110 1 Year	Flexible headband on this over-the-head headset provides stability and comfort.	24.20 0.4 0.18	16.06 12.59 12.08
926 ACH	Plantronics M114 1 Year	Flexible headband on this over-the-head style headset provides stability and comfort. Includes in-line volume control.	26.80 0.4 0.18	17.80 13.95 13.39

antronics Over-The-Ear Headsets

954 36981 32055 497082

Plantronics over-the-ear wireless phone headsets feature a noise-cancelling microphone, RF ise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing . Available in a standard 2.5mm plug or hard-wired for specific Nokia phones.

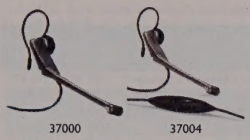
nuing product table (1 of 2)

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
954 ACH	Plantronics M120 1 Year	Lightweight comfort in an over-the-ear style headset.	24.20 0.25 0.11	16.06 12.59 12.08
981 ACH	Plantronics M124 1 Year	Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80 0.24 0.11	17.80 13.95 13.39
055 ACH	Plantronics M130 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic-blue, blurple color.	29.50 0.22 0.1	19.59 15.36 14.73
EW 174 ACH	Plantronics M135/BLUE 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, blurple color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
497082 1 EACH	Plantronics M135/ESPRESSO 1 Year	Superior comfort and sleek design in this over-the-ear headset. Espresso color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55

Plantronics In-The-Ear Headsets

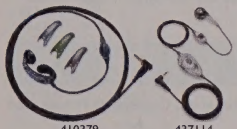


37000 37004

All Plantronics in-the-ear boom-style wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37000 1 EACH	Plantronics M140/CHARCOAL 1 Year	Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11	24.31 19.06 18.28
NEW 467122 1 EACH	Plantronics M140/SILVER 1 Year	Ultra-light comfort with this in-the-ear style headset. Silver color.	36.60 0.25 0.11	24.31 19.06 18.28
37004 1 EACH	Plantronics M145 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11	28.22 22.12 21.22

Plantronics Discreet Earbud Headsets

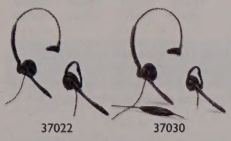


410379 437114

All Plantronics earbud headsets for wireless phones feature Flexfit(TM) design for increased stability, RF noise shielded cable, advanced speaker technology, and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 410379 1 EACH	Plantronics MX100 1 Year	Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19.59 15.36 14.73
437114 1 EACH	Plantronics M205 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09	19.59 15.36 14.73

Plantronics Convertible Headsets



37022 37030

All Plantronics convertible style wireless phone headsets feature a noise-canceling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37022 1 EACH	Plantronics M170 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18	31.25 24.50 23.50
37030 1 EACH	Plantronics M175 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22	35.16 27.57 26.44

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Audiovox CDM130, 135, 8100, PCX1100, 1110

Plantronics Cordless Headsets

467353

Cut the Cord(TM) with Bluetooth(TM) wireless headsets from Plantronics. All Plantronics over-the-ear cordless headsets feature an adjustable noice cancelling microphone, volume/mute control and answer/end button. High-capacity rechargeable batteries provide up to 2.5 hours of talk time and 60 hours of standby.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **467353** 1 EACH	Plantronics M1500 BLUE-TOOTH 1 Year	Bluetooth headset. Over-the-ear style with answer/end button and volume/mute control. Includes Bluetooth adapter, AC adapter and rechargeable battery. Blue-tooth version 1.1.	250.70 0.25 0.11	166.67 130.67 125.34

Wireless Solutions 2.5mm Earwrap

460165

The Wireless Solutions EarWrap: noise-canceling mic, sleek, lightweight design, colorful accessories. Choose from snap-on boom covers and flex-forming ear wraps in sleek tones of silver, blue and yellow.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
460165 1 EACH	Wireless Solutions 466053U Lifetime	Earwrap with colored faceplates and 2.5mm connector.	27.50 0.4 0.18	16.17 14.25 13.97

Wireless Solutions EarBoom Headset

424099

Wireless Solutions In The Ear headset features a boom mic. Comfortable. Provide good mic sound as well as in the ear speaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
424099 1 EACH	Wireless Solutions 484028U Lifetime	Earboom Headset with 2.5mm jack. Includes six eargels.	31.00 0.3 0.14	13.31 11.32 9.31

Wireless Solutions EarBud Headset

445052

The Wireless Soluitons EarBud is the most cost-effective, solution for mobile phone users wanting a hands-free alternative at a value price. The EarBud integrates the microphone as part of the cable leading from the ear to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
445052 1 EACH	Wireless Solutions 438045U Lifetime	Earbud Headset with 2.5mm jack. Includes six eargels.	27.00 0.3 0.14	12.09 10.09 8.09

Portable Cellular Phone Accessory Kit [262-50]

Wireless Solutions Starter Kits

• Includes leather case and vehicle power adapter. Wireless Solutions Retail Package.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
465188 1 EACH	Wireless Solutions 478090U Lifetime	Starter Kit. Leather Case with built-in swivel, beltclip and VPA.	33.00 0.5 0.23	1 1 9

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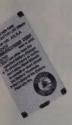
Compatible Phone Models:

Audiovox CDM9100

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

udiovox Portable Phone Batteries



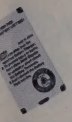
417051

441105

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

rt No. /Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
7051 EACH	Audiovox BTR9100 1 Year	Replacement battery. Retail packaged. 750 mAh Lilo 170 minutes DTT/270 hours DST	81.85 0.25 0.11	52.96 49.21 45.46
1105 EACH	Audiovox 26077098 1 Year	Battery Cover Black	6.10 0.15 0.07	3.92 3.64 3.36

ireless Solutions Batteries



478190

gh Quality, Great Value

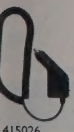
tractive retail packaging that promotes self selec-
on and consumer education

- Available with merchandising system that drives multiple and repeat purchases to improve overall profitability

rt No. /Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
8190 EACH	Wireless Solutions 425134U Lifetime	Internal Replacement Battery Black 700mah Lilo 1 to 4 hours DTT/1 to 5 days DST	30.55 0.25 0.11	21.52 17.51 15.76

Vehicle Power Adapters [275-10]

udiovox (OEM) Vehicle Power Adapters



415026

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories. These products are used by directly plugging onto the phone without removing the battery. Provides power to the phone and charges the battery at the same time.

rt No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
5026 EACH	Audiovox CLC9100 1 Year	Cigarette lighter charger. Retail Packaged.	15.70 0.5 0.23	10.53 9.81 9.09

Wireless Solutions Vehicle Power Adapter

444142

Wireless Solutions Vehicle adapters are a great value, and high quality. Quality tested cable returns to original shape after multiple stretches. Attractive retail packaging.

- Variable rate charging for safety & convenience (no overcharging)
- Enough current to make a call with a discharged battery
- Attractive retail packaging that promotes self selection and consumer education
- Available with revolutionary merchandising system that drives multiple and repeat purchase to improve overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
444142 1 EACH	Wireless Solutions 495172U Lifetime	Vehicle Power Adapter. Retail Packaged.	23.00 0.4 0.18	7.24 5.91 4.60

Battery Conditioning Units [305-10]

Audiovox Desktop Chargers

435077

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
435077 1 EACH	Audiovox DTC9100 1 Year	Desktop charger	64.10 0.48 0.22	41.13 38.19 35.25

Face Plates [311-10]

Audiovox CDM9100 Faceplates

489073 445027 499037 498081

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
489073 1 EACH	Audiovox PCP9100AM 90 Days	Faceplate - Amethyst	19.00 0.25 0.11	12.63 11.76 10.89
445027 1 EACH	Audiovox PCP9100BM 90 Days	Faceplate - Blue Mist	19.00 0.25 0.11	12.63 11.76 10.89
499037 1 EACH	Audiovox PCP9100PW 90 Days	Faceplate - Pewter	19.00 0.25 0.11	12.63 11.76 10.89
498081 1 EACH	Audiovox PCP9100SG 90 Days	Faceplate - Slate Green	19.00 0.25 0.11	12.63 11.76 10.89

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Audiovox CDM9100

FPF Fun Friends

Fun Friends are leading the way with adorable characters that give new attitude to these otherwise dull products. Fun Friends are a perfect match for all who enjoy plush characters ranging from Funky the Monkey to Tadpole our Lime Green Frog.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 417318 1 EACH	funphonefriend.com A-05 30 days	Fun Friends phone cover. Tapole Frog	15.00 0.32 0.15	6.50 5.75 5.21
NEW 425345 1 EACH	funphonefriend.com A-01 30days	FunFriends phone cover. Bully-Bulldog	15.00 0.32 0.15	6.50 5.75 5.21
NEW 440370 1 EACH	funphonefriend.com A-22 30 days	Fun Friends Funky- Monkey	15.00 0.32 0.15	6.50 5.75 5.21
NEW 441386 1 EACH	funphonefriend.com A-3 30 days	Fun Friends phone covers. Floppy Reg	15.00 0.32 0.15	6.50 5.75 5.21
NEW 454305 1 EACH	funphonefriend.com A-19 30 days	FunFriends phone cover. ALI- Aligator	15.00 0.32 0.15	6.50 5.75 5.21
NEW 472388 1 EACH	funphonefriend.com A-17 30 days	FunFriends phone cover. Beary- Lavender Bear	15.00 0.32 0.15	6.50 5.75 5.21
NEW 474325 1 EACH	funphonefriend.com A-27 30 days	Fun Friends phone cover. Santa	15.00 0.32 0.15	6.50 5.75 5.21
NEW 481374 1 EACH	funphonefriend.com A-15 30 days	Fun Friends phone covers. Dangles- Dog Hanging Legs	15.00 0.32 0.15	6.50 5.75 5.21
NEW 482389 1 EACH	funphonefriend.com A-24 30 days	Fun Friends phone covers. Munchie- Manatee	15.00 0.32 0.15	6.50 5.75 5.21
NEW 486359 1 EACH	funphonefriend.com A-10 30 days	Fun Friends phone covers. Kit Kat- Cat	15.00 0.32 0.15	6.50 5.75 5.21
NEW 488341 1 EACH	funphonefriend.com A-7 30 days	Fun Friends phone cover. Larry -Lobster	15.00 0.32 0.15	6.50 5.75 5.21
NEW 490397 1 EACH	funphonefriend.com A-21 30 days	Fun Friends phone covers. Cheeser- Mouse	15.00 0.32 0.15	6.50 5.75 5.21
NEW 491340 1 EACH	funphonefriend.com A-09 30 days	Fun Friends phone covers. Oinky- Pig	15.00 0.32 0.15	6.50 5.75 5.21
NEW 499325 1 EACH	funphonefriend.com A-20 30 days	Fun Friends phone covers. Moo Moo- Cow	15.00 0.32 0.15	6.50 5.75 5.21

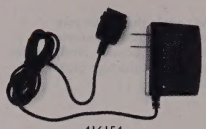
Chargers, Desk Top, Travel [305-60]

Audiovox Travel Charger

Original accessories... "from the peo that made your phone(TM)." OEMs design and manufacture accessories match the specific requirements of phones, satisfying the most demandi customer. You can trust the high qua and performance of original accesso

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 425389 1 EACH	Audiovox CNR9100 1 Year	AC travel charger. Retail packaged.	47.75 0.5 0.23	31 28 26
NEW 479192 1 EACH	Audiovox TRC9100 1 Year	Spare battery travel charger. Charges spare battery only. Retail box.	28.65 0.5 0.23	18 17 16

Wireless Solutions Travel Charger



- Plugs into any 110 volt outlet
- Use your phone while it is charging
- Rapid Charges batteries in about 2-4 hours
- Attractive retail packaging that promotes self sel tion and consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
416154 1 EACH	Wireless Solutions 465153U Lifetime	Travel Charger	14.50 0.4 0.18	10. 8. 6.

Cases for Portable Cellular Phones [310-10]

Audiovox OEM Phone Cases

Original accessories... "from the people that made your phone(TM)." OEMs design manufacture accessories to match the specific requirements of their phones, satisf the most demanding customer. You can trust the high quality and performance of inal accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
414010 1 EACH	Audiovox LB9100 1 Year	Leather case with detachable belt clip. Vinyl face covers the LCD. Retail packaged. Black	10.90 1 0.45	7. 6. 6.

Wireless Solutions Cases

- High quality leather
- Nylon stitching
- Leather covered rust resistant spring clip
- Mylar plastic that will not yellow or crack
- Environmentally tested to ensure durability
- Attractive retail packaging that promotes self sel tionand consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
477131 1 EACH	Wireless Solutions 490190 Lifetime	Leather Case with swivel and belt clip. Retail packaged. Black	11.60 0.3 0.14	7. 6. 6.

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Waterproof Cases, Belt Clips [310-60]

ıdiovox Belt Clips

1064

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1064 ACH	Audiovox BC9100 1 Year	Belt clip. Retail packaged.	8.20 0.05 0.02	5.71 5.34 4.96

/ireless Solutions Beltclips

30754 413338

Belt clips designed to conveniently snap onto the phone to securely hold it in place. Holds the phone without the need for a leather carry case.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
0754 ACH	Wireless Solutions 30754 Lifetime	Universal Belt Clip includes three different swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21
EW 3338 ACH	Wireless Solutions 458379U Lifetime	Universal Belt Clip includes two swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21

Hands Free Kits, Mics, Headsets [262-09]

ıdiovox Hands-Free Kit

419088

The Audiovox hands free car kit allows for mobile mounting of Audiovox portable phones. Kit includes cradle, speaker, mic, mount, external antenna connection and wiring.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
9088 ACH	Audiovox HF9100M 90 Days	Installed handsfree car kit. External antenna port, cradle, speaker, mic, mount and wiring hardware are included.	395.45 2.9 1.32	253.75 235.63 217.50

Headsets [262-10]

ıdiovox Ear Mic/Handsfree

493078

Audiovox "Bud" type hands-free earphone microphone.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 8143 ACH	Audiovox HS911B 1 Year	Universal ear boom headset. Retail packaged.	16.40 0.25 0.11	10.96 10.21 9.46
3078 ACH	Audiovox EM425 90 Days	Bud type hands-free earphone microphone.	6.85 1 0.45	4.84 4.53 4.21

Bluetooth Headsets

435389

The Motorola Bluetooth headset provides a cordless connection to your mobile phone. Carry on handsfree conversation without the restriction of a cord.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 435389 1 EACH	Jabra Corporation 100-91030000-02 1 Year	Freespeak Bluetooth Headset with 2.5mm headset jack.	179.95 0.45 0.2	143.06 123.09 114.99

Jabra In-the-Ear Headset

The JABRA Corporation's headset features an innovative all-in-the-ear speaker and microphone. Built-in noise reduction technology for clear transmissions. Totally portable and digital-ready. Four-foot cable, six EarGels and standard 2.5 mm plug for direct connection to mobile phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
65303 1 EACH	Jabra Corporation ES2.5MM302 1 year	Earset with six comfort ear-gels. Fits any phone with a 2.5mm jack.	31.35 0.15 0.07	17.86 15.67 15.36

Jabra EarBoom Headset

413032

"Fits-your-face," flexible mini-boom is comfortable and non-intrusive. For those who need to talk and listen "on the move." The custom-fit EarGel channels sound into your ear for great reception.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
413032 1 EACH	Jabra Corporation EM2.5MM302 1 year	EarBoom with Universal 2.5mm Connector	24.95 0.3 0.14	14.23 12.48 12.23

Jabra EarBud Headset

481060

The JABRA EarBud is the most cost-effective, JABRA solution for mobile phone users wanting a hands-free alternative at a value price. The JABRA EarBud uses the patented EarGel for a secure fit and contemporary styling. Unlike the EarSet and Ear Boom solutions, the EarBud integrates the microphone as part of the cable leading from the ear to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
481060 1 EACH	Jabra Corporation EB2.5MM302 1 Year	2.5mm EarBud with three EarGels	19.95 0.25 0.11	11.38 9.98 9.78

Jabra EarWrap Headset

411070

The JABRA EarWrap: noise-canceling mic, sleek, lightweight design, colorful accessories. Choose from snap-on boom covers and flex-forming ear wraps in sleek tones of silver, blue and yellow.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
411070 1 EACH	Jabra Corporation EW2.5MM402 1 Year	EarWrap with 2.5mm Universal connector, 3 color faceplates and 3 conforming earhooks.	29.95 0.25 0.11	17.08 14.98 14.68

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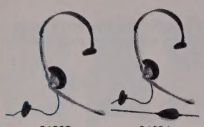
Audiovox CDM9100

Plantronics Over-The-Head Headsets

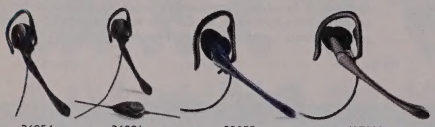


36909 36926

All Plantronics over-the-head wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36909 1 EACH	Plantronics M110 1 Year	Flexible headband on this over-the-head headset provides stability and comfort.	24.20 0.4 0.18	16.06 12.59 12.08
36926 1 EACH	Plantronics M114 1 Year	Flexible headband on this over-the-head style headset provides stability and comfort. Includes in-line volume control.	26.80 0.4 0.18	17.80 13.95 13.39

Plantronics Over-The-Ear Headsets

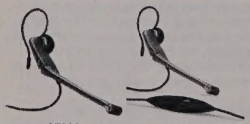


36954 36981 32055 497082

All Plantronics over-the-ear wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hard-wired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36954 1 EACH	Plantronics M120 1 Year	Lightweight comfort in an over-the-ear style headset.	24.20 0.25 0.11	16.06 12.59 12.08
36981 1 EACH	Plantronics M124 1 Year	Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80 0.24 0.11	17.80 13.95 13.39
32055 1 EACH	Plantronics M130 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic-blue, blurple color.	29.50 0.22 0.1	19.59 15.36 14.73
NEW **433174** 1 EACH	Plantronics M135/BLUE 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, blurple color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55
497082 1 EACH	Plantronics M135/ESPRESSO 1 Year	Superior comfort and sleek design in this over-the-ear headset. Espresso color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55

Plantronics In-The-Ear Headsets

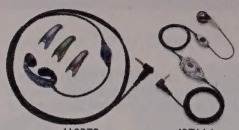


37000 37004

All Plantronics in-the-ear boom-style wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37000 1 EACH	Plantronics M140/CHARCOAL 1 Year	Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11	24.31 19.06 18.28
NEW **467122** 1 EACH	Plantronics M140/SILVER 1 Year	Ultra-light comfort with this in-the-ear style headset. Silver color.	36.60 0.25 0.11	24.31 19.06 18.28
37004 1 EACH	Plantronics M145 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11	28.22 22.12 21.22

Plantronics Discreet Earbud Headsets

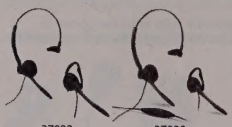


410379 437114

All Plantronics earbud headsets for wireless phones ture Flexfit(TM) design for increased stability, RF noi shielded cable, advanced speaker technology, and a c ing clip. Available in a standard 2.5mm plug or hardw for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW **410379** 1 EACH	Plantronics MX100 1 Year	Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19 15 14
437114 1 EACH	Plantronics M205 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09	19 15 14

Plantronics Convertible Headsets



37022 37030

All Plantronics convertible style wireless phone heads feature a noise-canceling microphone, RF noise shield cable, advanced speaker technology, microphone-adju switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
37022 1 EACH	Plantronics M170 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18	31 24 23
37030 1 EACH	Plantronics M175 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22	35 27 26

Plantronics Cordless Headsets

467353

Cut the Cord(TM) with Bluetooth(TM) wireless headsets from Plantronics. Plantronics over-the-ear cordless headsets feature an adjustable noice cance microphone, volume/mute control and answer/end button. High-capacity rechargeable batteries provide up to 2.5 hours of talk time and 60 hours of standby.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW **467353** 1 EACH	Plantronics M1500 BLUE-TOOTH 1 Year	Bluetooth headset. Over-the-ear style with answer/end button and volume/mute control. Includes Bluetooth adapter, AC adapter and rechargeable battery. Bluetooth version 1.1.	250.70 0.25 0.11	166 130 125

Wireless Solutions 2.5mm Earwrap

460165

The Wireless Solutions EarWrap: noise-canceling mic, sleek, lightweigh design, colorful accessories. Choose from snap-on boom covers and fl forming ear wraps in sleek tones of silver, blue and yellow.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
460165 1 EACH	Wireless Solutions 466053U Lifetime	Earwrap with colored faceplates and 2.5mm connector.	27.50 0.4 0.18	16. 14. 13.

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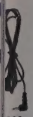
ireless Solutions EarBoom Headset



099

Wireless Solutions In The Ear headset features a boom mic. Comfortable. Provide good mic sound as well as in the ear speaker.

rt No. y/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
4099 EACH	Wireless Solutions 484028U Lifetime	Earboom Headset with 2.5mm jack. Includes six eargels.	31.00 0.3 0.14	13.31 11.32 9.31

ireless Solutions EarBud Headset

445052

The Wireless Soluitons EarBud is the most cost-effective, solution for mobile phone users wanting a hands-free alternative at a value price. The EarBud integrates the microphone as part of the cable leading from the ear to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

rt No. y/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
15052 EACH	Wireless Solutions 438045U Lifetime	Earbud Headset with 2.5mm jack. Includes six eargels.	27.00 0.3 0.14	12.09 10.09 8.09

Portable Cellular Phone Accessory Kit [262-50]

udiovox Combo Packs

485117

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

rt No. y/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
35117 EACH	Audiovox 421015/426005 1 Year	Combo kit. Includes leather case and cigarette lighter charger	26.60 1.5 0.68	17.53 16.31 15.09

Vireless Solutions Starter Kits

83166

cludes leather case and vehicle power adapter. Wireless Solutions Retail Package.

rt No. y/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
83166 EACH	Wireless Solutions 495172U Lifetime	Starter Kit - Includes open-face leather case with built-in swivel and belt clipp. VPA.	33.00 0.5 0.23	13.90 11.92 9.90

Retractable/Replacement Antennas [385-65]

Audiovox Retractable Antennas

86329

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
86329 1 EACH	Audiovox 26019387 90 Days	Retractable replacement antenna	18.25 0.05 0.02	11.69 10.86 10.02

Data Interfaces for Portable Phones [260-12]

Audiovox Data Cables

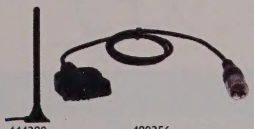
449047

Original accessories... "from the people that made your phone(TM)." OEM's design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
449047 1 EACH	Audiovox DIC9100 1 Year	Serial data kit. Includes serial cable and software. Allows for connectivity between phone and PC laptop.	110.35 0.5 0.23	70.80 65.74 60.68

External Antenna Kits for Portables [362-40]

Wireless Solutions Antenna Cables



444380 480356

Wireless Solutions Antenna Cables and Antenns

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 444380 1 EACH	Wireless Solutions 454106U 1 Year	Dual Band Mini-Magnetic Mount Antenna connects to RF adapter.	19.70 0.25 0.11	11.22 9.89 9.43
NEW 480356 1 EACH	Wireless Solutions 478189U 1 Year	Antenna Adapter Cable. CDM9100, 9150, 9155. Use Dual Band Mini Mag-Mount Antenna SKU# 444380.	11.00 0.25 0.11	6.50 5.75 5.50

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Blackberry Accessory Quick Pick

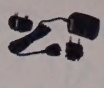
Blackberry 5810

BB 5810 Plastic Holster
RIM
ACC-03447-002
SKU 464397

BB 5810 Docking Cradle
RIM
ACC-03731-003
SKU 412367

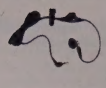
BB 5810, Auto Charger
RIM
ACC-03520-001
SKU 421391

BB 5810, Travel Charger
RIM
ACC-03581-001
SKU 440369



Travel Charger
RIM
ACC-04172-001
SKU 463392

BB 5810 SIM Card Drawer
RIM
ACC-03818-002
SKU 428363



BB 5810, Headset
RIM
ACC-03818-001
SKU 467330

Blackberry 6710

Illustration not currently available

Plastic Holster
RIM
ACC-04746-003
SKU 460390

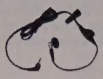
Docking/Charging Cradle
RIM
ACC-04746-005
SKU 457370

Illustration not currently available

BB 6710, Auto Charger
RIM
ACC-04051-001
SKU 450373

Travel Charger
RIM
ACC-04172-001
SKU 463392

Battery Door
RIM
ASY-04888-001
SKU 477333



Headset
RIM
ACC-03731-006
SKU 450328

TESSCO TECHNOLOGIES®
NORTH AMERICA 800-955-9997
REST OF WORLD +1 410-229-1200
FAX 410-527-0005
WWW.TESSCO.COM
NEW = New Listing. Pricing for reference
See TESSCO.com for latest pricing and prod
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Compatible Phone Models:

Rim Blackberry 5810

If you do not see your phone model listed, please call 800-955-9997.

Accessories for Handheld Computers [264-12]

M Blackberry Carry Solutions

397

No. Jom	Manufacturer Mfg. P/N Warranty	Description Authorized Dealers	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W	RIM	Blackberry 5810 Ratcheting Holster	14.95	8.97
397	ACC-03447-002	T-Mobile Authorized Dealers Only	0.16	8.97
CH	DOA Items Only		0.07	8.97

M Blackberry Docking/Charging Cradles

412367

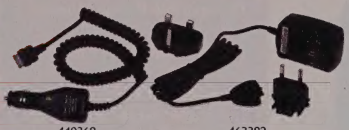
No. Jom	Manufacturer Mfg. P/N Warranty	Description Authorized Dealers	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W	RIM	Blackberry 5810 Docking and Charging Cradle with	59.00	51.63
367	ACC-03731-003	built-in serial cable. Includes AC adapter.	0.94	51.63
CH	DOA Items Only	T-Mobile Authorized Dealers Only	0.43	51.63

M Blackberry Automotive Chargers

1391

No. Jom	Manufacturer Mfg. P/N Warranty	Description Authorized Dealers	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W	RIM	Blackberry 5810 Automotive Charger	29.95	17.97
391	ACC-03520-001	T-Mobile Authorized Dealers Only	0.32	17.97
CH	DOA Items Only		0.15	17.97

RIM Blackberry Travel Chargers



440369 463392

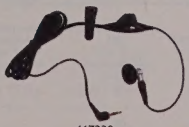
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Authorized Dealers	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	RIM	Blackberry 5810 Travel Charger	35.95	21.57
440369	ACC-03581-001	T-Mobile Authorized Dealers Only	0.4	21.57
1 EACH	DOA Items Only		0.18	21.57
NEW	RIM	Blackberry 6710 Travel Charger	35.95	21.57
463392	ACC-04172-001	T-Mobile Authorized Dealers Only	0.4	21.57
1 EACH	DOA Items Only		0.18	21.57

RIM Blackberry SIM and Battery Doors

428363

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Authorized Dealers	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	RIM	Blackberry 5810 SIM Card Drawer 10-pack	39.90	31.92
428363	ACC-03818-002	T-Mobile Authorized Dealers Only	0.05	31.92
10 PACK	DOA Items Only		0.02	31.92

RIM Blackberry Headsets



467330

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Authorized Dealers	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	RIM	Blackberry 5810 Headset with Answer/End switch.	24.95	14.97
467330	ACC-03818-001	T-Mobile Authorized Dealers Only	0.1	14.97
1 EACH	DOA Items Only		0.05	14.97

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Blackberry 6710

Compatible Phone Models:

Rim BLACKBERRY 6710

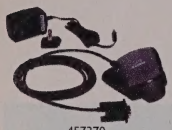
If you do not see your phone model listed, please call 800-955-9997.

Accessories for Handheld Computers [264-12]

RIM Blackberry Carry Solutions

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Authorized Dealers	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	RIM	Blackberry 6710 Holster	14.95	8.97
460390	ACC-04746-003	T-Mobile Authorized Dealers Only	0.16	8.97
1 EACH	DOA Items Only		0.07	8.97

RIM Blackberry Docking/Charging Cradles



457370

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Authorized Dealers	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	RIM	Blackberry 6710 Docking and Charging Cradle. Includes	89.00	77.88
457370	ACC-04746-005	AC adapter.	0.94	77.88
1 EACH	DOA Items Only	T-Mobile Authorized Dealers Only	0.43	77.88

RIM Blackberry Automotive Chargers

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Authorized Dealers	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	RIM	Blackberry 6710 Automotive Charger	29.95	17.97
450373	ACC-04051-001	T-Mobile Authorized Dealers Only	0.32	17.97
1 EACH	DOA Items Only		0.15	17.97

RIM Blackberry Travel Chargers

463392

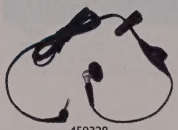
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Authorized Dealers	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW	RIM	Blackberry 6710 Travel Charger	35.95	21
463392	ACC-04172-001	T-Mobile Authorized Dealers Only	0.4	21
1 EACH	DOA Items Only		0.18	21

RIM Blackberry SIM and Battery Doors

477333

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Authorized Dealers	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW	RIM	Blackberry 6710 Battery Door	2.95	1.
477333	ASY-04888-001	T-Mobile Authorized Dealers Only	0.1	1.
1 EACH	DOA Items Only		0.05	1.

RIM Blackberry Headsets



450328

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Authorized Dealers	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW	RIM	Blackberry 6710 Headset.	24.95	14
450328	ACC-03731-006	T-Mobile Authorized Dealers Only	0.1	14
1 EACH	DOA Items Only		0.05	14

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WWW.TESSCO.COM
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See TESSCO.com for latest pricing and pro
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Ericsson Accessory Quick Pick

Ericsson 1228, R280/250

Ultra Slim Battery NM 6080
Sony Ericsson Mobile Comm.
BKB193105/75
SKU 413139

Battery, 550mah, NiMH
Wireless Solutions
19998
SKU 19998

Battery, 1350mah, NiMH
Wireless Solutions
64494
SKU 64494

Battery, Eric. 600 series
Multiplier
MAH630EH
SKU 67085

Vehicle Power and Charge
Sony Ericsson Mobile Comm.
BML1621017
SKU 86539

Vehicle Power Adapter
Wireless Solutions
40890
SKU 40890

Saver/Charger-Eric. 600
Superior Comm.
31821
SKU 39078

FPF Tapole Frog
funphonefriend.com
A-05
SKU 417318

FPF Bully-Bulldog
funphonefriend.com
A-01
SKU 425345

FPF Funky Monkey
funphonefriend.com
A-22
SKU 440370

FPF Floppy Reg-Brown Dog
funphonefriend.com
A-3
SKU 441386

FPF ALI-Alligator
funphonefriend.com
A-19
SKU 454305

FPF Beary - Lavender Bear
funphonefriend.com
A-17
SKU 472388

FPF Santa
funphonefriend.com
A-27
SKU 474325

FPF Dangles- Dog Hanging Legs
funphonefriend.com
A-15
SKU 481374

FPF Munchie-Manatee
funphonefriend.com
A-24
SKU 482389

FPF Kit Kat- Cat
funphonefriend.com
A-10
SKU 486359

FPF Larry-Lobster
funphonefriend.com
A-7
SKU 488341

FPF Cheeser Mouse
funphonefriend.com
A-21
SKU 490397

FPF Oinky Pig
funphonefriend.com
A-09
SKU 491340

FPF Moo MOO - Cow
funphonefriend.com
A-20
SKU 499325

Travel Charger
Sony Ericsson Mobile Comm.
BML162085/55
SKU 451032

Rapid Wall Charger
Sony Ericsson Mobile Comm.
BML162098/55
SKU 99982

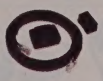
Travel Charger
Wireless Solutions
35242
SKU 35242

Swivel Belt Clip
Sony Ericsson Mobile Comm.
SXK1076820
SKU 92214

Universal Belt Clip
Wireless Solutions
30754
SKU 30754

Universal Belt Clip
Wireless Solutions
458379U
SKU 413338

Office Desktop Handsfree System
Sony Ericsson Mobile Comm.
DPY1011286
SKU 30116



Data Extension Cable HCD-10
Sony Ericsson Mobile Comm.
DPY901062
SKU 415137

System Cable HCC-20
Sony Ericsson Mobile Comm.
DPY901270
SKU 440121

Over-the-ear Headset
ClearVox Communications
C-300
SKU 35716

Adapter, Eric. 600/ 700
ClearVox Communications
CS-E7
SKU 85664

Portable Handsfree
Sony Ericsson Mobile Comm.
RLF50106/55
SKU 86541

Plantronics Over-The-Head Headset
Plantronics
M110
SKU 36909

Over-The-Head Headset,Vol
Plantronics
M114
SKU 36926

Over-The-Ear Headset
Plantronics
M120
SKU 36954

Plantronics Over-The-Ear Headset
Plantronics
M124
SKU 36981

In-The Ear Headset
Plantronics
M140/CHARCOAL
SKU 37000

In-The-Ear Headset, Vol
Plantronics
M145
SKU 37004

Adapter, Eric. 600/ 700
Plantronics
WTA-ER700
SKU 23800

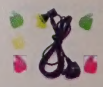
Plantronics Earbud Headset
Plantronics
M205
SKU 437114

Over-Head/Ear Headset
Plantronics
M170
SKU 37022

Over-Head/Ear Headset,Vol
Plantronics
M175
SKU 37030

Illustration not currently available

Speakeasy Headset-Eric
Superior Comm.
31752
SKU 92182



All-in-ear Headset
Wireless Solutions
42770
SKU 42770

2.5mm Earboom Headset
Wireless Solutions
484028U
SKU 424099

2.5mm Earbud Headset
Wireless Solutions
438045U
SKU 445052

Laser Pointer ILP-20
Sony Ericsson Mobile Comm.
NTK102023
SKU 433375

Blue Torch IBT-20
Sony Ericsson Mobile Comm.
NTK102022
SKU 447318

Phone Mount
Sony Ericsson Mobile Comm.
KRY1011652
SKU 475059

Windshield Mount
Sony Ericsson Mobile Comm.
KRY1031001/55
SKU 73401

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Ericsson Accessory Quick Pick

Ericsson R300 Series

Vehicle Power Adapter
Wireless Solutions
464178U
SKU 467069

Desk/Wall Stand CDW-10
Sony Ericsson Mobile Comm.
DPY901077/01
SKU 490058

FPF Tapole Frog
funphonefriend.com
A-05
SKU 417318

FPF Bully-Bulldog
funphonefriend.com
A-01
SKU 425345

FPF Funky Monkey
funphonefriend.com
A-22
SKU 440370

FPF Floppy Reg-Brown Dog
funphonefriend.com
A-3
SKU 441386

FPF ALI-Alligator
funphonefriend.com
A-19
SKU 454305

FPF Beary - Lavender Bear
funphonefriend.com
A-17
SKU 472388

FPF Santa
funphonefriend.
A-27
SKU 4743

FPF Dangles- Dog Hanging Legs
funphonefriend.com
A-15
SKU 481374

FPF Munchie-Manatee
funphonefriend.com
A-24
SKU 482389

FPF Kit Kat- Cat
funphonefriend.com
A-10
SKU 486359

FPF Larry-Lobster
funphonefriend.com
A-7
SKU 488341

FPF Cheeser Mouse
funphonefriend.com
A-21
SKU 490397

FPF Oinky Pig
funphonefriend.com
A-09
SKU 491340

FPF Moo MOO - Cow
funphonefriend.com
A-20
SKU 499325

Desk Stand CDS-11
Sony Ericsson Mobile Comm.
DPY901260
SKU 473167

Classic Case IC
Sony Ericsson M
Comm.
KRY1041300
SKU 4350

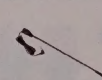
Phone Holster, Medium
Nite Ize
SUMP-07-01
SKU 437345

Boxit Phone Case, Onyx
Nite Ize
NBX-07-01
SKU 422375

Boxit Phone Case, Crystal
Nite Ize
NBX-07-04
SKU 424372

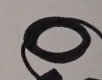
Boxit Phone Case, Citron
Nite Ize
NBX-07-28
SKU 467363

Boxit Phone Case, Aqua
Nite Ize
NBX-07-03
SKU 482355



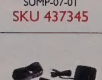
Gooseneck Microphone HCE-14
Sony Ericsson Mobile Comm.
RLC509401/02
SKU 421351

Car Holder HCH-30
Sony Ericsson Mobile Comm.
DPY901323
SKU 481396

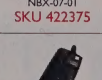


System Cable HCC-30
Sony Ericsson Mobile Comm.
DPY901328
SKU 486382

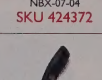
System Cab HCC-12
Sony Ericsson M
Comm.
DPY901194/
SKU 4230



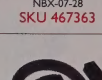
Advanced Vehicle Handsfree HCA-20
Sony Ericsson Mobile Comm.
DPY901222
SKU 435090



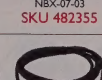
Phone Holder HCH-27
Sony Ericsson Mobile Comm.
DPY901224
SKU 456060



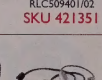
External Handset HCE-10
Sony Ericsson Mobile Comm.
DPY901047
SKU 444003



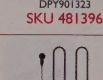
Data Extension Cable HCD-10
Sony Ericsson Mobile Comm.
DPY901062
SKU 415137



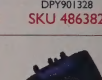
Antenna Cable HCE-12
Sony Ericsson Mobile Comm.
DPY901130
SKU 476197



Bluetooth Headset HBH-20
Sony Ericsson Mobile Comm.
DPY901280/01
SKU 466145



Portable Handsfree with answering button HPB-10
Sony Ericsson Mobile Comm.
DPY1012297
SKU 423091



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Sony Ericsson Mobile Comm.
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SKU 438085

Earbud Head
Wireless Soluti
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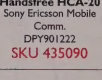
SKU 4591



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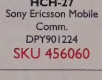
SKU 437022



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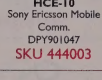
SKU 433375



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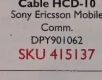

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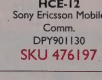
SKU 467171



USB Cable DCU-10
Sony Ericsson Mobile Comm.
DPY901240
SKU 498175

Ericsson T28

Standard Battery (650mAh) LiPoly BUS-11
Sony Ericsson Mobile Comm.
DPY901220
SKU 463320

Battery, 600mah, Lilo
Wireless Solutions
485007U
SKU 450038

Desktop Charger CDT-10
Sony Ericsson Mobile Comm.
DPY90198
SKU 423039

Desk/Wall Stand CDW-10
Sony Ericsson Mobile Comm.
DPY901077/01
SKU 490058

FPF Daisy Denim Flip- Jean Flower
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A-25
SKU 427352

FPF Spotty Flip-Dalmation Dog
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SKU 468391

FPF Floppy Flip-Golden Dog
funphonefriend.com
A-4
SKU 498359

Desk Stand CDS-11
Sony Ericsson Mobile Comm.
DPY901260
SKU 473167

Travel Charg CST-13
Sony Ericsson M
Comm.
NTK102031
SKU 4233

Leather Case with Clip ICE-10
Sony Ericsson Mobile Comm.
DPY901140
SKU 476048

Designer Case ICT-11
Sony Ericsson Mobile Comm.
KRY1041297/1
SKU 432026

Leather Case with built-in swivel and Belt Clip
Wireless Solutions
455157U
SKU 435177

Phone Holster
Wireless Solutions
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Swivel Belt Clip
Sony Ericsson Mobile Comm.
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Universal Belt Clip
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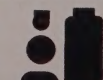

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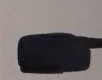

Phone Holster ICT-10
Sony Ericsson Mobile Comm.
DPY901030
SKU 496014

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Sony Ericsson M
Comm.
KRY1010040
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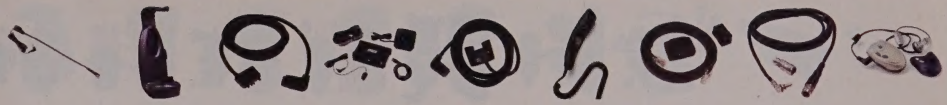

Gooseneck Microphone HCE-14
Sony Ericsson Mobile Comm.
RLC509401/02
SKU 421351

Car Holder HCH-30
Sony Ericsson Mobile Comm.
DPY901323
SKU 481396

System Cable HCC-30
Sony Ericsson Mobile Comm.
DPY901328
SKU 486382

Advanced Vehicle Handsfree HCA-20
Sony Ericsson Mobile Comm.
DPY901222
SKU 435090

System Cable HCC-11
Sony Ericsson Mobile Comm.
DPY901194/1
SKU 461053

External Handset HCE-10
Sony Ericsson Mobile Comm.
DPY901047
SKU 444003

Data Extension Cable HCD-10
Sony Ericsson Mobile Comm.
DPY901062
SKU 415137

Antenna Cable HCE-12
Sony Ericsson Mobile Comm.
DPY901130
SKU 476197

Bluetooth Headset HBH-20
Sony Ericsson Mobile Comm.
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DPY901272/02
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SKU 438085

Earbud Headset
Wireless Solutions
441090U
SKU 459159

Starter Kit, Ericsson T28
Wireless Solutions
498037U
SKU 489147

RS232 Data Cable DRS-11
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DPY901236
SKU 437022

Laser Pointer ILP-20
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I/NTK10246
SKU 453012

Phone Mount
Sony Ericsson Mobile Comm.
KRY1011652
SKU 475059

Car Holder HCH-21
Sony Ericsson Mobile Comm.
DPY901075/01
SKU 79864

Windshield Mount
Sony Ericsson Mobile Comm.
KRY1031001/55
SKU 73401

UltiMount
Pro.Fit International
UL747
SKU 28327

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ClearConnect Cbl,Eric T28
Superior Comm.
32543
SKU 491077

Ericsson T60

Standard Battery BST-16
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BKB1931052
SKU 483136

Lilo Polymer Battery BST-17
Sony Ericsson Mobile Comm.
BKB1931051
SKU 456192

Battery, 600mah, Lilo
Wireless Solutions
450301U
SKU 441387

Vehicle Power Adapter
Wireless Solutions
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SKU 467069

Desk/Wall Stand CDW-10
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SKU 490058

Snap On Cover IST-19
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SKU 426342

Snap On Cover IST-19
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NTK102038
SKU 433317

SNAP On Cover IST-19
Sony Ericsson Mobile Comm.
NTK102041
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SNAP On Cover IST-19
Sony Ericsson Mobile Comm.
NTK102040
SKU 488318

Snap-on Cover IST-13
Sony Ericsson Mobile Comm.
NTK10290
SKU 467167

Stars & Stripes Snap-on Cover IST-13
Sony Ericsson Mobile Comm.
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SKU 475349

Faceplate, Pink Pigs
AleEv (formerly MTU)
21804
SKU 410340

Faceplate, Brown Cow
AleEv (formerly MTU)
21816
SKU 414315

Faceplate, Iron Plate
AleEv (formerly MTU)
21808
SKU 414376

Faceplate, Black Flame
AleEv (formerly MTU)
21800
SKU 419347

Faceplate, High Tech
AleEv (formerly MTU)
21817
SKU 421357

Faceplate, Carps in Pond
AleEv (formerly MTU)
21811
SKU 421366

Faceplate, Extreme Circles
AleEv (formerly MTU)
21809
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Faceplate, Sweet
AleEv (formerly MTU)
21801
SKU 429396

Faceplate, Pink Love
AleEv (formerly MTU)
21814
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Faceplate, Tiger
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Faceplate, Moon
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21805
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Faceplate, Inka
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Faceplate, Surf Shirt
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21806
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Faceplate, Beautiful
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Faceplate, Forever w/You
AleEv (formerly MTU)
21802
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Faceplate, Tattoo
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Faceplate, Caveman
AleEv (formerly MTU)
21810
SKU 490396

Faceplate, Ultra Sonic
AleEv (formerly MTU)
21807
SKU 496317

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FPF Cheeser Mouse
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FPF Oinky Pig
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A-20
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Desk Stand CDS-11
Sony Ericsson Mobile Comm.
DPY901260
SKU 473167

Travel Charg CST-13
Sony Ericsson Mo Comm.
NTK102031
SKU 42335

Swivel Holster, ICT-15
Sony Ericsson Mobile Comm.
NTK102018
SKU 471166

Illustration not currently available

Leather Case with built-in swivel and Belt Clip
Wireless Solutions
420159U
SKU 414374

Phone Holster
Wireless Solutions
480337U
SKU 498360

Reverse Holster, T60
AleEv (formerly MTU)
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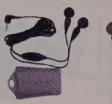

SmartBack Handsfree FM Radio SHR-11
Sony Ericsson Mobile Comm.
NTK10299
SKU 460327

SmartBack Portable Handsfree SHW-10
Sony Ericsson Mobile Comm.
NTK10296
SKU 460345

Gooseneck Microphone HCE-14
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Car Holder HCH-30
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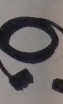

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SKU 48638

Advanced Vehicle Handsfree HCA-20
Sony Ericsson Mobile Comm.
DPY901222
SKU 435090

External Handset HCE-10
Sony Ericsson Mobile Comm.
DPY901047
SKU 444003

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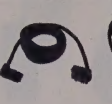

System Cable HCC-20
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Antenna Cable HCE-12
Sony Ericsson Mobile Comm.
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SKU 476197

Bluetooth Headset HBH-20
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SKU 466145

Bluetooth Headset HBH-30
Sony Ericsson Mobile Comm.
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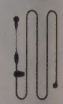
SKU 425368



Portable Hands with answerin button HPB-
Sony Ericsson Mo Comm.
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SKU 42309

Bluetooth Adapter DBA-10
Sony Ericsson Mobile Comm.
DPY901110/01
SKU 438085

RS232 Data Cable DRS-11
Sony Ericsson Mobile Comm.
DPY901236
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Chatboard CHA-17
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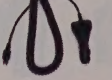
Ericsson T61

Standard Battery BST-16
Sony Ericsson Mobile Comm.
BKB1931052
SKU 483136

Battery, 600mah, Lilo
Wireless Solutions
450301U
SKU 441387



Vehicle Power Adapter
Wireless Solutions
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SKU 467069

Desk/Wall Stand CDW-10
Sony Ericsson Mobile Comm.
DPY901077/01
SKU 490058

Snap On Cover IST-19
Sony Ericsson Mobile Comm.
NTK102039
SKU 426342

Snap On Cover IST-19
Sony Ericsson Mobile Comm.
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FPF Floppy Reg-Brown Dog
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FPF ALI-Alligator
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SKU 454305

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SKU 472388

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Travel Charger CST-13
Sony Ericsson Mobile Comm.
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Swivel Holster, ICT-15
Sony Ericsson Mobile Comm.
NTK102018
SKU 471166

Illustration not current available

Leather Case built-in swivel Belt Clip
Wireless Solutic
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Boxit Phone Case, Onyx
Nite Ize
NBX-07-01
SKU 422375

Boxit Phone Case, Crystal
Nite Ize
NBX-07-04
SKU 424372

Boxit Phone Case, Citron
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SKU 467363

Boxit Phone Case, Aqua
Nite Ize
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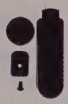

Swivel Belt Clip
Sony Ericsson Mobile Comm.
SXK1076820
SKU 92214

SmartBack Handsfree FM Radio SHR-11
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NTK10299
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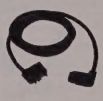

System Cable HCC-30
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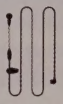

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SKU 423091

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2.5mm Earwrap Headset
Wireless Solutions
466053U
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2.5mm Earboom Headset
Wireless Solutions
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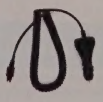

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funphonefriend.com
A-22
SKU 440370

FPF ALI-Alligator
funphonefriend.com
A-19
SKU 454305

FPF Santa
funphonefriend.com
A-27
SKU 474325

FPF Dangles- Dog Hanging Legs
funphonefriend.com
A-15
SKU 481374

FPF Munchie-Manatee
funphonefriend.com
A-24
SKU 482389

FPF Kit Kat- Cat
funphonefriend.com
A-10
SKU 486359

FPF Larry-Lobster
funphonefriend.com
A-7
SKU 488341

FPF Cheeser Mouse
funphonefriend.com
A-21
SKU 490397

FPF Oinky Pig
funphonefriend.com
A-09
SKU 491340

FPF Moo MOO - Cow
funphonefriend.com
A-20
SKU 499325

Desk Stand CDS-11
Sony Ericsson Mobile Comm.
DPY901260
SKU 473167

Travel Charger CST-13
Sony Ericsson Mobile Comm.
NTK102031
SKU 423355

Designer Case ICT-11
Sony Ericsson Mobile Comm.
KRY1041297/1
SKU 432026

T68 Holster, ICT-13
Sony Ericsson Mobile Comm.
DPY901282
SKU 437150

Leather Case with built-in swivel and Belt Clip
Wireless Solutions
410343U
SKU 490337

Phone Holster
Wireless Solutions
423322U
SKU 451317

Illustration not currently available

Phone Holster, Small
Nite Ize
SUSP-07-01
SKU 475394

Boxit Phone Case, Onyx
Nite Ize
NBX-07-01
SKU 422375

Boxit Phone Case, Crystal
Nite Ize
NBX-07-04
SKU 424372

Boxit Phone Case, Citron
Nite Ize
NBX-07-28
SKU 467363

Boxit Phone Case, Aqua
Nite Ize
NBX-07-03
SKU 482355

Gooseneck Microphone HCE-14
Sony Ericsson Mobile Comm.
RLC509401/02
SKU 421351

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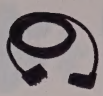
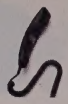
Ericsson Accessory Quick Pick

Car Holder HCH-30
Sony Ericsson Mobile Comm.
DPY901323
SKU 481396



System Cable HCC-30
Sony Ericsson Mobile Comm.
DPY901328
SKU 486382

Advanced Vehicle Handsfree HCA-20
Sony Ericsson Mobile Comm.
DPY901222
SKU 435090



External Handset HCE-10
Sony Ericsson Mobile Comm.
DPY901047
SKU 444003

Car Holder HCH-28
Sony Ericsson Mobile Comm.
DPY901279
SKU 449156

System Cable HCC-20
Sony Ericsson Mobile Comm.
DPY901270
SKU 440121

Bluetooth Headset HBH-20
Sony Ericsson Mobile Comm.
DPY901280/01
SKU 466145

Bluetooth Headset HBH-30
Sony Ericsson Mobile Comm.
DPY901272/02
SKU 425368

Portable Hand with answer button HPB
Sony Ericsson M
Comm.
DPY101229
SKU 4230

CommuniCam MCA-20
Sony Ericsson Mobile Comm.
DPY901268
SKU 492180

RS232 Data Cable DRS-11
Sony Ericsson Mobile Comm.
DPY901236
SKU 437022

CommuniCam, MCA-25
Sony Ericsson Mobile Comm.
DPY901334
SKU 432347

Laser Pointer ILP-20
Sony Ericsson Mobile Comm.
NTK102023
SKU 433375

Blue Torch IBT-20
Sony Ericsson Mobile Comm.
NTK102022
SKU 447318

USB Cable DCU-10
Sony Ericsson Mobile Comm.
DPY901240
SKU 498175

Chatboard CHA-10
Sony Ericsson Mobile Comm.
I/NTK10246
SKU 453012

UltiMount
Pro.Fit International
UL747
SKU 28327

TESSCO TECHNOLOGIES®
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■REST OF WORLD +1 410-229-1200
■FAX 410-527-0005
■WWW.TESSCO.COM
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See TESSCO.com for latest pricing and prod
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Compatible Phone Models:

Ericsson A1228
Ericsson A1228LX
Ericsson A1228d
Ericsson A1228di
Ericsson A1229LX
Ericsson R250
Ericsson R250d PRO
Ericsson R278
Ericsson R278d
Ericsson R280
Ericsson R280LX
Ericsson R280di
Ericsson R289LX

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

son Portable Phone Batteries

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

139

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
9 1	Sony Ericsson Mobile Comm. BKB193105/75 1 Year	The Ultra Slim powers your phone all day without adding extra weight. SmartCharge compatible for rapid charging. Black 800 NiMH 75 minutes of talk time and 21 hours of standby.	16.30 0.3 0.14	11.39 11.31 11.25

less Solutions Batteries

998 64494

uality, Great Value

ive retail packaging that promotes self selec- d consumer education

- Available with merchandising system that drives multiple and repeat purchases to improve overall profitability

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1	Wireless Solutions 19998 Lifetime	Slim Battery Black 550 mAh NiMH Provides 45 minutes of talk time, 16 hours standby.	30.55 0.25 0.11	21.52 17.51 15.76
1	Wireless Solutions 64494 Lifetime	Replacement Battery Black 1350 mAh NiMH Provides 190 minutes of talk time, 50 hours standby. Black.	30.55 0.25 0.11	21.52 17.51 15.76

Multiplier Cellular Batteries

67085

Multiplier products have long been recognized as "professional quality". All products are manufactured in the United States and tested prior to leaving the factory.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
67085 1 EACH	Multiplier MAH630EH 1 Year	Replacement Battery Black 1200 mAh NiMH Provides 175 minutes of talk time, 48 hours standby. Black.	34.00 0.25 0.11	17.86 17.28 17.00

Vehicle Power Adapters [275-10]

Ericsson (OEM) Vehicle Power Adapters

86539

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories. Provides power to the phone and charges the battery at the same time.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
86539 1 EACH	Sony Ericsson Mobile Comm. BML1621017	Save time with the Vehicle Power and Charge. Compatible with the SmartCharge system, it charges any Ericsson Original Battery in less than 2 hours. Charger also protects your phone from voltage fluctuations, and its compact size makes storing simple.	3.00 0.35 0.16	2.51 2.49 2.48

Wireless Solutions Vehicle Power Adapter

40890

Wireless Solutions Vehicle adapters are a great value, and high quality. Quality tested cable returns to original shape after multiple stretches. Attractive retail packaging.

- Variable rate charging for safety & convenience (no overcharging)
- Enough current to make a call with a discharged battery
- Attractive retail packaging that promotes self selection and consumer education
- Available with revolutionary merchandising system that drives multiple and repeat purchase to improve overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
40890 1 EACH	Wireless Solutions 40890 Lifetime	Vehicle Power Adapter. Retail Packaged.	23.00 0.25 0.11	7.24 5.91 4.60

Superior Cellular Vehicle Power Adapters

39078

Superior Communications eliminator/chargers plug directly into the phone without removing the battery. Featuring the latest in technology, they will power the phone and charge the battery.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
39078 1 EACH	Superior Comm. 31821 3 Years	Vehicle Power Adapter. Retail Packaged.	14.15 0.3 0.14	6.76 6.52 6.37

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Ericsson 1228, R280/250

Face Plates [311-10]

FPF Fun Friends

417318 425345 440370

441386 454305 472388

474325 481374 482389 486359

488341 490397 491340

499325

Fun Friends are leading the way with adorable characters that give new attitude to these otherwise dull products. Fun Friends are a perfect match for all who enjoy plush characters ranging from Funky the Monkey to Tadpole our Lime Green Frog.

Continuing product table (1 of 2)

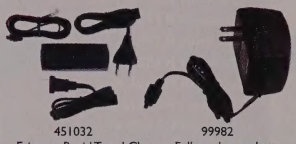
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 417318 1 EACH	funphonefriend.com A-05 30 days	Fun Friends phone cover. Tapole Frog	15.00 0.32 0.15	6.50 5.75 5.21
NEW 425345 1 EACH	funphonefriend.com A-01 30days	FunFriends phone cover. Bully-Bulldog	15.00 0.32 0.15	6.50 5.75 5.21
NEW 440370 1 EACH	funphonefriend.com A-22 30 days	Fun Friends Funky- Monkey	15.00 0.32 0.15	6.50 5.75 5.21
NEW 441386 1 EACH	funphonefriend.com A-3 30 days	Fun Friends phone covers. Floppy Reg	15.00 0.32 0.15	6.50 5.75 5.21
NEW 454305 1 EACH	funphonefriend.com A-19 30 days	FunFriends phone cover. ALI- Aligator	15.00 0.32 0.15	6.50 5.75 5.21
NEW 472388 1 EACH	funphonefriend.com A-17 30 days	FunFriends phone cover. Beary- Lavender Bear	15.00 0.32 0.15	6.50 5.75 5.21
NEW 474325 1 EACH	funphonefriend.com A-27 30 days	Fun Friends phone cover. Santa	15.00 0.32 0.15	6.50 5.75 5.21
NEW 481374 1 EACH	funphonefriend.com A-15 30 days	Fun Friends phone covers. Dangles- Dog Hanging Legs	15.00 0.32 0.15	6.50 5.75 5.21
NEW 482389 1 EACH	funphonefriend.com A-24 30 days	Fun Friends phone covers. Munchie- Manatee	15.00 0.32 0.15	6.50 5.75 5.21
NEW 486359 1 EACH	funphonefriend.com A-10 30 days	Fun Friends phone covers. Kit Kat- Cat	15.00 0.32 0.15	6.50 5.75 5.21
NEW 488341 1 EACH	funphonefriend.com A-7 30 days	Fun Friends phone cover. Larry -Lobster	15.00 0.32 0.15	6.50 5.75 5.21
NEW 490397 1 EACH	funphonefriend.com A-21 30 days	Fun Friends phone covers. Cheeser- Mouse	15.00 0.32 0.15	6.50 5.75 5.21
NEW 491340 1 EACH	funphonefriend.com A-09 30 days	Fun Friends phone covers. Oinky- Pig	15.00 0.32 0.15	6.50 5.75 5.21

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW 499325 1 EACH	funphonefriend.com A-20 30 days	Fun Friends phone covers. Moo Moo- Cow	15.00 0.32 0.15

Chargers, Desk Top, Travel [305-60]

Ericsson Rapid Travel Charger



451032 99982

- Ericsson Rapid Travel Charger. Fully recharges battery in 1 1/2 hours from an AC outlet.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
451032 1 EACH	Sony Ericsson Mobile Comm. BML162085/55 1 Year	The charging solution that can be used in over 100 countries. Small and compact - perfect for traveling. Uses the SmartCharge system to protect your battery.	21.10 1 0.45
99982 1 EACH	Sony Ericsson Mobile Comm. BML162098/55 1 year	Charges in just two hours. Lightweight and portable. Uses the SmartCharge system to protect your battery.	11.45 0.78 0.35

Wireless Solutions Travel Charger

35242

- Plugs into any 110 volt outlet
- Use your phone while it is charging
- Rapid Charges batteries in about 2-4 hours
- Attractive retail packaging that promotes self s tion and consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
35242 1 EACH	Wireless Solutions 35242 Lifetime	Travel Charger	14.50 0.42 0.19

Waterproof Cases, Belt Clips [310-60]

Ericsson Swivel Belt Clip

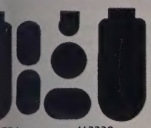
92214

Original accessories... "from the people that made your phone(TM)." OEMs and manufacture accessories to match the specific requirements of their phc satisfying the most demanding customer. You can trust the high quality and pe mance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)
92214 1 EACH	Sony Ericsson Mobile Comm. SXK1076820	Keep your phone close at hand. This compact accessory snaps easily to your belt while allowing your phone to conform to your body's motions. Clip is built with spring-steel and heavy duty plastic for extra durability. Depending on phone model, clip attaches to phone with screw or double sided tape. Black	6.35 0.3 0.14

NEW = New Listing. Pricing for referenc See TESSCO.com for latest pricing and p Copyright 2003 all rights reserved.

reless Solutions Beltclips



0754 413338

Belt clips designed to conveniently snap onto the phone to securely hold it in place. Holds the phone without the need for a leather carry case.

No. Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
754 CH	Wireless Solutions 30754 Lifetime	Universal Belt Clip includes three different swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21
W 338 CH	Wireless Solutions 458379U Lifetime	Universal Belt Clip includes two swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21

Hands Free Kits, Mics, Headsets [262-09]

csson Handsfree-Kit

30116

The Ericsson HF7600 handsfree solution is a full featured kit that provides handsfree, power supply and handsfree. Full duplex design with echo and noise cancellation. All hardware included.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
16 CH	Sony Ericsson Mobile Comm. DPY1011286 1 year	Desktop speakerphone. Perfect for conference calls. LED indicator and mute button. Phone can be disconnected without interruption while the call is in progress. Microphone and speaker are integrated into one unit.	56.50 1.13 0.51	37.73 37.45 37.22

csson Handsfree Car Kit Components

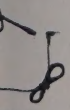
415137 440121

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37 CH	Sony Ericsson Mobile Comm. DPY901062 1 Year	Data Extension Cable for connection of phone to PC for data connectivity. Must be used with DI-28.	26.50 1 0.45	17.68 17.55 17.44
21 CH	Sony Ericsson Mobile Comm. DPY901270 1 Year	System Cable HCC-20 is a cable for in-car use. It attaches the Advanced Car Handsfree HCA-20 to your Car Holder, connecting the electronics unit with your phone. Installation by an authorized professional is required.	16.55 1 0.45	11.05 10.97 10.90

Headsets [262-10]

arvox Over-the-Ear Headset



35716

Lightweight over-the-ear headset is held in place comfortably with a support triangle that slips over the ear. Boom microphone rotates to accomodate right or left ear. Weighs less than 2 oz. 2.5 mm plug connects directly into the headset port of the cellular phone.*

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
16 CH	ClearVox Communications C-300 1 Year	Over the Ear Headset Headset. Mic is not noise canceling. Retail packaged.	20.70 0.15 0.07	13.75 10.78 10.34

Clearvox Headset Adapter*

85664

Clearvox headset adapter plugs into the bottom of the phone. The headset then plugs into the adapter. Use with any Clearvox headset.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
85664 1 EACH	ClearVox Communications CS-E7 1 Year	Headset adapter	36.70 0.05 0.02	24.38 19.11 18.33

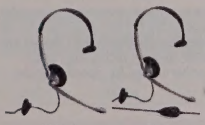
Ericsson Portable Handsfree Kits

86541

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **86541** 1 EACH	Sony Ericsson Mobile Comm. RLF50106/55	For handsfree communication anywhere, anytime. Includes earphone and microphone.	7.80 0.4 0.18	5.70 5.66 5.63

Plantronics Over-The-Head Headsets



36909 36926

All Plantronics over-the-head wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36909 1 EACH	Plantronics M110 1 Year	Flexible headband on this over-the-head headset provides stability and comfort.	24.20 0.4 0.18	16.06 12.59 12.08
36926 1 EACH	Plantronics M114 1 Year	Flexible headband on this over-the-head style headset provides stability and comfort. Includes in-line volume control.	26.80 0.4 0.18	17.80 13.95 13.39

Plantronics Over-The-Ear Headsets

36954 36981

All Plantronics over-the-ear wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hard-wired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36954 1 EACH	Plantronics M120 1 Year	Lightweight comfort in an over-the-ear style headset.	24.20 0.25 0.11	16.06 12.59 12.08
36981 1 EACH	Plantronics M124 1 Year	Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80 0.24 0.11	17.80 13.95 13.39

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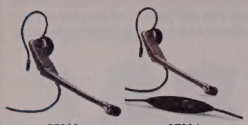
Ericsson 1228, R280/250

Plantronics In-The-Ear Headsets



37000 37004

All Plantronics in-the-ear boom-style wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37000 1 EACH	Plantronics M140/CHARCOAL 1 Year	Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11	24.31 19.06 18.28
37004 1 EACH	Plantronics M145 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11	28.22 22.12 21.22

Plantronics Headset Adapter

23800

Plantronics headset adapter plugs into the bottom of the phone. The headset then plugs into the adapter. Use with any Plantronics headset. Can be used with many headsets that have a 2.5mm plug.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
23800 1 EACH	Plantronics WTA-ER700 1 year	Headset adapter	12.55 1 0.45	8.34 6.54 6.27

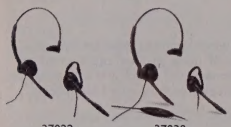
Plantronics Discreet Earbud Headsets

437114

All Plantronics earbud headsets for wireless phones feature Flexfit(TM) design for increased stability, RF noise shielded cable, advanced speaker technology, and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
437114 1 EACH	Plantronics M205 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09	19.59 15.36 14.73

Plantronics Convertible Headsets



37022 37030

All Plantronics convertible style wireless phone headsets feature a noise-canceling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

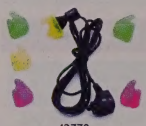
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37022 1 EACH	Plantronics M170 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18	31.25 24.50 23.50
37030 1 EACH	Plantronics M175 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22	35.16 27.57 26.44

SpeakEasy Over-the-Ear Headset

Superior Communications SpeakEasy Headset offers a q affordable handsfree solution. Fits over either ear. Speak rests comfortably outside ear. Boom microphone swivels position. Lightweight and easy to wear.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
92182 1 EACH	Superior Comm. 31752 3 years	SpeakEasy Over-the-Ear Headset. Phone adapter is included.	18.05 0.1 0.05	8 8 8

Wireless Solutions In The Ear Headset



42770

The Wireless Solutions headset features an innovative all-in-the-ear peaker and microphone. Built-in noise reduction technology for cle transmissions. Totally portable and digital-ready. Includes four foot c and six EarGels.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
42770 1 EACH	Wireless Solutions 42770 Lifetime	Handsfree headset. Phone adapter is included.	27.05 0.18 0.08	12 10 8

Wireless Solutions EarBoom Headset

424099

Wireless Solutions In The Ear headset features a boom mic. Comfortable. Provide mic sound as well as in the ear speaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
424099 1 EACH	Wireless Solutions 484028U Lifetime	Earboom Headset with 2.5mm jack. Includes six eargels.	31.00 0.3 0.14	13 11 9.

Wireless Solutions EarBud Headset

445052

The Wireless Soluitons EarBud is the most cost-effective, solution for mobile phone users wanting a hands-free alternative at a value price. T EarBud integrates the microphone as part of the cable leading from th to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
445052 1 EACH	Wireless Solutions 438045U Lifetime	Earbud Headset with 2.5mm jack. Includes six eargels.	27.00 0.3 0.14	12 10 8

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Data Interfaces for Portable Phones [260-12]

ght

433375 447318

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 375 CH	Sony Ericsson Mobile Comm. NTK102023	A laser pointer to impress your audience. Giving a presentation, you can use this tiny accessory to point to elements on a large screen.	12.00 0.12 0.05	8.36 8.29 8.24
EW 318 CH	Sony Ericsson Mobile Comm. NTK102022	This tiny snap-on accessory gives off a strong blue light when attached to your Sony Ericsson mobile phone. Use it in complete darkness, and you will be surprised at its strength. To make sure you have it with you at all times, hang it on a key ring or phone bag.	7.00 0.1 0.05	4.18 4.15 4.12

Mounting Plates, Cradles, Holders [150-40]

icsson Phone Holder

'5059

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
059 CH	Sony Ericsson Mobile Comm. KRY1011652 1 Year	Universal phone mount. Compact and durable. Allows easy positioning of your phone. Kit includes two phone mounts, screws and adhesive tabs. A belt clip must be purchased separately to use the phone mount.	7.60 0.85 0.39	5.07 5.04 5.01

csson Windshield Mount

73401

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
01 CH	Sony Ericsson Mobile Comm. KRY1031001/55 1 Year	Positions your phone safely and conveniently inside your car. Sturdy, flexible and adjustable. Secures your phone while keeping it within reach.	12.80 0.2 0.09	8.52 8.45 8.40

Compatible Phone Models:

Ericsson R300LX
Ericsson R300d
Ericsson R300z

If you do not see your phone model listed, please call 800-955-9997.

Vehicle Power Adapters [275-10]

Wireless Solutions Vehicle Power Adapter

467069

Wireless Solutions Vehicle adapters are a great value, and high quality. Quality tested cable returns to original shape after multiple stretches. Attractive retail packaging.

- Variable rate charging for safety & convenience (no overcharging)
- Enough current to make a call with a discharged battery
- Attractive retail packaging that promotes self selection and consumer education
- Available with revolutionary merchandising system that drives multiple and repeat purchase to improve overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **467069** 1 EACH	Wireless Solutions 464178U Lifetime	Vehicle Power Adapter. Retail Packaged.	23.00 0.3 0.14	7.24 5.91 4.60

Battery Conditioning Units [305-10]

Ericsson Desk Top Chargers

490058

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **490058** 1 EACH	Sony Ericsson Mobile Comm. DPY901077/01 1 Year	Keep your phone close at hand. Connect the Desk/Wall Stand to any compatible Ericsson Rapid or Travel Charger, and you have a portable desktop charger.	12.85 0.3 0.14	8.57 8.50 8.45

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Ericsson R300 Series

Face Plates [311-10]

FPF Fun Friends

417318 425345 440370

441386 454305 472388

474325 481374 482389 486359

488341 490397 491340

499325

Fun Friends are leading the way with adorable characters that give new attitude to these otherwise dull products. Fun Friends are a perfect match for all who enjoy plush characters ranging from Funky the Monkey to Tadpole our Lime Green Frog.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 417318 1 EACH	funphonefriend.com A-05 30 days	Fun Friends phone cover. Tapole Frog	15.00 0.32 0.15	6.50 5.75 5.21
NEW 425345 1 EACH	funphonefriend.com A-01 30days	FunFriends phone cover. Bully-Bulldog	15.00 0.32 0.15	6.50 5.75 5.21
NEW 440370 1 EACH	funphonefriend.com A-22 30 days	Fun Friends Funky- Monkey	15.00 0.32 0.15	6.50 5.75 5.21
NEW 441386 1 EACH	funphonefriend.com A-3 30 days	Fun Friends phone covers. Floppy Reg	15.00 0.32 0.15	6.50 5.75 5.21
NEW 454305 1 EACH	funphonefriend.com A-19 30 days	FunFriends phone cover. ALI- Aligator	15.00 0.32 0.15	6.50 5.75 5.21
NEW 472388 1 EACH	funphonefriend.com A-17 30 days	FunFriends phone cover. Beary- Lavender Bear	15.00 0.32 0.15	6.50 5.75 5.21
NEW 474325 1 EACH	funphonefriend.com A-27 30 days	Fun Friends phone cover. Santa	15.00 0.32 0.15	6.50 5.75 5.21
NEW 481374 1 EACH	funphonefriend.com A-15 30 days	Fun Friends phone covers. Dangles- Dog Hanging Legs	15.00 0.32 0.15	6.50 5.75 5.21
NEW 482389 1 EACH	funphonefriend.com A-24 30 days	Fun Friends phone covers. Munchie- Manatee	15.00 0.32 0.15	6.50 5.75 5.21
NEW 486359 1 EACH	funphonefriend.com A-10 30 days	Fun Friends phone covers. Kit Kat- Cat	15.00 0.32 0.15	6.50 5.75 5.21
NEW 488341 1 EACH	funphonefriend.com A-7 30 days	Fun Friends phone cover. Larry -Lobster	15.00 0.32 0.15	6.50 5.75 5.21
NEW 490397 1 EACH	funphonefriend.com A-21 30 days	Fun Friends phone covers. Cheeser- Mouse	15.00 0.32 0.15	6.50 5.75 5.21
NEW 491340 1 EACH	funphonefriend.com A-09 30 days	Fun Friends phone covers. Oinky- Pig	15.00 0.32 0.15	6.50 5.75 5.21

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 499325 1 EACH	funphonefriend.com A-20 30 days	Fun Friends phone covers. Moo Moo- Cow	15.00 0.32 0.15	6 5 5

Chargers, Desk Top, Travel [305-60]

Ericsson Desktop Charger

473167

Original accessories... "from the people that made your phone(TM)." OEMs de and manufacture accessories to match the specific requirements of their phone isfying the most demanding customer. You can trust the high quality and perfor mance of original accessories.

- MultiCharger recharges the battery on the phone and a spare battery at the same time. Conditioning fea lets you charge and discharge the battery in the rear position with the push of a button.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
473167 1 EACH	Sony Ericsson Mobile Comm. DPY901260 1 Year	A flexible, elegant holder for your Ericsson mobile phone. Keeps your phone's display in view so you won't miss a call. Full system connector offers versatility for connecting a charger, handsfree or Bluetooth adapter. Requires CTR-10 or CTR-11 travel charger for power source (sold separately).	12.00 0.2 0.09	6 6 6

Cases for Portable Cellular Phones [310-10]

Ericsson OEM Phone Cases

435017

Original accessories... "from the people that made your phone(TM)." OEMs desig manufacture accessories to match the specific requirements of their phones, satis the most demanding customer. You can trust the high quality and performance of nal accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 435017 1 EACH	Sony Ericsson Mobile Comm. KRY1041300/1 1 Year	The Classic Case is form-fitting and fashionable. Superior stitching prevents tearing and plastic front cover protects your phone from dirt and scratches. Case snaps over the top of the phone and then attaches to your belt using a swivel belt clip. Black	13.00 0.25 0.11	5 5 5

Nite Ize Holsters

437345

The Stand-Up Phone Holster provides the ultimate in protection and usability your phone. Durable Ballistic nylon protects from moisture and scratches, and secure holstering mechanism ensures your phone will never leave your belt un tionally

- Available in three sizes: small, medium and large. Elastic sides expand to accomodate various phones
- Multiple pockets hold accessories
- Bendable metal frame stands, hangs or attaches to holster and provides a hands-free workstation
- Security snap attaches securely to belt
- Open-ended design for CLA's, headset or othe phone accessories

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 437345 1 EACH	Nite Ize SUMP-07-01 2 years	Medium holster. Phone must fit into 5 1/2L" x 3 1/8"W x 1 1/4D" pocket.	28.25 0.15 0.07	1 1 1

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e Ize Protective Case

75 424372 467363 482355

Boxit mobile phone case provides the ultimate protection for any environment.

ed polyurethane front and polycarbonate back ects phone from moisture, dirt, dust, and shock. s too!

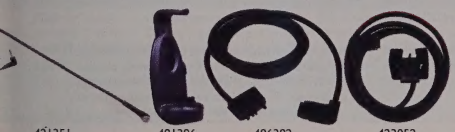
des two different lids to accomodate nearly y phone. Antenna extensions and plugs are ded for nearly every style antenna.

- Hear and talk through flexible transparent face while a special waterproof Gore audio membrane enhances audibility and guarantees effective sound transmission
- Operates from -40F to +140F. Approved to IP45 and IP65

o. om	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
V 75 CH	Nite Ize NBX-07-01 2 years	BOXIT universal phone case. Onyx color	46.20 0.15 0.07	24.01 23.47 23.09
V 72 CH	Nite Ize NBX-07-04 2 years	BOXIT universal phone case. Crystal color.	46.20 0.15 0.07	24.01 23.47 23.09
V 63 CH	Nite Ize NBX-07-28 2 years	BOXIT universal phone case. Citron color.	46.20 0.15 0.07	24.01 23.47 23.09
V 55 CH	Nite Ize NBX-07-03 2 years	BOXIT universal phone case. Aqua color.	46.20 0.15 0.07	24.01 23.47 23.09

Hands Free Kits, Mics, Headsets [262-09]

sson HCA-10 Advanced Handsfree Kit



421351 481396 486382 423052

435090 456060 444003

ERICSSON Advanced handsfree Kit for the Ericsson T28. Features stylish design, voice-dialing, adjustable holder, full duplex mic, automatic acoustic tuning and full connectivity.

ing product table (1 of 2)

o. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
V 51 CH	Sony Ericsson Mobile Comm. RLC509401/02 1 Year	A microphone on a flexible gooseneck that makes it easy to access and further enhance sound quality.	25.00 1 0.45	15.98 15.86 15.77
V 96 CH	Sony Ericsson Mobile Comm. DPY901323 1 Year	Car Holder that is easy to adjust to different phone models. A basic handsfree solution that keeps the phone firmly attached and close at hand for increased traffic safety. Can be connected to Advanced Car Handsfree with use of the system cable HCC-30. Quick and easy installation.	23.00 0.28 0.13	14.67 14.56 14.48
V 82 CH	Sony Ericsson Mobile Comm. DPY901328 1 Year	This cable is required to attach the Advanced Car Handsfree HCA-20 with the Car Holder HCH-30. Should be installed by a qualified professional.	18.00 1 0.45	11.15 11.06 11.00
52 CH	Sony Ericsson Mobile Comm. DPY901194/2 1 Year	System Cable HCC-12 is a cable for in-car use. It attaches the Advanced Car Handsfree HCA-20 to your Car Holder, connecting the electronics unit with your phone. Installation by an authorized professional is required.	20.85 2 0.91	13.91 13.81 13.72

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
435090 1 EACH	Sony Ericsson Mobile Comm. DPY901222 1 Year	Handsfree Kit engineered for superior sound quality. Reduces engine and road noise up to 75% when on a call. Also, supports voice control features, and Simple Music Mute silences the car radio when you receive a call. Professional installation required. There are two options for installation of the HCA 20. One uses a phone specific cradle and another uses a generic cradle. The generic cradle allows different phones to use the car kit without changing anything in the car. Using the phone specific cradle, the following products/accessories must be purchased to use the HCA-20. Car Holder: HCH-21 (T28, T39), HCH-27 (A2218z, A2228z, R300), HCH-22 (R380, R520m), HCH-29 (T60, T61), HCH-28(T68). System Cables: HCC-11 (T28, T39, R380, R520), HCC-12 (A2218z, A2228z, R300), HCC-20 (T60, T61, T68). As an alternate set up, the following phones can use the generic car holder (HCH 30) with the generic system cable (HCC 30) in conjunction with the HCA-20: A2218z, T28, T39, T68, R300 and R380.	130.80 2.55 1.16	87.37 86.71 86.19
456060 1 EACH	Sony Ericsson Mobile Comm. DPY901224 1 Year	Phone Holder. Used in conjunction with the HCA-20 Advanced Vehicle Handsfree Kit. Does not provide external antenna connection.	15.10 0.24 0.11	10.06 9.99 9.93
444003 1 EACH	Sony Ericsson Mobile Comm. DPY901047 1 Year	The External Handset HCE-10 lets you have private calls in your car without removing your phone from its holder. Requires the Advanced Vehicle Handsfree HCA-20 that is sold separately.	135.20 0.8 0.36	90.29 89.62 89.07

Ericsson Handsfree Car Kit Components

415137

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
415137 1 EACH	Sony Ericsson Mobile Comm. DPY901062 1 Year	Data Extension Cable for connection of phone to PC for data connectivity. Must be used with DI-28.	26.50 1 0.45	17.68 17.55 17.44

Ericsson Handsfree Kit

476197

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

- Ericsson HF2500D vehicle handsfree install kit. Adjustable cradle turns into a car phone. External antenna port with TNC connector. Charger replenishes battery. Includes phone holder with loudspeaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
476197 1 EACH	Sony Ericsson Mobile Comm. DPY901130 1 Year	Makes it possible to connect your car holder (HCH-21) to an external antenna for improved reception.	19.45 0.3 0.14	12.98 12.88 12.80

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Ericsson R300 Series

Headsets [262-10]

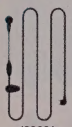
Bluetooth Headsets

466145

The Motorola Bluetooth headset provides a cordless connection to your mobile phone. Carry on handsfree conversation without the restriction of a cord.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **466145** 1 EACH	Sony Ericsson Mobile Comm. DPY901280/01 1 Year	Bluetooth Handsfree	216.80 1.3 0.59	144.80 143.72 142.85

Ericsson Portable Handsfree Kits



423091

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
423091 1 EACH	Sony Ericsson Mobile Comm. DPY1012297 1 Year	Keeps you talking anywhere, anytime. Stay connected safely with Ericsson's Portable Handsfree. Whether you're driving, walking or shopping, you're free to concentrate on what really matters. Answer button keeps you in control. Shirt clip includes a holder for earpiece when not in use.	23.00 0.2 0.09	9.75 9.68 9.63

Ericsson Bluetooth Headsets

438085

First truly wireless headset with in-the-ear design. Supports voice activated dialing, answering and memo. Activate or take calls whether your phone is in another room or at your side. Range is 30 feet. Three hours talk time and 60 hours standby time. Two hours to charge. Charging cradle not included.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
438085 1 EACH	Sony Ericsson Mobile Comm. DPY901110/01 1 Year	Bluetooth Adapter. Adds Bluetooth to your Ericsson mobile phone. Can also be used for data functionality with a Bluetooth PC card and laptop. The adapter snaps onto the base of your phone easily and is small enough to fit in your pocket. It also has a charging port built-in, so you don't have to remove the adapter to charge your phone. The adapter is required for the following phone models: T28, T60, T61, A2218z.	122.25 0.44 0.2	81.65 81.04 80.55

Wireless Solutions EarBud Headset

459159

The Wireless Soluitons EarBud is the most cost-effective, solution for mobile phone users wanting a hands-free alternative at a value price. The EarBud integrates the microphone as part of the cable leading from the ear to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
459159 1 EACH	Wireless Solutions 441090U Lifetime	Earbud Headset	27.00 0.3 0.14	12.09 10.09 8.09

Data Interfaces for Portable Phones [260-12]

Sony Ericsson RS232 Data Cables

437022

ERICSSON RS232 data Cable to facilitate the connection to PC's tha support infared communication. Convenient PC connectivity.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW **437022** 1 EACH	Sony Ericsson Mobile Comm. DPY901236	The enhanced RS232 Cable DRS-11 connects tthe system connector of your 3V phone to the serial port of your PC. It gives you access to data, fax and modem operations via GSM and TDMA products.	37.00 0.23 0.1

Light

433375

447318

Original accessories... "from t people that made your phone OEMs design and manufactur accessories to match the spe requirements of their phones fying the most demanding cus You can trust the high quality performance of original acce

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW **433375** 1 EACH	Sony Ericsson Mobile Comm. NTK102023	A laser pointer to impress your audience. Giving a presentation, you can use this tiny accessory to point to elements on a large screen.	12.00 0.12 0.05
NEW **447318** 1 EACH	Sony Ericsson Mobile Comm. NTK102022	This tiny snap-on accessory gives off a strong blue light when attached to your Sony Ericsson mobile phone. Use it in complete darkness, and you will be surprised at its strength. To make sure you have it with you at all times, hang it on a key ring or phone bag.	7.00 0.1 0.05

Ericsson Data Cables

467171

498175

Original accessories... "from the people th made your phone(TM)." OEMs design and facture accessories to match the specific requirements of their phones, satisfying th most demanding customer. You can trust t high quality and performance of original a ries.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
467171 1 EACH	Sony Ericsson Mobile Comm. DPY901263 1 Year	Send messages faster with the Chatboard, the attachable keyboard for your mobile phone. Just snap on the pocket-sized accessory to the base of your phone, and you're ready to begin typing. It's the perfect way to send messages quickly and quietly. Not compatible with A1228 series.	28.00 0.3 0.14
498175 1 EACH	Sony Ericsson Mobile Comm. DPY901240 One Year	The USB Cable DCU-10 is an ideal link between your mobile phone and PC. The user friendly USB standard and the high data transfer speed, makes the USB cable a perfect tool for moving data between your phone and a PC, for example when synchronizing your phone book and calendar. If your phone has a built-in modem, you can use the cable to connect to the Internet via your mobile phone, making Web and e-mail access possible from virtually any location. The USB cable also features a charger port, that lets you charge the phone while the cable is in use, ensuring that you do not run out of power. Includes CD	43.00 0.5 0.23

NEW = New Listing. Pricing for referen See TESSCO.com for latest pricing and p Copyright 2003 all rights reserved.

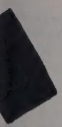
Compatible Phone Models:

Ericsson T28
Ericsson T28 WORLD
Ericsson T28z

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

sson Portable Phone Batteries

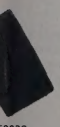


Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

53320

o. m	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
V 20 CH	Sony Ericsson Mobile Comm. DPY901220	Ultimate compact performance. This lithium polymer battery is wafer-thin. The advanced smart chip in the battery supports your phone's RealTime Battery Gauge and the SmartCharge system. black 650 mAh LiPoly 3 hrs Talk TIme/ 90 hrs Standby	40.30 0.35 0.16	27.42 27.22 27.06

eless Solutions Batteries



50038
Quality, Great Value

ctive retail packaging that promotes self selec- nd consumer education

- Available with merchandising system that drives multiple and repeat purchases to improve overall profitability

o. m	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
38 CH	Wireless Solutions 485007U Lifetime	Replacement Battery Black 600 mAh Lilo	30.55 0.3 0.14	21.52 17.51 15.76

Battery Conditioning Units [305-10]

sson Desk Top Chargers

423039

490058

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

ing product table (1 of 2)

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
39 CH	Sony Ericsson Mobile Comm. DPY90198 1 Year	The intelligent charger stand with style. Sleek stand charges phone and battery. Charging stand can autoforward calls to any number as soon as phone is placed on charging stand - releases autoforward when phone is removed. Requires CTR-10 or CTR-11 travel charger for power source.	45.00 0.3 0.14	10.91 10.83 10.77

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 490058 1 EACH	Sony Ericsson Mobile Comm. DPY901077/01 1 Year	Keep your phone close at hand. Connect the Desk/ Wall Stand to any compatible Ericsson Rapid or Travel Charger, and you have a portable desktop charger.	12.85 0.3 0.14	8.57 8.50 8.45

Face Plates [311-10]

FPF Fun Friends

427352 468391 498359

Fun Friends are leading the way with adorable characters that give new attitude to these otherwise dull products. Fun Friends are a perfect match for all who enjoy plush characters ranging from Funky the Monkey to Tadpole our Lime Green Frog.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 427352 1 EACH	funphonefriend.com A-25 30 days	FunFriends phone cover. Daisy Flip- Jean	15.00 0.32 0.15	6.50 5.75 5.21
NEW 468391 1 EACH	funphonefriend.com A-16 30 days	Fun Friends phone covers. Spotty Flip- Dalmation Dog	15.00 0.32 0.15	6.50 5.75 5.21
NEW 498359 1 EACH	funphonefriend.com A-4 30 days	Fun Friends, Floppy flip-Golden Dog phone cover.	15.00 0.32 0.15	6.50 5.75 5.21

Chargers, Desk Top, Travel [305-60]

Ericsson Desktop Charger

473167

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

- MultiCharger recharges the battery on the phone and a spare battery at the same time. Conditioning feature lets you charge and discharge the battery in the rear position with the push of a button.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
473167 1 EACH	Sony Ericsson Mobile Comm. DPY901260 1 Year	A flexible, elegant holder for your Ericsson mobile phone. Keeps your phone's display in view so you won't miss a call. Full system connector offers versatility for connecting a charger, handsfree or Bluetooth adapter. Requires CTR-10 or CTR-11 travel charger for power source (sold separately).	12.00 0.2 0.09	6.13 6.09 6.06

Ericsson Travel Chargers

423355

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 423355 1 EACH	Sony Ericsson Mobile Comm. NTK102031 1 Year	A standard charger for all of our 3-volt products with system connector. The charger consists of an AC/DC unit including a wall plug, a DC cable and a DC power connector.	15.05 0.3 0.14	12.53 12.44 12.37

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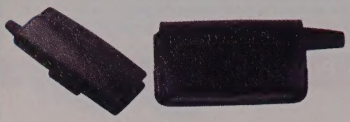
Cases for Portable Cellular Phones [310-10]

Ericsson OEM Phone Cases



476048 432026

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
476048 1 EACH	Sony Ericsson Mobile Comm. DPY901140 1 Year	Made of soft, high quality leather and lined in black velvet. Clips onto belt horizontally. Magnetic front double snap ensures a secure fit. Black	13.00 0.25 0.11	5.33 5.29 5.26
432026 1 EACH	Sony Ericsson Mobile Comm. KRY1041297/1 1 Year	Made of soft leather with distinctive stitching. Cradles your phone in velvet. Clips to your belt for easy access. Black	13.00 0.25 0.11	6.98 6.94 6.90

Wireless Solutions Cases

435177

- High quality leather
- Nylon stitching
- Leather covered rust resistant spring clip
- Mylar plastic that will not yellow or crack
- Environmentally tested to ensure durability
- Attractive retail packaging that promotes self selectionand consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
435177 1 EACH	Wireless Solutions 455157U Lifetime	Leather case with built-in swivel and belt clip. Retail packaged. Black	11.60 0.4 0.18	7.50 6.87 6.30

Wireless Solutions Phone Holsters

461123

- Phone Holster can ratchet 180 degrees.
- Phone sits firmly in place inside of holster.
- Holster is manufactured with high-impact plastic.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
461123 1 EACH	Wireless Solutions 454128U Lifetime	Ratcheting Phone Holster Black	7.75 0.3 0.14	5.51 4.66 3.60

Waterproof Cases, Belt Clips [310-60]

Ericsson Swivel Belt Clip

92214

Original accessories... "from the people that made your phone(TM)." OEMs d and manufacture accessories to match the specific requirements of their pho satisfying the most demanding customer. You can trust the high quality and pe mance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T
92214 1 EACH	Sony Ericsson Mobile Comm. SXK1076820	Keep your phone close at hand. This compact accessory snaps easily to your belt while allowing your phone to conform to your body's motions. Clip is built with spring-steel and heavy duty plastic for extra durability. Depending on phone model, clip attaches to phone with screw or double sided tape. Black	6.35 0.3 0.14	4 4 4

Wireless Solutions Beltclips

30754 413338

Belt clips designed to conveniently snap onto the phone to securely hold it in place. Holds the phone without the need leather carry case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T
30754 1 EACH	Wireless Solutions 30754 Lifetime	Universal Belt Clip includes three different swivels with 3M adhesive. Black	6.80 0.18 0.08	4 3 3
NEW **413338** 1 EACH	Wireless Solutions 458379U Lifetime	Universal Belt Clip includes two swivels with 3M adhesive. Black	6.80 0.18 0.08	4 3 3

Ericsson Phone Holsters

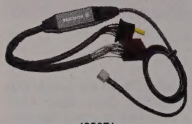
496014

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories t match the specific requirements of their phones, satisfying most demanding customer. You can trust the high quality a performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T
496014 1 EACH	Sony Ericsson Mobile Comm. DPY901030 6 months	Sturdy neoprene and high density plastic ensures protection. Comfortable horizontal fit. Slate Blue	13.00 0.25 0.11	7 7 7

Hands Free Kits, Mics, Headsets [262-09]

Ericsson Handsfree-Kit



485071

The Ericsson HF7600 handsfree solution is a full featured ki provides handsfree, power supply and handsfree. Full duple design with echo and noise cancellation. All hardware inclu

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
485071 1 EACH	Sony Ericsson Mobile Comm. KRY1011004/02 1 Year	Automatically mutes your car stereo. Channels sound through car stereo speakers. Professional Installation Required. Vehicle Handsfree Install Kit Required (sold separately).	66.00 0.25 0.11	4 4 4

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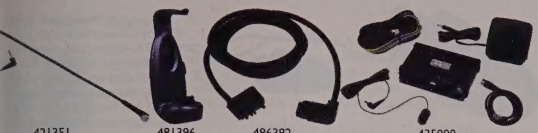
sson HCA-10 Advanced Handsfree Kit



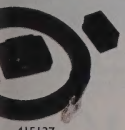
421351 481396 486382 435090

461053 444003

ERICSSON Advanced handsfree Kit for the Ericsson T28. Features stylish design, voice-dialing, adjustable holder, full duplex mic, automatic acoustic tuning and full connectivity.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
V 51 H	Sony Ericsson Mobile Comm. RLC509401/02 1 Year	A microphone on a flexible gooseneck that makes it easy to access and further enhance sound quality.	25.00 1 0.45	15.98 15.86 15.77
V 96 H	Sony Ericsson Mobile Comm. DPY901323 1 Year	Car Holder that is easy to adjust to different phone models. A basic handsfree solution that keeps the phone firmly attached and close at hand for increased traffic safety. Can be connected to Advanced Car Handsfree with use of the system cable HCC-30. Quick and easy installation.	23.00 0.28 0.13	14.67 14.56 14.48
V 82 H	Sony Ericsson Mobile Comm. DPY901328 1 Year	This cable is required to attach the Advanced Car Handsfree HCA-20 with the Car Holder HCH-30. Should be installed by a qualified professional.	18.00 1 0.45	11.15 11.06 11.00
90 H	Sony Ericsson Mobile Comm. DPY901222 1 Year	Handsfree Kit engineered for superior sound quality. Reduces engine and road noise up to 75% when on a call. Also, supports voice control features, and Simple Music Mute silences the car radio when you receive a call. Professional installation required. There are two options for installation of the HCA 20. One uses a phone specific cradle and another uses a generic cradle. The generic cradle allows different phones to use the car kit without changing anything in the car. Using the phone specific cradle, the following products/accessories must be purchased to use the HCA-20. Car Holder: HCH-21 (T28, T39), HCH-27 (A2218z, A2228z, R300), HCH-22 (R380, R520m), HCH-29 (T60, T61), HCH-28(T68). System Cables: HCC-11 (T28, T39, R380, R520), HCC-12 (A2218z, A2228z, R300), HCC-20 (T60, T61, T68). As an alternate set up, the following phones can use the generic car holder (HCH 30) with the generic system cable (HCC 30) in conjunction with the HCA-20: A2218z, T28, T39, T68, R300 and R380.	130.80 2.55 1.16	87.37 86.71 86.19
53 H	Sony Ericsson Mobile Comm. DPY901194/1 1 Year	System Cable. Used in conjunction with the HCA-20 Advanced Vehicle Handsfree Kit	20.85 2 0.91	13.91 13.81 13.72
03 H	Sony Ericsson Mobile Comm. DPY901047 1 Year	The External Handset HCE-10 lets you have private calls in your car without removing your phone from its holder. Requires the Advanced Vehicle Handsfree HCA-20 that is sold separately.	135.20 0.8 0.36	90.29 89.62 89.07

sson Handsfree Car Kit Components



415137

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
7 H	Sony Ericsson Mobile Comm. DPY901062 1 Year	Data Extension Cable for connection of phone to PC for data connectivity. Must be used with DI-28.	26.50 1 0.45	17.68 17.55 17.44

Ericsson Handsfree Kit

476197

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

- Ericsson HF2500D vehicle handsfree install kit. Adjustable cradle turns into a car phone. External antenna port with TNC connector. Charger replenishes battery. Includes phone holder with loudspeaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
476197 1 EACH	Sony Ericsson Mobile Comm. DPY901130 1 Year	Makes it possible to connect your car holder (HCH-21) to an external antenna for improved reception.	19.45 0.3 0.14	12.98 12.88 12.80

Headsets [262-10]

Bluetooth Headsets

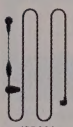
466145

425368

The Motorola Bluetooth headset provides a cordless connection to your mobile phone. Carry on handsfree conversation without the restriction of a cord.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **466145** 1 EACH	Sony Ericsson Mobile Comm. DPY901280/01 1 Year	Bluetooth Handsfree	216.80 1.3 0.59	144.80 143.72 142.85
NEW **425368** 1 EACH	Sony Ericsson Mobile Comm. DPY901272/02 1 Year	HBH-30, Wireless handsfree product with built-in Bluetooth technology that combines powerful performance with a streamlined appearance. Talk time is up to 4 hours. Standby time is up to 100 hours. Requires Bluetooth Adapter DBA-10 for the following phones: T20, T28, T28 World, T29, T60, T61, T62, T65, T200, R320, R310, A2228z, A2628.	177.30 0.7 0.32	118.41 117.53 116.82

Ericsson Portable Handsfree Kits



423091

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
423091 1 EACH	Sony Ericsson Mobile Comm. DPY1012297 1 Year	Keeps you talking anywhere, anytime. Stay connected safely with Ericsson's Portable Handsfree. Whether you're driving, walking or shopping, you're free to concentrate on what really matters. Answer button keeps you in control. Shirt clip includes a holder for earpiece when not in use.	23.00 0.2 0.09	9.75 9.68 9.63

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Ericsson T28

Ericsson Bluetooth Headsets

438085

First truly wireless headset with in-the-ear design. Supports voice activated dialing, answering and memo. Activate or take calls whether your phone is in another room or at your side. Range is 30 feet. Three hours talk time and 60 hours standby time. Two hours to charge. Charging cradle not included.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
438085 1 EACH	Sony Ericsson Mobile Comm. DPY901110/01 1 Year	Bluetooth Adapter. Adds Bluetooth to your Ericsson mobile phone. Can also be used for data functionality with a Bluetooth PC card and laptop. The adapter snaps onto the base of your phone easily and is small enough to fit in your pocket. It also has a charging port built-in, so you don't have to remove the adapter to charge your phone. The adapter is required for the following phone models: T28, T60, T61, A2218z.	122.25 0.44 0.2	81.65 81.04 80.55

Wireless Solutions EarBud Headset

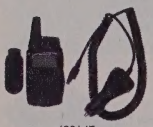
459159

The Wireless Soluitons EarBud is the most cost-effective, solution for mobile phone users wanting a hands-free alternative at a value price. The EarBud integrates the microphone as part of the cable leading from the ear to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
459159 1 EACH	Wireless Solutions 441090U Lifetime	Earbud Headset	27.00 0.3 0.14	12.09 10.09 8.09

Portable Cellular Phone Accessory Kit [262-50]

Wireless Solutions Starter Kits



489147

Starter Kits include a glove leather fitted case and a vehicle power adapter. Wireless Solutions Retail Packaging.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
489147 1 EACH	Wireless Solutions 498037U Lifetime	Starter Kit-Includes Vehicle Power Adapter and Open-Faced Leather Case	33.00 0.5 0.23	13.90 11.92 9.90

Data Interfaces for Portable Phones [260-12]

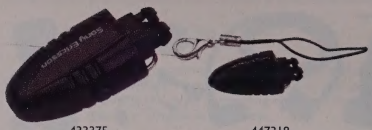
Sony Ericsson RS232 Data Cables

437022

ERICSSON RS232 data Cable to facilitate the connection to PC's that don't support infared communication. Convenient PC connectivity.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **437022** 1 EACH	Sony Ericsson Mobile Comm. DPY901236	The enhanced RS232 Cable DRS-11 connects tthe system connector of your 3V phone to the serial port of your PC. It gives you access to data, fax and modem operations via GSM and TDMA products.	37.00 0.23 0.1	22.80 22.64 22.50

Light



433375 447318

Original accessories... "from th people that made your phone(T OEMs design and manufacture accessories to match the speci requirements of their phones, fying the most demanding custo You can trust the high quality performance of original access

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW **433375** 1 EACH	Sony Ericsson Mobile Comm. NTK102023	A laser pointer to impress your audience. Giving a presentation, you can use this tiny accessory to point to elements on a large screen.	12.00 0.12 0.05	8. 8. 8.
NEW **447318** 1 EACH	Sony Ericsson Mobile Comm. NTK102022	This tiny snap-on accessory gives off a strong blue light when attached to your Sony Ericsson mobile phone. Use it in complete darkness, and you will be surprised at its strength. To make sure you have it with you at all times, hang it on a key ring or phone bag.	7.00 0.1 0.05	4. 4. 4.

Ericsson Data Cables

498175

Original accessories... "from the people that made your phone(TM)." OE design and manufacture accessories to match the specific requirements their phones, satisfying the most demanding customer. You can trust the quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
498175 1 EACH	Sony Ericsson Mobile Comm. DPY901240 One Year	The USB Cable DCU-10 is an ideal link between your mobile phone and PC. The user friendly USB standard and the high data transfer speed, makes the USB cable a perfect tool for moving data between your phone and a PC, for example when synchronizing your phone book and calendar. If your phone has a built-in modem, you can use the cable to connect to the Internet via your mobile phone, making Web and e-mail access possible from virtually any location. The USB cable also features a charger port, that lets you charge the phone while the cable is in use, ensuring that you do not run out of power. Includes CD	43.00 0.5 0.23	26 26 26

Digital Organizers [260-30]

Ericsson Chatboard

453012

The Chatboard is a 49 key, snap-on keyboard that allows you t send e-mail, access SMS and the WWW, send attachments and access your phonebook. Your documents and attachments are stored in your personal homepage on the Chatboard Commu Website, www.Ericsson.com/Chatboard. Just press the SMS or mail button on the keyboard and start typing. The Chatboard w with Ericsson T18z phone and the 1 888 World phone. The Ch board weighs less than 2 ounces. Retail Packaged.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
453012 1 EACH	Sony Ericsson Mobile Comm. I/NTK10246 1 Year	Send an important message to anyone in an instant using the Chatboard, an attachable keyboard for your mobile phone. Snap on the pocket sized accessory to the base of your phone, and you're ready to begin.	11.00 0.2 0.09	7. 7. 7.

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Mounting Plates, Cradles, Holders [150-40]

son Phone Holder

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

59 79864

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Sony Ericsson Mobile Comm. KRY1011652 1 Year	Universal phone mount. Compact and durable. Allows easy positioning of your phone. Kit includes two phone mounts, screws and adhesive tabs. A belt clip must be purchased separately to use the phone mount.	7.60 0.85 0.39	5.07 5.04 5.01
Sony Ericsson Mobile Comm. DPY901075/01	Car Holder HCH-21 is a passive cradle in dark grey plastic. By placing the phone snugly into the form-fitted hollow, the phone's system connector is automatically fit over a connector extension. Accessories can then be attached to the phone via the holder's base, letting you connect a PHF or CLA, for example.**Does not come with air vent mount as shown in picture.	13.85 0.29 0.13	9.24 9.17 9.11

son Windshield Mount

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

401

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Sony Ericsson Mobile Comm. KRY1031001/55 1 Year	Positions your phone safely and conveniently inside your car. Sturdy, flexible and adjustable. Secures your phone while keeping it within reach.	12.80 0.2 0.09	8.52 8.45 8.40

lount

The UltiMount by Pro.Fit International secures any phone or car kit in any vehicle. It swivels, rotates and adjusts to virtually any position and installs in seconds with 3M acrylic foam tape. No tools are needed. Great for cars, trucks, RV's or boats. Designed for cell phones, two- way radios, handheld GPS units and PDA's. The complete system includes a swivel belt clip, Nokia button, round and oblong buttons and surface preparation supplies. Will also work with a case with a built-in belt clip. Premium trifold clam-shell package with a color insert card and complete instructions for installing and removing.

8327

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Pro.Fit International UL747 Lifetime	UltiMount	24.95 0.5 0.23	15.00 13.98 13.95

Cellular Antenna Couplers [362-41]

rConnect Cables

ClearConnect cables allow easy connection to an external antenna to improve the phone's performance. 12" cable attaches directly to the phone and terminates in a TNC female connector.

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Superior Comm. 32543 3 Year	Fits Ericsson T28 series	14.15 0.1 0.05	6.76 6.52 6.37

Compatible Phone Models:

Ericsson T60
Ericsson T62u

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

Ericsson Portable Phone Batteries

483136 456192

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
483136 1 EACH	Sony Ericsson Mobile Comm. BKB1931052 1 Year	Power to fit your phone's style. Internal Lithium Ion 950 mAh battery. 900 mAh LiIo 3 hours 45 minutes talk time/ up to 230 hours stand by.	24.00 0.25 0.11	15.87 15.75 15.66
456192 1 EACH	Sony Ericsson Mobile Comm. BKB1931051 1 Year	Replacement Battery. Specifically for the T60c phone model. 800mah LiIo Polymer	22.10 0.25 0.11	15.27 15.16 15.07

Wireless Solutions Batteries

441387

- High Quality, Great Value
- Attractive retail packaging that promotes self selection and consumer education
- Available with merchandising system that drives multiple and repeat purchases to improve overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **441387** 1 EACH	Wireless Solutions 450301U Lifetime	Internal Replacement Battery Black 600 mAh LiIo 1 to 3 hours DTT/3-5 days DST	30.55 0.2 0.09	21.02 17.01 15.26

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Vehicle Power Adapters [275-10]

Wireless Solutions Vehicle Power Adapter

467069

Wireless Solutions Vehicle adapters are a great value, and high quality. Quality tested cable returns to original shape after multiple stretches. Attractive retail packaging.

- Variable rate charging for safety & convenience (no overcharging)
- Enough current to make a call with a discharged battery
- Attractive retail packaging that promotes self selection and consumer education
- Available with revolutionary merchandising system that drives multiple and repeat purchase to improve overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **467069** 1 EACH	Wireless Solutions 464178U Lifetime	Vehicle Power Adapter. Retail Packaged.	23.00 0.3 0.14	7.24 5.91 4.60

Battery Conditioning Units [305-10]

Ericsson Desk Top Chargers

490058

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **490058** 1 EACH	Sony Ericsson Mobile Comm. DPY901077/01 1 Year	Keep your phone close at hand. Connect the Desk/ Wall Stand to any compatible Ericsson Rapid or Travel Charger, and you have a portable desktop charger.	12.85 0.3 0.14	8.57 8.50 8.45

Face Plates [311-10]

Ericsson Snap-on Covers

426342 433317 451365 488318 467167

475349

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **426342** 1 EACH	Sony Ericsson Mobile Comm. NTK102039 1 Year	Interchangeable cover. Ocean Blue.	18.00 0.25 0.11	12.19 12.11 12.04
NEW **433317** 1 EACH	Sony Ericsson Mobile Comm. NTK102038 1 Year	Interchangeable cover. Blade Green.	18.00 0.25 0.11	12.18 12.09 12.02
NEW **451365** 1 EACH	Sony Ericsson Mobile Comm. NTK102041 1 Year	Interchangeable cover. Orange Flare.	17.50 0.25 0.11	12.53 12.44 12.37
NEW **488318** 1 EACH	Sony Ericsson Mobile Comm. NTK102040 1 Year	Interchangeable cover. Blush Red.	17.50 0.25 0.11	12.53 12.44 12.37

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
467167 1 EACH	Sony Ericsson Mobile Comm. NTK10290 1 Year	Interchangeable cover for the T60. Orange Flare.	25.00 0.25 0.11	
NEW **475349** 1 EACH	Sony Ericsson Mobile Comm. NTK102044 1 Year	Snap-on cover for the T60.	30.00 0.2 0.09	

AleEv Faceplates Ericsson T60 series

410340 414315 414376 419347 421357 421366 427350

429396 448353 456328 458354 465354 466375 476331

486362 490320 490396 496317

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW **410340** 1 EACH	AleEv (formerly MTU) 21804 6 month Ltd. Lifetime	Faceplate - Pink Pigs	29.95 0.25 0.11
NEW **414315** 1 EACH	AleEv (formerly MTU) 21816 6 month Ltd. Lifetime	Faceplate - Brown Cow	29.95 0.25 0.11
NEW **414376** 1 EACH	AleEv (formerly MTU) 21808 6 month Ltd. Lifetime	Faceplate - Iron Plate	29.95 0.25 0.11
NEW **419347** 1 EACH	AleEv (formerly MTU) 21800 6 month Ltd. Lifetime	Faceplate - Black flame	29.95 0.25 0.11
NEW **421357** 1 EACH	AleEv (formerly MTU) 21817 6 month Ltd. Lifetime	Faceplate - High Tech	29.95 0.25 0.11
NEW **421366** 1 EACH	AleEv (formerly MTU) 21811 6 month Ltd. Lifetime	Faceplate - Carps in Pond	29.95 0.25 0.11
NEW **427350** 1 EACH	AleEv (formerly MTU) 21809 6 month Ltd. Lifetime	Faceplate - Extreme Circles	29.95 0.25 0.11
NEW **429396** 1 EACH	AleEv (formerly MTU) 21801 6 month Ltd. Lifetime	Faceplate - Sweet	29.95 0.25 0.11
NEW **448353** 1 EACH	AleEv (formerly MTU) 21814 6 month Ltd. Lifetime	Faceplate - Pink Love	29.95 0.25 0.11

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ing product table (2 of 2)

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 328 CH	AleEv (formerly MTU) 21813 6 month Ltd. Lifetime	Faceplate - Tiger	29.95 0.25 0.11	19.23 18.69 17.94
W 354 CH	AleEv (formerly MTU) 21805 6 month Ltd. Lifetime	Faceplate - Moon	29.95 0.25 0.11	19.23 18.69 17.94
W 354 CH	AleEv (formerly MTU) 21818 6 month Ltd. Lifetime	Faceplate - Inka	29.95 0.25 0.11	19.23 18.69 17.94
W 375 CH	AleEv (formerly MTU) 21806 6 month Ltd. Lifetime	Faceplate - Surf Shirt	29.95 0.25 0.11	19.23 18.69 17.94
W 331 CH	AleEv (formerly MTU) 21819 6 month Ltd. Lifetime	Faceplate - Beautiful	29.95 0.25 0.11	19.23 18.69 17.94
W 362 CH	AleEv (formerly MTU) 21802 6 month Ltd. Lifetime	Faceplate - Forever with You	29.95 0.25 0.11	19.23 18.69 17.94
W 320 CH	AleEv (formerly MTU) 21815 6 month Ltd. Lifetime	Faceplate - Tattoo	29.95 0.25 0.11	19.23 18.69 17.94
W 396 CH	AleEv (formerly MTU) 21810 6 month Ltd. Lifetime	Faceplate - Caveman	29.95 0.25 0.11	19.23 18.69 17.94
W 317 CH	AleEv (formerly MTU) 21807 6 month Ltd. Lifetime	Faceplate - Ultra sonic	29.95 0.25 0.11	19.23 18.69 17.94

FPF Fun Friends

Fun Friends are leading the way with adorable characters that give new attitude to these otherwise dull products. Fun Friends are a perfect match for all who enjoy plush characters ranging from Funky the Monkey to Tadpole our Lime Green Frog.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 417318 1 EACH	funphonefriend.com A-05 30 days	Fun Friends phone cover. Tapole Frog	15.00 0.32 0.15	6.50 5.75 5.21
NEW 425345 1 EACH	funphonefriend.com A-01 30days	FunFriends phone cover. Bully-Bulldog	15.00 0.32 0.15	6.50 5.75 5.21
NEW 440370 1 EACH	funphonefriend.com A-22 30 days	Fun Friends Funky- Monkey	15.00 0.32 0.15	6.50 5.75 5.21
NEW 441386 1 EACH	funphonefriend.com A-3 30 days	Fun Friends phone covers. Floppy Reg	15.00 0.32 0.15	6.50 5.75 5.21
NEW 454305 1 EACH	funphonefriend.com A-19 30 days	FunFriends phone cover. ALI- Aligator	15.00 0.32 0.15	6.50 5.75 5.21
NEW 472388 1 EACH	funphonefriend.com A-17 30 days	FunFriends phone cover. Beary- Lavender Bear	15.00 0.32 0.15	6.50 5.75 5.21
NEW 474325 1 EACH	funphonefriend.com A-27 30 days	Fun Friends phone cover. Santa	15.00 0.32 0.15	6.50 5.75 5.21
NEW 481374 1 EACH	funphonefriend.com A-15 30 days	Fun Friends phone covers. Dangles- Dog Hanging Legs	15.00 0.32 0.15	6.50 5.75 5.21
NEW 482389 1 EACH	funphonefriend.com A-24 30 days	Fun Friends phone covers. Munchie- Manatee	15.00 0.32 0.15	6.50 5.75 5.21
NEW 486359 1 EACH	funphonefriend.com A-10 30 days	Fun Friends phone covers. Kit Kat- Cat	15.00 0.32 0.15	6.50 5.75 5.21
NEW 488341 1 EACH	funphonefriend.com A-7 30 days	Fun Friends phone cover. Larry -Lobster	15.00 0.32 0.15	6.50 5.75 5.21
NEW 490397 1 EACH	funphonefriend.com A-21 30 days	Fun Friends phone covers. Cheeser- Mouse	15.00 0.32 0.15	6.50 5.75 5.21
NEW 491340 1 EACH	funphonefriend.com A-09 30 days	Fun Friends phone covers. Oinky- Pig	15.00 0.32 0.15	6.50 5.75 5.21
NEW 499325 1 EACH	funphonefriend.com A-20 30 days	Fun Friends phone covers. Moo Moo- Cow	15.00 0.32 0.15	6.50 5.75 5.21

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Ericsson T60

Chargers, Desk Top, Travel [305-60]

Ericsson Desktop Charger

473167

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

- MultiCharger recharges the battery on the phone and a spare battery at the same time. Conditioning feature lets you charge and discharge the battery in the rear position with the push of a button.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
473167 1 EACH	Sony Ericsson Mobile Comm. DPY901260 1 Year	A flexible, elegant holder for your Ericsson mobile phone. Keeps your phone's display in view so you won't miss a call. Full system connector offers versatility for connecting a charger, handsfree or Bluetooth adapter. Requires CTR-10 or CTR-11 travel charger for power source (sold separately).	12.00 0.2 0.09	6.13 6.09 6.06

Ericsson Travel Chargers

423355

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **423355** 1 EACH	Sony Ericsson Mobile Comm. NTK102031 1 Year	A standard charger for all of our 3-volt products with system connector. The charger consists of an AC/DC unit including a wall plug, a DC cable and a DC power connector.	15.05 0.3 0.14	12.53 12.44 12.37

Cases for Portable Cellular Phones [310-10]

Ericsson (OEM) Wireless Phone Holsters

471166

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **471166** 1 EACH	Sony Ericsson Mobile Comm. NTK102018 1 Year	Keep your phone close by with Phone Holster ICT-15. Worn on your belt, the holster holds your phone facing in or out depending on your unique needs. When facing out, the keypad is always accessible so you don't need to remove the phone from the holster to make a call. Black	20.00 0.2 0.09	5.80 5.76 5.72

Wireless Solutions Cases

- High quality leather
- Nylon stitching
- Leather covered rust resistant spring clip
- Mylar plastic that will not yellow or crack
- Environmentally tested to ensure durability
- Attractive retail packaging that promotes self selectionand consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **414374** 1 EACH	Wireless Solutions 420159U 1 Year	Leather case with built-in swivel and belt clip. Retail packaged. Black	11.60 0.4 0.18	7.50 6.87 6.30

Wireless Solutions Phone Holsters

498360

- Phone Holster can ratchet 180 degrees.
- Phone sits firmly in place inside of holster.
- Holster is manufactured with high-impact plastic.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW **498360** 1 EACH	Wireless Solutions 480337U 1 Year	Ratcheting Phone Holster Black	7.75 0.3 0.14	5.5 4.6 3.6

MTU Holsters

446353

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW **446353** 1 EACH	AleEv (formerly MTU) 21991 1 Year	Rverse style holster for T60. Black	14.20 0.25 0.11	5.7 5.3 4.9

Hands Free Kits, Mics, Headsets [262-09]

Ericsson Portable Handsfree Kits

460327 460345

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW **460327** 1 EACH	Sony Ericsson Mobile Comm. NTK10299 1 Year	The SmartBack SHR-11 is an FM Radio neatly integrated into a T60 or T61 battery cover. As soon as you plug in the portable handsfree, the FM radio menu appears in the display. You can easily control the radio using the joystick and the keys on the T60 or T61. When a call comes in, the radio is automatically muted. The radio works within the frequency range 87.5-108 MHz, and you can preset your six favorite stations.	37.65 1 0.45	29. 29. 28.
NEW **460345** 1 EACH	Sony Ericsson Mobile Comm. NTK10296 1 Year	The SmartBack SHW-10 is a Portable Handsfree neatly integrated into a T60 or T61 battery cover. You can easily answer calls using the answer button, and the microphone is built in to the earpiece. The retractable handsfree wire is 80cm in length. You can transfer sound between the Portable Handsfree and the phone with the switch placed on the SmartBack.	24.95 0.4 0.18	19. 19. 18.

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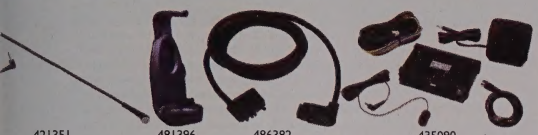
sson HCA-10 Advanced Handsfree Kit



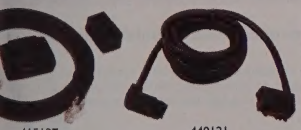
421351 481396 486382 435090

03 459191

ERICSSON Advanced handsfree Kit for the Ericsson T28. Features stylish design, voice-dialing, adjustable holder, full duplex mic, automatic acoustic tuning and full connectivity.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
V 51 H	Sony Ericsson Mobile Comm. RLC509401/02 1 Year	A microphone on a flexible gooseneck that makes it easy to access and further enhance sound quality.	25.00 1 0.45	15.98 15.86 15.77
V 96 H	Sony Ericsson Mobile Comm. DPY901323 1 Year	Car Holder that is easy to adjust to different phone models. A basic handsfree solution that keeps the phone firmly attached and close at hand for increased traffic safety. Can be connected to Advanced Car Handsfree with use of the system cable HCC-30. Quick and easy installation.	23.00 0.28 0.13	14.67 14.56 14.48
V 82 H	Sony Ericsson Mobile Comm. DPY901328 1 Year	This cable is required to attach the Advanced Car Handsfree HCA-20 with the Car Holder HCH-30. Should be installed by a qualified professional.	18.00 1 0.45	11.15 11.06 11.00
90 H	Sony Ericsson Mobile Comm. DPY901222 1 Year	Handsfree Kit engineered for superior sound quality. Reduces engine and road noise up to 75% when on a call. Also, supports voice control features, and Simple Music Mute silences the car radio when you receive a call. Professional installation required. There are two options for installation of the HCA 20. One uses a phone specific cradle and another uses a generic cradle. The generic cradle allows different phones to use the car kit without changing anything in the car. Using the phone specific cradle, the following products/accessories must be purchased to use the HCA-20. Car Holder: HCH-21 (T28, T39), HCH-27 (A2218z, A2228z, R300), HCH-22 (R380, R520m), HCH-29 (T60, T61), HCH-28(T68). System Cables: HCC-11 (T28, T39, R380, R520), HCC-12 (A2218z, A2228z, R300), HCC-20 (T60, T61, T68). As an alternate set up, the following phones can use the generic car holder (HCH 30) with the generic system cable (HCC 30) in conjunction with the HCA-20: A2218z, T28, T39, T68, R300 and R380.	130.80 2.55 1.16	87.37 86.71 86.19
03 H	Sony Ericsson Mobile Comm. DPY901047 1 Year	The External Handset HCE-10 lets you have private calls in your car without removing your phone from its holder. Requires the Advanced Vehicle Handsfree HCA-20 that is sold separately.	135.20 0.8 0.36	90.29 89.62 89.07
91 H	Sony Ericsson Mobile Comm. DPY901306 1 Year	Car Holder HCH-29 is a passive cradle in dark grey plastic. By placing the phone snugly into the form-fitted hollow, the phoneøs system connector is automatically fit over a connector extension. Accessories can then be attached to the phone via the holderøs base, letting you connect a PHF or CLA, for example.	26.30 1 0.45	17.55 17.41 17.31

sson Handsfree Car Kit Components



415137 440121

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37 H	Sony Ericsson Mobile Comm. DPY901062 1 Year	Data Extension Cable for connection of phone to PC for data connectivity. Must be used with DI-28.	26.50 1 0.45	17.68 17.55 17.44
21 H	Sony Ericsson Mobile Comm. DPY901270 1 Year	System Cable HCC-20 is a cable for in-car use. It attaches the Advanced Car Handsfree HCA-20 to your Car Holder, connecting the electronics unit with your phone. Installation by an authorized professional is required.	16.55 1 0.45	11.05 10.97 10.90

Ericsson Handsfree Kit

476197

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

- Ericsson HF2500D vehicle handsfree install kit. Adjustable cradle turns into a car phone. External antenna port with TNC connector. Charger replenishes battery. Includes phone holder with loudspeaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
476197 1 EACH	Sony Ericsson Mobile Comm. DPY901130 1 Year	Makes it possible to connect your car holder (HCH-21) to an external antenna for improved reception.	19.45 0.3 0.14	12.98 12.88 12.80

Headsets [262-10]

Bluetooth Headsets

466145 425368

The Motorola Bluetooth headset provides a cordless connection to your mobile phone. Carry on handsfree conversation without the restriction of a cord.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 466145 1 EACH	Sony Ericsson Mobile Comm. DPY901280/01 1 Year	Bluetooth Handsfree	216.80 1.3 0.59	144.80 143.72 142.85
NEW 425368 1 EACH	Sony Ericsson Mobile Comm. DPY901272/02 1 Year	HBH-30, Wireless handsfree product with built-in Bluetooth technology that combines powerful performance with a streamlined appearance. Talk time is up to 4 hours. Standby time is up to 100 hours. Requires Bluetooth Adapter DBA-10 for the following phones: T20, T28, T28 World, T29, T60, T61, T62, T65, T200, R320, R310, A2228z, A2628.	177.30 0.7 0.32	118.41 117.53 116.82

Ericsson Portable Handsfree Kits

423091

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
423091 1 EACH	Sony Ericsson Mobile Comm. DPY1012297 1 Year	Keeps you talking anywhere, anytime. Stay connected safely with Ericsson's Portable Handsfree. Whether you're driving, walking or shopping, you're free to concentrate on what really matters. Answer button keeps you in control. Shirt clip includes a holder for earpiece when not in use.	23.00 0.2 0.09	9.75 9.68 9.63

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Ericsson Bluetooth Headsets

438085

First truly wireless headset with in-the-ear design. Supports voice activated dialing, answering and memo. Activate or take calls whether your phone is in another room or at your side. Range is 30 feet. Three hours talk time and 60 hours standby time. Two hours to charge. Charging cradle not included.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
438085 I EACH	Sony Ericsson Mobile Comm. DPY901110/01 1 Year	Bluetooth Adapter. Adds Bluetooth to your Ericsson mobile phone. Can also be used for data functionality with a Bluetooth PC card and laptop. The adapter snaps onto the base of your phone easily and is small enough to fit in your pocket. It also has a charging port built-in, so you don't have to remove the adapter to charge your phone. The adapter is required for the following phone models: T28, T60, T61, A2218z.	122.25 0.44 0.2	81.65 81.04 80.55

Data Interfaces for Portable Phones [260-12]

Sony Ericsson RS232 Data Cables

437022

ERICSSON RS232 data Cable to facilitate the connection to PC's that don't support infared communication. Convenient PC connectivity.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **437022** I EACH	Sony Ericsson Mobile Comm. DPY901236	The enhanced RS232 Cable DRS-11 connects tthe system connector of your 3V phone to the serial port of your PC. It gives you access to data, fax and modem operations via GSM and TDMA products.	37.00 0.23 0.1	22.80 22.64 22.50

Light

433375

447318

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **433375** I EACH	Sony Ericsson Mobile Comm. NTK102023	A laser pointer to impress your audience. Giving a presentation, you can use this tiny accessory to point to elements on a large screen.	12.00 0.12 0.05	8.36 8.29 8.24
NEW **447318** I EACH	Sony Ericsson Mobile Comm. NTK102022	This tiny snap-on accessory gives off a strong blue light when attached to your Sony Ericsson mobile phone. Use it in complete darkness, and you will be surprised at its strength. To make sure you have it with you at all times, hang it on a key ring or phone bag.	7.00 0.1 0.05	4.18 4.15 4.12

Ericsson Data Cables

467171

498175

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
467171 I EACH	Sony Ericsson Mobile Comm. DPY901263 1 Year	Send messages faster with the Chatboard, the attachable keyboard for your mobile phone. Just snap on the pocket-sized accessory to the base of your phone, and you're ready to begin typing. It's the perfect way to send messages quickly and quietly. Not compatible with A1228 series.	28.00 0.3 0.14	18.89 18.75 18.64

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
498175 I EACH	Sony Ericsson Mobile Comm. DPY901240 One Year	The USB Cable DCU-10 is an ideal link between your mobile phone and PC. The user friendly USB standard and the high data transfer speed, makes the USB cable a perfect tool for moving data between your phone and a PC, for example when synchronizing your phone book and calendar. If your phone has a built-in modem, you can use the cable to connect to the Internet via your mobile phone, making Web and e-mail access possible from virtually any location. The USB cable also features a charger port, that lets you charge the phone while the cable is in use, ensuring that you do not run out of power. Includes CD	43.00 0.5 0.23	26 26 26

Digital Organizers [260-30]

Ericsson Chatboard

453012

The Chatboard is a 49 key, snap-on keyboard that allows you t send e-mail, access SMS and the WWW, send attachments and access your phonebook. Your documents and attachments are stored in your personal homepage on the Chatboard Commu Website, www.Ericsson.com/Chatboard. Just press the SMS or mail button on the keyboard and start typing. The Chatboard w with Ericsson T18z phone and the I 888 World phone. The Ch board weighs less than 2 ounces. Retail Packaged.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
453012 I EACH	Sony Ericsson Mobile Comm. I/NTK10246 1 Year	Send an important message to anyone in an instant using the Chatboard, an attachable keyboard for your mobile phone. Snap on the pocket sized accessory to the base of your phone, and you're ready to begin.	11.00 0.2 0.09	7. 7. 7.

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Compatible Phone Models:

Ericsson T61

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

son Portable Phone Batteries

483136

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

o. m	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
6 H	Sony Ericsson Mobile Comm. BKB1931052 1 Year	Power to fit your phone's style. Internal Lithium Ion 950 mAh battery. 900 mAh Lilo 3 hours 45 minutes talk time/ up to 230 hours stand by.	24.00 0.25 0.11	15.87 15.75 15.66

less Solutions Batteries

441387

Quality, Great Value

tive retail packaging that promotes self selec- nd consumer education

- Available with merchandising system that drives multiple and repeat purchases to improve overall profitability

o. m	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
7 H	Wireless Solutions 450301U Lifetime	Internal Replacement Battery Black 600 mAh Lilo 1 to 3 hours DTT/3-5 days DST	30.55 0.2 0.09	21.02 17.01 15.26

Vehicle Power Adapters [275-10]

less Solutions Vehicle Power Adapter

67069

Wireless Solutions Vehicle adapters are a great value, and high quality. Quality tested cable returns to original shape after multiple stretches. Attractive retail packaging.

le rate charging for safety & convenience (no harging)
n current to make a call with a discharged bat-

- Attractive retail packaging that promotes self selection and consumer education
- Available with revolutionary merchandising system that drives multiple and repeat purchase to improve overall profitability

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
9 H	Wireless Solutions 464178U Lifetime	Vehicle Power Adapter. Retail Packaged.	23.00 0.3 0.14	7.24 5.91 4.60

Battery Conditioning Units [305-10]

Ericsson Desk Top Chargers

490058

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **490058** 1 EACH	Sony Ericsson Mobile Comm. DPY901077/01 1 Year	Keep your phone close at hand. Connect the Desk/ Wall Stand to any compatible Ericsson Rapid or Travel Charger, and you have a portable desktop charger.	12.85 0.3 0.14	8.57 8.50 8.45

Face Plates [311-10]

Ericsson Snap-on Covers

426342 433317 451365 488318 475349

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **426342** 1 EACH	Sony Ericsson Mobile Comm. NTK102039 1 Year	Interchangeable cover. Ocean Blue.	18.00 0.25 0.11	12.19 12.11 12.04
NEW **433317** 1 EACH	Sony Ericsson Mobile Comm. NTK102038 1 Year	Interchangeable cover. Blade Green.	18.00 0.25 0.11	12.18 12.09 12.02
NEW **451365** 1 EACH	Sony Ericsson Mobile Comm. NTK102041 1 Year	Interchangeable cover. Orange Flare.	17.50 0.25 0.11	12.53 12.44 12.37
NEW **488318** 1 EACH	Sony Ericsson Mobile Comm. NTK102040 1 Year	Interchangeable cover. Blush Red.	17.50 0.25 0.11	12.53 12.44 12.37
NEW **475349** 1 EACH	Sony Ericsson Mobile Comm. NTK102044 1 Year	Snap-on cover for the T60.	30.00 0.2 0.09	22.94 22.77 22.63

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FPF Fun Friends

Fun Friends are leading the way with adorable characters that give new attitude to these otherwise dull products. Fun Friends are a perfect match for all who enjoy plush characters ranging from Funky the Monkey to Tadpole our Lime Green Frog.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 417318 1 EACH	funphonefriend.com A-05 30 days	Fun Friends phone cover. Tapole Frog	15.00 0.32 0.15	6.50 5.75 5.21
NEW 425345 1 EACH	funphonefriend.com A-01 30days	FunFriends phone cover. Bully-Bulldog	15.00 0.32 0.15	6.50 5.75 5.21
NEW 440370 1 EACH	funphonefriend.com A-22 30 days	Fun Friends Funky- Monkey	15.00 0.32 0.15	6.50 5.75 5.21
NEW 441386 1 EACH	funphonefriend.com A-3 30 days	Fun Friends phone covers. Floppy Reg	15.00 0.32 0.15	6.50 5.75 5.21
NEW 454305 1 EACH	funphonefriend.com A-19 30 days	FunFriends phone cover. ALI- Aligator	15.00 0.32 0.15	6.50 5.75 5.21
NEW 472388 1 EACH	funphonefriend.com A-17 30 days	FunFriends phone cover. Beary- Lavender Bear	15.00 0.32 0.15	6.50 5.75 5.21
NEW 474325 1 EACH	funphonefriend.com A-27 30 days	Fun Friends phone cover. Santa	15.00 0.32 0.15	6.50 5.75 5.21
NEW 481374 1 EACH	funphonefriend.com A-15 30 days	Fun Friends phone covers. Dangles- Dog Hanging Legs	15.00 0.32 0.15	6.50 5.75 5.21
NEW 482389 1 EACH	funphonefriend.com A-24 30 days	Fun Friends phone covers. Munchie- Manatee	15.00 0.32 0.15	6.50 5.75 5.21
NEW 486359 1 EACH	funphonefriend.com A-10 30 days	Fun Friends phone covers. Kit Kat- Cat	15.00 0.32 0.15	6.50 5.75 5.21
NEW 488341 1 EACH	funphonefriend.com A-7 30 days	Fun Friends phone cover. Larry -Lobster	15.00 0.32 0.15	6.50 5.75 5.21
NEW 490397 1 EACH	funphonefriend.com A-21 30 days	Fun Friends phone covers. Cheeser- Mouse	15.00 0.32 0.15	6.50 5.75 5.21
NEW 491340 1 EACH	funphonefriend.com A-09 30 days	Fun Friends phone covers. Oinky- Pig	15.00 0.32 0.15	6.50 5.75 5.21
NEW 499325 1 EACH	funphonefriend.com A-20 30 days	Fun Friends phone covers. Moo Moo- Cow	15.00 0.32 0.15	6.50 5.75 5.21

Chargers, Desk Top, Travel [305-60]

Ericsson Desktop Charger

Original accessories... "from the people that made your phone(TM)." OEMs de and manufacture accessories to match the specific requirements of their phon isfying the most demanding customer. You can trust the high quality and perfor mance of original accessories.

- MultiCharger recharges the battery on the phone and a spare battery at the same time. Conditioning fe lets you charge and discharge the battery in the rear position with the push of a button.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
473167 1 EACH	Sony Ericsson Mobile Comm. DPY901260 1 Year	A flexible, elegant holder for your Ericsson mobile phone. Keeps your phone's display in view so you won't miss a call. Full system connector offers versatility for connecting a charger, handsfree or Bluetooth adapter. Requires CTR-10 or CTR-11 travel charger for power source (sold separately).	12.00 0.2 0.09	

Ericsson Travel Chargers

Original accessories... "from the people that made your phone(TM)." OE design and manufacture accessories to match the specific requirements o phones, satisfying the most demanding customer. You can trust the high q and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
NEW 423355 1 EACH	Sony Ericsson Mobile Comm. NTK102031 1 Year	A standard charger for all of our 3-volt products with system connector. The charger consists of an AC/DC unit including a wall plug, a DC cable and a DC power connector.	15.05 0.3 0.14	

Cases for Portable Cellular Phones [310-10]

Ericsson (OEM) Wireless Phone Holsters

Original accessories... "from the people that made your phone(TM)." OE design and manufacture accessories to match the specific requirements their phones, satisfying the most demanding customer. You can trust the quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T
NEW 471166 1 EACH	Sony Ericsson Mobile Comm. NTK102018 1 Year	Keep your phone close by with Phone Holster ICT-15. Worn on your belt, the holster holds your phone facing in or out depending on your unique needs. When facing out, the keypad is always accessible so you don't need to remove the phone from the holster to make a call. Black	20.00 0.2 0.09	

Wireless Solutions Cases

- High quality leather
- Nylon stitching
- Leather covered rust resistant spring clip
- Mylar plastic that will not yellow or crack
- Environmentally tested to ensure durability
- Attractive retail packaging that promotes self se tionand consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T
NEW 414374 1 EACH	Wireless Solutions 420159U 1 Year	Leather case with built-in swivel and belt clip. Retail packaged. Black	11.60 0.4 0.18	

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e Ize Holsters

The Stand-Up Phone Holster provides the ultimate in protection and usability for your phone. Durable Ballistic nylon protects from moisture and scratches, and a secure holstering mechanism ensures your phone will never leave your belt unintentionally

345
lable in three sizes: small, medium and large.
tic sides expand to accomodate various phones
iple pockets hold accessories
dable metal frame stands, hangs or attaches to
ter and provides a hands-free workstation

- Security snap attaches securely to belt
- Open-ended design for CLA's, headset or other phone accessories

No. Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 345 CH	Nite Ize SUMP-07-01 2 years	Medium holster. Phone must fit into 5 1/2L" x 3 1/8"W x 1 1/4D" pocket.	28.25 0.15 0.07	14.68 14.34 14.11

e Ize Protective Case

Boxit mobile phone case provides the ultimate protection for any environment.

375 424372 467363 482355

ded polyurethane front and polycarbonate back
tects phone from moisture, dirt, dust, and shock.
ts too!
des two different lids to accomodate nearly
y phone. Antenna extensions and plugs are
uded for nearly every style antenna.

- Hear and talk through flexible transparent face while a special waterproof Gore audio membrane enhances audibility and guarantees effective sound transmission
- Operates from -40F to +140F. Approved to IP45 and IP65

No. Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 375 CH	Nite Ize NBX-07-01 2 years	BOXIT universal phone case. Onyx color	46.20 0.15 0.07	24.01 23.47 23.09
W 372 CH	Nite Ize NBX-07-04 2 years	BOXIT universal phone case. Crystal color.	46.20 0.15 0.07	24.01 23.47 23.09
W 363 CH	Nite Ize NBX-07-28 2 years	BOXIT universal phone case. Citron color.	46.20 0.15 0.07	24.01 23.47 23.09
W 355 CH	Nite Ize NBX-07-03 2 years	BOXIT universal phone case. Aqua color.	46.20 0.15 0.07	24.01 23.47 23.09

Waterproof Cases, Belt Clips [310-60]

csson Swivel Belt Clip

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

214

No. Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
14 CH	Sony Ericsson Mobile Comm. SXK1076820	Keep your phone close at hand. This compact accessory snaps easily to your belt while allowing your phone to conform to your body's motions. Clip is built with spring-steel and heavy duty plastic for extra durability. Depending on phone model, clip attaches to phone with screw or double sided tape. Black	6.35 0.3 0.14	4.73 4.69 4.67

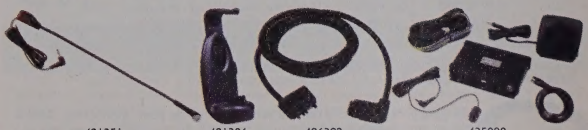
Hands Free Kits, Mics, Headsets [262-09]

Ericsson Portable Handsfree Kits

460327 460345

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 460327 1 EACH	Sony Ericsson Mobile Comm. NTK10299 1 Year	The SmartBack SHR-11 is an FM Radio neatly integrated into a T60 or T61 battery cover. As soon as you plug in the portable handsfree, the FM radio menu appears in the display. You can easily control the radio using the joystick and the keys on the T60 or T61. When a call comes in, the radio is automatically muted. The radio works within the frequency range 87.5-108 MHz, and you can preset your six favorite stations.	37.65 1 0.45	29.23 29.01 28.84
NEW 460345 1 EACH	Sony Ericsson Mobile Comm. NTK10296 1 Year	The SmartBack SHW-10 is a Portable Handsfree neatly integrated into a T60 or T61 battery cover. You can easily answer calls using the answer button, and the microphone is built in to the earpiece. The retractable handsfree wire is 80cm in length. You can transfer sound between the Portable Handsfree and the phone with the switch placed on the SmartBack.	24.95 0.4 0.18	19.21 19.07 18.96

Ericsson HCA-10 Advanced Handsfree Kit



421351 481396 486382 435090

444003 459191

ERICSSON Advanced handsfree Kit for the Ericsson T28. Features stylish design, voice-dialing, adjustable holder, full duplex mic, automatic acoustic tuning and full connectivity.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 421351 1 EACH	Sony Ericsson Mobile Comm. RLC509401/02 1 Year	A microphone on a flexible gooseneck that makes it easy to access and further enhance sound quality.	25.00 1 0.45	15.98 15.86 15.77
NEW 481396 1 EACH	Sony Ericsson Mobile Comm. DPY901323 1 Year	Car Holder that is easy to adjust to different phone models. A basic handsfree solution that keeps the phone firmly attached and close at hand for increased traffic safety. Can be connected to Advanced Car Handsfree with use of the system cable HCC-30. Quick and easy installation.	23.00 0.28 0.13	14.67 14.56 14.48
NEW 486382 1 EACH	Sony Ericsson Mobile Comm. DPY901328 1 Year	This cable is required to attach the Advanced Car Handsfree HCA-20 with the Car Holder HCH-30. Should be installed by a qualified professional.	18.00 1 0.45	11.15 11.06 11.00
435090 1 EACH	Sony Ericsson Mobile Comm. DPY901222 1 Year	Handsfree Kit engineered for superior sound quality. Reduces engine and road noise up to 75% when on a call. Also, supports voice control features, and Simple Music Mute silences the car radio when you receive a call. Professional installation required. There are two options for installation of the HCA 20. One uses a phone specific cradle and another uses a generic cradle. The generic cradle allows different phones to use the car kit without changing anything in the car. Using the phone specific cradle, the following products/accessories must be purchased to use the HCA-20. Car Holder: HCH-21 (T28, T39), HCH-27 (A2218z, A2228z, R300), HCH-22 (R380, R520m), HCH-29 (T60, T61), HCH-28(T68). System Cables: HCC-11 (T28, T39, R380, R520), HCC-12 (A2218z, A2228z, R300), HCC-20 (T60, T61, T68). As an alternate set up, the following phones can use the generic car holder (HCH 30) with the generic system cable (HCC 30) in conjunction with the HCA-20: A2218z, T28, T39, T68, R300 and R380.	130.80 2.55 1.16	87.37 86.71 86.19

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Ericsson T61

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
444003 1 EACH	Sony Ericsson Mobile Comm. DPY901047 1 Year	The External Handset HCE-10 lets you have private calls in your car without removing your phone from its holder. Requires the Advanced Vehicle Handsfree HCA-20 that is sold separately.	135.20 0.8 0.36	90.29 89.62 89.07
459191 1 EACH	Sony Ericsson Mobile Comm. DPY901306 1 Year	Car Holder HCH-29 is a passive cradle in dark grey plastic. By placing the phone snugly into the form-fitted hollow, the phoneøs system connector is automatically fit over a connector extension. Accessories can then be attached to the phone via the holderøs base, letting you connect a PHF or CLA, for example.	26.30 1 0.45	17.55 17.41 17.31

Ericsson Handsfree Car Kit Components

415137

440121

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
415137 1 EACH	Sony Ericsson Mobile Comm. DPY901062 1 Year	Data Extension Cable for connection of phone to PC for data connectivity. Must be used with DI-28.	26.50 1 0.45	17.68 17.55 17.44
440121 1 EACH	Sony Ericsson Mobile Comm. DPY901270 1 Year	System Cable HCC-20 is a cable for in-car use. It attaches the Advanced Car Handsfree HCA-20 to your Car Holder, connecting the electronics unit with your phone. Installation by an authorized professional is required.	16.55 1 0.45	11.05 10.97 10.90

Ericsson Handsfree Kit

476197

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

- Ericsson HF2500D vehicle handsfree install kit. Adjustable cradle turns into a car phone. External antenna port with TNC connector. Charger replenishes battery. Includes phone holder with loudspeaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
476197 1 EACH	Sony Ericsson Mobile Comm. DPY901130 1 Year	Makes it possible to connect your car holder (HCH-21) to an external antenna for improved reception.	19.45 0.3 0.14	12.98 12.88 12.80

Headsets [262-10]

Bluetooth Headsets

466145

425368

The Motorola Bluetooth headset provides a cordless connection to your mobile phone. Carry on handsfree conversation without the restriction of a cord.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 466145 1 EACH	Sony Ericsson Mobile Comm. DPY901280/01 1 Year	Bluetooth Handsfree	216.80 1.3 0.59	144.80 143.72 142.85
NEW 425368 1 EACH	Sony Ericsson Mobile Comm. DPY901272/02 1 Year	HBH-30, Wireless handsfree product with built-in Bluetooth technology that combines powerful performance with a streamlined appearance. Talk time is up to 4 hours. Standby time is up to 100 hours. Requires Bluetooth Adapter DBA-10 for the following phones: T20, T28, T28 World, T29, T60, T61, T62, T65, T200, R320, R310, A2228z, A2628.	177.30 0.7 0.32	118.41 117.53 116.82

Ericsson Portable Handsfree Kits

423091

Original accessories... "from the people that made your phone(TM)." OEMs desig and manufacture accessories to match the specific requirements of their phones, isfying the most demanding customer. You can trust the high quality and performar of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
423091 1 EACH	Sony Ericsson Mobile Comm. DPY1012297 1 Year	Keeps you talking anywhere, anytime. Stay connected safely with Ericsson's Portable Handsfree. Whether you're driving, walking or shopping, you're free to concentrate on what really matters. Answer button keeps you in control. Shirt clip includes a holder for earpiece when not in use.	23.00 0.2 0.09	9.75 9.68 9.63

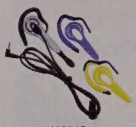
Ericsson Bluetooth Headsets

438085

First truly wireless headset with in-the-ear design. Supports voice activat dialing, answering and memo. Activate or take calls whether your phone in another room or at your side. Range is 30 feet. Three hours talk tim and 60 hours standby time. Two hours to charge. Charging cradle not included.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
438085 1 EACH	Sony Ericsson Mobile Comm. DPY901110/01 1 Year	Bluetooth Adapter. Adds Bluetooth to your Ericsson mobile phone. Can also be used for data functionality with a Bluetooth PC card and laptop. The adapter snaps onto the base of your phone easily and is small enough to fit in your pocket. It also has a charging port built-in, so you don't have to remove the adapter to charge your phone. The adapter is required for the following phone models: T28, T60, T61, A2218z.	122.25 0.44 0.2	81.6 81.0 80.5

Wireless Solutions 2.5mm Earwrap



460165

The Wireless Solutions EarWrap: noise-canceling mic, sleek, lightweight design, colorful accessories. Choose from snap-on boom covers and fle forming ear wraps in sleek tones of silver, blue and yellow.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
460165 1 EACH	Wireless Solutions 466053U Lifetime	Earwrap with colored faceplates and 2.5mm connector.	27.50 0.4 0.18	16.1 14.2 13.9

Wireless Solutions EarBoom Headset

424099

Wireless Solutions In The Ear headset features a boom mic. Comfortable. Provide go mic sound as well as in the ear speaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
424099 1 EACH	Wireless Solutions 484028U Lifetime	Earboom Headset with 2.5mm jack. Includes six eargels.	31.00 0.3 0.14	13.3 11.3 9.31

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eless Solutions EarBud Headset

445052

The Wireless Soluitons EarBud is the most cost-effective, solution for mobile phone users wanting a hands-free alternative at a value price. The EarBud integrates the microphone as part of the cable leading from the ear to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
52 H	Wireless Solutions 438045U Lifetime	Earbud Headset with 2.5mm jack. Includes six eargels.	27.00 0.3 0.14	12.09 10.09 8.09

Data Interfaces for Portable Phones [260-12]

y Ericsson RS232 Data Cables

437022

ERICSSON RS232 data Cable to facilitate the connection to PC's that don't support infared communication. Convenient PC connectivity.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
/ 22 H	Sony Ericsson Mobile Comm. DPY901236	The enhanced RS232 Cable DRS-11 connects tthe system connector of your 3V phone to the serial port of your PC. It gives you access to data, fax and modem operations via GSM and TDMA products.	37.00 0.23 0.1	22.80 22.64 22.50

sson Data Cables

467171

498175

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
71 H	Sony Ericsson Mobile Comm. DPY901263 1 Year	Send messages faster with the Chatboard, the attachable keyboard for your mobile phone. Just snap on the pocket-sized accessory to the base of your phone, and you're ready to begin typing. It's the perfect way to send messages quickly and quietly. Not compatible with A1228 series.	28.00 0.3 0.14	18.89 18.75 18.64
75 H	Sony Ericsson Mobile Comm. DPY901240 One Year	The USB Cable DCU-10 is an ideal link between your mobile phone and PC. The user friendly USB standard and the high data transfer speed, makes the USB cable a perfect tool for moving data between your phone and a PC, for example when synchronizing your phone book and calendar. If your phone has a built-in modem, you can use the cable to connect to the Internet via your mobile phone, making Web and e-mail access possible from virtually any location. The USB cable also features a charger port, that lets you charge the phone while the cable is in use, ensuring that you do not run out of power. Includes CD	43.00 0.5 0.23	26.38 26.18 26.02

Compatible Phone Models:

Ericsson T68

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

Ericsson Portable Phone Batteries

487347

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 487347 1 EACH	Sony Ericsson Mobile Comm. DPY901327 1 Year	The Standard Battery BST-14 is a lightweight 700 mAh Lithium Polymer battery for your T68 mobile phone. It provides extensive talk and standby times. Available in White. 700 mAH Lithium Polymer	54.00 0.25 0.11	36.87 36.60 36.38

Vehicle Power Adapters [275-10]

Wireless Solutions Vehicle Power Adapter

467069

Wireless Solutions Vehicle adapters are a great value, and high quality. Quality tested cable returns to original shape after multiple stretches. Attractive retail packaging.

- Variable rate charging for safety & convenience (no overcharging)
- Enough current to make a call with a discharged battery
- Attractive retail packaging that promotes self selection and consumer education
- Available with revolutionary merchandising system that drives multiple and repeat purchase to improve overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 467069 1 EACH	Wireless Solutions 464178U Lifetime	Vehicle Power Adapter. Retail Packaged.	23.00 0.3 0.14	7.24 5.91 4.60

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Ericsson T68

Face Plates [311-10]

FPF Fun Friends

Fun Friends are leading the way with adorable characters that give new attitude to these otherwise dull products. Fun Friends are a perfect match for all who enjoy plush characters ranging from Funky the Monkey to Tadpole our Lime Green Frog.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **417318** 1 EACH	funphonefriend.com A-05 30 days	Fun Friends phone cover. Tapole Frog	15.00 0.32 0.15	6.50 5.75 5.21
NEW **425345** 1 EACH	funphonefriend.com A-01 30days	FunFriends phone cover. Bully-Bulldog	15.00 0.32 0.15	6.50 5.75 5.21
NEW **440370** 1 EACH	funphonefriend.com A-22 30 days	Fun Friends Funky- Monkey	15.00 0.32 0.15	6.50 5.75 5.21
NEW **454305** 1 EACH	funphonefriend.com A-19 30 days	FunFriends phone cover. ALI- Aligator	15.00 0.32 0.15	6.50 5.75 5.21
NEW **474325** 1 EACH	funphonefriend.com A-27 30 days	Fun Friends phone cover. Santa	15.00 0.32 0.15	6.50 5.75 5.21
NEW **481374** 1 EACH	funphonefriend.com A-15 30 days	Fun Friends phone covers. Dangles- Dog Hanging Legs	15.00 0.32 0.15	6.50 5.75 5.21
NEW **482389** 1 EACH	funphonefriend.com A-24 30 days	Fun Friends phone covers. Munchie- Manatee	15.00 0.32 0.15	6.50 5.75 5.21
NEW **486359** 1 EACH	funphonefriend.com A-10 30 days	Fun Friends phone covers. Kit Kat- Cat	15.00 0.32 0.15	6.50 5.75 5.21
NEW **488341** 1 EACH	funphonefriend.com A-7 30 days	Fun Friends phone cover. Larry -Lobster	15.00 0.32 0.15	6.50 5.75 5.21
NEW **490397** 1 EACH	funphonefriend.com A-21 30 days	Fun Friends phone covers. Cheeser- Mouse	15.00 0.32 0.15	6.50 5.75 5.21
NEW **491340** 1 EACH	funphonefriend.com A-09 30 days	Fun Friends phone covers. Oinky- Pig	15.00 0.32 0.15	6.50 5.75 5.21
NEW **499325** 1 EACH	funphonefriend.com A-20 30 days	Fun Friends phone covers. Moo Moo- Cow	15.00 0.32 0.15	6.50 5.75 5.21

Chargers, Desk Top, Travel [305-60]

Ericsson Desktop Charger

473167

Original accessories... "from the people that made your phone(TM)." OEMs desi and manufacture accessories to match the specific requirements of their phones, isfying the most demanding customer. You can trust the high quality and performance of original accessories.

- MultiCharger recharges the battery on the phone and a spare battery at the same time. Conditioning feat lets you charge and discharge the battery in the rear position with the push of a button.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
473167 1 EACH	Sony Ericsson Mobile Comm. DPY901260 1 Year	A flexible, elegant holder for your Ericsson mobile phone. Keeps your phone's display in view so you won't miss a call. Full system connector offers versatility for connecting a charger, handsfree or Bluetooth adapter. Requires CTR-10 or CTR-11 travel charger for power source (sold separately).	12.00 0.2 0.09	6.1 6.0 6.0

Ericsson Travel Chargers

423355

Original accessories... "from the people that made your phone(TM)." OEM design and manufacture accessories to match the specific requirements of t phones, satisfying the most demanding customer. You can trust the high qua and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW **423355** 1 EACH	Sony Ericsson Mobile Comm. NTK102031 1 Year	A standard charger for all of our 3-volt products with system connector. The charger consists of an AC/DC unit including a wall plug, a DC cable and a DC power connector.	15.05 0.3 0.14	12. 12. 12.

Cases for Portable Cellular Phones [310-10]

Ericsson OEM Phone Cases

432026

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying t most demanding customer. You can trust the high quality an performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
432026 1 EACH	Sony Ericsson Mobile Comm. KRY1041297/1 1 Year	Made of soft leather with distinctive stitching. Cradles your phone in velvet. Clips to your belt for easy access. Black	13.00 0.25 0.11	6.5 6.5 6.5

Ericsson (OEM) Wireless Phone Holsters

437150

Original accessories... "from the people that made your phone(TM)." O design and manufacture accessories to match the specific requirements their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW **437150** 1 EACH	Sony Ericsson Mobile Comm. DPY901282 1 Year	Attach it to the belt or carry it using a wrist strap. Lightweight and form-fitted. Open-faced design with outwarding-facing antenna for improved performance. Black	17.00 0.2 0.09	11. 11. 11.

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eless Solutions Cases

quality leather
n stitching
er covered rust resistant spring clip

- Mylar plastic that will not yellow or crack
- Environmentally tested to ensure durability
- Attractive retail packaging that promotes self selectionand consumer education

No. om	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 37 CH	Wireless Solutions 410343U Lifetime	Leather case with built-in swivel and belt clip. Retail packaged. Black	11.60 0.4 0.18	7.50 6.87 6.30

eless Solutions Phone Holsters

451317
e Holster can ratchet 180 degrees.
e sits firmly in place inside of holster.

- Holster is manufactured with high-impact plastic.

No. om	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 17 CH	Wireless Solutions 423322U 1 Year	Ratcheting Phone Holster Black	7.75 0.3 0.14	5.51 4.66 3.60

e Ize Holsters

The Stand-Up Phone Holster provides the ultimate in protection and usability for your phone. Durable Ballistic nylon protects from moisture and scratches, and a secure holstering mechanism ensures your phone will never leave your belt unintentionally

able in three sizes: small, medium and large.
ic sides expand to accomodate various phones
ple pockets hold accessories

able metal frame stands, hangs or attaches to
ter and provides a hands-free workstation

- Security snap attaches securely to belt
- Open-ended design for CLA's, headset or other phone accessories

No. om	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 94 CH	Nite Ize SUSP-07-01 2 Years	Small holster. Phone must fit into 4 1/4L" x 3 1/8W" x 1 1/4D" pocket.	28.25 0.15 0.07	14.68 14.34 14.11

e Ize Protective Case

Boxit mobile phone case provides the ultimate protection for any environment.

75 424372 467363 482355

ed polyurethane front and polycarbonate back
ects phone from moisture, dirt, dust, and shock.
s too!

des two different lids to accomodate nearly
y phone. Antenna extensions and plugs are
ded for nearly every style antenna.

- Hear and talk through flexible transparent face while a special waterproof Gore audio membrane enhances audibility and guarantees effective sound transmission
- Operates from -40F to +140F. Approved to IP45 and IP65

ing product table (1 of 2)

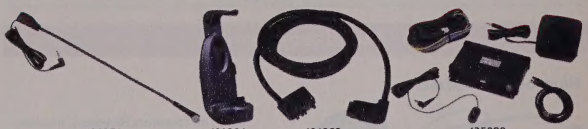
No. om	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 375 CH	Nite Ize NBX-07-01 2 years	BOXIT universal phone case. Onyx color	46.20 0.15 0.07	24.01 23.47 23.09

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 424372 1 EACH	Nite Ize NBX-07-04 2 years	BOXIT universal phone case. Crystal color.	46.20 0.15 0.07	24.01 23.47 23.09
NEW 467363 1 EACH	Nite Ize NBX-07-28 2 years	BOXIT universal phone case. Citron color.	46.20 0.15 0.07	24.01 23.47 23.09
NEW 482355 1 EACH	Nite Ize NBX-07-03 2 years	BOXIT universal phone case. Aqua color.	46.20 0.15 0.07	24.01 23.47 23.09

Hands Free Kits, Mics, Headsets [262-09]

Ericsson HCA-10 Advanced Handsfree Kit



421351 481396 486382 435090

444003 449156

ERICSSON Advanced handsfree Kit for the Ericsson T28. Features stylish design, voice-dialing, adjustable holder, full duplex mic, automatic acoustic tuning and full connectivity.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 421351 1 EACH	Sony Ericsson Mobile Comm. RLC509401/02 1 Year	A microphone on a flexible gooseneck that makes it easy to access and further enhance sound quality.	25.00 1 0.45	15.98 15.86 15.77
NEW 481396 1 EACH	Sony Ericsson Mobile Comm. DPY901323 1 Year	Car Holder that is easy to adjust to different phone models. A basic handsfree solution that keeps the phone firmly attached and close at hand for increased traffic safety. Can be connected to Advanced Car Handsfree with use of the system cable HCC-30. Quick and easy installation.	23.00 0.28 0.13	14.67 14.56 14.48
NEW 486382 1 EACH	Sony Ericsson Mobile Comm. DPY901328 1 Year	This cable is required to attach the Advanced Car Handsfree HCA-20 with the Car Holder HCH-30. Should be installed by a qualified professional.	18.00 1 0.45	11.15 11.06 11.00
435090 1 EACH	Sony Ericsson Mobile Comm. DPY901222 1 Year	Handsfree Kit engineered for superior sound quality. Reduces engine and road noise up to 75% when on a call. Also, supports voice control features, and Simple Music Mute silences the car radio when you receive a call. Professional installation required. There are two options for installation of the HCA 20. One uses a phone specific cradle and another uses a generic cradle. The generic cradle allows different phones to use the car kit without changing anything in the car. Using the phone specific cradle, the following products/accessories must be purchased to use the HCA-20. Car Holder: HCH-21 (T28, T39), HCH-27 (A2218z, A2228z, R300), HCH-22 (R380, R520m), HCH-29 (T60, T61), HCH-28 (T68). System Cables: HCC-11 (T28, T39, R380, R520), HCC-12 (A2218z, A2228z, R300), HCC-20 (T60, T61, T68). As an alternate set up, the following phones can use the generic car holder (HCH 30) with the generic system cable (HCC 30) in conjunction with the HCA-20: A2218z, T28, T39, T68, R300 and R380.	130.80 2.55 1.16	87.37 86.71 86.19
444003 1 EACH	Sony Ericsson Mobile Comm. DPY901047 1 Year	The External Handset HCE-10 lets you have private calls in your car without removing your phone from its holder. Requires the Advanced Vehicle Handsfree HCA-20 that is sold separately.	135.20 0.8 0.36	90.29 89.62 89.07
NEW 449156 1 EACH	Sony Ericsson Mobile Comm. DPY901279 1 Year	Car Holder HCH-28 is a passive cradle in dark gray plastic. By placing the phone snugly into the form-fitted hollow, the phoneøs system connector is automatically fit over a connector extension. Accessories can then be attached to the phone via the holderøs base, letting you connect a PHF or CLA, for example.	23.70 0.24 0.11	15.82 15.70 15.61

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Ericsson T68

Ericsson Handsfree Car Kit Components

440121

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
440121 1 EACH	Sony Ericsson Mobile Comm. DPY901270 1 Year	System Cable HCC-20 is a cable for in-car use. It attaches the Advanced Car Handsfree HCA-20 to your Car Holder, connecting the electronics unit with your phone. Installation by an authorized professional is required.	16.55 1 0.45	11.05 10.97 10.90

Headsets [262-10]

Bluetooth Headsets

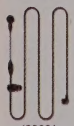
466145

425368

The Motorola Bluetooth headset provides a cordless connection to your mobile phone. Carry on handsfree conversation without the restriction of a cord.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 466145 1 EACH	Sony Ericsson Mobile Comm. DPY901280/01 1 Year	Bluetooth Handsfree	216.80 1.3 0.59	144.80 143.72 142.85
NEW 425368 1 EACH	Sony Ericsson Mobile Comm. DPY901272/02 1 Year	HBH-30, Wireless handsfree product with built-in Bluetooth technology that combines powerful performance with a streamlined appearance. Talk time is up to 4 hours. Standby time is up to 100 hours. Requires Bluetooth Adapter DBA-10 for the following phones: T20, T28, T28 World, T29, T60, T61, T62, T65, T200, R320, R310, A2228z, A2628.	177.30 0.7 0.32	118.41 117.53 116.82

Ericsson Portable Handsfree Kits



423091

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
423091 1 EACH	Sony Ericsson Mobile Comm. DPY1012297 1 Year	Keeps you talking anywhere, anytime. Stay connected safely with Ericsson's Portable Handsfree. Whether you're driving, walking or shopping, you're free to concentrate on what really matters. Answer button keeps you in control. Shirt clip includes a holder for earpiece when not in use.	23.00 0.2 0.09	9.75 9.68 9.63

Data Interfaces for Portable Phones [260-12]

Sony Ericsson RS232 Data Cables

492180

437022

ERICSSON RS232 data Cable to facilitate t connection to PC's that don't support infar communication. Convenient PC connectivit

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW 492180 1 EACH	Sony Ericsson Mobile Comm. DPY901268	The MCA-20 connects to your Ericsson phone . Link operation can be downloaded at http://wap.sonyericsonmobile.com. Uses a display viewfinder, resolution up to 640X480 pixels. Stores 14 - 208 pictures depending on choice of resolution.	189.80 0.25 0.11	126 125 125
NEW 437022 1 EACH	Sony Ericsson Mobile Comm. DPY901236	The enhanced RS232 Cable DRS-11 connects tthe system connector of your 3V phone to the serial port of your PC. It gives you access to data, fax and modem operations via GSM and TDMA products.	37.00 0.23 0.1	22 22 22

Cameras

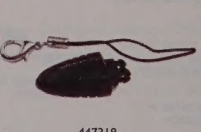
432347

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of th phones, satisfying the most demanding customer. You can trust the high quali and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW 432347 1 EACH	Sony Ericsson Mobile Comm. DPY901334 1 year	Snap on camera that allows pictures to be taken and saved/ shared. Offers a standard optical view finder and phone display view for cutting edge sensation. Effects such as stylish frames, falling bubbles, and others can be added. Pictures can be sent via E-mail or MMS.	179.00 0.3 0.14	113 112 112

Light

433375



447318

Original accessories... "from the people that made your phone(Ti OEMs design and manufacture accessories to match the specif requirements of their phones, sa fying the most demanding custo You can trust the high quality ar performance of original accesso

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW 433375 1 EACH	Sony Ericsson Mobile Comm. NTK102023	A laser pointer to impress your audience. Giving a presentation, you can use this tiny accessory to point to elements on a large screen.	12.00 0.12 0.05	8.3 8.2 8.2
NEW 447318 1 EACH	Sony Ericsson Mobile Comm. NTK102022	This tiny snap-on accessory gives off a strong blue light when attached to your Sony Ericsson mobile phone. Use it in complete darkness, and you will be surprised at its strength. To make sure you have it with you at all times, hang it on a key ring or phone bag.	7.00 0.1 0.05	4.1 4.1 4.1

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csson Data Cables

498175

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
175 CH	Sony Ericsson Mobile Comm. DPY901240 One Year	The USB Cable DCU-10 is an ideal link between your mobile phone and PC. The user friendly USB standard and the high data transfer speed, makes the USB cable a perfect tool for moving data between your phone and a PC, for example when synchronizing your phone book and calendar. If your phone has a built-in modem, you can use the cable to connect to the Internet via your mobile phone, making Web and e-mail access possible from virtually any location. The USB cable also features a charger port, that lets you charge the phone while the cable is in use, ensuring that you do not run out of power. Includes CD	43.00 0.5 0.23	26.38 26.18 26.02

Digital Organizers [260-30]

csson Chatboard

453012

The Chatboard is a 49 key, snap-on keyboard that allows you to send e-mail, access SMS and the WWW, send attachments and access your phonebook. Your documents and attachments are stored in your personal homepage on the Chatboard Community Website, www.Ericsson.com/Chatboard. Just press the SMS or e-mail button on the keyboard and start typing. The Chatboard works with Ericsson T18z phone and the I 888 World phone. The Chatboard weighs less than 2 ounces. Retail Packaged.

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
012 CH	Sony Ericsson Mobile Comm. I/NTK10246 I Year	Send an important message to anyone in an instant using the Chatboard, an attachable keyboard for your mobile phone. Snap on the pocket sized accessory to the base of your phone, and you're ready to begin.	11.00 0.2 0.09	7.48 7.43 7.38

Mounting Plates, Cradles, Holders [150-40]

iMount

28327

The UltiMount by Pro.Fit International secures any phone or car kit in any vehicle. It swivels, rotates and adjusts to virtually any position and installs in seconds with 3M acrylic foam tape. No tools are needed. Great for cars, trucks, RV's or boats. Designed for cell phones, two- way radios, handheld GPS units and PDA's. The complete system includes a swivel belt clip, Nokia button, round and oblong buttons and surface preparation supplies. Will also work with a case with a built-in belt clip. Premium trifold clam-shell package with a color insert card and complete instructions for installing and removing.

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
327 CH	Pro.Fit International UL747 Lifetime	UltiMount	24.95 0.5 0.23	15.00 13.98 13.95

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Kyocera Accessory Quick Pick

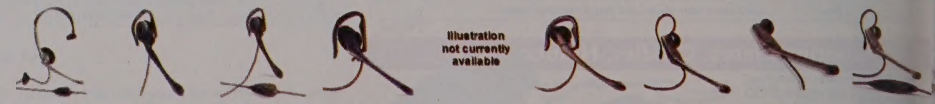
Kyocera 1135

Standard Battery, 900mah, Lilo	Battery, 600mah, Lilo	QUM Vehicle Power Adapter	Vehicle Power Adapter	FPF Tapole Frog	FPF Bully-Bulldog	FPF Funky Monkey	FPF Floppy Reg-Brown Dog	FPF ALI-Alligat
Qualcomm/Kyocera	Wireless Solutions	Qualcomm/Kyocera	Wireless Solutions	funphonefriend.com	funphonefriend.com	funphonefriend.com	funphonefriend.com	funphonefriend.cor
TXBAT00811	419075U	TXCLA10004	475094U	A-05	A-01	A-22	A-3	A-19
SKU 445064	SKU 441036	SKU 437325	SKU 473080	SKU 417318	SKU 425345	SKU 440370	SKU 441386	SKU 454305

FPF Santa	FPF Dangles- Dog Hanging Legs	FPF Munchie-Manatee	FPF Kit Kat- Cat	FPF Larry-Lobster	FPF Cheeser Mouse	FPF Oinky Pig	FPF Moo MOO - Cow	Dual Port Desk T Charger
funphonefriend.com	funphonefriend.com	funphonefriend.com	funphonefriend.com	funphonefriend.com	funphonefriend.com	funphonefriend.com	funphonefriend.com	Qualcomm/Kyocer
A-27	A-15	A-24	A-10	A-7	A-21	A-09	A-20	TXDTC00011
SKU 474325	SKU 481374	SKU 482389	SKU 486359	SKU 488341	SKU 490397	SKU 491340	SKU 499325	SKU 438163

Rapid Travel Charger	A/C Adapter	Travel Charger	Open-face Leather Case	Case-w-Clip,QCP2235 (O)	Phone Holster	Phone Holster, Medium	Boxit Phone Case, Onyx	Boxit Phone Cas Crystal
Qualcomm/Kyocera	Qualcomm/Kyocera	Wireless Solutions	Qualcomm/Kyocera	Wireless Solutions	Wireless Solutions	Nite Ize	Nite Ize	Nite Ize
TXTVL10010	TAACA0201	499043U	TXLCC10001	448110U	464193U	SUMP-07-01	NBX-07-01	NBX-07-04
SKU 434380	SKU 436186	SKU 497081	SKU 480198	SKU 497397	SKU 494343	SKU 437345	SKU 422375	SKU 424372

Boxit Phone Case, Citron	Boxit Phone Case, Aqua	Belt Clip	Universal Belt Clip	Universal Belt Clip	Portable Handsfree Kit	Freespeak Bluetooth Headset w/Adapter	Synertek Headset	Plantronics Ove The-Head Heads
Nite Ize	Nite Ize	Qualcomm/Kyocera	Wireless Solutions	Wireless Solutions	Qualcomm/Kyocera	Jabra Corporation	Qualcomm/Kyocera	Plantronics
NBX-07-28	NBX-07-03	TXLCC0E01	30754	458379U	TXCKT00721	100-91030000-02	TXCKT073	M110
SKU 467363	SKU 482355	SKU 417196	SKU 30754	SKU 413338	SKU 470048	SKU 435389	SKU 484040	SKU 36909



Over-The-Head Headset,Vol	Over-The-Ear Headset	Plantronics Over-The-Ear Headset	Plantronics Over-The-Ear Headset	Over the ear headset	Over the ear headset	In-The Ear Headset	In-The Ear Headset	In-The-Ear Headset, Vol
Plantronics	Plantronics	Plantronics	Plantronics	Plantronics	Plantronics	Plantronics	Plantronics	Plantronics
M114	M120	M124	M130	M135/BLUE	M135/ESPRESSO	M140/CHARCOAL	M140/SILVER	M145
SKU 36926	SKU 36954	SKU 36981	SKU 32055	SKU 433174	SKU 497082	SKU 37000	SKU 467122	SKU 37004

Plantronics In-The-Ear Headset	Plantronics Earbud Headset	Over-Head/Ear Headset	Over-Head/Ear Headset,Vol	Bluetooth Headset	2.5mm Earwrap Headset	2.5mm Earboom Headset	2.5mm Earbud Headset
Plantronics	Plantronics	Plantronics	Plantronics	Plantronics	Wireless Solutions	Wireless Solutions	Wireless Solutions
MX100	M205	M170	M175	M1500 BLUETOOTH	466053U	484028U	438045U
SKU 410379	SKU 437114	SKU 37022	SKU 37030	SKU 467353	SKU 460165	SKU 424099	SKU 445052

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Kyocera Accessory Quick Pick

Kyocera 1155

Standard Battery, 900mah, Lilo
Qualcomm/Kyocera
TXBAT00811
SKU 445064

Illustration not currently available

QUM Vehicle Power Adapter
Qualcomm/Kyocera
TXCLA10004
SKU 437325

Vehicle Power Adapter
Wireless Solutions
475094U
SKU 473080

FPF Tapole Frog
funphonefriend.com
A-05
SKU 417318

FPF Funky Monkey
funphonefriend.com
A-22
SKU 440370

FPF Floppy Reg-Brown Dog
funphonefriend.com
A-3
SKU 441386

FPF ALI-Alligator
funphonefriend.com
A-19
SKU 454305

FPF Santa
funphonefriend.com
A-27
SKU 474325

FPF Dangles- Dog Hanging Legs
funphonefriend.com
A-15
SKU 481374

FPF Munchie-Manatee
funphonefriend.com
A-24
SKU 482389

FPF Kit Kat- Cat
funphonefriend.com
A-10
SKU 486359

FPF Larry-Lobster
funphonefriend.com
A-7
SKU 488341

FPF Cheeser Mouse
funphonefriend.com
A-21
SKU 490397

FPF Oinky Pig
funphonefriend.com
A-09
SKU 491340

FPF Moo MOO - Cow
funphonefriend.com
A-20
SKU 499325

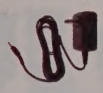
Illustration not currently available

Dual Port Desk Top Charger
Qualcomm/Kyocera
TXDTC0D011
SKU 438163

Illustration not currently available

Rapid Travel Charger
Qualcomm/Kyocera
TXTVL10010
SKU 434380

A/C Adapter
Qualcomm/Kyocera
TAACA0201
SKU 436186



Travel Charger
Wireless Solutions
499043U
SKU 497081

Open-face Leather Case
Qualcomm/Kyocera
TXLCC10001
SKU 480198

Phone Holster, Medium
Nite Ize
SUMP-07-01
SKU 437345

Boxit Phone Case, Onyx
Nite Ize
NBX-07-01
SKU 422375

Boxit Phone Case, Crystal
Nite Ize
NBX-07-04
SKU 424372

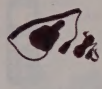
Boxit Phone Case, Citron
Nite Ize
NBX-07-28
SKU 467363

Boxit Phone Case, Aqua
Nite Ize
NBX-07-03
SKU 482355

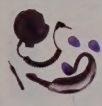
Belt Clip
Qualcomm/Kyocera
TXLCC0E01
SKU 417196

Universal Belt Clip
Wireless Solutions
30754
SKU 30754

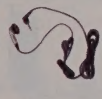
Universal Belt Clip
Wireless Solutions
458379U
SKU 413338



Portable Handsfree Kit
Qualcomm/Kyocera
TXCKT00721
SKU 470048



Freespeak Bluetooth Headset w/Adapter
Jabra Corporation
100-91030000-02
SKU 435389



Synertek Headset
Qualcomm/Kyocera
TXCKT073
SKU 484040

Plantronics Over-The-Head Headset
Plantronics
M110
SKU 36909

Over-The-Head Headset,Vol
Plantronics
M114
SKU 36926

Over-The-Ear Headset
Plantronics
M120
SKU 36954

Plantronics Over-The-Ear Headset
Plantronics
M124
SKU 36981

Plantronics Over-The-Ear Headset
Plantronics
M130
SKU 32055

Illustration not currently available

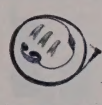
Over the ear headset
Plantronics
M135/BLUE
SKU 433174

Over the ear headset
Plantronics
M135/ESPRESSO
SKU 497082

In-The Ear Headset
Plantronics
M140/CHARCOAL
SKU 37000

In-The Ear Headset
Plantronics
M140/SILVER
SKU 467122

In-The-Ear Headset, Vol
Plantronics
M145
SKU 37004



Plantronics In-The-Ear Headset
Plantronics
MX100
SKU 410379

Plantronics Earbud Headset
Plantronics
M205
SKU 437114

Over-Head/Ear Headset
Plantronics
M170
SKU 37022

Over-Head/Ear Headset,Vol
Plantronics
M175
SKU 37030

Bluetooth Headset
Plantronics
M1500 BLUETOOTH
SKU 467353

2.5mm Earwrap Headset
Wireless Solutions
466053U
SKU 460165

2.5mm Earboom Headset
Wireless Solutions
484028U
SKU 424099

2.5mm Earbud Headset
Wireless Solutions
438045U
SKU 445052

Illustration not currently available

Starter Kit, Case and CLA
Qualcomm/Kyocera
470077/461169
SKU 472100

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Kyocera Accessory Quick Pick

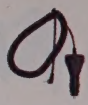
Kyocera 2135

Standard Battery, 1000mah, Lilo
Qualcomm/Kyocera
TXBAT0C02
SKU 491187

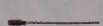
Battery, 900mah, Lilo
Wireless Solutions
482111U
SKU 452348

Illustration not currently available

QUM Vehicle Power Adapter
Qualcomm/Kyocera
TXCLA10004
SKU 437325



Vehicle Power Adapter
Wireless Solutions
475094U
SKU 473080



ANTENNA
Kyocera Serv Parts Non ESD
TMSRP0C02
SKU 433363

KEYMAT
Kyocera Serv Parts Non ESD
TMSRPOC12
SKU 416349

Faceplate, American Flag
Qualcomm/Kyocera
TXFPL10019
SKU 479147

Faceplate
Qualcomm/Kyocera
TXFPL10027
SKU 452159

Faceplate, El Blue
Qualcomm/Ky
TXFPL0C0
SKU 4971

Faceplate, Green Glass
Qualcomm/Kyocera
TXFPL0C08
SKU 429160

Faceplate
Qualcomm/Kyocera
TXFPL10001
SKU 428187

Faceplate
Qualcomm/Kyocera
TXFPL10020
SKU 437192

Faceplate
Qualcomm/Kyocera
TXFPL10002
SKU 464128

Faceplate
Qualcomm/Kyocera
TXFPL10004
SKU 493109

Faceplate, Violet Blue
Qualcomm/Kyocera
TXFPL0C06
SKU 444169

FPF Tapole Frog
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A-05
SKU 417318

FPF Bully-Bulldog
funphonefriend.com
A-01
SKU 425345

FPF Funky Mo
funphonefriend
A-22
SKU 4403

FPF Floppy Reg-Brown Dog
funphonefriend.com
A-3
SKU 441386

FPF ALI-Alligator
funphonefriend.com
A-19
SKU 454305

FPF Beary - Lavender Bear
funphonefriend.com
A-17
SKU 472388

FPF Santa
funphonefriend.com
A-27
SKU 474325

FPF Dangles- Dog Hanging Legs
funphonefriend.com
A-15
SKU 481374

FPF Munchie-Manatee
funphonefriend.com
A-24
SKU 482389

FPF Kit Kat- Cat
funphonefriend.com
A-10
SKU 486359

FPF Larry-Lobster
funphonefriend.com
A-7
SKU 488341

FPF Cheeser
funphonefriend
A-21
SKU 4903

FPF Oink Pig
funphonefriend.com
A-09
SKU 491340

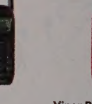
FPF Moo MOO - Cow
funphonefriend.com
A-20
SKU 499325

BLAH BLAH face plate for Kyocera 2119/35
Prime Finish
20111
SKU 487389

Metallic Blue face for Kyocera 2119/ 2135.
Prime Finish
20102
SKU 448395

Brushed Aluminum face for 2119/35
Prime Finish
20108
SKU 449333

Star Decoran face for the 2119/35
Prime Finish
20106
SKU 453390



Burl Wood face plate, 2119/35
Prime Finish
20109
SKU 458332

Viper Red faceplate for Kyocera 2119/ 35.
Prime Finish
20100
SKU 472358

GRAPHIT Kyocera 211
Prime Finis
20104
SKU 4533

METAL WALNUT, 2119/35
Prime Finish
20103
SKU 423335

METAL DELTA PEARL Kyocera 2119/35
Prime Finish
20107
SKU 467390

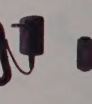
PLUM CRAZY, Kyocera 2119/35.
Prime Finish
20105
SKU 471396

YADA, Kyocera 2119/35
Prime Finish
20110
SKU 432379

Dual Port Desk Top Charger
Qualcomm/Kyocera
TXDTC0C012
SKU 457156

Illustration not currently available

Rapid Travel Charger
Qualcomm/Kyocera
TXTVL10010
SKU 434380



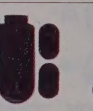
Travel Charger
Wireless Solutions
499043U
SKU 497081

Open-face Leather Case
Qualcomm/Kyocera
TXLCC0C02
SKU 478120

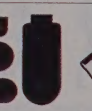
Case-w- Clip,QCP2135
Wireless Solut
486168U
SKU 4953

Phone Holster
Wireless Solutions
433154U
SKU 486309

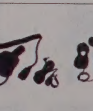
Belt Clip
Qualcomm/Kyocera
TXLCC0C01
SKU 490199



Universal Belt Clip
Wireless Solutions
30754
SKU 30754

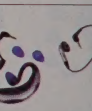


Universal Belt Clip
Wireless Solutions
458379U
SKU 413338

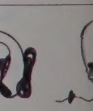


Portable Handsfree Kit
Qualcomm/Kyocera
TXCKT00721
SKU 470048

Installed Handsfree Car Kit
Qualcomm/Kyocera
TXCKT0C011
SKU 438185

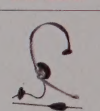


Freespeak Bluetooth Headset w/Adapter
Jabra Corporation
100-91030000-02
SKU 435389

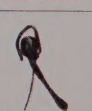


Synertek Headset
Qualcomm/Kyocera
TXCKT073
SKU 484040

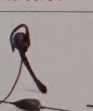
Plantronics O The-Head Hea
Plantronics
M110
SKU 3690



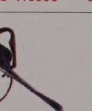
Over-The-Head Headset,Vol
Plantronics
M114
SKU 36926



Over-The-Ear Headset
Plantronics
M120
SKU 36954



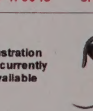
Plantronics Over-The-Ear Headset
Plantronics
M124
SKU 36981



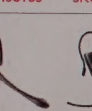
Plantronics Over-The-Ear Headset
Plantronics
M130
SKU 32055

Illustration not currently available

Over the ear headset
Plantronics
M135/BLUE
SKU 433174

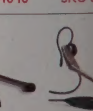


Over the ear headset
Plantronics
M135/ESPRESSO
SKU 497082



In-The Ear Headset
Plantronics
M140/CHARCOAL
SKU 37000

In-The Ear Headset
Plantronics
M140/SILVER
SKU 467122



In-The-Ear Headset, V
Plantronics
M145
SKU 3700

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Kyocera Accessory Quick Pick

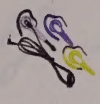
Plantronics In-The-Ear Headset
Plantronics
MX100
SKU 410379

Plantronics Earbud Headset
Plantronics
M205
SKU 437114

Over-Head/Ear Headset
Plantronics
M170
SKU 37022

Over-Head/Ear Headset,Vol
Plantronics
M175
SKU 37030

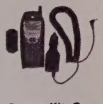
Bluetooth Headset
Plantronics
M1500 BLUETOOTH
SKU 467353



2.5mm Earwrap Headset
Wireless Solutions
466053U
SKU 460165

2.5mm Earboom Headset
Wireless Solutions
484028U
SKU 424099

2.5mm Earbud Headset
Wireless Solutions
438045U
SKU 445052



Starter Kit, Case and CLA
Qualcomm/Kyocera
470077/481145
SKU 477140

Illustration not currently available

Starter Kit
Wireless Solutions
475094U
SKU 451327

Illustration not currently available

QUM TXANT10001, 2235
Qualcomm/Kyocera
TXANT10001
SKU 495393

Data Connectivity Kit
Qualcomm/Kyocera
TXDTA10020
SKU 473084

Handsfree Kit Data Cable
Qualcomm/Kyocera
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Dual Band Mini-Mag Mount Antenna
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Antenna Cable
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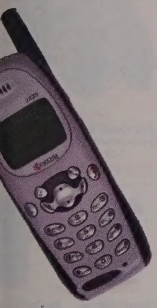

Kyocera 2235

Standard Battery, 900mah, Lilo
Qualcomm/Kyocera
TXBAT00811
SKU 445064

Battery, 600mah, Lilo
Wireless Solutions
419075U
SKU 441036

Illustration not currently available

QUM Vehicle Power Adapter
Qualcomm/Kyocera
TXCLA10004
SKU 437325

Vehicle Power Adapter
Wireless Solutions
475094U
SKU 473080

FPF Tapole Frog
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SKU 417318

FPF Bully-Bulldog
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A-01
SKU 425345

FPF Funky Monkey
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A-22
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FPF Floppy Reg-Brown Dog
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SKU 441386

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FPF Santa
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funphonefriend.com
A-10
SKU 486359

FPF Larry-Lobster
funphonefriend.com
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funphonefriend.com
A-21
SKU 490397

FPF Oinky Pig
funphonefriend.com
A-09
SKU 491340

FPF Moo MOO - Cow
funphonefriend.com
A-20
SKU 499325

Illustration not currently available

Dual Port Desk Top Charger
Qualcomm/Kyocera
TXDTC0D011
SKU 438163

Illustration not currently available

Rapid Travel Charger
Qualcomm/Kyocera
TXTVL10010
SKU 434380

A/C Adapter
Qualcomm/Kyocera
TAACA0201
SKU 436186

Travel Charger
Wireless Solutions
499043U
SKU 497081

Open-face Leather Case
Qualcomm/Kyocera
TXLCC10001
SKU 480198

Case-w-Clip,QCP2235 (O)
Wireless Solutions
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Belt Clip
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Universal Belt Clip
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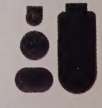

Universal Belt Clip
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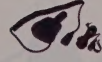

Portable Handsfree Kit
Qualcomm/Kyocera
TXCKT00721
SKU 470048

Illustration not currently available

Installed Handsfree Car Kit
Qualcomm/Kyocera
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SKU 453163

Freespeak Bluetooth Headset w/Adapter
Jabra Corporation
100-91030000-02
SKU 435389

Synertek Headset
Qualcomm/Kyocera
TXCKT073
SKU 484040

Plantronics Over-The-Head Headset
Plantronics
M110
SKU 36909

Over-The-Head Headset,Vol
Plantronics
M114
SKU 36926

Over-The-Ear Headset
Plantronics
M120
SKU 36954

Plantronics Over-The-Ear Headset
Plantronics
M124
SKU 36981

Plantronics Over-The-Ear Headset
Plantronics
M130
SKU 32055

Illustration not currently available

Over the ear headset
Plantronics
M135/BLUE
SKU 433174

Over the ear headset
Plantronics
M135/ESPRESSO
SKU 497082

In-The Ear Headset
Plantronics
M140/CHARCOAL
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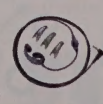

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Plantronics
MX100
SKU 410379

Plantronics Earbud Headset
Plantronics
M205
SKU 437114

Over-Head/Ear Headset
Plantronics
M170
SKU 37022

Over-Head/Ear Headset,Vol
Plantronics
M175
SKU 37030

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Kyocera Accessory Quick Pick

Kyocera 2255

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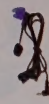
Plantronics
M1500 BLUETOOTH
SKU 467353

2.5mm Earwrap Headset
Wireless Solutions
466053U
SKU 460165



2.5mm Earboom Headset
Wireless Solutions
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SKU 424099

2.5mm Earbud Headset
Wireless Solutions
438045U
SKU 445052

Illustration not currently available

Starter Kit, Case and CLA
Qualcomm/Kyocera
470077/461169
SKU 472100

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QUM TXANT10001 K1, 2235
Qualcomm/Kyocera
TXANT10001
SKU 426306

Data Connectivity Kit
Qualcomm/Kyocera
TXDTA10020
SKU 473084

Handsfree Kit Data Cable
Qualcomm/Kyocera
TXDTA074
SKU 419170

Null Modem Adapter
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SKU 46718

Standard Battery, 900mah, Lilo
Qualcomm/Kyocera
TXBAT00811
SKU 445064

Battery, 600mah, Lilo
Wireless Solutions
419075U
SKU 441036

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QUM Vehicle Power Adapter
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TXCLA10004
SKU 437325

Vehicle Power Adapter
Wireless Solutions
475094U
SKU 473080

FPF Tapole Frog
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SKU 417318

FPF Bully-Bulldog
funphonefriend.com
A-01
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A-22
SKU 440370

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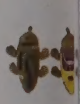
A-3
SKU 441386



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A-19
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funphonefriend.com
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SKU 491340

FPF Moo MOO Cow
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SKU 49932

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Dual Port Desk Top Charger
Qualcomm/Kyocera
TXDTC0D011
SKU 438163

Illustration not currently available

Rapid Travel Charger
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TXTVL10010
SKU 434380

A/C Adapter
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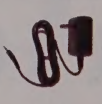
SKU 436186



Travel Charger
Wireless Solutions
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Open-face Leather Case
Qualcomm/Kyocera
TXLCC10001
SKU 480198

Case-w-Clip,QCP2235 (O)
Wireless Solutions
448110U
SKU 497397

Open-face Leather Case
Wireless Solutions
490190
SKU 477131

Phone Holster, Medium
Nite Ize
SUMP-07-01
SKU 437345

Boxit Phone Ca Onyx
Nite Ize
NBX-07-01
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Boxit Phone Case, Crystal
Nite Ize
NBX-07-04
SKU 424372

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NBX-07-28
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Boxit Phone Case, Aqua
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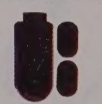

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Wireless Solutions
30754
SKU 30754

Universal Belt Clip
Wireless Solutions
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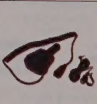
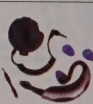
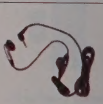


Portable Handsfree Kit
Qualcomm/Kyocera
TXCKT00721
SKU 470048



Freespeak Bluetooth Headset w/Adapter
Jabra Corporation
100-91030000-02
SKU 435389



Synertek Headset
Qualcomm/Kyocera
TXCKT073
SKU 484040

Plantronics Ove The-Head Head
Plantronics
M110
SKU 36909

Over-The-Head Headset,Vol
Plantronics
M114
SKU 36926

Over-The-Ear Headset
Plantronics
M120
SKU 36954

Plantronics Over-The-Ear Headset
Plantronics
M124
SKU 36981

Plantronics Over-The-Ear Headset
Plantronics
M130
SKU 32055

Illustration not currently available

Over the ear headset
Plantronics
M135/BLUE
SKU 433174

Over the ear headset
Plantronics
M135/ESPRESSO
SKU 497082

In-The Ear Headset
Plantronics
M140/CHARCOAL
SKU 37000

In-The Ear Headset
Plantronics
M140/SILVER
SKU 467122

In-The-Ear Headset, Vol
Plantronics
M145
SKU 37004

Plantronics In-The-Ear Headset
Plantronics
MX100
SKU 410379

Plantronics Earbud Headset
Plantronics
M205
SKU 437114

Over-Head/Ear Headset
Plantronics
M170
SKU 37022

Over-Head/Ear Headset,Vol
Plantronics
M175
SKU 37030

Bluetooth Headset
Plantronics
M1500 BLUETOOTH
SKU 467353

2.5mm Earwrap Headset
Wireless Solutions
466053U
SKU 460165

2.5mm Earboom Headset
Wireless Solutions
484028U
SKU 424099

2.5mm Earbud Headset
Wireless Solutions
438045U
SKU 445052

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470077/461169
SKU 472100

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SKU 419170

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SKU 467186

Kyocera 2325

Standard Battery, 900mah, Lilo
Qualcomm/Kyocera
TXBAT00811
SKU 445064

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TXCLA10004
SKU 437325

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Wireless Solutions
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SKU 473080

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Dual Port Desk Top Charger
Qualcomm/Kyocera
TXDTC0D011
SKU 438163

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Rapid Travel Charger
Qualcomm/Kyocera
TXTVL10010
SKU 434380

A/C Adapter
Qualcomm/Kyocera
TAACA0201
SKU 436186

Open-face Leather Case
Qualcomm/Kyocera
TXLCC10001
SKU 480198

Phone Holster, Medium
Nite Ize
SUMP-07-01
SKU 437345

Boxit Phone Case, Onyx
Nite Ize
NBX-07-01
SKU 422375

Boxit Phone Case, Crystal
Nite Ize
NBX-07-04
SKU 424372

Boxit Phone Case, Citron
Nite Ize
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Belt Clip
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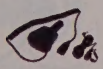

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Qualcomm/Kyocera
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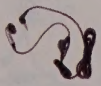

Synertek Headset
Qualcomm/Kyocera
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Illustration not currently available

QUM Replacement Ant, 2325
Qualcomm/Kyocera
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SKU 417317

Kyocera 2345

Standard Battery, 900mah, Lilo
Qualcomm/Kyocera
TXBAT00811
SKU 445064

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Qualcomm/Kyocera
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Vehicle Power Adapter
Wireless Solutions
475094U
SKU 473080

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SKU 417318

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SKU 440370

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SKU 441386

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SKU 454305

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SKU 472388

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SKU 474325

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SKU 481374

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SKU 482389

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funphonefriend.com
A-7
SKU 488341

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A-21
SKU 490397

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A-09
SKU 491340

FPF Moo MOO - Cow
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Dual Port Desk Top Charger
Qualcomm/Kyocera
TXDTC0D011
SKU 438163

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Kyocera Accessory Quick Pick

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Rapid Travel Charger
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SKU 436186

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Qualcomm/Kyocera
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Phone Holster, Medium
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SUMP-07-01
SKU 437345

Boxit Phone Case, Onyx
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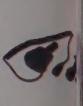
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Qualcomm/Kyocera
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Qualcomm/Kyocera
TXDTA10020
SKU 473084

Kyocera 5135

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Standard Lilo Batt, 5135
Qualcomm/Kyocera
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SKU 443356

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Qualcomm/Kyocera
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A-25
SKU 427352

FPF Santa
funphonefriend.com
A-27
SKU 474325

FPF Floppy Flip-Golden Dog
funphonefriend.com
A-4
SKU 498359

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Rapid Travel Charger
Qualcomm/Kyocera
TXTVL10010
SKU 434380

Illustration not currently available
Travel Charger, 5135, Retail box
Qualcomm/Kyocera
TXTVL10009
SKU 435325

Illustration not currently available
Standard Travel Charger
Wireless Solutions
TWALL5135
SKU 437306

Illustration not currently available
Standard Travel Charger
Wireless Solutions
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SKU 479317

Illustration not currently available
Holster for 5135, Retail box
Qualcomm/Kyocera
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SKU 495333

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SKU 498364

Phone Holster, Medium
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SKU 437345

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NBX-07-01
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Boxit Phone Case, Crystal
Nite Ize
NBX-07-04
SKU 424372

Boxit Phone Case, Citron
Nite Ize
NBX-07-28
SKU 467363

Boxit Phone Case, Aqua
Nite Ize
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SKU 482355

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Wireless Solutions
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SKU 30754

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Portable HF kit 5135
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TXCKT10006
SKU 458341

Freespeak Bluetooth Headset w/Adapter
Jabra Corporation
100-91030000-02
SKU 435389

Synertek Headset
Qualcomm/Kyocera
TXCKT073
SKU 484040

Plantronics Over-The-Head Headset
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SKU 36909

Over-The-Head Headset,Vol
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Over-The-Ear Headset
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Plantronics Over-The-Ear Headset
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Illustration not currently available
Over the ear headset
Plantronics
M135/BLUE
SKU 433174

Over the ear headset
Plantronics
M135/ESPRESSO
SKU 497082

In-The Ear Headset
Plantronics
M140/CHARCOAL
SKU 37000

In-The Ear Headset
Plantronics
M140/SILVER
SKU 467122

In-The-Ear Headset, Vol
Plantronics
M145
SKU 37004

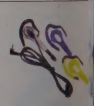
Plantronics In-The-Ear Headset
Plantronics
MX100
SKU 410379

Plantronics Earbud Headset
Plantronics
M205
SKU 437114

Over-Head/Ear Headset
Plantronics
M170
SKU 37022

Over-Head/Ear Headset,Vol
Plantronics
M175
SKU 37030

Bluetooth Headset
Plantronics
M1500 BLUETOOTH
SKU 467353


2.5mm Earwrap Headset
Wireless Solutions
466053U
SKU 460165

2.5mm Earboom Headset
Wireless Solutions
484028U
SKU 424099

Illustration not currently available
Starter Kit, Case and CLA
Qualcomm/Kyocera
416356/485362
SKU 465318

Illustration not currently available
QUM TXANT10003, 5135
Qualcomm/Kyocera
TXANT10003
SKU 495308

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Kyocera Accessory Quick Pick

Kyocera 6035 SmartPhone

Standard Battery, 1000mah, Lilo
Qualcomm/Kyocera
TXBAT00911
SKU 430040

Battery, 1400mah, Lilo
Wireless Solutions
473187U
SKU 415127

Vehicle Power Adapter
Qualcomm/Kyocera
TXCLA00911
SKU 450024

Vehicle Power Adapter
Wireless Solutions
435011U
SKU 453033

Dual Port Desk Top Charger
Qualcomm/Kyocera
TXDTC00911
SKU 444010

Travel Charger
Qualcomm/Kyocera
TXTVL00911
SKU 77032

Illustration not currently available

Travel Charger
Wireless Solutions
479006U
SKU 447052

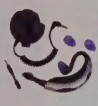
Open-face Leather Case
Qualcomm/Kyocera
TXLCC0094
SKU 412170

Leather Case with built-in swivel and Belt Clip
Wireless Solutions
430045U
SKU 494027

Universal Belt Clip
Wireless Solutions
30754
SKU 30754

Universal Belt Clip
Wireless Solutions
458379U
SKU 413338

Portable Handsfree Kit
Qualcomm/Kyocera
TXCKT00721
SKU 470048



Freespeak Bluetooth Headset w/Adapter
Jabra Corporation
100-91030000-02
SKU 435389

Handsfree Earset
Jabra Corporation
ES2.5MM302
SKU 65303

EarBoom Headset, 2.5mm
Jabra Corporation
EM2.5MM302
SKU 413032

EarBud Headset, 2.5mm
Jabra Corporation
EB2.5MM302
SKU 481060

EarWrap, with 2.5mm jack
Jabra Corporation
EW2.5MM402
SKU 411070

Synertek Headset
Qualcomm/Kyocera
TXCKT073
SKU 484040

Plantronics Over-The-Head Headset
Plantronics
M110
SKU 36909

Over-The-Head Headset,Vol
Plantronics
M114
SKU 36926

Over-The-Ear Headset
Plantronics
M120
SKU 36954

Plantronics Over-The-Ear Headset
Plantronics
M124
SKU 36981

Plantronics Over-The-Ear Headset
Plantronics
M130
SKU 32055

Illustration not currently available

Over the ear headset
Plantronics
M135/BLUE
SKU 433174

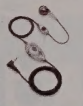
Over the ear headset
Plantronics
M135/ESPRESSO
SKU 497082

In-The Ear Headset
Plantronics
M140/CHARCOAL
SKU 37000

In-The Ear Headset
Plantronics
M140/SILVER
SKU 467122

In-The-Ear Headset, Vol
Plantronics
M145
SKU 37004

Plantronics In-The-Ear Headset
Plantronics
MX100
SKU 410379

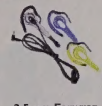


Plantronics Earbud Headset
Plantronics
M205
SKU 437114

Over-Head/Ear Headset
Plantronics
M170
SKU 37022

Over-Head/Ear Headset,Vol
Plantronics
M175
SKU 37030

Bluetooth Headset
Plantronics
M1500 BLUETOOTH
SKU 467353



2.5mm Earwrap Headset
Wireless Solutions
466053U
SKU 460165

2.5mm Earboom Headset
Wireless Solutions
484028U
SKU 424099

2.5mm Earbud Headset
Wireless Solutions
438045U
SKU 445052

Starter Kit with Leather Case and VPA
Wireless Solutions
435011U
SKU 472103

Illustration not currently available

QUM TXANT00901, 6035
Qualcomm/Kyocera
TXANT00901
SKU 423381

Illustration not currently available

Data Connectivity Kit
Qualcomm/Kyocera
TXDTA10035
SKU 455368

Illustration not currently available

Data Connectivity Kit
Qualcomm/Kyocera
TXDTA10036
SKU 482361

Kyocera 7135

NOKIA TXBAT10002 Std batt
Qualcomm/Kyocera
TXBAT10002
SKU 416390

Illustration not currently available

QUM TXDTC10009,dual chrg
Qualcomm/Kyocera
TXDTC10009
SKU 497386

Illustration not currently available

QUM TXDTC10030 Holster
Qualcomm/Kyocera
TXDTC10030
SKU 499355

Illustration not currently available

Rapid Travel Charger
Qualcomm/Kyocera
TXTVL10010
SKU 434380

Illustration not currently available

QUM TXLCC10009 Pouch
Qualcomm/Kyocera
TXLCC10009
SKU 441393

Phone Holster, Medium
Nite Ize
SUMP-07-01
SKU 437345

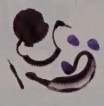
Boxit Phone Case, Onyx
Nite Ize
NBX-07-01
SKU 422375

Boxit Phone Case, Crystal
Nite Ize
NBX-07-04
SKU 424372

Boxit Phone Case, Citron
Nite Ize
NBX-07-28
SKU 467363

Boxit Phone Case, Aqua
Nite Ize
NBX-07-03
SKU 482355

Universal Belt Clip
Wireless Solutions
30754
SKU 30754

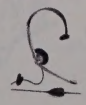


Freespeak Bluetooth Headset w/Adapter
Jabra Corporation
100-91030000-02
SKU 435389

Illustration not currently available

QUM TXCKT10018 Stereo headset
Qualcomm/Kyocera
TXCKT10018
SKU 422372

Plantronics Over-The-Head Headset
Plantronics
M110
SKU 36909



Over-The-Head Headset,Vol
Plantronics
M114
SKU 36926

Over-The-Ear Headset
Plantronics
M120
SKU 36954

Plantronics Over-The-Ear Headset
Plantronics
M124
SKU 36981

Plantronics Over-The-Ear Headset
Plantronics
M130
SKU 32055

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Kyocera Accessory Quick Pick

Kyocera QCP3035

Illustration not currently available	Over the ear headset, Plantronics, M135/BLUE, SKU 433174	Over the ear headset, Plantronics, M135/ESPRESSO, SKU 497082	In-The Ear Headset, Plantronics, M140/CHARCOAL, SKU 37000	In-The Ear Headset, Plantronics, M140/SILVER, SKU 467122	In-The-Ear Headset, Vol, Plantronics, M145, SKU 37004	Plantronics In-The-Ear Headset, Plantronics, MX100, SKU 410379	Plantronics Earbud Headset, Plantronics, M205, SKU 437114	Over-Head/Ear Headset, Plantronics, M170, SKU 37022	Over-Head/ Headset,V Plantronic M175 SKU 370
Bluetooth Headset, Plantronics, M1500 BLUETOOTH, SKU 467353	Illustration not currently available	QUM TXDTA10011, USB cable, Qualcomm/Kyocera, TXDTA10011, SKU 433383	Illustration not currently available	Data Connectivity Kit, Qualcomm/Kyocera, TXDTA10035, SKU 455368	Illustration not currently available	Data Connectivity Kit, Qualcomm/Kyocera, TXDTA10036, SKU 482361	Illustration not currently available	QUM TXHDW10007, Stylus, Qualcomm/Kyocera, TXHDW10007, SKU 458389	QUM TXDTA10018,Data cable, Qualcomm/Kyocera, TXDTA10018, SKU 446346
Extended Battery, 1400mah, Lilo, Qualcomm/Kyocera, TXBAT00A11, SKU 459023	Standard Battery, 900mah, Lilo, Qualcomm/Kyocera, TXBAT00A21, SKU 485057	Battery, 1400mah, Lilo, Wireless Solutions, 475056U, SKU 453154	Vehicle Power Adapter, Qualcomm/Kyocera, TXCLA00911, SKU 450024	Vehicle Power Adapter, Wireless Solutions, 43501IU, SKU 453033	Dual Port Desk Top Charger, Qualcomm/Kyocera, TXDTC00A11, SKU 77009	Dual Port Desk Top Charger, Qualcomm/Kyocera, TXDTC0D011, SKU 438163	Illustration not currently available	Travel Charger, Qualcomm/Kyocera, TXTVL00911, SKU 77032	Illustratio not curren availabl Travel Char Wireless Solut 479006U SKU 4470
Open-face Leather Case, Qualcomm/Kyocera, TXLCC00A21, SKU 456050	Leather Case with built-in swivel and Belt Clip, Wireless Solutions, 471025U, SKU 466042	Belt Clip, QCP3035, Qualcomm/Kyocera, TXLCC00A12, SKU 422063	Universal Belt Clip, Wireless Solutions, 30754, SKU 30754	Universal Belt Clip, Wireless Solutions, 458379U, SKU 413338	Portable Handsfree Kit, Qualcomm/Kyocera, TXCKT00721, SKU 470048	Installed Handsfree Car Kit, Qualcomm/Kyocera, TXCKT00A11, SKU 77021	Freespeak Bluetooth Headset w/Adapter, Jabra Corporation, 100-91030000-02, SKU 435389	Handsfree Ea Jabra Corpora ES2.5MM30 SKU 653
EarBoom Headset, 2.5mm, Jabra Corporation, EM2.5MM302, SKU 413032	EarBud Headset, 2.5mm, Jabra Corporation, EB2.5MM302, SKU 481060	EarWrap, with 2.5mm jack, Jabra Corporation, EW2.5MM402, SKU 411070	Synertek Headset, Qualcomm/Kyocera, TXCKT073, SKU 484040	Plantronics Over-The-Head Headset, Plantronics, M110, SKU 36909	Over-The-Head Headset,Vol, Plantronics, M114, SKU 36926	Over-The-Ear Headset, Plantronics, M120, SKU 36954	Plantronics Over-The-Ear Headset, Plantronics, M124, SKU 36981	Plantronics O The-Ear Hea Plantronics M130 SKU 3205
Illustration not currently available	Over the ear headset, Plantronics, M135/BLUE, SKU 433174	Over the ear headset, Plantronics, M135/ESPRESSO, SKU 497082	In-The Ear Headset, Plantronics, M140/CHARCOAL, SKU 37000	In-The Ear Headset, Plantronics, M140/SILVER, SKU 467122	In-The-Ear Headset, Vol, Plantronics, M145, SKU 37004	Plantronics In-The-Ear Headset, Plantronics, MX100, SKU 410379	Plantronics Earbud Headset, Plantronics, M205, SKU 437114	Over-Head/Ear Headset, Plantronics, M170, SKU 37022	Over-Head/E Headset,Vo Plantronics M175 SKU 3703
Bluetooth Headset, Plantronics, M1500 BLUETOOTH, SKU 467353	2.5mm Earwrap Headset, Wireless Solutions, 466053U, SKU 460165	2.5mm Earboom Headset, Wireless Solutions, 484028U, SKU 424099	2.5mm Earbud Headset, Wireless Solutions, 438045U, SKU 445052	Starter Kit, Case and CLA, Qualcomm/Kyocera, 419011/492060, SKU 495088	Starter Kit with Leather Case and VPA, Wireless Solutions, 435011U, SKU 467113	Illustration not currently available	QUM TXANT00A01 Replacement antenna, Qualcomm/Kyocera, TXANT00A01, SKU 432356	Illustration not currently available	Illustratio not current availabl Data Connect Kit Qualcomm/Kyo TXDTA1003 SKU 4823

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Compatible Phone Models:

Kyocera 1135

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

ocera OEM Batteries

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

45064

No. Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
064 CH	Qualcomm/Kyocera TXBAT00811 1 Year	Replacement Battery Black 900 mAh Lilo Up to 225 min. talk time, 132 hours standby.	40.00 0.2 0.09	29.18 28.86 28.22

reless Solutions Batteries

41036

Quality, Great Value

- Available with merchandising system that drives multiple and repeat purchases to improve overall profitability

active retail packaging that promotes self selec- and consumer education

No. Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
036 CH	Wireless Solutions 419075U Lifetime	Internal Battery Black 600 mAh Lilo 1 to 3 hours DTT/1 to 3 days DST	30.55 0.3 0.14	21.52 17.51 15.76

Vehicle Power Adapters [275-10]

ocera (OEM) Vehicle Power Adapters

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 325 CH	Qualcomm/Kyocera TXCLA10004	Kyocera vehicle power adapter.	8.00 0.2 0.09	7.36 7.13 6.91

Wireless Solutions Vehicle Power Adapter

473080

Wireless Solutions Vehicle adapters are a great value, and high quality. Quality tested cable returns to original shape after multiple stretches. Attractive retail packaging.

- Variable rate charging for safety & convenience (no overcharging)
- Enough current to make a call with a discharged battery
- Attractive retail packaging that promotes self selection and consumer education
- Available with revolutionary merchandising system that drives multiple and repeat purchase to improve overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
473080 1 EACH	Wireless Solutions 475094U Lifetime	Vehicle Power Adapter. Retail Packaged.	23.00 0.2 0.09	7.24 5.91 4.60

Face Plates [311-10]

FPF Fun Friends

417318 425345 440370

441386 454305 474325

481374 482389 486359

488341 490397 491340

499325

Fun Friends are leading the way with adorable characters that give new attitude to these otherwise dull products. Fun Friends are a perfect match for all who enjoy plush characters ranging from Funky the Monkey to Tadpole our Lime Green Frog.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **417318** 1 EACH	funphonefriend.com A-05 30 days	Fun Friends phone cover. Tapole Frog	15.00 0.32 0.15	6.50 5.75 5.21
NEW **425345** 1 EACH	funphonefriend.com A-01 30days	FunFriends phone cover. Bully-Bulldog	15.00 0.32 0.15	6.50 5.75 5.21
NEW **440370** 1 EACH	funphonefriend.com A-22 30 days	Fun Friends Funky- Monkey	15.00 0.32 0.15	6.50 5.75 5.21
NEW **441386** 1 EACH	funphonefriend.com A-3 30 days	Fun Friends phone covers. Floppy Reg	15.00 0.32 0.15	6.50 5.75 5.21
NEW **454305** 1 EACH	funphonefriend.com A-19 30 days	FunFriends phone cover. ALI- Aligator	15.00 0.32 0.15	6.50 5.75 5.21

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 474325 1 EACH	funphonefriend.com A-27 30 days	Fun Friends phone cover. Santa	15.00 0.32 0.15	6.50 5.75 5.21
NEW 481374 1 EACH	funphonefriend.com A-15 30 days	Fun Friends phone covers. Dangles- Dog Hanging Legs	15.00 0.32 0.15	6.50 5.75 5.21
NEW 482389 1 EACH	funphonefriend.com A-24 30 days	Fun Friends phone covers. Munchie- Manatee	15.00 0.32 0.15	6.50 5.75 5.21
NEW 486359 1 EACH	funphonefriend.com A-10 30 days	Fun Friends phone covers. Kit Kat- Cat	15.00 0.32 0.15	6.50 5.75 5.21
NEW 488341 1 EACH	funphonefriend.com A-7 30 days	Fun Friends phone cover. Larry -Lobster	15.00 0.32 0.15	6.50 5.75 5.21
NEW 490397 1 EACH	funphonefriend.com A-21 30 days	Fun Friends phone covers. Cheeser- Mouse	15.00 0.32 0.15	6.50 5.75 5.21
NEW 491340 1 EACH	funphonefriend.com A-09 30 days	Fun Friends phone covers. Oinky- Pig	15.00 0.32 0.15	6.50 5.75 5.21
NEW 499325 1 EACH	funphonefriend.com A-20 30 days	Fun Friends phone covers. Moo Moo- Cow	15.00 0.32 0.15	6.50 5.75 5.21

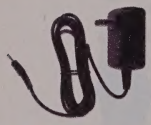
Chargers, Desk Top, Travel [305-60]

Kyocera Dualport Desktop Chargers

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 438163 1 EACH	Qualcomm/Kyocera TXDTC0D011 1 Year	Dual-port desktop charger. Includes AC adapter.	52.80 0.4 0.18	37.91 37.49 36.65

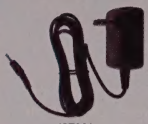
Kyocera Travel Chargers



Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 434380 1 EACH	Qualcomm/Kyocera TXTVL10010 1 Year	Rapid Travel Charger	16.00 0.2 0.09	11.95 11.82 11.57
NEW 436186 1 EACH	Qualcomm/Kyocera TAACA0201 1 Year	A/C Adapter for Desk Top Charger. Bulk packaged.	3.00 0.2 0.09	2.16 2.13 2.09

Wireless Solutions Travel Charger



497081

- Plugs into any 110 volt outlet
- Use your phone while it is charging
- Rapid Charges batteries in about 2-4 hours
- Attractive retail packaging that promotes self selection and consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
497081 1 EACH	Wireless Solutions 499043U Lifetime	Travel Charger	14.50 0.42 0.19	10.31 8.30 6.30

Cases for Portable Cellular Phones [310-10]

Kyocera OEM Leather Cases

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 480198 1 EACH	Qualcomm/Kyocera TXLCC10001 1 Year	Leather Case Black	5.60 0.35 0.16	4.49 4.44 4.35

Wireless Solutions Cases

497397

- High quality leather
- Nylon stitching
- Leather covered rust resistant spring clip
- Mylar plastic that will not yellow or crack
- Environmentally tested to ensure durability
- Attractive retail packaging that promotes self selectionand consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 497397 1 EACH	Wireless Solutions 448110U Lifetime	Leather Case with built-in swivel and belt clip. Vinyl over the LCD only. Black	11.60 0.3 0.14	7.50 6.87 6.30

Wireless Solutions Phone Holsters

494343

- Phone Holster can ratchet 180 degrees.
- Phone sits firmly in place inside of holster.
- Holster is manufactured with high-impact plastic.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 494343 1 EACH	Wireless Solutions 464193U Lifetime	Ratcheting Phone Holster Black	7.75 0.3 0.14	5.51 4.66 3.60

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Ize Holsters

The Stand-Up Phone Holster provides the ultimate in protection and usability for your phone. Durable Ballistic nylon protects from moisture and scratches, and a secure holstering mechanism ensures your phone will never leave your belt unintentionally

45

ble in three sizes: small, medium and large. sides expand to accomodate various phones le pockets hold accessories

ble metal frame stands, hangs or attaches to r and provides a hands-free workstation

- Security snap attaches securely to belt
- Open-ended design for CLA's, headset or other phone accessories

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
5	Nite Ize SUMP-07-01 2 years	Medium holster. Phone must fit into 5 1/2L" x 3 1/8"W x 1 1/4D" pocket.	28.25 0.15 0.07	14.68 14.34 14.11

Ize Protective Case

5 424372 467363 482355

Boxit mobile phone case provides the ultimate protection for any environment.

d polyurethane front and polycarbonate back ts phone from moisture, dirt, dust, and shock. too!

es two different lids to accomodate nearly phone. Antenna extensions and plugs are ed for nearly every style antenna.

- Hear and talk through flexible transparent face while a special waterproof Gore audio membrane enhances audibility and guarantees effective sound transmission
- Operates from -40F to +140F. Approved to IP45 and IP65

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
5	Nite Ize NBX-07-01 2 years	BOXIT universal phone case. Onyx color	46.20 0.15 0.07	24.01 23.47 23.09
2	Nite Ize NBX-07-04 2 years	BOXIT universal phone case. Crystal color.	46.20 0.15 0.07	24.01 23.47 23.09
3	Nite Ize NBX-07-28 2 years	BOXIT universal phone case. Citron color.	46.20 0.15 0.07	24.01 23.47 23.09
5	Nite Ize NBX-07-03 2 years	BOXIT universal phone case. Aqua color.	46.20 0.15 0.07	24.01 23.47 23.09

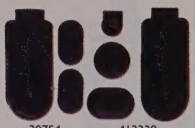
Waterproof Cases, Belt Clips [310-60]

era Belt Clips

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
6	Qualcomm/Kyocera TXLCC0E01 1 year	Belt Clip Assembly Black	3.60 0.35 0.16	3.05 3.02 2.96

Wireless Solutions Beltclips



30754 413338

Belt clips designed to conveniently snap onto the phone to securely hold it in place. Holds the phone without the need for a leather carry case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30754 1 EACH	Wireless Solutions 30754 Lifetime	Universal Belt Clip includes three different swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21
NEW 413338 1 EACH	Wireless Solutions 458379U Lifetime	Universal Belt Clip includes two swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21

Hands Free Kits, Mics, Headsets [262-09]

Kyocera Hands Free Car Kits

470048

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
470048 1 EACH	Qualcomm/Kyocera TXCKT00721 1 Year	Portable hands free car kit.	60.00 1 0.45	43.54 43.06 42.10
NEW 453163 1 EACH	Qualcomm/Kyocera TXCKT0E011 1 Year	HandsFree Car Kit with TNC antenna port	268.80 2.13 0.97	193.00 190.85 186.55

Headsets [262-10]

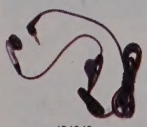
Bluetooth Headsets

435389

The Motorola Bluetooth headset provides a cordless connection to your mobile phone. Carry on handsfree conversation without the restriction of a cord.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 435389 1 EACH	Jabra Corporation 100-91030000-02 1 Year	Freespeak Bluetooth Headset with 2.5mm headset jack.	179.95 0.45 0.2	143.06 123.09 114.99

Kyocera Headsets



484040

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
484040 1 EACH	Qualcomm/Kyocera TXCKT073 1 Year	Synertek headset	7.80 0.25 0.11	6.06 6.00 5.88

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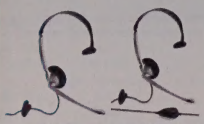
Plantronics Over-The-Head Headsets

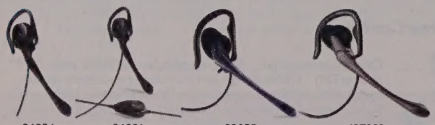


36909 36926

All Plantronics over-the-head wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36909 I EACH	Plantronics M110 I Year	Flexible headband on this over-the-head headset provides stability and comfort.	24.20 0.4 0.18	16.06 12.59 12.08
36926 I EACH	Plantronics M114 I Year	Flexible headband on this over-the-head style headset provides stability and comfort. Includes in-line volume control.	26.80 0.4 0.18	17.80 13.95 13.39

Plantronics Over-The-Ear Headsets

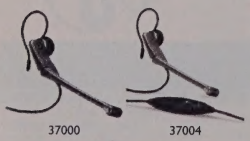


36954 36981 32055 497082

All Plantronics over-the-ear wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hard-wired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36954 I EACH	Plantronics M120 I Year	Lightweight comfort in an over-the-ear style headset.	24.20 0.25 0.11	16.06 12.59 12.08
36981 I EACH	Plantronics M124 I Year	Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80 0.24 0.11	17.80 13.95 13.39
32055 I EACH	Plantronics M130 I Year	Superior comfort and sleek design in this over-the-ear headset. Metallic-blue, blurple color.	29.50 0.22 0.1	19.59 15.36 14.73
NEW **433174** I EACH	Plantronics M135/BLUE I Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, blurple color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55
497082 I EACH	Plantronics M135/ESPRESSO I Year	Superior comfort and sleek design in this over-the-ear headset. Espresso color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55

Plantronics In-The-Ear Headsets

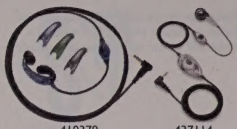


37000 37004

All Plantronics in-the-ear boom-style wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37000 I EACH	Plantronics M140/CHARCOAL I Year	Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11	24.31 19.06 18.28
NEW **467122** I EACH	Plantronics M140/SILVER I Year	Ultra-light comfort with this in-the-ear style headset. Silver color.	36.60 0.25 0.11	24.31 19.06 18.28
37004 I EACH	Plantronics M145 I Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11	28.22 22.12 21.22

Plantronics Discreet Earbud Headsets

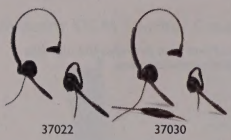


410379 437114

All Plantronics earbud headsets for wireless phones f ture Flexfit(TM) design for increased stability, RF nois shielded cable, advanced speaker technology, and a cl ing clip. Available in a standard 2.5mm plug or hardwi for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW **410379** I EACH	Plantronics MX100 I Year	Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19. 15. 14.
437114 I EACH	Plantronics M205 I Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09	19. 15. 14.

Plantronics Convertible Headsets



37022 37030

All Plantronics convertible style wireless phone heads feature a noise-canceling microphone, RF noise shielde cable, advanced speaker technology, microphone-adjus switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
37022 I EACH	Plantronics M170 I Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18	31. 24. 23.
37030 I EACH	Plantronics M175 I Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22	35. 27. 26.

Plantronics Cordless Headsets

467353

Cut the Cord(TM) with Bluetooth(TM) wireless headsets from Plantronics. Plantronics over-the-ear cordless headsets feature an adjustable noice cance microphone, volume/mute control and answer/end button. High-capacity rechargeable batteries provide up to 2.5 hours of talk time and 60 hours of standby.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW **467353** I EACH	Plantronics M1500 BLUE-TOOTH I Year	Bluetooth headset. Over-the-ear style with answer/end button and volume/mute control. Includes Bluetooth adapter, AC adapter and rechargeable battery. Bluetooth version 1.1.	250.70 0.25 0.11	166. 130. 125.

Wireless Solutions 2.5mm Earwrap

460165

The Wireless Solutions EarWrap: noise-canceling mic, sleek, lightweigh design, colorful accessories. Choose from snap-on boom covers and fl forming ear wraps in sleek tones of silver, blue and yellow.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
460165 I EACH	Wireless Solutions 466053U Lifetime	Earwrap with colored faceplates and 2.5mm connector.	27.50 0.4 0.18	16. 14. 13.

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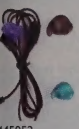
eless Solutions EarBoom Headset

Wireless Solutions In The Ear headset features a boom mic. Comfortable. Provide good mic sound as well as in the ear speaker.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
99 H	Wireless Solutions 484028U Lifetime	Earboom Headset with 2.5mm jack. Includes six eargels.	31.00 0.3 0.14	13.31 11.32 9.31

eless Solutions EarBud Headset



45052

The Wireless Soluitons EarBud is the most cost-effective, solution for mobile phone users wanting a hands-free alternative at a value price. The EarBud integrates the microphone as part of the cable leading from the ear to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
52 H	Wireless Solutions 438045U Lifetime	Earbud Headset with 2.5mm jack. Includes six eargels.	27.00 0.3 0.14	12.09 10.09 8.09

Compatible Phone Models:

Kyocera 1155

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

Kyocera OEM Batteries

445064

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH) Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
445064 1 EACH	Qualcomm/Kyocera TXBAT00811 1 Year	Replacement Battery Black 900 mAh Lilo Up to 225 min. talk time, 132 hours standby.	40.00 0.2 0.09	29.18 28.86 28.22

Vehicle Power Adapters [275-10]

Kyocera (OEM) Vehicle Power Adapters

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **437325** 1 EACH	Qualcomm/Kyocera TXCLA10004	Kyocera vehicle power adapter.	8.00 0.2 0.09	7.36 7.13 6.91

Wireless Solutions Vehicle Power Adapter

473080

Wireless Solutions Vehicle adapters are a great value, and high quality. Quality tested cable returns to original shape after multiple stretches. Attractive retail packaging.

- Variable rate charging for safety & convenience (no overcharging)
- Enough current to make a call with a discharged battery
- Attractive retail packaging that promotes self selection and consumer education
- Available with revolutionary merchandising system that drives multiple and repeat purchase to improve overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
473080 1 EACH	Wireless Solutions 475094U Lifetime	Vehicle Power Adapter. Retail Packaged.	23.00 0.2 0.09	7.24 5.91 4.60

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Face Plates [311-10]

FPF Fun Friends

Fun Friends are leading the way with adorable characters that give new attitude to these otherwise dull products. Fun Friends are a perfect match for all who enjoy plush characters ranging from Funky the Monkey to Tadpole our Lime Green Frog.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 417318 1 EACH	funphonefriend.com A-05 30 days	Fun Friends phone cover. Tapole Frog	15.00 0.32 0.15	6.50 5.75 5.21
NEW 440370 1 EACH	funphonefriend.com A-22 30 days	Fun Friends Funky- Monkey	15.00 0.32 0.15	6.50 5.75 5.21
NEW 441386 1 EACH	funphonefriend.com A-3 30 days	Fun Friends phone covers. Floppy Reg	15.00 0.32 0.15	6.50 5.75 5.21
NEW 454305 1 EACH	funphonefriend.com A-19 30 days	FunFriends phone cover. ALI- Aligator	15.00 0.32 0.15	6.50 5.75 5.21
NEW 474325 1 EACH	funphonefriend.com A-27 30 days	Fun Friends phone cover. Santa	15.00 0.32 0.15	6.50 5.75 5.21
NEW 481374 1 EACH	funphonefriend.com A-15 30 days	Fun Friends phone covers. Dangles- Dog Hanging Legs	15.00 0.32 0.15	6.50 5.75 5.21
NEW 482389 1 EACH	funphonefriend.com A-24 30 days	Fun Friends phone covers. Munchie- Manatee	15.00 0.32 0.15	6.50 5.75 5.21
NEW 486359 1 EACH	funphonefriend.com A-10 30 days	Fun Friends phone covers. Kit Kat- Cat	15.00 0.32 0.15	6.50 5.75 5.21
NEW 488341 1 EACH	funphonefriend.com A-7 30 days	Fun Friends phone cover. Larry -Lobster	15.00 0.32 0.15	6.50 5.75 5.21
NEW 490397 1 EACH	funphonefriend.com A-21 30 days	Fun Friends phone covers. Cheeser- Mouse	15.00 0.32 0.15	6.50 5.75 5.21
NEW 491340 1 EACH	funphonefriend.com A-09 30 days	Fun Friends phone covers. Oinky- Pig	15.00 0.32 0.15	6.50 5.75 5.21
NEW 499325 1 EACH	funphonefriend.com A-20 30 days	Fun Friends phone covers. Moo Moo- Cow	15.00 0.32 0.15	6.50 5.75 5.21

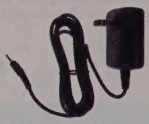
Chargers, Desk Top, Travel [305-60]

Kyocera Dualport Desktop Chargers

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories t match the specific requirements of their phones, satisfyin the most demanding customer. You can trust the high qua and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
NEW 438163 1 EACH	Qualcomm/Kyocera TXDTC0D011 1 Year	Dual-port desktop charger. Includes AC adapter.	52.80 0.4 0.18	37.9 37.4 36.6

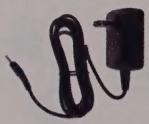
Kyocera Travel Chargers



Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories t match the specific requirements of their phones, satisfyin the most demanding customer. You can trust the high qua and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
NEW 434380 1 EACH	Qualcomm/Kyocera TXTVL10010 1 Year	Rapid Travel Charger	16.00 0.2 0.09	11.9 11.8 11.5
NEW 436186 1 EACH	Qualcomm/Kyocera TAACA0201 1 Year	A/C Adapter for Desk Top Charger. Bulk packaged.	3.00 0.2 0.09	2.1 2.1 2.0

Wireless Solutions Travel Charger



497081

- Plugs into any 110 volt outlet
- Use your phone while it is charging
- Rapid Charges batteries in about 2-4 hours
- Attractive retail packaging that promotes self selec tion and consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
497081 1 EACH	Wireless Solutions 499043U Lifetime	Travel Charger	14.50 0.42 0.19	10.3 8.3 6.3

Cases for Portable Cellular Phones [310-10]

Kyocera OEM Leather Cases

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high qual and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
NEW 480198 1 EACH	Qualcomm/Kyocera TXLCC10001 1 Year	Leather Case Black	5.60 0.35 0.16	4.49 4.44 4.35

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e Ize Holsters

7345

The Stand-Up Phone Holster provides the ultimate in protection and usability for your phone. Durable Ballistic nylon protects from moisture and scratches, and a secure holstering mechanism ensures your phone will never leave your belt unintentionally

ilable in three sizes: small, medium and large.
tic sides expand to accomodate various phones
tiple pockets hold accessories
dable metal frame stands, hangs or attaches to
ster and provides a hands-free workstation

- Security snap attaches securely to belt
- Open-ended design for CLA's, headset or other phone accessories

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W	Nite Ize	Medium holster. Phone must fit into 5 1/2L" x 3 1/8"W x 1 1/4D" pocket.	28.25	14.68
345	SUMP-07-01		0.15	14.34
CH	2 years		0.07	14.11

e Ize Protective Case

375 424372 467363 482355

Boxit mobile phone case provides the ultimate protection for any environment.

ded polyurethane front and polycarbonate back
tects phone from moisture, dirt, dust, and shock.
ts too!
des two different lids to accomodate nearly
y phone. Antenna extensions and plugs are
ded for nearly every style antenna.

- Hear and talk through flexible transparent face while a special waterproof Gore audio membrane enhances audibility and guarantees effective sound transmission
- Operates from -40F to +140F. Approved to IP45 and IP65

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W	Nite Ize	BOXIT universal phone case. Onyx color	46.20	24.01
375	NBX-07-01		0.15	23.47
CH	2 years		0.07	23.09
W	Nite Ize	BOXIT universal phone case. Crystal color.	46.20	24.01
372	NBX-07-04		0.15	23.47
CH	2 years		0.07	23.09
W	Nite Ize	BOXIT universal phone case. Citron color.	46.20	24.01
363	NBX-07-28		0.15	23.47
CH	2 years		0.07	23.09
W	Nite Ize	BOXIT universal phone case. Aqua color.	46.20	24.01
355	NBX-07-03		0.15	23.47
CH	2 years		0.07	23.09

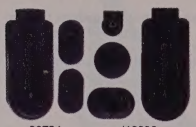
Waterproof Cases, Belt Clips [310-60]

cera Belt Clips

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W	Qualcomm/Kyocera	Belt Clip Assembly Black	3.60	3.05
196	TXLCC0E01		0.35	3.02
CH	1 year		0.16	2.96

Wireless Solutions Beltclips



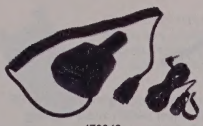
30754 413338

Belt clips designed to conveniently snap onto the phone to securely hold it in place. Holds the phone without the need for a leather carry case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30754	Wireless Solutions	Universal Belt Clip includes three different swivels with 3M adhesive. Black	6.80	4.22
1 EACH	30754		0.18	3.75
	Lifetime		0.08	3.21
NEW	Wireless Solutions	Universal Belt Clip includes two swivels with 3M adhesive. Black	6.80	4.22
413338	458379U		0.18	3.75
1 EACH	Lifetime		0.08	3.21

Hands Free Kits, Mics, Headsets [262-09]

Kyocera Hands Free Car Kits



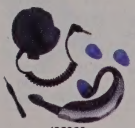
470048

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
470048	Qualcomm/Kyocera	Portable hands free car kit.	60.00	43.54
1 EACH	TXCKT00721		1	43.06
	1 Year		0.45	42.10

Headsets [262-10]

Bluetooth Headsets

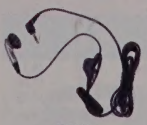


435389

The Motorola Bluetooth headset provides a cordless connection to your mobile phone. Carry on handsfree conversation without the restriction of a cord.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Jabra Corporation	Freespeak Bluetooth Headset with 2.5mm headset jack.	179.95	143.06
435389	100-91030000-02		0.45	123.09
1 EACH	1 Year		0.2	114.99

Kyocera Headsets



484040

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
484040	Qualcomm/Kyocera	Synertek headset	7.80	6.06
1 EACH	TXCKT073		0.25	6.00
	1 Year		0.11	5.88

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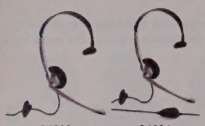
Kyocera 1155

Plantronics Over-The-Head Headsets



36909 36926

All Plantronics over-the-head wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36909 1 EACH	Plantronics M110 1 Year	Flexible headband on this over-the-head headset provides stability and comfort.	24.20 0.4 0.18	16.06 12.59 12.08
36926 1 EACH	Plantronics M114 1 Year	Flexible headband on this over-the-head style headset provides stability and comfort. Includes in-line volume control.	26.80 0.4 0.18	17.80 13.95 13.39

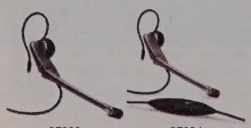
Plantronics Over-The-Ear Headsets

36954 36981 32055 497082

All Plantronics over-the-ear wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hard-wired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36954 1 EACH	Plantronics M120 1 Year	Lightweight comfort in an over-the-ear style headset.	24.20 0.25 0.11	16.06 12.59 12.08
36981 1 EACH	Plantronics M124 1 Year	Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80 0.24 0.11	17.80 13.95 13.39
32055 1 EACH	Plantronics M130 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic-blue, blurple color.	29.50 0.22 0.1	19.59 15.36 14.73
NEW 433174 1 EACH	Plantronics M135/BLUE 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, blurple color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55
497082 1 EACH	Plantronics M135/ESPRESSO 1 Year	Superior comfort and sleek design in this over-the-ear headset. Espresso color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55

Plantronics In-The-Ear Headsets

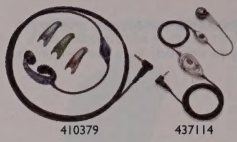


37000 37004

All Plantronics in-the-ear boom-style wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37000 1 EACH	Plantronics M140/CHARCOAL 1 Year	Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11	24.31 19.06 18.28
NEW 467122 1 EACH	Plantronics M140/SILVER 1 Year	Ultra-light comfort with this in-the-ear style headset. Silver color.	36.60 0.25 0.11	24.31 19.06 18.28
37004 1 EACH	Plantronics M145 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11	28.22 22.12 21.22

Plantronics Discreet Earbud Headsets

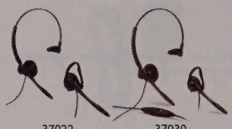


410379 437114

All Plantronics earbud headsets for wireless phones fea ture Flexfit(TM) design for increased stability, RF noise shielded cable, advanced speaker technology, and a clot ing clip. Available in a standard 2.5mm plug or hardwire for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 410379 1 EACH	Plantronics MX100 1 Year	Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19.59 15.36 14.73
437114 1 EACH	Plantronics M205 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09	19.59 15.36 14.73

Plantronics Convertible Headsets



37022 37030

All Plantronics convertible style wireless phone headset feature a noise-canceling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37022 1 EACH	Plantronics M170 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18	31.25 24.50 23.50
37030 1 EACH	Plantronics M175 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22	35.16 27.57 26.44

Plantronics Cordless Headsets

467353

Cut the Cord(TM) with Bluetooth(TM) wireless headsets from Plantronics. Al Plantronics over-the-ear cordless headsets feature an adjustable noice cancelli microphone, volume/mute control and answer/end button. High-capacity rechargeable batteries provide up to 2.5 hours of talk time and 60 hours of standby.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 467353 1 EACH	Plantronics M1500 BLUE-TOOTH 1 Year	Bluetooth headset. Over-the-ear style with answer/end button and volume/mute control. Includes Bluetooth adapter, AC adapter and rechargeable battery. Bluetooth version 1.1.	250.70 0.25 0.11	166.6 130.6 125.3

Wireless Solutions 2.5mm Earwrap

460165

The Wireless Solutions EarWrap: noise-canceling mic, sleek, lightweight design, colorful accessories. Choose from snap-on boom covers and flex forming ear wraps in sleek tones of silver, blue and yellow.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
460165 1 EACH	Wireless Solutions 466053U Lifetime	Earwrap with colored faceplates and 2.5mm connector.	27.50 0.4 0.18	16.17 14.25 13.97

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less Solutions EarBoom Headset

Wireless Solutions In The Ear headset features a boom mic. Comfortable. Provide good mic sound as well as in the ear speaker.

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
9	Wireless Solutions	Earboom Headset with 2.5mm jack. Includes six eargels.	31.00	13.31
H	484028U		0.3	11.32
	Lifetime		0.14	9.31

less Solutions EarBud Headset

45052

The Wireless Soluitons EarBud is the most cost-effective, solution for mobile phone users wanting a hands-free alternative at a value price. The EarBud integrates the microphone as part of the cable leading from the ear to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
2	Wireless Solutions	Earbud Headset with 2.5mm jack. Includes six eargels.	27.00	12.09
H	438045U		0.3	10.09
	Lifetime		0.14	8.09

Portable Cellular Phone Accessory Kit [262-50]

era Combo Kits

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
	Qualcomm/Kyocera	Combo Kit. Includes vehicle power adapter and fitted	13.60	11.39
0	470077/461169	leather case with swivel clip.	0.5	11.11
H	1 Year		0.23	10.80

Compatible Phone Models:

Kyocera 2119
Kyocera 2135

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

Kyocera OEM Batteries

491187

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
491187	Qualcomm/Kyocera	Standard Battery	64.00	46.42
1 EACH	TXBAT0C02	1000 mAh LiIo 4 hours CDMA TT/150 hours CDMA	0.25	45.90
	1 Year	ST	0.11	44.88

Wireless Solutions Batteries

452348

- High Quality, Great Value
- Attractive retail packaging that promotes self selection and consumer education
- Available with merchandising system that drives multiple and repeat purchases to improve overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Wireless Solutions	Replacement Battery Black	30.55	21.52
452348	482111U	900 mAh LiIo	0.3	17.51
1 EACH	Lifetime		0.14	15.76

Vehicle Power Adapters [275-10]

Kyocera (OEM) Vehicle Power Adapters

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Qualcomm/Kyocera	Kyocera vehicle power adapter.	8.00	7.36
437325	TXCLA10004		0.2	7.13
1 EACH			0.09	6.91

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Kyocera 2135

Wireless Solutions Vehicle Power Adapter

473080

Wireless Solutions Vehicle adapters are a great value, and high quality. Quality tested cable returns to original shape after multiple stretches. Attractive retail packaging.

- Variable rate charging for safety & convenience (no overcharging)
- Enough current to make a call with a discharged battery
- Attractive retail packaging that promotes self selection and consumer education
- Available with revolutionary merchandising system that drives multiple and repeat purchase to improve overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
473080 I EACH	Wireless Solutions 475094U Lifetime	Vehicle Power Adapter. Retail Packaged.	23.00 0.2 0.09	7.24 5.91 4.60

Kyocera Phone Parts [330-50]

Antennas

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **433363** I EACH	Kyocera Service Parts TMSRP0C02 1 year	Antenna	2.95 0.02 0.01	2.94 2.94 2.94

Keymats

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **416349** I EACH	Kyocera Service Parts TMSRPOC12 30 Days	Keymat	4.20 0.03 0.01	4.20 4.20 4.20

Face Plates [311-10]

Kyocera QCP-2035 Faceplates

479147 452159 497119 429160 428187 437192 464128 493109 444169

Lets you customize the look of your phone and have a little fun. These fashionable faceplates are quick and easy to change.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
479147 I EACH	Qualcomm/Kyocera TXFPL10019 1 Year	Faceplate - American Flag. Keymat Not Included.	14.40 0.2 0.09	10.80 10.69 10.46
NEW **452159** I EACH	Qualcomm/Kyocera TXFPL10027 1 Year	Faceplate - Charcoal Gray. Keymat Not Included.	4.00 0.2 0.09	4.45 4.45 4.45
497119 I EACH	Qualcomm/Kyocera TXFPL0C05 1 Year	Faceplate - Electric Blue. Keymat Not Included.	8.25 0.2 0.09	8.70 8.70 8.70
429160 I EACH	Qualcomm/Kyocera TXFPL0C08 1 Year	Faceplate - Green Glass. Keymat Not Included.	8.25 0.2 0.09	8.70 8.70 8.70
NEW **428187** I EACH	Qualcomm/Kyocera TXFPL10001 1 Year	Faceplate - Ruby Red/Silver. Keymat Not Included.	14.40 0.2 0.09	10.80 10.69 10.46
NEW **437192** I EACH	Qualcomm/Kyocera TXFPL10020 1 Year	Faceplate - Sangria. Keymat Not Included.	8.25 0.2 0.09	8.70 8.70 8.70
NEW **464128** I EACH	Qualcomm/Kyocera TXFPL10002 1 Year	Faceplate - Sapphire Blue/Silver. Keymat Not Included.	14.40 0.2 0.09	10.80 10.69 10.46

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW **493109** I EACH	Qualcomm/Kyocera TXFPL10004 1 Year	Faceplate - Silver. Keymat Not Included.	14.40 0.2 0.09	[illegible]
444169 I EACH	Qualcomm/Kyocera TXFPL0C06 1 Year	Faceplate - Violet Blue. Keymat Not Included.	8.25 0.2 0.09	[illegible]

FPF Fun Friends

417318 425345 440370

441386 454305 472388

474325 481374 482389 486359

488341 490397 491340

499325

Fun Friends are leading the way with adorable characters that new attitude to these otherwise dull products. Fun Friends a perfect match for all who enjoy plush characters ranging fro Funky the Monkey to Tadpole our Lime Green Frog.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW **417318** I EACH	funphonefriend.com A-05 30 days	Fun Friends phone cover. Tapole Frog	15.00 0.32 0.15	6. 5. 5.
NEW **425345** I EACH	funphonefriend.com A-01 30days	FunFriends phone cover. Bully-Bulldog	15.00 0.32 0.15	6. 5. 5.
NEW **440370** I EACH	funphonefriend.com A-22 30 days	Fun Friends Funky- Monkey	15.00 0.32 0.15	6. 5. 5.
NEW **441386** I EACH	funphonefriend.com A-3 30 days	Fun Friends phone covers. Floppy Reg	15.00 0.32 0.15	6. 5. 5.
NEW **454305** I EACH	funphonefriend.com A-19 30 days	FunFriends phone cover. ALI- Aligator	15.00 0.32 0.15	6. 5. 5.
NEW **472388** I EACH	funphonefriend.com A-17 30 days	FunFriends phone cover. Beary- Lavender Bear	15.00 0.32 0.15	6. 5. 5.
NEW **474325** I EACH	funphonefriend.com A-27 30 days	Fun Friends phone cover. Santa	15.00 0.32 0.15	6. 5. 5.
NEW **481374** I EACH	funphonefriend.com A-15 30 days	Fun Friends phone covers. Dangles- Dog Hanging Legs	15.00 0.32 0.15	6. 5. 5.
NEW **482389** I EACH	funphonefriend.com A-24 30 days	Fun Friends phone covers. Munchie- Manatee	15.00 0.32 0.15	6. 5. 5.
NEW **486359** I EACH	funphonefriend.com A-10 30 days	Fun Friends phone covers. Kit Kat- Cat	15.00 0.32 0.15	6. 5. 5.

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ng product table (2 of 2)

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
/ 41 H	funphonefriend.com A-7 30 days	Fun Friends phone cover. Larry -Lobster	15.00 0.32 0.15	6.50 5.75 5.21
/ 97 H	funphonefriend.com A-21 30 days	Fun Friends phone covers. Cheeser- Mouse	15.00 0.32 0.15	6.50 5.75 5.21
/ 40 H	funphonefriend.com A-09 30 days	Fun Friends phone covers. Oinky- Pig	15.00 0.32 0.15	6.50 5.75 5.21
/ 25 H	funphonefriend.com A-20 30 days	Fun Friends phone covers. Moo Moo- Cow	15.00 0.32 0.15	6.50 5.75 5.21

e Finish Faceplates - Kyocera 2119

448395 449333 453390 458332 472358 453352 423335 467390 471396 432379

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
/ 39 H	Prime Finish 20111 30 Days	Faceplate -BLAH BLAH, for Kyocera 2119/35.	18.90 0.1 0.05	10.19 10.19 10.19
/ 95 H	Prime Finish 20102 30 Days	Faceplate -Metallic Blue face for Kyocera 2119/35.	14.25 0.1 0.05	7.69 7.69 7.69
/ 33 H	Prime Finish 20108 30 Days	Faceplate -Brushed Aluminum face for 2119/35.	16.55 0.1 0.05	8.94 8.94 8.94
/ 90 H	Prime Finish 20106 30 Days	Faceplate -Star Decoran face for Kyocera 2119/35.	16.55 0.1 0.05	8.94 8.94 8.94
/ 32 H	Prime Finish 20109 30 Days	Faceplate -Burl Wood face for Kyocera 2119/35.	16.55 0.1 0.05	8.94 8.94 8.94
/ 38 H	Prime Finish 20100 30 Days	Faceplate for 2119/35 phones.	14.25 0.1 0.05	7.69 7.69 7.69
/ 52 H	Prime Finish 20104 30 Days	Faceplate -GRAPHITE 2119/35	14.25 0.1 0.05	7.69 7.69 7.69
/ 35 H	Prime Finish 20103 30 Days	Faceplate -METAL WALNUT Kyocera 2119/35.	14.25 0.1 0.05	7.69 7.69 7.69
/ 00 H	Prime Finish 20107 30 Days	Faceplate -METAL DELTA PEARL Kyocera 2119/35.	16.55 0.1 0.05	8.94 8.94 8.94
/ 96 H	Prime Finish 20105 30 Days	Faceplate -PLUM CRAZY 2119/35.	14.25 0.1 0.05	7.69 7.69 7.69
/ 79 H	Prime Finish 20110 30 Days	Faceplate -YADA YADA, for Kyocera 2119/35.	18.90 0.1 0.05	10.19 10.19 10.19

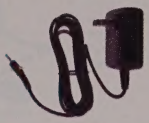
Chargers, Desk Top, Travel [305-60]

cera Dualport Desktop Chargers

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
/ 56 H	Qualcomm/Kyocera TXDTC0C012 1 Year	Dual-port desktop charger. Includes AC adapter.	47.00 0.3 0.14	33.75 33.37 32.62

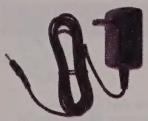
Kyocera Travel Chargers



Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 434380 1 EACH	Qualcomm/Kyocera TXTVL10010 1 Year	Rapid Travel Charger	16.00 0.2 0.09	11.95 11.82 11.57

Wireless Solutions Travel Charger



497081

- Plugs into any 110 volt outlet
- Use your phone while it is charging
- Rapid Charges batteries in about 2-4 hours
- Attractive retail packaging that promotes self selection and consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
497081 1 EACH	Wireless Solutions 499043U Lifetime	Travel Charger	14.50 0.42 0.19	10.31 8.30 6.30

Cases for Portable Cellular Phones [310-10]

Kyocera OEM Leather Cases

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
478120 1 EACH	Qualcomm/Kyocera TXLCC0C02 1 Year	Open faced leather case with belt clip. Plastic cover protects display. Retail packaged. Black	6.40 0.25 0.11	5.06 5.01 4.91

Wireless Solutions Cases

- High quality leather
- Nylon stitching
- Leather covered rust resistant spring clip
- Mylar plastic that will not yellow or crack
- Environmentally tested to ever durability
- Attractive retail packaging that promotes self selectionand consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 495323 1 EACH	Wireless Solutions 486168U 1 Year	Leather Case with built-in swivel and belt clip. Vinyl over the LCD only. Black	11.60 0.3 0.14	7.50 6.87 6.30

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Wireless Solutions Phone Holsters

- Phone Holster can ratchet 180 degrees.
- Phone sits firmly in place inside of holster.
- Holster is manufactured with high-impact plastic.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Wireless Solutions	Ratcheting Phone Holster	7.75	5.51
486309	433154U	Black	0.3	4.66
1 EACH	Lifetime		0.14	3.60

Waterproof Cases, Belt Clips [310-60]

Kyocera Belt Clips

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
490199	Qualcomm/Kyocera	Belt Clip Black	6.40	5.06
1 EACH	TXLCC0C01		0.25	5.01
	1 year		0.11	4.91

Wireless Solutions Beltclips

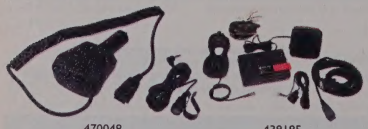
30754 413338

Belt clips designed to conveniently snap onto the phone to securely hold it in place. Holds the phone without the need for a leather carry case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30754	Wireless Solutions	Universal Belt Clip includes three different swivels with 3M adhesive. Black	6.80	4.22
1 EACH	30754		0.18	3.75
	Lifetime		0.08	3.21
NEW	Wireless Solutions	Universal Belt Clip includes two swivels with 3M adhesive. Black	6.80	4.22
413338	458379U		0.18	3.75
1 EACH	Lifetime		0.08	3.21

Hands Free Kits, Mics, Headsets [262-09]

Kyocera Hands Free Car Kits

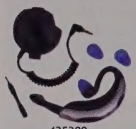

470048 438185

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
470048	Qualcomm/Kyocera	Portable hands free car kit.	60.00	43.54
1 EACH	TXCKT00721		1	43.06
	1 Year		0.45	42.10
NEW	Qualcomm/Kyocera	HandsFree Car Kit with TNC antenna port	268.80	193.00
453163	TXCKT0E011		2.13	190.85
1 EACH	1 Year		0.97	186.55
NEW	Qualcomm/Kyocera	HandsFree Car Kit	268.80	193.00
438185	TXCKT0C011		2	190.85
1 EACH	1 Year		0.91	186.55

Headsets [262-10]

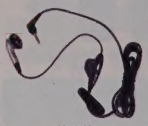
Bluetooth Headsets


435389

The Motorola Bluetooth headset provides a cordless connection to y mobile phone. Carry on handsfree conversation without the restrictio a cord.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW	Jabra Corporation	Freespeak Bluetooth Headset with 2.5mm headset jack.	179.95	143
435389	100-91030000-02		0.45	123
1 EACH	1 Year		0.2	114

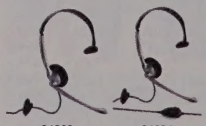
Kyocera Headsets


484040

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific req ments of their phones, satisfying the most demanding customer. You trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
484040	Qualcomm/Kyocera	Synertek headset	7.80	6.1
1 EACH	TXCKT073		0.25	6.0
	1 Year		0.11	5.8

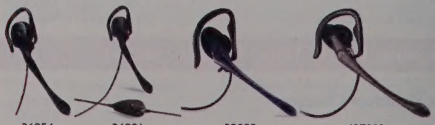
Plantronics Over-The-Head Headsets


36909 36926

All Plantronics over-the-head wireless phone headsets feat a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch ar clothing clip. The 2.5mm plug connects directly into the he set port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
36909	Plantronics	Flexible headband on this over-the-head headset provides stability and comfort.	24.20	16.
1 EACH	M110		0.4	12.
	1 Year		0.18	12.
36926	Plantronics	Flexible headband on this over-the-head style headset provides stability and comfort. Includes in-line volume control.	26.80	17.
1 EACH	M114		0.4	13.
	1 Year		0.18	13.

Plantronics Over-The-Ear Headsets


36954 36981 32055 497082

All Plantronics over-the-ear wireless phone headsets feature a noise-cancelling microphone, noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hard-wired for specific Nokia phones.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
36954	Plantronics	Lightweight comfort in an over-the-ear style headset.	24.20	16.
1 EACH	M120		0.25	12.
	1 Year		0.11	12.
36981	Plantronics	Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80	17.
1 EACH	M124		0.24	13.
	1 Year		0.11	13.
32055	Plantronics	Superior comfort and sleek design in this over-the-ear headset. Metallic-blue, blurple color.	29.50	19.
1 EACH	M130		0.22	15.
	1 Year		0.1	14.

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FAX 410-527-0005
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ng product table (2 of 2)

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
4	Plantronics M135/BLUE 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, blurple color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55
2	Plantronics M135/ESPRESSO 1 Year	Superior comfort and sleek design in this over-the-ear headset. Espresso color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55

tronics In-The-Ear Headsets

37000 37004

All Plantronics in-the-ear boom-style wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
	Plantronics M140/CHARCOAL 1 Year	Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11	24.31 19.06 18.28
2	Plantronics M140/SILVER 1 Year	Ultra-light comfort with this in-the-ear style headset. Silver color.	36.60 0.25 0.11	24.31 19.06 18.28
4	Plantronics M145 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11	28.22 22.12 21.22

tronics Discreet Earbud Headsets

410379 437114

All Plantronics earbud headsets for wireless phones feature Flexfit(TM) design for increased stability, RF noise shielded cable, advanced speaker technology, and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
9	Plantronics MX100 1 Year	Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19.59 15.36 14.73
4	Plantronics M205 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09	19.59 15.36 14.73

tronics Convertible Headsets

7022 37030

All Plantronics convertible style wireless phone headsets feature a noise-canceling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
2	Plantronics M170 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18	31.25 24.50 23.50
	Plantronics M175 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22	35.16 27.57 26.44

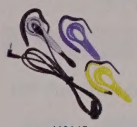
Plantronics Cordless Headsets

467353

Cut the Cord(TM) with Bluetooth(TM) wireless headsets from Plantronics. All Plantronics over-the-ear cordless headsets feature an adjustable noice cancelling microphone, volume/mute control and answer/end button. High-capacity rechargeable batteries provide up to 2.5 hours of talk time and 60 hours of standby.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **467353** 1 EACH	Plantronics M1500 BLUE-TOOTH 1 Year	Bluetooth headset. Over-the-ear style with answer/end button and volume/mute control. Includes Bluetooth adapter, AC adapter and rechargeable battery. Bluetooth version 1.1.	250.70 0.25 0.11	166.67 130.67 125.34

Wireless Solutions 2.5mm Earwrap

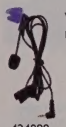


460165

The Wireless Solutions EarWrap: noise-canceling mic, sleek, lightweight design, colorful accessories. Choose from snap-on boom covers and flex-forming ear wraps in sleek tones of silver, blue and yellow.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
460165 1 EACH	Wireless Solutions 466053U Lifetime	Earwrap with colored faceplates and 2.5mm connector.	27.50 0.4 0.18	16.17 14.25 13.97

Wireless Solutions EarBoom Headset



424099

Wireless Solutions In The Ear headset features a boom mic. Comfortable. Provide good mic sound as well as in the ear speaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
424099 1 EACH	Wireless Solutions 484028U Lifetime	Earboom Headset with 2.5mm jack. Includes six eargels.	31.00 0.3 0.14	13.31 11.32 9.31

Wireless Solutions EarBud Headset

445052

The Wireless Soluitons EarBud is the most cost-effective, solution for mobile phone users wanting a hands-free alternative at a value price. The EarBud integrates the microphone as part of the cable leading from the ear to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
445052 1 EACH	Wireless Solutions 438045U Lifetime	Earbud Headset with 2.5mm jack. Includes six eargels.	27.00 0.3 0.14	12.09 10.09 8.09

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Portable Cellular Phone Accessory Kit [262-50]

Kyocera Combo Kits

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **477140** 1 EACH	Qualcomm/Kyocera 470077/481145 1 Year	Combo Kit. Includes vehicle power adapter and fitted leather case with swivel clip.	12.20 0.5 0.23	9.23 9.13 8.94

Wireless Solutions Starter Kits

• Includes leather case and vehicle power adapter. Wireless Solutions Retail Package.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **451327** 1 EACH	Wireless Solutions 475094U Lifetime	Starter Kit. Leather Case with swivel and beltclip and VPA.	33.00 0.5 0.23	13.90 11.92 9.90

Retractable/Replacement Antennas [385-65]

Kyocera Replacement Antennas

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **495393** 1 EACH	Qualcomm/Kyocera TXANT10001	Replacement antenna for Kyocera 2135/ 2119.	10.00 0.1 0.05	7.18 7.10 6.94

Data Interfaces for Portable Phones [260-12]

Data Connectivity Kit

473084

The Connectivity Toolkit helps you manage your phone numbers (contacts) from your desktop. Use the Connectivity Toolkit to change the information in a contact including names, phone numbers, email addresses, and Internet addresses. When your changes are ready, sync them with your phone using the included data cable. The Connectivity Toolkit also has a Phone Monitor application that allows you to see your phone's display on your computer and control phone functions using the keyboard. The Connectivity Toolkit runs in, Windows 95 (OSR2 and higher), Windows 98, Windows NT and Windows 2000.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
473084 1 EACH	Qualcomm/Kyocera TXDTA10020 1 Year	Data Connectivity Tool Kit	50.00 0.5 0.23	35.90 35.50 34.70

Kyocera Data Cables

419170

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific req ments of their phones, satisfying the most demanding customer. You trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW **419170** 1 EACH	Qualcomm/Kyocera TXDTA074	Handsfree Kit Data Cable	40.00 0.35 0.16	28 28 27

External Antenna Kits for Portables [362-40]

Wireless Solutions Antenna Cables

444380

Wireless Solutions Antenna Cables and Antenns

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW **444380** 1 EACH	Wireless Solutions 454106U 1 Year	Dual Band Mini-Magnetic Mount Antenna connects to RF adapter.	19.70 0.25 0.11	11. 9. 9.
NEW **429314** 1 EACH	Wireless Solutions 439385U 1 Year	Antenna Adapter Cable. Kyocera 2135. Use Dual Band Mini Mag-Mount Antenna SKU# 444380.	11.00 0.25 0.11	6. 5. 5.

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Compatible Phone Models:

Kyocera 2235

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

era OEM Batteries

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

64

Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Qualcomm/Kyocera TXBAT00811 1 Year	Replacement Battery Black 900 mAh LiIo Up to 225 min. talk time, 132 hours standby.	40.00 0.2 0.09	29.18 28.86 28.22

less Solutions Batteries

36

uality, Great Value

ve retail packaging that promotes self selec-
d consumer education

- Available with merchandising system that drives multiple and repeat purchases to improve overall profitability

Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Wireless Solutions 419075U Lifetime	Internal Battery Black 600 mAh LiIo 1 to 3 hours DTT/1 to 3 days DST	30.55 0.3 0.14	21.52 17.51 15.76

Vehicle Power Adapters [275-10]

era (OEM) Vehicle Power Adapters

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Qualcomm/Kyocera TXCLA10004	Kyocera vehicle power adapter.	8.00 0.2 0.09	7.36 7.13 6.91

Wireless Solutions Vehicle Power Adapter

473080

Wireless Solutions Vehicle adapters are a great value, and high quality. Quality tested cable returns to original shape after multiple stretches. Attractive retail packaging.

- Variable rate charging for safety & convenience (no overcharging)
- Enough current to make a call with a discharged battery
- Attractive retail packaging that promotes self selection and consumer education
- Available with revolutionary merchandising system that drives multiple and repeat purchase to improve overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
473080 1 EACH	Wireless Solutions 475094U Lifetime	Vehicle Power Adapter. Retail Packaged.	23.00 0.2 0.09	7.24 5.91 4.60

Face Plates [311-10]

FPF Fun Friends

417318 425345 440370

441386 454305 472388

474325 481374 482389 486359

488341 490397 491340

499325

Fun Friends are leading the way with adorable characters that give new attitude to these otherwise dull products. Fun Friends are a perfect match for all who enjoy plush characters ranging from Funky the Monkey to Tadpole our Lime Green Frog.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 417318 1 EACH	funphonefriend.com A-05 30 days	Fun Friends phone cover. Tapole Frog	15.00 0.32 0.15	6.50 5.75 5.21
NEW 425345 1 EACH	funphonefriend.com A-01 30days	FunFriends phone cover. Bully-Bulldog	15.00 0.32 0.15	6.50 5.75 5.21
NEW 440370 1 EACH	funphonefriend.com A-22 30 days	Fun Friends Funky- Monkey	15.00 0.32 0.15	6.50 5.75 5.21
NEW 441386 1 EACH	funphonefriend.com A-3 30 days	Fun Friends phone covers. Floppy Reg	15.00 0.32 0.15	6.50 5.75 5.21
NEW 454305 1 EACH	funphonefriend.com A-19 30 days	FunFriends phone cover. ALI- Aligator	15.00 0.32 0.15	6.50 5.75 5.21

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Kyocera 2235

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 472388 1 EACH	funphonefriend.com A-17 30 days	FunFriends phone cover. Beary- Lavender Bear	15.00 0.32 0.15	6.50 5.75 5.21
NEW 474325 1 EACH	funphonefriend.com A-27 30 days	Fun Friends phone cover. Santa	15.00 0.32 0.15	6.50 5.75 5.21
NEW 481374 1 EACH	funphonefriend.com A-15 30 days	Fun Friends phone covers. Dangles- Dog Hanging Legs	15.00 0.32 0.15	6.50 5.75 5.21
NEW 482389 1 EACH	funphonefriend.com A-24 30 days	Fun Friends phone covers. Munchie- Manatee	15.00 0.32 0.15	6.50 5.75 5.21
NEW 486359 1 EACH	funphonefriend.com A-10 30 days	Fun Friends phone covers. Kit Kat- Cat	15.00 0.32 0.15	6.50 5.75 5.21
NEW 488341 1 EACH	funphonefriend.com A-7 30 days	Fun Friends phone cover. Larry -Lobster	15.00 0.32 0.15	6.50 5.75 5.21
NEW 490397 1 EACH	funphonefriend.com A-21 30 days	Fun Friends phone covers. Cheeser- Mouse	15.00 0.32 0.15	6.50 5.75 5.21
NEW 491340 1 EACH	funphonefriend.com A-09 30 days	Fun Friends phone covers. Oinky- Pig	15.00 0.32 0.15	6.50 5.75 5.21
NEW 499325 1 EACH	funphonefriend.com A-20 30 days	Fun Friends phone covers. Moo Moo- Cow	15.00 0.32 0.15	6.50 5.75 5.21

Chargers, Desk Top, Travel [305-60]

Kyocera Dualport Desktop Chargers

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

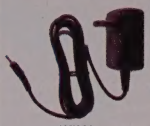
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 438163 1 EACH	Qualcomm/Kyocera TXDTC0D011 1 Year	Dual-port desktop charger. Includes AC adapter.	52.80 0.4 0.18	37.91 37.49 36.65

Kyocera Travel Chargers

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 434380 1 EACH	Qualcomm/Kyocera TXTVL10010 1 Year	Rapid Travel Charger	16.00 0.2 0.09	11.95 11.82 11.57
NEW 436186 1 EACH	Qualcomm/Kyocera TAACA0201 1 Year	A/C Adapter for Desk Top Charger. Bulk packaged.	3.00 0.2 0.09	2.16 2.13 2.09

Wireless Solutions Travel Charger



497081

- Plugs into any 110 volt outlet
- Use your phone while it is charging
- Rapid Charges batteries in about 2-4 hours
- Attractive retail packaging that promotes self se tion and consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
497081 1 EACH	Wireless Solutions 499043U Lifetime	Travel Charger	14.50 0.42 0.19	1(8 6

Cases for Portable Cellular Phones [310-10]

Kyocera OEM Leather Cases

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories match the specific requirements of their phones, satisfyi the most demanding customer. You can trust the high qu and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 480198 1 EACH	Qualcomm/Kyocera TXLCC10001 1 Year	Leather Case Black	5.60 0.35 0.16	4. 4. 4.

Wireless Solutions Cases

497397

- High quality leather
- Nylon stitching
- Leather covered rust resistant spring clip
- Mylar plastic that will not yellow or crack
- Environmentally tested to ensure durability
- Attractive retail packaging that promotes self sel tionand consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 497397 1 EACH	Wireless Solutions 448110U Lifetime	Leather Case with built-in swivel and belt clip. Vinyl over the LCD only. Black	11.60 0.3 0.14	7. 6. 6.

Waterproof Cases, Belt Clips [310-60]

Kyocera Belt Clips

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories match the specific requirements of their phones, satisfyi the most demanding customer. You can trust the high qu and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 417196 1 EACH	Qualcomm/Kyocera TXLCC0E01 1 year	Belt Clip Assembly Black	3.60 0.35 0.16	3. 3. 2.

NEW = New Listing. Pricing for reference See TESSCO.com for latest pricing and prod

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eless Solutions Beltclips

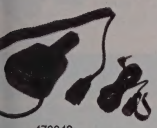
754 413338

Belt clips designed to conveniently snap onto the phone to securely hold it in place. Holds the phone without the need for a leather carry case.

o. m	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
54 CH	Wireless Solutions 30754 Lifetime	Universal Belt Clip includes three different swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21
V 38 CH	Wireless Solutions 458379U Lifetime	Universal Belt Clip includes two swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21

Hands Free Kits, Mics, Headsets [262-09]

cera Hands Free Car Kits



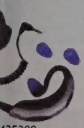
470048

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
48 CH	Qualcomm/Kyocera TXCKT00721 1 Year	Portable hands free car kit.	60.00 1 0.45	43.54 43.06 42.10
V 63 CH	Qualcomm/Kyocera TXCKT0E011 1 Year	HandsFree Car Kit with TNC antenna port	268.80 2.13 0.97	193.00 190.85 186.55

Headsets [262-10]

tooth Headsets

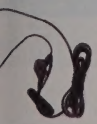


435389

The Motorola Bluetooth headset provides a cordless connection to your mobile phone. Carry on handsfree conversation without the restriction of a cord.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
V 39 CH	Jabra Corporation 100-91030000-02 1 Year	Freespeak Bluetooth Headset with 2.5mm headset jack.	179.95 0.45 0.2	143.06 123.09 114.99

cera Headsets

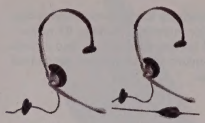


484040

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
10 CH	Qualcomm/Kyocera TXCKT073 1 Year	Synertek headset	7.80 0.25 0.11	6.06 6.00 5.88

Plantronics Over-The-Head Headsets

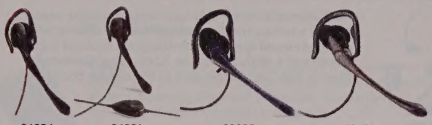


36909 36926

All Plantronics over-the-head wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36909 1 EACH	Plantronics M110 1 Year	Flexible headband on this over-the-head headset provides stability and comfort.	24.20 0.4 0.18	16.06 12.59 12.08
36926 1 EACH	Plantronics M114 1 Year	Flexible headband on this over-the-head style headset provides stability and comfort. Includes in-line volume control.	26.80 0.4 0.18	17.80 13.95 13.39

Plantronics Over-The-Ear Headsets



36954 36981 32055 497082

All Plantronics over-the-ear wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hard-wired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36954 1 EACH	Plantronics M120 1 Year	Lightweight comfort in an over-the-ear style headset.	24.20 0.25 0.11	16.06 12.59 12.08
36981 1 EACH	Plantronics M124 1 Year	Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80 0.24 0.11	17.80 13.95 13.39
32055 1 EACH	Plantronics M130 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic-blue, blurple color.	29.50 0.22 0.1	19.59 15.36 14.73
NEW **433174** 1 EACH	Plantronics M135/BLUE 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, blurple color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55
497082 1 EACH	Plantronics M135/ESPRESSO 1 Year	Superior comfort and sleek design in this over-the-ear headset. Espresso color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55

Plantronics In-The-Ear Headsets

37000 37004

All Plantronics in-the-ear boom-style wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37000 1 EACH	Plantronics M140/CHARCOAL 1 Year	Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11	24.31 19.06 18.28
NEW **467122** 1 EACH	Plantronics M140/SILVER 1 Year	Ultra-light comfort with this in-the-ear style headset. Silver color.	36.60 0.25 0.11	24.31 19.06 18.28
37004 1 EACH	Plantronics M145 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11	28.22 22.12 21.22

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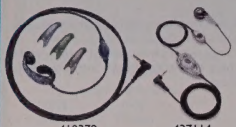
Kyocera 2235

Plantronics Discreet Earbud Headsets

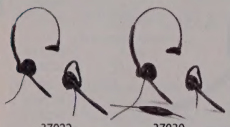


410379 437114

All Plantronics earbud headsets for wireless phones feature Flexfit(TM) design for increased stability, RF noise shielded cable, advanced speaker technology, and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 410379 1 EACH	Plantronics MX100 1 Year	Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19.59 15.36 14.73
437114 1 EACH	Plantronics M205 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09	19.59 15.36 14.73

Plantronics Convertible Headsets



37022 37030

All Plantronics convertible style wireless phone headsets feature a noise-canceling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37022 1 EACH	Plantronics M170 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18	31.25 24.50 23.50
37030 1 EACH	Plantronics M175 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22	35.16 27.57 26.44

Plantronics Cordless Headsets

467353

Cut the Cord(TM) with Bluetooth(TM) wireless headsets from Plantronics. All Plantronics over-the-ear cordless headsets feature an adjustable noice cancelling microphone, volume/mute control and answer/end button. High-capacity rechargeable batteries provide up to 2.5 hours of talk time and 60 hours of standby.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 467353 1 EACH	Plantronics M1500 BLUE-TOOTH 1 Year	Bluetooth headset. Over-the-ear style with answer/end button and volume/mute control. Includes Bluetooth adapter, AC adapter and rechargeable battery. Bluetooth version 1.1.	250.70 0.25 0.11	166.67 130.67 125.34

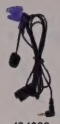
Wireless Solutions 2.5mm Earwrap

460165

The Wireless Solutions EarWrap: noise-canceling mic, sleek, lightweight design, colorful accessories. Choose from snap-on boom covers and flex-forming ear wraps in sleek tones of silver, blue and yellow.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
460165 1 EACH	Wireless Solutions 466053U Lifetime	Earwrap with colored faceplates and 2.5mm connector.	27.50 0.4 0.18	16.17 14.25 13.97

Wireless Solutions EarBoom Headset



424099

Wireless Solutions In The Ear headset features a boom mic. Comfortable. Provide g mic sound as well as in the ear speaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
424099 1 EACH	Wireless Solutions 484028U Lifetime	Earboom Headset with 2.5mm jack. Includes six eargels.	31.00 0.3 0.14	13 11 9.

Wireless Solutions EarBud Headset

445052

The Wireless Soluitons EarBud is the most cost-effective, solution for mobile phone users wanting a hands-free alternative at a value price. Th EarBud integrates the microphone as part of the cable leading from the to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
445052 1 EACH	Wireless Solutions 438045U Lifetime	Earbud Headset with 2.5mm jack. Includes six eargels.	27.00 0.3 0.14	12 10 8.

Portable Cellular Phone Accessory Kit [262-50]

Kyocera Combo Kits

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories match the specific requirements of their phones, satisfyin the most demanding customer. You can trust the high qu and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 472100 1 EACH	Qualcomm/Kyocera 470077/461169 1 Year	Combo Kit. Includes vehicle power adapter and fitted leather case with swivel clip.	13.60 0.5 0.23	11. 11. 10.

Retractable/Replacement Antennas [385-65]

Kyocera Replacement Antennas

Original accessories... "from the people that made your phone(TM)." OEMs design and ma facture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 426306 1 EACH	Qualcomm/Kyocera TXANT10001	Replacement antenna for Kyocera 2235.	10.00 0.1 0.05	7. 7. 6.

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Data Interfaces for Portable Phones [260-12]

Connectivity Kit

473084

The Connectivity Toolkit helps you manage your phone numbers (contacts) from your desktop. Use the Connectivity Toolkit to change the information in a contact including names, phone numbers, email addresses, and Internet addresses. When your changes are ready, sync them with your phone using the included data cable. The Connectivity Toolkit also has a Phone Monitor application that allows you to see your phone's display on your computer and control phone functions using the keyboard. The Connectivity Toolkit runs in, Windows 95 (OSR2 and higher), Windows 98, Windows NT and Windows 2000.

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
4	Qualcomm/Kyocera	Data Connectivity Tool Kit	50.00	35.90
1	TXDTA10020		0.5	35.50
	1 Year		0.23	34.70

era Data Cables

419170

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
	Qualcomm/Kyocera	Handsfree Kit Data Cable	40.00	28.72
0	TXDTA074		0.35	28.40
1			0.16	27.76
	Qualcomm/Kyocera	Null Modem Adapter	6.00	4.31
5	TXDTA038		0.25	4.26
1			0.11	4.17

Compatible Phone Models:

Kyocera 2255

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

Kyocera OEM Batteries

445064

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
445064	Qualcomm/Kyocera	Replacement Battery Black	40.00	29.18
1 EACH	TXBAT00811	900 mAh Lilo Up to 225 min. talk time, 132 hours	0.2	28.86
	1 Year	standby.	0.09	28.22

Wireless Solutions Batteries

441036

- High Quality, Great Value
- Attractive retail packaging that promotes self selection and consumer education
- Available with merchandising system that drives multiple and repeat purchases to improve overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
441036	Wireless Solutions	Internal Battery Black	30.55	21.52
1 EACH	419075U	600 mAh Lilo 1 to 3 hours DTT/1 to 3 days DST	0.3	17.51
	Lifetime		0.14	15.76

Vehicle Power Adapters [275-10]

Kyocera (OEM) Vehicle Power Adapters

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Qualcomm/Kyocera	Kyocera vehicle power adapter.	8.00	7.36
437325	TXCLA10004		0.2	7.13
1 EACH			0.09	6.91

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Wireless Solutions Vehicle Power Adapter

473080

Wireless Solutions Vehicle adapters are a great value, and high quality. Quality tested cable returns to original shape after multiple stretches. Attractive retail packaging.

- Variable rate charging for safety & convenience (no overcharging)
- Enough current to make a call with a discharged battery
- Attractive retail packaging that promotes self selection and consumer education
- Available with revolutionary merchandising system that drives multiple and repeat purchase to improve overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
473080 I EACH	Wireless Solutions 475094U Lifetime	Vehicle Power Adapter. Retail Packaged.	23.00 0.2 0.09	7.24 5.91 4.60

Face Plates [311-10]

FPF Fun Friends

417318 425345 440370

441386 454305 472388

474325 481374 482389 486359

488341 490397 491340

499325

Fun Friends are leading the way with adorable characters that give new attitude to these otherwise dull products. Fun Friends are a perfect match for all who enjoy plush characters ranging from Funky the Monkey to Tadpole our Lime Green Frog.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **417318** I EACH	funphonefriend.com A-05 30 days	Fun Friends phone cover. Tapole Frog	15.00 0.32 0.15	6.50 5.75 5.21
NEW **425345** I EACH	funphonefriend.com A-01 30days	FunFriends phone cover. Bully-Bulldog	15.00 0.32 0.15	6.50 5.75 5.21
NEW **440370** I EACH	funphonefriend.com A-22 30 days	Fun Friends Funky- Monkey	15.00 0.32 0.15	6.50 5.75 5.21
NEW **441386** I EACH	funphonefriend.com A-3 30 days	Fun Friends phone covers. Floppy Reg	15.00 0.32 0.15	6.50 5.75 5.21
NEW **454305** I EACH	funphonefriend.com A-19 30 days	FunFriends phone cover. ALI- Aligator	15.00 0.32 0.15	6.50 5.75 5.21

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW **472388** I EACH	funphonefriend.com A-17 30 days	FunFriends phone cover. Beary- Lavender Bear	15.00 0.32 0.15	6 5 5
NEW **474325** I EACH	funphonefriend.com A-27 30 days	Fun Friends phone cover. Santa	15.00 0.32 0.15	6 5 5
NEW **481374** I EACH	funphonefriend.com A-15 30 days	Fun Friends phone covers. Dangles- Dog Hanging Legs	15.00 0.32 0.15	6 5 5
NEW **482389** I EACH	funphonefriend.com A-24 30 days	Fun Friends phone covers. Munchie- Manatee	15.00 0.32 0.15	6 5 5
NEW **486359** I EACH	funphonefriend.com A-10 30 days	Fun Friends phone covers. Kit Kat- Cat	15.00 0.32 0.15	6 5 5
NEW **488341** I EACH	funphonefriend.com A-7 30 days	Fun Friends phone cover. Larry -Lobster	15.00 0.32 0.15	6 5 5
NEW **490397** I EACH	funphonefriend.com A-21 30 days	Fun Friends phone covers. Cheeser- Mouse	15.00 0.32 0.15	6 5 5
NEW **491340** I EACH	funphonefriend.com A-09 30 days	Fun Friends phone covers. Oinky- Pig	15.00 0.32 0.15	6 5 5
NEW **499325** I EACH	funphonefriend.com A-20 30 days	Fun Friends phone covers. Moo Moo- Cow	15.00 0.32 0.15	6 5 5

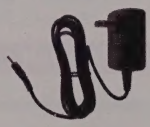
Chargers, Desk Top, Travel [305-60]

Kyocera Dualport Desktop Chargers

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories match the specific requirements of their phones, satisfy the most demanding customer. You can trust the high qu and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T T T
NEW **438163** I EACH	Qualcomm/Kyocera TXDTC0D011 1 Year	Dual-port desktop charger. Includes AC adapter.	52.80 0.4 0.18	3 3 3

Kyocera Travel Chargers



Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories match the specific requirements of their phones, satisfy the most demanding customer. You can trust the high qu and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T T T
NEW **434380** I EACH	Qualcomm/Kyocera TXTVL10010 1 Year	Rapid Travel Charger	16.00 0.2 0.09	1 1 1
NEW **436186** I EACH	Qualcomm/Kyocera TAACA0201 1 Year	A/C Adapter for Desk Top Charger. Bulk packaged.	3.00 0.2 0.09	2 2 2

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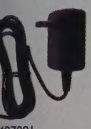
less Solutions Travel Charger



497081

- to any 110 volt outlet
- r phone while it is charging
- Rapid Charges batteries in about 2-4 hours
- Attractive retail packaging that promotes self selection and consumer education

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Wireless Solutions 499043U Lifetime	Travel Charger	14.50 0.42 0.19	10.31 8.30 6.30

Cases for Portable Cellular Phones [310-10]

era OEM Leather Cases

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Qualcomm/Kyocera TXLCC10001 1 Year	Leather Case Black	5.60 0.35 0.16	4.49 4.44 4.35

ess Solutions Cases

477131

- lity leather
- tching
- covered rust resistant spring clip
- Mylar plastic that will not yellow or crack
- Environmentally tested to ensure durability
- Attractive retail packaging that promotes self selectionand consumer education

Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Wireless Solutions 448110U Lifetime	Leather Case with built-in swivel and belt clip. Vinyl over the LCD only. Black	11.60 0.3 0.14	7.50 6.87 6.30
Wireless Solutions 490190 Lifetime	Leather Case with swivel and belt clip. Retail packaged. Black	11.60 0.3 0.14	7.50 6.87 6.30

ze Holsters

The Stand-Up Phone Holster provides the ultimate in protection and usability for your phone. Durable Ballistic nylon protects from moisture and scratches, and a secure holstering mechanism ensures your phone will never leave your belt unintentionally

- in three sizes: small, medium and large.
- des expand to accomodate various phones
- ockets hold accessories
- metal frame stands, hangs or attaches to
- nd provides a hands-free workstation
- Security snap attaches securely to belt
- Open-ended design for CLA's, headset or other phone accessories

Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Nite Ize SUMP-07-01 2 years	Medium holster. Phone must fit into 5 1/2L" x 3 1/8"W x 1 1/4D" pocket.	28.25 0.15 0.07	14.68 14.34 14.11

Nite Ize Protective Case

422375 424372 467363 482355

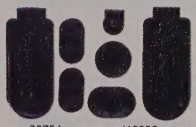
Boxit mobile phone case provides the ultimate protection for any environment.

- Molded polyurethane front and polycarbonate back protects phone from moisture, dirt, dust, and shock. Floats too!
- Includes two different lids to accomodate nearly every phone. Antenna extensions and plugs are included for nearly every style antenna.
- Hear and talk through flexible transparent face while a special waterproof Gore audio membrane enhances audibility and guarantees effective sound transmission
- Operates from -40F to +140F. Approved to IP45 and IP65

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 422375 1 EACH	Nite Ize NBX-07-01 2 years	BOXIT universal phone case. Onyx color	46.20 0.15 0.07	24.01 23.47 23.09
NEW 424372 1 EACH	Nite Ize NBX-07-04 2 years	BOXIT universal phone case. Crystal color.	46.20 0.15 0.07	24.01 23.47 23.09
NEW 467363 1 EACH	Nite Ize NBX-07-28 2 years	BOXIT universal phone case. Citron color.	46.20 0.15 0.07	24.01 23.47 23.09
NEW 482355 1 EACH	Nite Ize NBX-07-03 2 years	BOXIT universal phone case. Aqua color.	46.20 0.15 0.07	24.01 23.47 23.09

Waterproof Cases, Belt Clips [310-60]

Wireless Solutions Beltclips



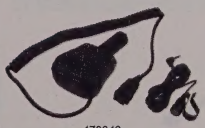
30754 413338

Belt clips designed to conveniently snap onto the phone to securely hold it in place. Holds the phone without the need for a leather carry case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30754 1 EACH	Wireless Solutions 30754 Lifetime	Universal Belt Clip includes three different swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21
NEW 413338 1 EACH	Wireless Solutions 458379U Lifetime	Universal Belt Clip includes two swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21

Hands Free Kits, Mics, Headsets [262-09]

Kyocera Hands Free Car Kits



470048

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
470048 1 EACH	Qualcomm/Kyocera TXCKT00721 1 Year	Portable hands free car kit.	60.00 1 0.45	43.54 43.06 42.10

3 all rights reserved.

Headsets [262-10]

Bluetooth Headsets

435389

The Motorola Bluetooth headset provides a cordless connection to your mobile phone. Carry on handsfree conversation without the restriction of a cord.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 435389 1 EACH	Jabra Corporation 100-91030000-02 1 Year	Freespeak Bluetooth Headset with 2.5mm headset jack.	179.95 0.45 0.2	143.06 123.09 114.99

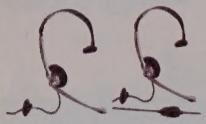
Kyocera Headsets

484040

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
484040 1 EACH	Qualcomm/Kyocera TXCKT073 1 Year	Synertek headset	7.80 0.25 0.11	6.06 6.00 5.88

Plantronics Over-The-Head Headsets

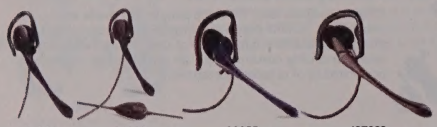


36909 36926

All Plantronics over-the-head wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36909 1 EACH	Plantronics M110 1 Year	Flexible headband on this over-the-head headset provides stability and comfort.	24.20 0.4 0.18	16.06 12.59 12.08
36926 1 EACH	Plantronics M114 1 Year	Flexible headband on this over-the-head style headset provides stability and comfort. Includes in-line volume control.	26.80 0.4 0.18	17.80 13.95 13.39

Plantronics Over-The-Ear Headsets



36954 36981 32055 497082

All Plantronics over-the-ear wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hard-wired for specific Nokia phones.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36954 1 EACH	Plantronics M120 1 Year	Lightweight comfort in an over-the-ear style headset.	24.20 0.25 0.11	16.06 12.59 12.08
36981 1 EACH	Plantronics M124 1 Year	Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80 0.24 0.11	17.80 13.95 13.39
32055 1 EACH	Plantronics M130 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic-blue, blurple color.	29.50 0.22 0.1	19.59 15.36 14.73

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 433174 1 EACH	Plantronics M135/BLUE 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, blurple color. Includes in-line volume and mute controls.	35.10 0.25 0.11	2 1 1
497082 1 EACH	Plantronics M135/ESPRESSO 1 Year	Superior comfort and sleek design in this over-the-ear headset. Espresso color. Includes in-line volume and mute controls.	35.10 0.25 0.11	2 1 1

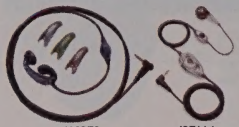
Plantronics In-The-Ear Headsets

37000 37004

All Plantronics in-the-ear boom-style wireless pho headsets feature a noise-cancelling microphone, R noise shielded cable, advanced speaker technolog microphone-adjust switch and a clothing clip. Avai in a standard 2.5mm plug or hardwired for specifi Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
37000 1 EACH	Plantronics M140/CHARCOAL 1 Year	Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11	2 1 1
NEW 467122 1 EACH	Plantronics M140/SILVER 1 Year	Ultra-light comfort with this in-the-ear style headset. Silver color.	36.60 0.25 0.11	2 1 1
37004 1 EACH	Plantronics M145 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11	2 2 2

Plantronics Discreet Earbud Headsets

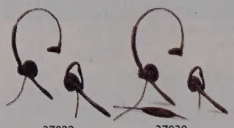


410379 437114

All Plantronics earbud headsets for wireless phones ture Flexfit(TM) design for increased stability, RF no shielded cable, advanced speaker technology, and a ing clip. Available in a standard 2.5mm plug or hardw for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-
NEW 410379 1 EACH	Plantronics MX100 1 Year	Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	
437114 1 EACH	Plantronics M205 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09	

Plantronics Convertible Headsets



37022 37030

All Plantronics convertible style wireless phone hea feature a noise-canceling microphone, RF noise shie cable, advanced speaker technology, microphone-ad switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	
37022 1 EACH	Plantronics M170 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18	
37030 1 EACH	Plantronics M175 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22	

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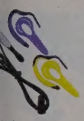
ntronics Cordless Headsets

7353

Cut the Cord(TM) with Bluetooth(TM) wireless headsets from Plantronics. All Plantronics over-the-ear cordless headsets feature an adjustable noice cancelling microphone, volume/mute control and answer/end button. High-capacity rechargeable batteries provide up to 2.5 hours of talk time and 60 hours of standby.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
53 H	Plantronics M1500 BLUE-TOOTH 1 Year	Bluetooth headset. Over-the-ear style with answer/end button and volume/mute control. Includes Bluetooth adapter, AC adapter and rechargeable battery. Bluetooth version 1.1.	250.70 0.25 0.11	166.67 130.67 125.34

less Solutions 2.5mm Earwrap



460165

The Wireless Solutions EarWrap: noise-canceling mic, sleek, lightweight design, colorful accessories. Choose from snap-on boom covers and flex-forming ear wraps in sleek tones of silver, blue and yellow.

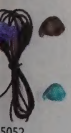
o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
5 H	Wireless Solutions 466053U Lifetime	Earwrap with colored faceplates and 2.5mm connector.	27.50 0.4 0.18	16.17 14.25 13.97

less Solutions EarBoom Headset

Wireless Solutions In The Ear headset features a boom mic. Comfortable. Provide good mic sound as well as in the ear speaker.

n	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
9 1	Wireless Solutions 484028U Lifetime	Earboom Headset with 2.5mm jack. Includes six eargels.	31.00 0.3 0.14	13.31 11.32 9.31

less Solutions EarBud Headset



5052

The Wireless Soluitons EarBud is the most cost-effective, solution for mobile phone users wanting a hands-free alternative at a value price. The EarBud integrates the microphone as part of the cable leading from the ear to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Wireless Solutions 438045U Lifetime	Earbud Headset with 2.5mm jack. Includes six eargels.	27.00 0.3 0.14	12.09 10.09 8.09

Portable Cellular Phone Accessory Kit [262-50]

Kyocera Combo Kits

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **472100** 1 EACH	Qualcomm/Kyocera 470077/461169 1 Year	Combo Kit. Includes vehicle power adapter and fitted leather case with swivel clip.	13.60 0.5 0.23	11.39 11.11 10.80

Data Interfaces for Portable Phones [260-12]

Data Connectivity Kit

473084

The Connectivity Toolkit helps you manage your phone numbers (contacts) from your desktop. Use the Connectivity Toolkit to change the information in a contact including names, phone numbers, email addresses, and Internet addresses. When your changes are ready, sync them with your phone using the included data cable. The Connectivity Toolkit also has a Phone Monitor application that allows you to see your phone's display on your computer and control phone functions using the keyboard. The Connectivity Toolkit runs in, Windows 95 (OSR2 and higher), Windows 98, Windows NT and Windows 2000.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
473084 1 EACH	Qualcomm/Kyocera TXDTA10020 1 Year	Data Connectivity Tool Kit	50.00 0.5 0.23	35.90 35.50 34.70

Kyocera Data Cables

419170

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **419170** 1 EACH	Qualcomm/Kyocera TXDTA074	Handsfree Kit Data Cable	40.00 0.35 0.16	28.72 28.40 27.76
NEW **467186** 1 EACH	Qualcomm/Kyocera TXDTA038	Null Modem Adapter	6.00 0.25 0.11	4.31 4.26 4.17

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Kyocera 2325

Compatible Phone Models:

Kyocera 2325

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

Kyocera OEM Batteries

445064

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
445064 1 EACH	Qualcomm/Kyocera TXBAT00811 1 Year	Replacement Battery Black 900 mAh Lilo Up to 225 min. talk time, 132 hours standby.	40.00 0.2 0.09	29.18 28.86 28.22

Face Plates [311-10]

FPF Fun Friends

417318 425345 440370

441386 454305 472388

474325 481374 482389 486359

488341 490397 491340

499325

Fun Friends are leading the way with adorable characters that new attitude to these otherwise dull products. Fun Friends a perfect match for all who enjoy plush characters ranging fron Funky the Monkey to Tadpole our Lime Green Frog.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW **417318** 1 EACH	funphonefriend.com A-05 30 days	Fun Friends phone cover. Tapole Frog	15.00 0.32 0.15	6. 5. 5.
NEW **425345** 1 EACH	funphonefriend.com A-01 30days	FunFriends phone cover. Bully-Bulldog	15.00 0.32 0.15	6. 5. 5.
NEW **440370** 1 EACH	funphonefriend.com A-22 30 days	Fun Friends Funky- Monkey	15.00 0.32 0.15	6. 5. 5.
NEW **441386** 1 EACH	funphonefriend.com A-3 30 days	Fun Friends phone covers. Floppy Reg	15.00 0.32 0.15	6. 5. 5.
NEW **454305** 1 EACH	funphonefriend.com A-19 30 days	FunFriends phone cover. ALI- Aligator	15.00 0.32 0.15	6. 5. 5.
NEW **472388** 1 EACH	funphonefriend.com A-17 30 days	FunFriends phone cover. Beary- Lavender Bear	15.00 0.32 0.15	6. 5. 5.
NEW **474325** 1 EACH	funphonefriend.com A-27 30 days	Fun Friends phone cover. Santa	15.00 0.32 0.15	6. 5. 5.
NEW **481374** 1 EACH	funphonefriend.com A-15 30 days	Fun Friends phone covers. Dangles- Dog Hanging Legs	15.00 0.32 0.15	6. 5. 5.
NEW **482389** 1 EACH	funphonefriend.com A-24 30 days	Fun Friends phone covers. Munchie- Manatee	15.00 0.32 0.15	6. 5. 5.
NEW **486359** 1 EACH	funphonefriend.com A-10 30 days	Fun Friends phone covers. Kit Kat- Cat	15.00 0.32 0.15	6. 5. 5.
NEW **488341** 1 EACH	funphonefriend.com A-7 30 days	Fun Friends phone cover. Larry -Lobster	15 00 0.32 0.15	6. 5. 5.
NEW **490397** 1 EACH	funphonefriend.com A-21 30 days	Fun Friends phone covers. Cheeser- Mouse	15.00 0.32 0.15	6. 5. 5.
NEW **491340** 1 EACH	funphonefriend.com A-09 30 days	Fun Friends phone covers. Oinky- Pig	15.00 0.32 0.15	6. 5. 5.

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g product table (2 of 2)

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
funphonefriend.com A-20 30 days	Fun Friends phone covers. Moo Moo- Cow	15.00 0.32 0.15	6.50 5.75 5.21

Chargers, Desk Top, Travel [305-60]

era Dualport Desktop Chargers

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Qualcomm/Kyocera TXDTC0D011 1 Year	Dual-port desktop charger. Includes AC adapter.	52.80 0.4 0.18	37.91 37.49 36.65

era Travel Chargers

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Qualcomm/Kyocera TXTVL10010 1 Year	Rapid Travel Charger	16.00 0.2 0.09	11.95 11.82 11.57
Qualcomm/Kyocera TAACA0201 1 Year	A/C Adapter for Desk Top Charger. Bulk packaged.	3.00 0.2 0.09	2.16 2.13 2.09

Cases for Portable Cellular Phones [310-10]

era OEM Leather Cases

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Qualcomm/Kyocera TXLCC10001 1 Year	Leather Case Black	5.60 0.35 0.16	4.49 4.44 4.35

Nite Ize Holsters

437345

The Stand-Up Phone Holster provides the ultimate in protection and usability for your phone. Durable Ballistic nylon protects from moisture and scratches, and a secure holstering mechanism ensures your phone will never leave your belt unintentionally

- Available in three sizes: small, medium and large. Elastic sides expand to accomodate various phones
- Multiple pockets hold accessories
- Bendable metal frame stands, hangs or attaches to holster and provides a hands-free workstation
- Security snap attaches securely to belt
- Open-ended design for CLA's, headset or other phone accessories

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 437345 1 EACH	Nite Ize SUMP-07-01 2 years	Medium holster. Phone must fit into 5 1/2L" x 3 1/8"W x 1 1/4D" pocket.	28.25 0.15 0.07	14.68 14.34 14.11

Nite Ize Protective Case

422375 424372 467363 482355

Boxit mobile phone case provides the ultimate protection for any environment.

- Molded polyurethane front and polycarbonate back protects phone from moisture, dirt, dust, and shock. Floats too!
- Includes two different lids to accomodate nearly every phone. Antenna extensions and plugs are included for nearly every style antenna.
- Hear and talk through flexible transparent face while a special waterproof Gore audio membrane enhances audibility and guarantees effective sound transmission
- Operates from -40F to +140F. Approved to IP45 and IP65

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 422375 1 EACH	Nite Ize NBX-07-01 2 years	BOXIT universal phone case. Onyx color	46.20 0.15 0.07	24.01 23.47 23.09
NEW 424372 1 EACH	Nite Ize NBX-07-04 2 years	BOXIT universal phone case. Crystal color.	46.20 0.15 0.07	24.01 23.47 23.09
NEW 467363 1 EACH	Nite Ize NBX-07-28 2 years	BOXIT universal phone case. Citron color.	46.20 0.15 0.07	24.01 23.47 23.09
NEW 482355 1 EACH	Nite Ize NBX-07-03 2 years	BOXIT universal phone case. Aqua color.	46.20 0.15 0.07	24.01 23.47 23.09

Waterproof Cases, Belt Clips [310-60]

Kyocera Belt Clips

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 417196 1 EACH	Qualcomm/Kyocera TXLCC0E01 1 year	Belt Clip Assembly Black	3.60 0.35 0.16	3.05 3.02 2.96

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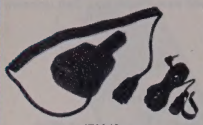
Hands Free Kits, Mics, Headsets [262-09]

Kyocera Hands Free Car Kits



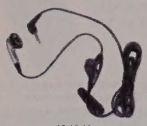
470048

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
470048 I EACH	Qualcomm/Kyocera TXCKT00721 I Year	Portable hands free car kit.	60.00 I 0.45	43.54 43.06 42.10
NEW **453163** I EACH	Qualcomm/Kyocera TXCKT0E011 I Year	HandsFree Car Kit with TNC antenna port	268.80 2.13 0.97	193.00 190.85 186.55

Headsets [262-10]

Kyocera Headsets



484040

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
484040 I EACH	Qualcomm/Kyocera TXCKT073 I Year	Synertek headset	7.80 0.25 0.11	6.06 6.00 5.88

Retractable/Replacement Antennas [385-65]

Kyocera Replacement Antennas

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **417317** I EACH	Qualcomm/Kyocera TXANT10001	Replacement antenna	10.00 0.1 0.05	7.18 7.10 6.94

Compatible Phone Model

Kyocera 2345

If you do not see your pho model listed, please c 800-955-9997.

Batteries for Portable Phones [270-10]

Kyocera OEM Batteries

445064

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of phones, satisfying the most demanding customer. You can trust the high qua and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)
445064 I EACH	Qualcomm/Kyocera TXBAT00811 I Year	Replacement Battery Black 900 mAh Lilo Up to 225 min. talk time, 132 hours standby.	40.00 0.2 0.09

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Face Plates [311-10]

Fun Friends

Fun Friends are leading the way with adorable characters that give new attitude to these otherwise dull products. Fun Friends are a perfect match for all who enjoy plush characters ranging from Funky the Monkey to Tadpole our Lime Green Frog.

ng product table (1 of 2)

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
/ 8 H	funphonefriend.com A-05 30 days	Fun Friends phone cover. Tapole Frog	15.00 0.32 0.15	6.50 5.75 5.21
/ 5 H	funphonefriend.com A-01 30days	FunFriends phone cover. Bully-Bulldog	15.00 0.32 0.15	6.50 5.75 5.21
/ 0 H	funphonefriend.com A-22 30 days	Fun Friends Funky- Monkey	15.00 0.32 0.15	6.50 5.75 5.21
/ 6 H	funphonefriend.com A-3 30 days	Fun Friends phone covers. Floppy Reg	15.00 0.32 0.15	6.50 5.75 5.21
/ 5 H	funphonefriend.com A-19 30 days	FunFriends phone cover. ALI- Aligator	15.00 0.32 0.15	6.50 5.75 5.21
8 H	funphonefriend.com A-17 30 days	FunFriends phone cover. Beary- Lavender Bear	15.00 0.32 0.15	6.50 5.75 5.21
5 H	funphonefriend.com A-27 30 days	Fun Friends phone cover. Santa	15.00 0.32 0.15	6.50 5.75 5.21
4 H	funphonefriend.com A-15 30 days	Fun Friends phone covers. Dangles- Dog Hanging Legs	15.00 0.32 0.15	6.50 5.75 5.21
9 H	funphonefriend.com A-24 30 days	Fun Friends phone covers. Munchie- Manatee	15.00 0.32 0.15	6.50 5.75 5.21
9 H	funphonefriend.com A-10 30 days	Fun Friends phone covers. Kit Kat- Cat	15.00 0.32 0.15	6.50 5.75 5.21
1 H	funphonefriend.com A-7 30 days	Fun Friends phone cover. Larry -Lobster	15.00 0.32 0.15	6.50 5.75 5.21
7 H	funphonefriend.com A-21 30 days	Fun Friends phone covers. Cheeser- Mouse	15.00 0.32 0.15	6.50 5.75 5.21
0 H	funphonefriend.com A-09 30 days	Fun Friends phone covers. Oinky- Pig	15.00 0.32 0.15	6.50 5.75 5.21

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 499325 1 EACH	funphonefriend.com A-20 30 days	Fun Friends phone covers. Moo Moo- Cow	15.00 0.32 0.15	6.50 5.75 5.21

Chargers, Desk Top, Travel [305-60]

Kyocera Dualport Desktop Chargers

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 438163 1 EACH	Qualcomm/Kyocera TXDTC0D011 1 Year	Dual-port desktop charger. Includes AC adapter.	52.80 0.4 0.18	37.91 37.49 36.65

Kyocera Travel Chargers

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 434380 1 EACH	Qualcomm/Kyocera TXTVL10010 1 Year	Rapid Travel Charger	16.00 0.2 0.09	11.95 11.82 11.57
NEW 436186 1 EACH	Qualcomm/Kyocera TAACA0201 1 Year	A/C Adapter for Desk Top Charger. Bulk packaged.	3.00 0.2 0.09	2.16 2.13 2.09

Cases for Portable Cellular Phones [310-10]

Kyocera OEM Leather Cases

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 480198 1 EACH	Qualcomm/Kyocera TXLCC10001 1 Year	Leather Case Black	5.60 0.35 0.16	4.49 4.44 4.35

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Kyocera 2345

Nite Ize Holsters

437345

The Stand-Up Phone Holster provides the ultimate in protection and usability for your phone. Durable Ballistic nylon protects from moisture and scratches, and a secure holstering mechanism ensures your phone will never leave your belt unintentionally

- Available in three sizes: small, medium and large. Elastic sides expand to accomodate various phones
- Multiple pockets hold accessories
- Bendable metal frame stands, hangs or attaches to holster and provides a hands-free workstation
- Security snap attaches securely to belt
- Open-ended design for CLA's, headset or other phone accessories

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Nite Ize	Medium holster. Phone must fit into 5 1/2L" x 3 1/8"W	28.25	14.68
437345	SUMP-07-01	x 1 1/4D" pocket.	0.15	14.34
1 EACH	2 years		0.07	14.11

Nite Ize Protective Case

422375 424372 467363 482355

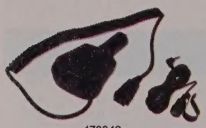
Boxit mobile phone case provides the ultimate protection for any environment.

- Molded polyurethane front and polycarbonate back protects phone from moisture, dirt, dust, and shock. Floats too!
- Includes two different lids to accomodate nearly every phone. Antenna extensions and plugs are included for nearly every style antenna.
- Hear and talk through flexible transparent face while a special waterproof Gore audio membrane enhances audibility and guarantees effective sound transmission
- Operates from -40F to +140F. Approved to IP45 and IP65

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Nite Ize	BOXIT universal phone case. Onyx color	46.20	24.01
422375	NBX-07-01		0.15	23.47
1 EACH	2 years		0.07	23.09
NEW	Nite Ize	BOXIT universal phone case. Crystal color.	46.20	24.01
424372	NBX-07-04		0.15	23.47
1 EACH	2 years		0.07	23.09
NEW	Nite Ize	BOXIT universal phone case. Citron color.	46.20	24.01
467363	NBX-07-28		0.15	23.47
1 EACH	2 years		0.07	23.09
NEW	Nite Ize	BOXIT universal phone case. Aqua color.	46.20	24.01
482355	NBX-07-03		0.15	23.47
1 EACH	2 years		0.07	23.09

Hands Free Kits, Mics, Headsets [262-09]

Kyocera Hands Free Car Kits



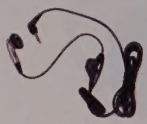
470048

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
470048	Qualcomm/Kyocera	Portable hands free car kit.	60.00	43.54
1 EACH	TXCKT00721		1	43.06
	1 Year		0.45	42.10

Headsets [262-10]

Kyocera Headsets



484040

Original accessories... "from the people that made your phone(TM OEMs design and manufacture accessories to match the specific re ments of their phones, satisfying the most demanding customer. Yo trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
484040	Qualcomm/Kyocera	Synertek headset	7.80
1 EACH	TXCKT073		0.25
	1 Year		0.11

Data Interfaces for Portable Phones [260-12]

Data Connectivity Kit

473084

The Connectivity Toolkit helps you manage your phone numbers tacts) from your desktop. Use the Connectivity Toolkit to change information in a contact including names, phone numbers, email addresses, and Internet addresses. When your changes are ready, s them with your phone using the included data cable. The Connect Toolkit also has a Phone Monitor application that allows you to se phone's display on your computer and control phone functions usi keyboard. The Connectivity Toolkit runs in, Windows 95 (OSR2 an higher), Windows 98, Windows NT and Windows 2000.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
473084	Qualcomm/Kyocera	Data Connectivity Tool Kit	50.00
1 EACH	TXDTA10020		0.5
	1 Year		0.23

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Compatible Phone Models:

Kyocera 5135

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

ocera OEM Batteries

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

No. Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 356 CH	Qualcomm/Kyocera TXBAT10003	Std battery for 5135 Lilo	50.40 0.2 0.09	36.65 36.25 35.44

Vehicle Power Adapters [275-10]

ocera (OEM) Vehicle Power Adapters

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 70 CH	Qualcomm/Kyocera TXCLA10003 1 yr	Car power adapter.	9.00 0.2 0.09	8.22 7.96 7.72

Face Plates [311-10]

Fun Friends

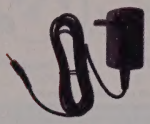
52 474325 498359

Fun Friends are leading the way with adorable characters that give new attitude to these otherwise dull products. Fun Friends are a perfect match for all who enjoy plush characters ranging from Funky the Monkey to Tadpole our Lime Green Frog.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 52 CH	funphonefriend.com A-25 30 days	FunFriends phone cover. Daisy Flip- Jean	15.00 0.32 0.15	6.50 5.75 5.21
W 25 CH	funphonefriend.com A-27 30 days	Fun Friends phone cover. Santa	15.00 0.32 0.15	6.50 5.75 5.21
W 59 CH	funphonefriend.com A-4 30 days	Fun Friends, Floppy flip-Golden Dog phone cover.	15.00 0.32 0.15	6.50 5.75 5.21

Chargers, Desk Top, Travel [305-60]

Kyocera Travel Chargers



Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 434380 1 EACH	Qualcomm/Kyocera TXTVL10010 1 Year	Rapid Travel Charger	16.00 0.2 0.09	11.95 11.82 11.57

Kyocera Travel Chargers

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 435325 1 EACH	Qualcomm/Kyocera TXTVL10009	Travel charger	15.00 0.2 0.09	11.23 11.11 10.87

Wireless Solutions AC/DC Charger

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 437306 1 EACH	Wireless Solutions TWALL5135 1 year	Western Wireless Standard Travel Charger for the Kyocera 5135 phone.	3.00 0.25 0.11	3.50 3.50 3.50
NEW 479317 1 EACH	Wireless Solutions TWALL5135 1 year	Standard Travel Charger for the Kyocera 5135 phone.	3.00 0.25 0.11	3.50 3.50 3.50

Cases for Portable Cellular Phones [310-10]

Kyocera Holster

KYOCERA

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 495333 1 EACH	Qualcomm/Kyocera TXLCC10015	Holster for Kyocera 5135. Translucent blue	4.80 0.11 0.05	3.91 3.87 3.80

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Kyocera 5135

Wireless Solutions Cases

498364

- High quality leather
- Nylon stitching
- Leather covered rust resistant spring clip
- Mylar plastic that will not yellow or crack
- Environmentally tested to ensure durability
- Attractive retail packaging that promotes self selectionand consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 498364 1 EACH	Wireless Solutions 453338 Limited Lifetime	Leather Case with vinyl over the LCD only. Includes swivel belt clip. Black	11.60 0.3 0.14	7.50 6.87 6.30

Nite Ize Holsters

437345

The Stand-Up Phone Holster provides the ultimate in protection and usability for your phone. Durable Ballistic nylon protects from moisture and scratches, and a secure holstering mechanism ensures your phone will never leave your belt unintentionally

- Available in three sizes: small, medium and large. Elastic sides expand to accomodate various phones
- Multiple pockets hold accessories
- Bendable metal frame stands, hangs or attaches to holster and provides a hands-free workstation
- Security snap attaches securely to belt
- Open-ended design for CLA's, headset or other phone accessories

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 437345 1 EACH	Nite Ize SUMP-07-01 2 years	Medium holster. Phone must fit into 5 1/2L" x 3 1/8"W x 1 1/4D" pocket.	28.25 0.15 0.07	14.68 14.34 14.11

Nite Ize Protective Case

422375 424372 467363 482355

Boxit mobile phone case provides the ultimate protection for any environment.

- Molded polyurethane front and polycarbonate back protects phone from moisture, dirt, dust, and shock. Floats too!
- Includes two different lids to accomodate nearly every phone. Antenna extensions and plugs are included for nearly every style antenna.
- Hear and talk through flexible transparent face while a special waterproof Gore audio membrane enhances audibility and guarantees effective sound transmission
- Operates from -40F to +140F. Approved to IP45 and IP65

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 422375 1 EACH	Nite Ize NBX-07-01 2 years	BOXIT universal phone case. Onyx color	46.20 0.15 0.07	24.01 23.47 23.09
NEW 424372 1 EACH	Nite Ize NBX-07-04 2 years	BOXIT universal phone case. Crystal color.	46.20 0.15 0.07	24.01 23.47 23.09
NEW 467363 1 EACH	Nite Ize NBX-07-28 2 years	BOXIT universal phone case. Citron color.	46.20 0.15 0.07	24.01 23.47 23.09
NEW 482355 1 EACH	Nite Ize NBX-07-03 2 years	BOXIT universal phone case. Aqua color.	46.20 0.15 0.07	24.01 23.47 23.09

Waterproof Cases, Belt Clips [310-60]

Wireless Solutions Beltclips

30754

Belt clips designed to conveniently snap onto the phone to securely hold it in place. Holds the phone without the need for a leather carry case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
30754 1 EACH	Wireless Solutions 30754 Lifetime	Universal Belt Clip includes three different swivels with 3M adhesive. Black	6.80 0.18 0.08	4. 3. 3.

Hands Free Kits, Mics, Headsets [262-09]

Portable Handsfree Kit

Ericsson HF6100 portable handfree kit. No installation required. Plugs into cigarette lighter socket. Powers the phone and charges the battery. Includes phone mount bracket that attaches to vehicle with tape or screws (incl accept the phone's belt clip in order to hang the phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 458341 1 EACH	Qualcomm/Kyocera TXCKT10006	Portable HF kit	72.00 0.25 0.11	51 51 49.

Headsets [262-10]

Bluetooth Headsets

435389

The Motorola Bluetooth headset provides a cordless connection to yo mobile phone. Carry on handsfree conversation without the restrictio a cord.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 435389 1 EACH	Jabra Corporation 100-91030000-02 1 Year	Freespeak Bluetooth Headset with 2.5mm headset jack.	179.95 0.45 0.2	143 123 114

Kyocera Headsets

484040

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific req ments of their phones, satisfying the most demanding customer. You trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
484040 1 EACH	Qualcomm/Kyocera TXCKT073 1 Year	Synertek headset	7.80 0.25 0.11	6. 6. 5.

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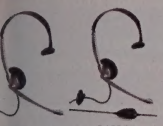
ntronics Over-The-Head Headsets



36909 36926

All Plantronics over-the-head wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
09 CH	Plantronics M110 1 Year	Flexible headband on this over-the-head headset provides stability and comfort.	24.20 0.4 0.18	16.06 12.59 12.08
26 CH	Plantronics M114 1 Year	Flexible headband on this over-the-head style headset provides stability and comfort. Includes in-line volume control.	26.80 0.4 0.18	17.80 13.95 13.39

ntronics Over-The-Ear Headsets

54 36981 32055 497082

lantronics over-the-ear wireless phone headsets feature a noise-cancelling microphone, RF e shielded cable, advanced speaker technology, microphone-adjust switch and a clothing Available in a standard 2.5mm plug or hard-wired for specific Nokia phones.

No. nn	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
4 CH	Plantronics M120 1 Year	Lightweight comfort in an over-the-ear style headset.	24.20 0.25 0.11	16.06 12.59 12.08
1 H	Plantronics M124 1 Year	Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80 0.24 0.11	17.80 13.95 13.39
5 H	Plantronics M130 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic-blue, blurple color.	29.50 0.22 0.1	19.59 15.36 14.73
74 H	Plantronics M135/BLUE 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, blurple color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55
32 H	Plantronics M135/ESPRESSO 1 Year	Superior comfort and sleek design in this over-the-ear headset. Espresso color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55

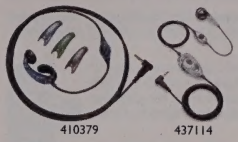
tronics In-The-Ear Headsets

37000 37004

All Plantronics in-the-ear boom-style wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
0 H	Plantronics M140/CHARCOAL 1 Year	Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11	24.31 19.06 18.28
2 H	Plantronics M140/SILVER 1 Year	Ultra-light comfort with this in-the-ear style headset. Silver color.	36.60 0.25 0.11	24.31 19.06 18.28
4 H	Plantronics M145 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11	28.22 22.12 21.22

Plantronics Discreet Earbud Headsets

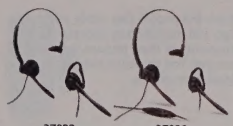


410379 437114

All Plantronics earbud headsets for wireless phones feature Flexfit(TM) design for increased stability, RF noise shielded cable, advanced speaker technology, and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **410379** 1 EACH	Plantronics MX100 1 Year	Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19.59 15.36 14.73
437114 1 EACH	Plantronics M205 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09	19.59 15.36 14.73

Plantronics Convertible Headsets



37022 37030

All Plantronics convertible style wireless phone headsets feature a noise-canceling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37022 1 EACH	Plantronics M170 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18	31.25 24.50 23.50
37030 1 EACH	Plantronics M175 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22	35.16 27.57 26.44

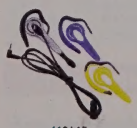
Plantronics Cordless Headsets

467353

Cut the Cord(TM) with Bluetooth(TM) wireless headsets from Plantronics. All Plantronics over-the-ear cordless headsets feature an adjustable noice cancelling microphone, volume/mute control and answer/end button. High-capacity rechargeable batteries provide up to 2.5 hours of talk time and 60 hours of standby.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **467353** 1 EACH	Plantronics M1500 BLUE-TOOTH 1 Year	Bluetooth headset. Over-the-ear style with answer/end button and volume/mute control. Includes Bluetooth adapter, AC adapter and rechargeable battery. Bluetooth version 1.1.	250.70 0.25 0.11	166.67 130.67 125.34

Wireless Solutions 2.5mm Earwrap



460165

The Wireless Solutions EarWrap: noise-canceling mic, sleek, lightweight design, colorful accessories. Choose from snap-on boom covers and flex-forming ear wraps in sleek tones of silver, blue and yellow.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
460165 1 EACH	Wireless Solutions 466053U Lifetime	Earwrap with colored faceplates and 2.5mm connector.	27.50 0.4 0.18	16.17 14.25 13.97

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Kyocera 6035 SmartPhone

Wireless Solutions EarBoom Headset

424099

Wireless Solutions In The Ear headset features a boom mic. Comfortable. Provide good mic sound as well as in the ear speaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
424099	Wireless Solutions	Earboom Headset with 2.5mm jack. Includes six eargels.	31.00	13.31
1 EACH	484028U		0.3	11.32
	Lifetime		0.14	9.31

Portable Cellular Phone Accessory Kit [262-50]

Kyocera Combo Kits

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Qualcomm/Kyocera	Combo Kit. Includes vehicle power adapter and fitted	13.80	11.67
465318	416356/485362	leather case with swivel clip.	0.5	11.37
1 EACH	1 Year		0.23	11.06

Retractable/Replacement Antennas [385-65]

Kyocera Replacement Antennas

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Qualcomm/Kyocera		10.00	7.18
495308	TXANT10003	Replacement antenna for the 5135 phone. (Opal)	0.1	7.10
1 EACH			0.05	6.94

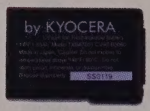
Compatible Phone Model

Kyocera 6035
Kyocera SMARTPHONE

If you do not see your pho model listed, please ca 800-955-9997.

Batteries for Portable Phones [270-10]

Kyocera OEM Batteries

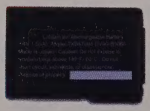


430040

Original accessories... "from the people that made your phone(T OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding cust You can trust the high quality and performance of original access

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T
430040	Qualcomm/Kyocera	Standard Battery	60.00	4
1 EACH	TXBAT00911	Lilo 4.5 hours CDMA TT/110 hours CDMA ST	0.25	4
	1 Year		0.11	4

Wireless Solutions Batteries



415127

- High Quality, Great Value
- Available with merchandising system that drives multiple and repeat purchases to improve over profitability
- Attractive retail packaging that promotes self selection and consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T
415127	Wireless Solutions	Replacement Battery Black	30.55	2
1 EACH	473187U	1400mah Lilo 2 to 4 hours DTT/4 to 7 days DST	0.4	1
	Lifetime		0.18	1

Vehicle Power Adapters [275-10]

Kyocera (OEM) Vehicle Power Adapters

450024

Original accessories... "from the people that made your phone(TM OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding custo You can trust the high quality and performance of original accesso

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
450024	Qualcomm/Kyocera	Vehicle Power Adapter. Retail Packaged.	10.00	7
1 EACH	TXCLA00911		0.5	7
	1 Year		0.23	7

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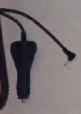
eless Solutions Vehicle Power Adapter



Wireless Solutions Vehicle adapters are a great value, and high quality. Quality tested cable returns to original shape after multiple stretches. Attractive retail packaging.

453033

- ble rate charging for safety & convenience (no charging)
- gh current to make a call with a discharged bat-
- Attractive retail packaging that promotes self selection and consumer education
- Available with revolutionary merchandising system that drives multiple and repeat purchase to improve overall profitability

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
33 CH	Wireless Solutions 435011U Lifetime	Vehicle Power Adapter. Retail Packaged.	23.00 0.3 0.14	7.24 5.91 4.60

Chargers, Desk Top, Travel [305-60]

cera Desktop Chargers

444010

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
10 H	Qualcomm/Kyocera TXDTC00911 1 Year	Desktop charger kit with RS 232 cable for conn to computer. Use OEM charging cable included with phone at purchase.	83.00 0.55 0.25	59.60 58.93 57.61

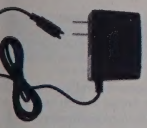
cera Travel Chargers

032

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
2 H	Qualcomm/Kyocera TXTVL00911 1 Year	Rapid Travel Charger	18.00 0.34 0.15	12.93 12.78 12.50

eless Solutions Travel Charger



nto any 110 volt outlet

ur phone while it is charging

s "lite" batteries up to 90% capacity in about s

- Charges extra capacity batteries in about 10-12 hours
- Attractive retail packaging that promotes self selection and consumer education

. n	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
2 H	Wireless Solutions 479006U Lifetime	Rapid Travel Charger	14.50 0.4 0.18	10.31 8.30 6.30

Cases for Portable Cellular Phones [310-10]

Kyocera OEM Leather Cases

412170

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
412170 1 EACH	Qualcomm/Kyocera TXLCC0094 1 Year	Leather Case. Retail packaged. Black	14.00 0.25 0.11	10.52 10.40 10.18

Wireless Solutions Cases

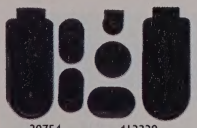
494027

- High quality leather
- Nylon stitching
- Leather covered rust resistant spring clip
- Mylar plastic that will not yellow or crack
- Environmentally tested to ensure durability
- Attractive retail packaging that promotes self selectionand consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
494027 1 EACH	Wireless Solutions 430045U Lifetime	Leather case with built-in swivel and belt clip. Vinyl over LCD only. Retail packaged. Black	11.60 0.3 0.14	7.50 6.87 6.30

Waterproof Cases, Belt Clips [310-60]

Wireless Solutions Beltclips



30754 413338

Belt clips designed to conveniently snap onto the phone to securely hold it in place. Holds the phone without the need for a leather carry case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30754 1 EACH	Wireless Solutions 30754 Lifetime	Universal Belt Clip includes three different swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21
NEW 413338 1 EACH	Wireless Solutions 458379U Lifetime	Universal Belt Clip includes two swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21

Hands Free Kits, Mics, Headsets [262-09]

Kyocera Hands Free Car Kits

470048

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
470048 1 EACH	Qualcomm/Kyocera TXCKT00721 1 Year	Portable hands free car kit.	60.00 1 0.45	43.54 43.06 42.10

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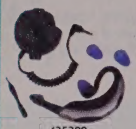
Headsets [262-10]

Bluetooth Headsets



435389

The Motorola Bluetooth headset provides a cordless connection to your mobile phone. Carry on handsfree conversation without the restriction of a cord.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 435389 1 EACH	Jabra Corporation 100-91030000-02 1 Year	Freespeak Bluetooth Headset with 2.5mm headset jack.	179.95 0.45 0.2	143.06 123.09 114.99

Jabra In-the-Ear Headset

The JABRA Corporation's headset features an innovative all-in-the-ear speaker and microphone. Built-in noise reduction technology for clear transmissions. Totally portable and digital-ready. Four-foot cable, six EarGels and standard 2.5 mm plug for direct connection to mobile phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
65303 1 EACH	Jabra Corporation ES2.5MM302 1 year	Earset with six comfort ear-gels. Fits any phone with a 2.5mm jack.	31.35 0.15 0.07	17.86 15.67 15.36

Jabra EarBoom Headset

413032

"Fits-your-face," flexible mini-boom is comfortable and non-intrusive. For those who need to talk and listen "on the move." The custom-fit EarGel channels sound into your ear for great reception.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
413032 1 EACH	Jabra Corporation EM2.5MM302 1 year	EarBoom with Universal 2.5mm Connector	24.95 0.3 0.14	14.23 12.48 12.23

Jabra EarBud Headset

481060

The JABRA EarBud is the most cost-effective, JABRA solution for mobile phone users wanting a hands-free alternative at a value price. The JABRA EarBud uses the patented EarGel for a secure fit and contemporary styling. Unlike the EarSet and Ear Boom solutions, the EarBud integrates the microphone as part of the cable leading from the ear to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
481060 1 EACH	Jabra Corporation EB2.5MM302 1 Year	2.5mm EarBud with three EarGels	19.95 0.25 0.11	11.38 9.98 9.78

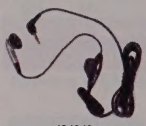
Jabra EarWrap Headset

411070

The JABRA EarWrap: noise-canceling mic, sleek, lightweight design, c ful accessories. Choose from snap-on boom covers and flex-forming wraps in sleek tones of silver, blue and yellow.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
411070 1 EACH	Jabra Corporation EW2.5MM402 1 Year	EarWrap with 2.5mm Universal connector, 3 color face-plates and 3 conforming earhooks.	29.95 0.25 0.11	

Kyocera Headsets

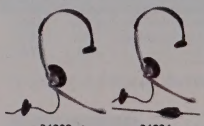


484040

Original accessories... "from the people that made your phone(TM OEMs design and manufacture accessories to match the specific re ments of their phones, satisfying the most demanding customer. Yo trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
484040 1 EACH	Qualcomm/Kyocera TXCKT073 1 Year	Synertek headset	7.80 0.25 0.11	

Plantronics Over-The-Head Headsets



36909 36926

All Plantronics over-the-head wireless phone headsets fe a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch clothing clip. The 2.5mm plug connects directly into the h set port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
36909 1 EACH	Plantronics M110 1 Year	Flexible headband on this over-the-head headset provides stability and comfort.	24.20 0.4 0.18	
36926 1 EACH	Plantronics M114 1 Year	Flexible headband on this over-the-head style headset provides stability and comfort. Includes in-line volume control.	26.80 0.4 0.18	

Plantronics Over-The-Ear Headsets

36954 36981 32055 497082

All Plantronics over-the-ear wireless phone headsets feature a noise-cancelling microphon noise shielded cable, advanced speaker technology, microphone-adjust switch and a cloth clip. Available in a standard 2.5mm plug or hard-wired for specific Nokia phones.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
36954 1 EACH	Plantronics M120 1 Year	Lightweight comfort in an over-the-ear style headset.	24.20 0.25 0.11	
36981 1 EACH	Plantronics M124 1 Year	Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80 0.24 0.11	
32055 1 EACH	Plantronics M130 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic-blue, blurple color.	29.50 0.22 0.1	
NEW 433174 1 EACH	Plantronics M135/BLUE 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, blurple color. Includes in-line volume and mute controls.	35.10 0.25 0.11	

TESSCO TECHNOLOGIES®
NORTH AMERICA 800-955-9997
REST OF WORLD +1 410-229-1200
FAX 410-527-0005
WWW.TESSCO.COM
NEW = New Listing. Pricing for reference
See TESSCO.com for latest pricing and pr
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nuing product table (2 of 2)

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
7082 ACH	Plantronics M135/ESPRESSO 1 Year	Superior comfort and sleek design in this over-the-ear headset. Espresso color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55

ntronics In-The-Ear Headsets

37000 37004

All Plantronics in-the-ear boom-style wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
000 ACH	Plantronics M140/CHARCOAL 1 Year	Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11	24.31 19.06 18.28
W 122 ACH	Plantronics M140/SILVER 1 Year	Ultra-light comfort with this in-the-ear style headset. Silver color.	36.60 0.25 0.11	24.31 19.06 18.28
004 ACH	Plantronics M145 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11	28.22 22.12 21.22

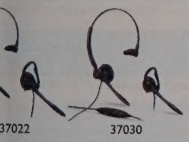
ntronics Discreet Earbud Headsets

410379 437114

All Plantronics earbud headsets for wireless phones feature Flexfit(TM) design for increased stability, RF noise shielded cable, advanced speaker technology, and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 379 ACH	Plantronics MX100 1 Year	Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19.59 15.36 14.73
114 ACH	Plantronics M205 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09	19.59 15.36 14.73

ntronics Convertible Headsets



37022 37030

All Plantronics convertible style wireless phone headsets feature a noise-canceling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
22 ACH	Plantronics M170 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18	31.25 24.50 23.50
30 ACH	Plantronics M175 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22	35.16 27.57 26.44

Plantronics Cordless Headsets

467353

Cut the Cord(TM) with Bluetooth(TM) wireless headsets from Plantronics. All Plantronics over-the-ear cordless headsets feature an adjustable noice cancelling microphone, volume/mute control and answer/end button. High-capacity rechargeable batteries provide up to 2.5 hours of talk time and 60 hours of standby.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **467353** 1 EACH	Plantronics M1500 BLUE-TOOTH 1 Year	Bluetooth headset. Over-the-ear style with answer/end button and volume/mute control. Includes Bluetooth adapter, AC adapter and rechargeable battery. Bluetooth version 1.1.	250.70 0.25 0.11	166.67 130.67 125.34

Wireless Solutions 2.5mm Earwrap

460165

The Wireless Solutions EarWrap: noise-canceling mic, sleek, lightweight design, colorful accessories. Choose from snap-on boom covers and flex-forming ear wraps in sleek tones of silver, blue and yellow.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
460165 1 EACH	Wireless Solutions 466053U Lifetime	Earwrap with colored faceplates and 2.5mm connector.	27.50 0.4 0.18	16.17 14.25 13.97

Wireless Solutions EarBoom Headset

424099

Wireless Solutions In The Ear headset features a boom mic. Comfortable. Provide good mic sound as well as in the ear speaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
424099 1 EACH	Wireless Solutions 484028U Lifetime	Earboom Headset with 2.5mm jack. Includes six eargels.	31.00 0.3 0.14	13.31 11.32 9.31

Wireless Solutions EarBud Headset

445052

The Wireless Soluitons EarBud is the most cost-effective, solution for mobile phone users wanting a hands-free alternative at a value price. The EarBud integrates the microphone as part of the cable leading from the ear to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
445052 1 EACH	Wireless Solutions 438045U Lifetime	Earbud Headset with 2.5mm jack. Includes six eargels.	27.00 0.3 0.14	12.09 10.09 8.09

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Kyocera 7135

Portable Cellular Phone Accessory Kit [262-50]

Wireless Solutions Starter Kits

472103

- Includes leather case and vehicle power adapter. Wireless Solutions Retail Package.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
472103 1 EACH	Wireless Solutions 435011U Lifetime	Starter Kit - Open face leather case with built in swivel and beltclip, VPA.	33.00 0.5 0.23	13.90 11.92 9.90

Retractable/Replacement Antennas [385-65]

Kyocera Replacement Antennas

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 423381 1 EACH	Qualcomm/Kyocera TXANT00901 1 year	Replacement antenna for the QCP-6035 phone. (T2)	10.00 0.1 0.05	7.18 7.10 6.94

Data Interfaces for Portable Phones [260-12]

Data Connectivity Kit

The Connectivity Toolkit helps you manage your phone numbers (contacts) from your desktop. Use the Connectivity Toolkit to change the information in a contact including names, phone numbers, email addresses, and Internet addresses. When your changes are ready, sync them with your phone using the included data cable. The Connectivity Toolkit also has a Phone Monitor application that allows you to see your phone's display on your computer and control phone functions using the keyboard. The Connectivity Toolkit runs in, Windows 95 (OSR2 and higher), Windows 98, Windows NT and Windows 2000.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 455368 1 EACH	Qualcomm/Kyocera TXDTA10035 1 Year	Data Connectivity Tool Kit includes serial cable and software CD.	50.00 0.5 0.23	35.90 35.50 34.70
NEW 482361 1 EACH	Qualcomm/Kyocera TXDTA10036 1 Year	Data Connectivity Tool Kit includes USB cable and software CD.	50.00 0.5 0.23	40.00 40.00 40.00

Compatible Phone Models:

Kyocera 7135

If you do not see your phon model listed, please cal 800-955-9997.

Batteries for Portable Phones [270-10]

Nokia Portable Phone Batteries

416390

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of t phones, satisfying the most demanding customer. You can trust the high qual and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW 416390 1 EACH	Qualcomm/Kyocera TXBAT10002 1 Year	Standard battery	52.80 0.25 0.11	38. 37. 37.

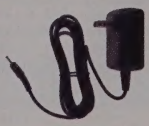
Chargers, Desk Top, Travel [305-60]

Nokia Desk Top Charging Stands

Desktop charging stand for Nokia Cellular phones. Prov a convenient way to charge the phone and connect for d Used with an external power supply (different power sup for fast charging, trickle charging, or automotive charging REQUIRES TRAVEL CHARGER (sold separately).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW 497386 1 EACH	Qualcomm/Kyocera TXDTC10009	Dual port desk top charger for 7135 phones.	95.00 0.3 0.14	68. 67. 65.
NEW 499355 1 EACH	Qualcomm/Kyocera TXDTC10030 1 Year	Holster	95.00 0.15 0.07	68. 67. 66.

Kyocera Travel Chargers



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Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 434380 1 EACH	Qualcomm/Kyocera TXTVL10010 1 Year	Rapid Travel Charger	16.00 0.2 0.09	11 11 11

NEW = New Listing. Pricing for reference See TESSCO.com for latest pricing and pro

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Cases for Portable Cellular Phones [310-10]

ocera OEM Leather Cases

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 193 CH	Qualcomm/Kyocera TXLCC10009	Leather pouch	7.00 0.13 0.06	5.49 5.43 5.32

e Ize Holsters

The Stand-Up Phone Holster provides the ultimate in protection and usability for your phone. Durable Ballistic nylon protects from moisture and scratches, and a secure holstering mechanism ensures your phone will never leave your belt unintentionally

345

able in three sizes: small, medium and large.
ic sides expand to accomodate various phones
ple pockets hold accessories

able metal frame stands, hangs or attaches to
er and provides a hands-free workstation

- Security snap attaches securely to belt
- Open-ended design for CLA's, headset or other phone accessories

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 45 CH	Nite Ize SUMP-07-01 2 years	Medium holster. Phone must fit into 5 1/2L" x 3 1/8"W x 1 1/4D" pocket.	28.25 0.15 0.07	14.68 14.34 14.11

e Ize Protective Case

Boxit mobile phone case provides the ultimate protection for any environment.

75 424372 467363 482355

ed polyurethane front and polycarbonate back
ects phone from moisture, dirt, dust, and shock.
s too!

les two different lids to accomodate nearly
phone. Antenna extensions and plugs are
ded for nearly every style antenna.

- Hear and talk through flexible transparent face while a special waterproof Gore audio membrane enhances audibility and guarantees effective sound transmission
- Operates from -40F to +140F. Approved to IP45 and IP65

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 75 CH	Nite Ize NBX-07-01 2 years	BOXIT universal phone case. Onyx color	46.20 0.15 0.07	24.01 23.47 23.09
W 72 CH	Nite Ize NBX-07-04 2 years	BOXIT universal phone case. Crystal color.	46.20 0.15 0.07	24.01 23.47 23.09
W 63 CH	Nite Ize NBX-07-28 2 years	BOXIT universal phone case. Citron color.	46.20 0.15 0.07	24.01 23.47 23.09
W 55 CH	Nite Ize NBX-07-03 2 years	BOXIT universal phone case. Aqua color.	46.20 0.15 0.07	24.01 23.47 23.09

Waterproof Cases, Belt Clips [310-60]

Wireless Solutions Beltclips

30754

Belt clips designed to conveniently snap onto the phone to securely hold it in place. Holds the phone without the need for a leather carry case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30754 1 EACH	Wireless Solutions 30754 Lifetime	Universal Belt Clip includes three different swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21

Headsets [262-10]

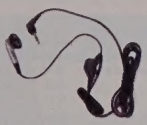
Bluetooth Headsets

435389

The Motorola Bluetooth headset provides a cordless connection to your mobile phone. Carry on handsfree conversation without the restriction of a cord.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 435389 1 EACH	Jabra Corporation 100-91030000-02 1 Year	Freespeak Bluetooth Headset with 2.5mm headset jack.	179.95 0.45 0.2	143.06 123.09 114.99

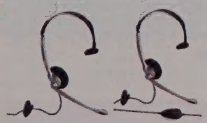
Kyocera Headsets



Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 422372 1 EACH	Qualcomm/Kyocera TXCKT10018	QUM Stereo headset.	12.60 0.22 0.1	9.51 9.41 9.21

Plantronics Over-The-Head Headsets



36909 36926

All Plantronics over-the-head wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36909 1 EACH	Plantronics M110 1 Year	Flexible headband on this over-the-head headset provides stability and comfort.	24.20 0.4 0.18	16.06 12.59 12.08
36926 1 EACH	Plantronics M114 1 Year	Flexible headband on this over-the-head style headset provides stability and comfort. Includes in-line volume control.	26.80 0.4 0.18	17.80 13.95 13.39

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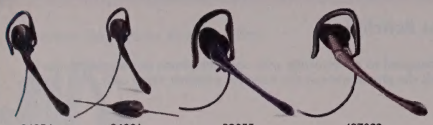
Plantronics Over-The-Ear Headsets

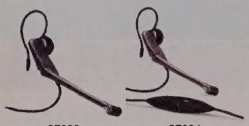


36954 36981 32055 497082

All Plantronics over-the-ear wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hard-wired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36954 1 EACH	Plantronics M120 1 Year	Lightweight comfort in an over-the-ear style headset.	24.20 0.25 0.11	16.06 12.59 12.08
36981 1 EACH	Plantronics M124 1 Year	Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80 0.24 0.11	17.80 13.95 13.39
32055 1 EACH	Plantronics M130 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic-blue, blurple color.	29.50 0.22 0.1	19.59 15.36 14.73
NEW 433174 1 EACH	Plantronics M135/BLUE 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, blurple color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55
497082 1 EACH	Plantronics M135/ESPRESSO 1 Year	Superior comfort and sleek design in this over-the-ear headset. Espresso color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55

Plantronics In-The-Ear Headsets

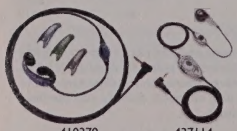


37000 37004

All Plantronics in-the-ear boom-style wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37000 1 EACH	Plantronics M140/CHARCOAL 1 Year	Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11	24.31 19.06 18.28
NEW 467122 1 EACH	Plantronics M140/SILVER 1 Year	Ultra-light comfort with this in-the-ear style headset. Silver color.	36.60 0.25 0.11	24.31 19.06 18.28
37004 1 EACH	Plantronics M145 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11	28.22 22.12 21.22

Plantronics Discreet Earbud Headsets

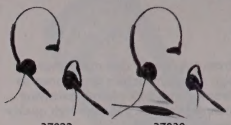


410379 437114

All Plantronics earbud headsets for wireless phones feature Flexfit(TM) design for increased stability, RF noise shielded cable, advanced speaker technology, and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 410379 1 EACH	Plantronics MX100 1 Year	Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19.59 15.36 14.73
437114 1 EACH	Plantronics M205 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09	19.59 15.36 14.73

Plantronics Convertible Headsets



37022 37030

All Plantronics convertible style wireless phone heads feature a noise-canceling microphone, RF noise shield cable, advanced speaker technology, microphone-adju switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
37022 1 EACH	Plantronics M170 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18	31 24 23
37030 1 EACH	Plantronics M175 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22	35 27 26

Plantronics Cordless Headsets

467353

Cut the Cord(TM) with Bluetooth(TM) wireless headsets from Plantronics. Plantronics over-the-ear cordless headsets feature an adjustable noice cance microphone, volume/mute control and answer/end button. High-capacity rechargeable batteries provide up to 2.5 hours of talk time and 60 hours of standby.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 467353 1 EACH	Plantronics M1500 BLUE-TOOTH 1 Year	Bluetooth headset. Over-the-ear style with answer/end button and volume/mute control. Includes Bluetooth adapter, AC adapter and rechargeable battery. Bluetooth version 1.1.	250.70 0.25 0.11	166 130 125

Data Interfaces for Portable Phones [260-12]

Kyocera USB Cables

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 433383 1 EACH	Qualcomm/Kyocera TXDTA10011 1 year	True USB data cable for 7135.	28.80 0.22 0.1	21 20 20

Data Connectivity Kit

The Connectivity Toolkit helps you manage your phone n bers (contacts) from your desktop. Use the Connectivity Toolkit to change the information in a contact including names, phone numbers, email addresses, and Internet addresses. When your changes are ready, sync them with your phone using the included data cable. The Connectiv Toolkit also has a Phone Monitor application that allows to see your phone's display on your computer and contr phone functions using the keyboard. The Connectivity To runs in, Windows 95 (OSR2 and higher), Windows 98, Windows NT and Windows 2000.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 455368 1 EACH	Qualcomm/Kyocera TXDTA10035 1 Year	Data Connectivity Tool Kit includes serial cable and software CD.	50.00 0.5 0.23	35 35 34
NEW 482361 1 EACH	Qualcomm/Kyocera TXDTA10036 1 Year	Data Connectivity Tool Kit includes USB cable and software CD.	50.00 0.5 0.23	40 40 40

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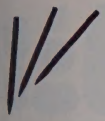
cera Replacement Styli



o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
/ 39 H	Qualcomm/Kyocera TXHDW10007 1 year	Stylus for 7135 phone.	3.00 0.1 0.05	2.16 2.13 2.09

cera Data Cables

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
/ 16 H	Qualcomm/Kyocera TXDTA10018 1 Year	Data cable with molex 2.5 mm connector.	30.00 0.2 0.09	22.00 21.76 21.28

Compatible Phone Models:

Qualcomm QCP 3035

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

Kyocera OEM Batteries

459023 485057

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
459023 1 EACH	Qualcomm/Kyocera TXBAT00A11 1 Year	Replacement Battery Black 1400mah LiIo Up to 315 min. talk time, 300 hrs. standby.	70.00 0.2 0.09	50.72 50.16 49.04
485057 1 EACH	Qualcomm/Kyocera TXBAT00A21 1 Year	Replacement Battery Black Up to 210 min. talk time, 200 hrs. standby.	56.00 0.25 0.11	40.67 40.22 39.33

Wireless Solutions Batteries

453154

- High Quality, Great Value
- Attractive retail packaging that promotes self selection and consumer education
- Available with merchandising system that drives multiple and repeat purchases to improve overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
453154 1 EACH	Wireless Solutions 475056U Lifetime	Replacement Battery Black 1400mah LiIo 2 to 4 hours DTT/4 to 7 days DST	30.55 0.4 0.18	21.52 17.51 15.76

Vehicle Power Adapters [275-10]

Kyocera (OEM) Vehicle Power Adapters

450024

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
450024 1 EACH	Qualcomm/Kyocera TXCLA00911 1 Year	Vehicle Power Adapter. Retail Packaged.	10.00 0.5 0.23	7.64 7.56 7.40

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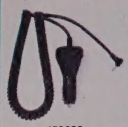
Wireless Solutions Vehicle Power Adapter



453033

Wireless Solutions Vehicle adapters are a great value, and high quality. Quality tested cable returns to original shape after multiple stretches. Attractive retail packaging.

- Variable rate charging for safety & convenience (no overcharging)
- Enough current to make a call with a discharged battery
- Attractive retail packaging that promotes self selection and consumer education
- Available with revolutionary merchandising system that drives multiple and repeat purchase to improve overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
453033	Wireless Solutions	Vehicle Power Adapter. Retail Packaged.	23.00	7.24
1 EACH	435011U		0.3	5.91
	Lifetime		0.14	4.60

Battery Conditioning Units [305-10]

Kyocera Desk Top Chargers

77009

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
77009	Qualcomm/Kyocera	Dual Port Desk Top Charger for the Kyocera QCP3035	63.00	45.24
1 EACH	TXDTC00A11		0.25	44.73
	1 Year		0.11	43.73

Chargers, Desk Top, Travel [305-60]

Kyocera Dualport Desktop Chargers

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Qualcomm/Kyocera	Dual-port desktop charger. Includes AC adapter.	52.80	37.91
438163	TXDTC0D011		0.4	37.49
1 EACH	1 Year		0.18	36.65

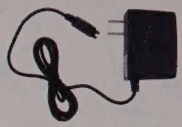
Kyocera Travel Chargers

77032

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
77032	Qualcomm/Kyocera	Rapid Travel Charger	18.00	12.93
1 EACH	TXTVL00911		0.34	12.78
	1 Year		0.15	12.50

Wireless Solutions Travel Charger



- Plugs into any 110 volt outlet
- Use your phone while it is charging
- Charges "lite" batteries up to 90% capacity in about 5 hours
- Charges extra capacity batteries in about 10-12 hours
- Attractive retail packaging that promotes self se tion and consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
447052	Wireless Solutions	Rapid Travel Charger	14.50	1
1 EACH	479006U		0.4	8
	Lifetime		0.18	6

Cases for Portable Cellular Phones [310-10]

Kyocera OEM Leather Cases

456050

Original accessories... "from the people that made your phone(TM)." OEMs desig manufacture accessories to match the specific requirements of their phones, satis the most demanding customer. You can trust the high quality and performance of inal accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
456050	Qualcomm/Kyocera	Fitted Leather case withn swivel clip. Retail packaged.	6.50	5
1 EACH	TXLCC00A21	Black	0.2	5
	1 Year		0.09	4

Wireless Solutions Cases

466042

- High quality leather
- Nylon stitching
- Leather covered rust resistant spring clip
- Mylar plastic that will not yellow or crack
- Environmentally tested to ensure durability
- Attractive retail packaging that promotes self se tionand consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
466042	Wireless Solutions	Leather case with built-in swivel and belt clip. Vinyl over	11.60	7
1 EACH	471025U	LCD only. Retail packaged.	0.3	6
	Lifetime	Black	0.14	8

Waterproof Cases, Belt Clips [310-60]

Kyocera Belt Clips

422063

Original accessories... "from the people that made your phone(TM)." OEMs d and manufacture accessories to match the specific requirements of their pho satisfying the most demanding customer. You can trust the high quality and pe mance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
422063	Qualcomm/Kyocera	Belt Clip Black	6.50	5
1 EACH	TXLCC00A12		0.2	5
	1 Year		0.09	4

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eless Solutions Beltclips

54 413338

Belt clips designed to conveniently snap onto the phone to securely hold it in place. Holds the phone without the need for a leather carry case.

o. m	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
4 H	Wireless Solutions 30754 Lifetime	Universal Belt Clip includes three different swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21
V 38 H	Wireless Solutions 458379U Lifetime	Universal Belt Clip includes two swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21

Hands Free Kits, Mics, Headsets [262-09]

cera Hands Free Car Kits

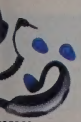
470048 77021

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
18 H	Qualcomm/Kyocera TXCKT00721 1 Year	Portable hands free car kit.	60.00 1 0.45	43.54 43.06 42.10
1 H	Qualcomm/Kyocera TXCKT00A11 1 Year	HandsFree Car Kit	130.00 2 0.91	93.34 92.30 90.22

Headsets [262-10]

tooth Headsets



35389

The Motorola Bluetooth headset provides a cordless connection to your mobile phone. Carry on handsfree conversation without the restriction of a cord.

. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
9 H	Jabra Corporation 100-91030000-02 1 Year	Freespeak Bluetooth Headset with 2.5mm headset jack.	179.95 0.45 0.2	143.06 123.09 114.99

In-the-Ear Headset

The JABRA Corporation's headset features an innovative all-in-the-ear speaker and microphone. Built-in noise reduction technology for clear transmissions. Totally portable and digital-ready. Four-foot cable, six EarGels and standard 2.5 mm plug for direct connection to mobile phone.

. n	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1 H	Jabra Corporation ES2.5MM302 1 year	Earset with six comfort ear-gels. Fits any phone with a 2.5mm jack.	31.35 0.15 0.07	17.86 15.67 15.36

Jabra EarBoom Headset

413032

"Fits-your-face," flexible mini-boom is comfortable and non-intrusive. For those who need to talk and listen "on the move." The custom-fit EarGel channels sound into your ear for great reception.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
413032 1 EACH	Jabra Corporation EM2.5MM302 1 year	EarBoom with Universal 2.5mm Connector	24.95 0.3 0.14	14.23 12.48 12.23

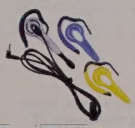
Jabra EarBud Headset

481060

The JABRA EarBud is the most cost-effective, JABRA solution for mobile phone users wanting a hands-free alternative at a value price. The JABRA EarBud uses the patented EarGel for a secure fit and contemporary styling. Unlike the EarSet and Ear Boom solutions, the EarBud integrates the microphone as part of the cable leading from the ear to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
481060 1 EACH	Jabra Corporation EB2.5MM302 1 Year	2.5mm EarBud with three EarGels	19.95 0.25 0.11	11.38 9.98 9.78

Jabra EarWrap Headset

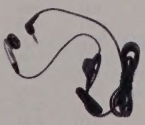


411070

The JABRA EarWrap: noise-canceling mic, sleek, lightweight design, colorful accessories. Choose from snap-on boom covers and flex-forming ear wraps in sleek tones of silver, blue and yellow.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
411070 1 EACH	Jabra Corporation EW2.5MM402 1 Year	EarWrap with 2.5mm Universal connector, 3 color faceplates and 3 conforming earhooks.	29.95 0.25 0.11	17.08 14.98 14.68

Kyocera Headsets

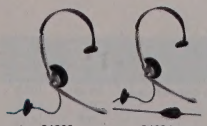


484040

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
484040 1 EACH	Qualcomm/Kyocera TXCKT073 1 Year	Synertek headset	7.80 0.25 0.11	6.06 6.00 5.88

Plantronics Over-The-Head Headsets



36909 36926

All Plantronics over-the-head wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36909 1 EACH	Plantronics M110 1 Year	Flexible headband on this over-the-head headset provides stability and comfort.	24.20 0.4 0.18	16.06 12.59 12.08

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Kyocera QCP3035

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36926 I EACH	Plantronics M114 I Year	Flexible headband on this over-the-head style headset provides stability and comfort. Includes in-line volume control.	26.80 0.4 0.18	17.80 13.95 13.39

Plantronics Over-The-Ear Headsets

36954 36981 32055 497082

All Plantronics over-the-ear wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hard-wired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36954 I EACH	Plantronics M120 I Year	Lightweight comfort in an over-the-ear style headset.	24.20 0.25 0.11	16.06 12.59 12.08
36981 I EACH	Plantronics M124 I Year	Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80 0.24 0.11	17.80 13.95 13.39
32055 I EACH	Plantronics M130 I Year	Superior comfort and sleek design in this over-the-ear headset. Metallic-blue, blurple color.	29.50 0.22 0.1	19.59 15.36 14.73
NEW 433174 I EACH	Plantronics M135/BLUE I Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, blurple color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55
497082 I EACH	Plantronics M135/ESPRESSO I Year	Superior comfort and sleek design in this over-the-ear headset. Espresso color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55

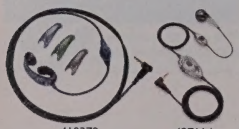
Plantronics In-The-Ear Headsets

37000 37004

All Plantronics in-the-ear boom-style wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37000 I EACH	Plantronics M140/CHARCOAL I Year	Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11	24.31 19.06 18.28
NEW 467122 I EACH	Plantronics M140/SILVER I Year	Ultra-light comfort with this in-the-ear style headset. Silver color.	36.60 0.25 0.11	24.31 19.06 18.28
37004 I EACH	Plantronics M145 I Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11	28.22 22.12 21.22

Plantronics Discreet Earbud Headsets

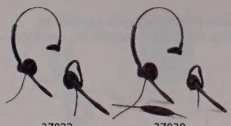


410379 437114

All Plantronics earbud headsets for wireless phones feature Flexfit(TM) design for increased stability, RF noise shielded cable, advanced speaker technology, and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 410379 I EACH	Plantronics MX100 I Year	Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19.59 15.36 14.73
437114 I EACH	Plantronics M205 I Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09	19.59 15.36 14.73

Plantronics Convertible Headsets



37022 37030

All Plantronics convertible style wireless phone head feature a noise-canceling microphone, RF noise shield cable, advanced speaker technology, microphone-adju switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
37022 I EACH	Plantronics M170 I Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18	31 24 23
37030 I EACH	Plantronics M175 I Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22	35 27 26

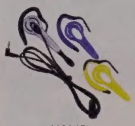
Plantronics Cordless Headsets

467353

Cut the Cord(TM) with Bluetooth(TM) wireless headsets from Plantronics. Plantronics over-the-ear cordless headsets feature an adjustable noice canc microphone, volume/mute control and answer/end button. High-capacity rechargeable batteries provide up to 2.5 hours of talk time and 60 hours of standby.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 467353 I EACH	Plantronics M1500 BLUE-TOOTH I Year	Bluetooth headset. Over-the-ear style with answer/end button and volume/mute control. Includes Bluetooth adapter, AC adapter and rechargeable battery. Blue-tooth version 1.1.	250.70 0.25 0.11	166 130 125

Wireless Solutions 2.5mm Earwrap



460165

The Wireless Solutions EarWrap: noise-canceling mic, sleek, lightweig design, colorful accessories. Choose from snap-on boom covers and fl forming ear wraps in sleek tones of silver, blue and yellow.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
460165 I EACH	Wireless Solutions 466053U Lifetime	Earwrap with colored faceplates and 2.5mm connector.	27.50 0.4 0.18	16. 14. 13.

Wireless Solutions EarBoom Headset

424099

Wireless Solutions In The Ear headset features a boom mic. Comfortable. Provide g mic sound as well as in the ear speaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
424099 I EACH	Wireless Solutions 484028U Lifetime	Earboom Headset with 2.5mm jack. Includes six eargels.	31.00 0.3 0.14	13. 11. 9.

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eless Solutions EarBud Headset

445052

The Wireless Soluitons EarBud is the most cost-effective, solution for mobile phone users wanting a hands-free alternative at a value price. The EarBud integrates the microphone as part of the cable leading from the ear to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
052 CH	Wireless Solutions 438045U Lifetime	Earbud Headset with 2.5mm jack. Includes six eargels.	27.00 0.3 0.14	12.09 10.09 8.09

Portable Cellular Phone Accessory Kit [262-50]

cera Combo Kits

495088

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
88 CH	Qualcomm/Kyocera 419011/492060 1 Year	Combo Kit. Includes vehicle power adapter and fitted leather case.	16.50 0.5 0.23	12.31 12.18 11.92

eless Solutions Starter Kits

467113

les leather case and vehicle power adapter. Wireless Solutions Retail Package.

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
13 CH	Wireless Solutions 435011U Lifetime	Starter Kit - Open face leather case with built in swivel and beltclip, VPA.	33.00 0.5 0.23	13.90 11.92 9.90

Retractable/Replacement Antennas [385-65]

cera Replacement Antennas

nal accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most anding customer. You can trust the high quality and performance of original accessories.

No. om	Manufacturer Mfg. P/N Warranty	Frequency Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
V 56 H	Qualcomm/Kyocera TXANT00A01	Replacement antenna for Kyocera QCP-3035.(7GP).	10.00 0.1 0.05	7.18 7.10 6.94

Data Interfaces for Portable Phones [260-12]

Data Connectivity Kit

The Connectivity Toolkit helps you manage your phone numbers (contacts) from your desktop. Use the Connectivity Toolkit to change the information in a contact including names, phone numbers, email addresses, and Internet addresses. When your changes are ready, sync them with your phone using the included data cable. The Connectivity Toolkit also has a Phone Monitor application that allows you to see your phone's display on your computer and control phone functions using the keyboard. The Connectivity Toolkit runs in, Windows 95 (OSR2 and higher), Windows 98, Windows NT and Windows 2000.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 455368 1 EACH	Qualcomm/Kyocera TXDTA10035 1 Year	Data Connectivity Tool Kit includes serial cable and software CD.	50.00 0.5 0.23	35.90 35.50 34.70
NEW 482361 1 EACH	Qualcomm/Kyocera TXDTA10036 1 Year	Data Connectivity Tool Kit includes USB cable and software CD.	50.00 0.5 0.23	40.00 40.00 40.00

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LG Accessory Quick Pick

LG InfoComm 4400

Illustration not currently available
LGI SBPL0065501,Batt, 4400
LG Infocomm
SBPL0065501
SKU 459369

Illustration not currently available
LGI SBPL0065401,Batt, 4400
LG Infocomm
SBPL0065401
SKU 465378

Vehicle Power Adapter
LG Infocomm
SGCC0001701
SKU 440164

Illustration not currently available
LG Desktop Charger, BULK
LG Infocomm
SGCD0023201
SKU 416384

Phone Holster, Medium
Nite Ize
SUMP-07-01
SKU 437345

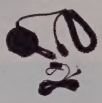
Boxit Phone Case, Onyx
Nite Ize
NBX-07-01
SKU 422375

Boxit Phone Case, Crystal
Nite Ize
NBX-07-04
SKU 424372

Boxit Phone Case, Citron
Nite Ize
NBX-07-28
SKU 467363

Boxit Phone C Aqua
Nite Ize
NBX-07-03
SKU 48235

LGI Phone Holster, VX4400
LG Infocomm
MHIY0000501
SKU 483365


Folding Plug Portable Handsfree Kit
LG Infocomm
SGHP0002601
SKU 462175

Walkman Style Headset
LG Infocomm
SGEY0000301
SKU 451158

Illustration not currently available
Replacement Antenna, 4400
LG Infocomm
SNMR0005301
SKU 499399

LG InfoComm 4NE1

Illustration not currently available
Standard Battery
LG Infocomm
SBPL0062501
SKU 454337

Vehicle Power Adapter
LG Infocomm
SGCC0001701
SKU 440164

Illustration not currently available
Phone Holster
LG Infocomm
AHEY0001201
SKU 429308

Illustration not currently available
Leather Case
LG Infocomm
ABAC000101
SKU 452335

Folding Plug Portable Handsfree Kit
LG Infocomm
SGHP0002601
SKU 462175

LG InfoComm DM-510

Illustration not currently available
Standard Battery, 750mah, Lilo
LG Infocomm
SBPL0035601
SKU 426108

Standard Battery, 750mah, Lilo
LG Infocomm
SBPL0035401
SKU 432175

Illustration not currently available
Extended Battery, Lilo, black
LG Infocomm
SBPL0036401
SKU 482115

Battery, 900mah, Lilo
Wireless Solutions
47200 4U
SKU 432146

Battery, LG-510,TP1100
Wireless Solutions
442160U
SKU 433185

Illustration not currently available
Battery, LG-510,TP1100
Wireless Solutions
412328U
SKU 494382

Vehicle Power Adapter
LG Infocomm
SGCC0001701
SKU 440164

Vehcile Power Adapter
Wireless Solutions
475007U
SKU 497183

FPF Daisy Denim Flip- Jean Flower
funphonefriend.com
A-35
SKU 427352

FPF Spotty Flip-Dalmation Dog
funphonefriend.com
A-16
SKU 468391

FPF Floppy Flip-Golden Dog
funphonefriend.com
A-4
SKU 498359

Single Port Charger
LG Infocomm
SGCD0016803
SKU 462188

Travel Charger
LG Infocomm
SGCT0000701
SKU 458142

Illustration not currently available
Travel Charger
Wireless Solutions
424007U
SKU 493134

Phone Holster
LG Infocomm
MCGY0001501
SKU 482161

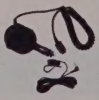
Leather Case with built-in swivel and belt clip
Wireless Solutions
414125U
SKU 435193

Phone Holster
Wireless Solutions
411304U
SKU 467377

Illustration not currently available
Phone Holster
Wireless Solutions
487127U
SKU 450128

Universal Belt Clip
Wireless Solutions
30754
SKU 30754

Universal Belt Clip
Wireless Solutions
458379U
SKU 413338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LG Infocomm
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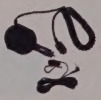
SKU 437179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LG Infocomm
SGHP0002601
SKU 462175

Installed Handsfree Kit
LG Infocomm
SGHN0001401
SKU 455163

Installed Handsfree Kit
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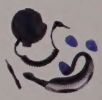
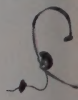
SKU 478158


Freespeak Bluetooth Headset w/Adapter
Jabra Corporation
100-91030000-02
SKU 435389

Walkman Style Headset
LG Infocomm
SGEY0000301
SKU 451158


Plantronics Over The-Head Headset
Plantronics
M110
SKU 36909

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LG Accessory Quick Pick

Over-The-Head Headset,Vol
Plantronics
M114
SKU 36926

Over-The-Ear Headset
Plantronics
M120
SKU 36954

Plantronics Over-The-Ear Headset
Plantronics
M124
SKU 36981

Plantronics Over-The-Ear Headset
Plantronics
M130
SKU 32055

Illustration not currently available

Over the ear headset
Plantronics
M135/BLUE
SKU 433174

Over the ear headset
Plantronics
M135/ESPRESSO
SKU 497082

In-The Ear Headset
Plantronics
M140/CHARCOAL
SKU 37000

In-The Ear Headset
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M140/SILVER
SKU 467122

In-The-Ear Headset, Vol
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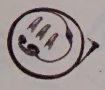
M145
SKU 37004



Plantronics In-The-Ear Headset
Plantronics
MX100
SKU 410379

Plantronics Earbud Headset
Plantronics
M205
SKU 437114

Over-Head/Ear Headset
Plantronics
M170
SKU 37022

Over-Head/Ear Headset,Vol
Plantronics
M175
SKU 37030

Bluetooth Headset
Plantronics
M1500 BLUETOOTH
SKU 467353

2.5mm Earwrap Headset
Wireless Solutions
466053U
SKU 460165

2.5mm Earboom Headset
Wireless Solutions
484028U
SKU 424099

2.5mm Earbud Headset
Wireless Solutions
438045U
SKU 445052

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Antenna
LG Infocomm
SNMR0002701
SKU 419317

Antenna
LG Infocomm
SNMR0001601
SKU 440163

RS-232 Data Cable
LG Infocomm
SGDY0001801
SKU 416110

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RS-232 Data Cable
LG Infocomm
SGDY0001806
SKU 462392

Data Connectivity Kit
Superior Comm.
90289
SKU 421114

InfoComm TP-5350

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Extended Battery
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SKU 449350

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Vehicle Power Adapter
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SKU 468391

FPF Floppy Flip-Golden Dog
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A-4
SKU 498359

Single Port Charger,5350
LG Infocomm
SGCD0022701
SKU 434391

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Leather case, 5350
LG Infocomm
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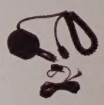
SKU 434395



Folding Plug Portable Handsfree Kit
LG Infocomm
SGHP0002601
SKU 462175

Freespeak Bluetooth Headset w/Adapter
Jabra Corporation
100-91030000-02
SKU 435389

Walkman Style Headset
LG Infocomm
SGEY0000301
SKU 451158

Plantronics Over-The-Head Headset
Plantronics
M110
SKU 36909

Over-The-Head Headset,Vol
Plantronics
M114
SKU 36926

Over-The-Ear Headset
Plantronics
M120
SKU 36954

Plantronics Over-The-Ear Headset
Plantronics
M124
SKU 36981

Plantronics Over-The-Ear Headset
Plantronics
M130
SKU 32055

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Over the ear headset
Plantronics
M135/BLUE
SKU 433174

Over the ear headset
Plantronics
M135/ESPRESSO
SKU 497082

In-The Ear Headset
Plantronics
M140/CHARCOAL
SKU 37000

In-The Ear Headset
Plantronics
M140/SILVER
SKU 467122

In-The-Ear Headset, Vol
Plantronics
M145
SKU 37004

Plantronics In-The-Ear Headset
Plantronics
MX100
SKU 410379

Plantronics Earbud Headset
Plantronics
M205
SKU 437114

Over-Head/Ear Headset
Plantronics
M170
SKU 37022

Over-Head/Ear Headset,Vol
Plantronics
M175
SKU 37030

Bluetooth Headset
Plantronics
M1500 BLUETOOTH
SKU 467353

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LG Accessory Quick Pick

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VX-1

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SKU 459388

Extended Battery, Lilo
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SBPL0062001
SKU 470162

Vehicle Power Adapter
LG Infocomm
SGCC0001701
SKU 440164

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SKU 468391

FPF Floppy Flip-Golden Dog
funphonefriend.com
A-4
SKU 498359

Single Port Charger
LG Infocomm
SGCD0019702
SKU 482109

Leather Case
LG Infocomm
MHIY0000301
SKU 467341

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Phone Hol
LG Infocom
MCGA0000
SKU 421

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Phone Holster, Small
Nite Ize
SUSP-07-01
SKU 475394

Boxit Phone Case, Onyx
Nite Ize
NBX-07-01
SKU 422375

Boxit Phone Case, Crystal
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Boxit Phone Case, Aqua
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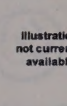

Folding Plug Portable Handsfree Kit
LG Infocomm
SGHP0002601
SKU 462175

Illustration not currently available

Installed Handsfree Kit
LG Infocomm
SGHN0003101
SKU 440330

Freespeak Bluetooth Headset w/Adapter
Jabra Corporation
100-91030000-02
SKU 435389

Walkman S Headse
LG Infocom
SGEY00003
SKU 4511

Plantronics Over-The-Head Headset
Plantronics
M110
SKU 36909

Over-The-Head Headset,Vol
Plantronics
M114
SKU 36926

Over-The-Ear Headset
Plantronics
M120
SKU 36954

Plantronics Over-The-Ear Headset
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SKU 36981

Plantronics Over-The-Ear Headset
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M130
SKU 32055

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Over the ear headset
Plantronics
M135/BLUE
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Over the ear headset
Plantronics
M135/ESPRESSO
SKU 497082

In-The Ear Headset
Plantronics
M140/CHARCOAL
SKU 37000

In-The Ear He
Plantronic
M140/SILVE
SKU 4671

In-The-Ear Headset, Vol
Plantronics
M145
SKU 37004

Plantronics In-The-Ear Headset
Plantronics
MX100
SKU 410379

Plantronics Earbud Headset
Plantronics
M205
SKU 437114

Over-Head/Ear Headset
Plantronics
M170
SKU 37022

Over-Head/Ear Headset,Vol
Plantronics
M175
SKU 37030

Bluetooth Headset
Plantronics
M1500 BLUETOOTH
SKU 467353

Illustration not currently available

Replacement Antenna
LG Infocomm
SNMR0003701
SKU 441153

RS-232 Data Cable
LG Infocomm
SGDY0001801
SKU 416110

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DB230 USB cable and dr
LG Infocom
SGDY00043
SKU 4621

LG InfoComm
VX-2000

Illustration not currently available

Illustration not currently available

Standard Batt VX2000
LG Infocomm
SBPL0063601
SKU 437313

Extended Batt VX2000
LG Infocomm
SBPL0063701
SKU 461303

Vehicle Power Adapter
LG Infocomm
SGCC0001701
SKU 440164

FPF Tapole Frog
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A-05
SKU 417318

FPF Bully-Bulldog
funphonefriend.com
A-01
SKU 425345

FPF Funky Monkey
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A-22
SKU 440370

FPF ALI-Alligator
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A-19
SKU 454305

FPF Santa
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SKU 474325

FPF Dangles-Hanging Le
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A-15
SKU 4813

FPF Munchie-Manatee
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A-24
SKU 482389

FPF Kit Kat- Cat
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A-10
SKU 486359

FPF Larry-Lobster
funphonefriend.com
A-7
SKU 488341

FPF Cheeser Mouse
funphonefriend.com
A-21
SKU 490397

FPF Oinky Pig
funphonefriend.com
A-09
SKU 491340

FPF Moo MOO - Cow
funphonefriend.com
A-20
SKU 499325

Phone Holster, Medium
Nite Ize
SUMP-07-01
SKU 437345

Boxit Phone Case, Onyx
Nite Ize
NBX-07-01
SKU 422375

Boxit Phone C Crystal
Nite Ize
NBX-07-04
SKU 4243

Boxit Phone Case, Citron
Nite Ize
NBX-07-28
SKU 467363

Boxit Phone Case, Aqua
Nite Ize
NBX-07-03
SKU 482355

Illustration not currently available

Portable Handsfree Kit
LG Infocomm
SGHP0001201
SKU 456341

Freespeak Bluetooth Headset w/Adapter
Jabra Corporation
100-91030000-02
SKU 435389

Walkman Style Headset
LG Infocomm
SGEY0000301
SKU 451158

Plantronics Over-The-Head Headset
Plantronics
M110
SKU 36909

Over-The-Head Headset,Vol
Plantronics
M114
SKU 36926

Over-The-Ear Headset
Plantronics
M120
SKU 36954

Plantronics C The-Ear Hea
Plantronic
M124
SKU 3698

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LG Accessory Quick Pick

Plantronics Over-The-Ear Headset
Plantronics
M130
SKU 32055

Illustration not currently available

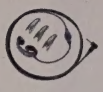
Over the ear headset
Plantronics
M135/BLUE
SKU 433174

Over the ear headset
Plantronics
M135/ESPRESSO
SKU 497082

In-The Ear Headset
Plantronics
M140/CHARCOAL
SKU 37000

In-The Ear Headset
Plantronics
M140/SILVER
SKU 467122

In-The-Ear Headset, Vol
Plantronics
M145
SKU 37004



Plantronics In-The-Ear Headset
Plantronics
MX100
SKU 410379

Plantronics Earbud Headset
Plantronics
M205
SKU 437114

Over-Head/Ear Headset
Plantronics
M170
SKU 37022

Over-Head/Ear Headset,Vol
Plantronics
M175
SKU 37030

Bluetooth Headset
Plantronics
M1500 BLUETOOTH
SKU 467353

RS-232 Data Cable
LG Infocomm
SGDY0001801
SKU 416110

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LG InfoComm 4400

Compatible Phone Models:

Lgi 4400

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

LG OEM Batteries

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	LG Infocomm	Extended capacity battery Black	52.50	37.63
459369	SBPL0065501		0.25	36.59
1 EACH	1 year		0.11	35.19
NEW	LG Infocomm	Standard battery Black	40.50	29.06
465378	SBPL0065401		0.25	28.26
1 EACH	1 year		0.11	27.18

Vehicle Power Adapters [275-10]

LG OEM Vehicle Power Adapters

440164

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
440164	LG Infocomm	Vehicle power adapter	12.20	8.86
1 EACH	SGCC0001701		0.25	8.62
	1 Year		0.11	8.31

Chargers, Desk Top, Travel [305-60]

LG OEM Desk Top Chargers

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	LG Infocomm	Desktop Charger for LG 4400	33.00	23.57
416384	SGCD0023201		0.45	22.91
1 EACH	1 Year		0.2	22.02

Cases for Portable Cellular Phones [310-10]

Nite Ize Holsters

437345

The Stand-Up Phone Holster provides the ultimate in protection and usability your phone. Durable Ballistic nylon protects from moisture and scratches, and secure holstering mechanism ensures your phone will never leave your belt uni tionally

- Available in three sizes: small, medium and large. Elastic sides expand to accomodate various phones
- Multiple pockets hold accessories
- Bendable metal frame stands, hangs or attaches to holster and provides a hands-free workstation
- Security snap attaches securely to belt
- Open-ended design for CLA's, headset or other phone accessories

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW	Nite Ize	Medium holster. Phone must fit into 5 1/2L" x 3 1/8"W x 1 1/4D" pocket.	28.25	14.
437345	SUMP-07-01		0.15	14.
1 EACH	2 years		0.07	14.

Nite Ize Protective Case

422375 424372 467363 482355

Boxit mobile phone case provides the ultimate protection for any environment.

- Molded polyurethane front and polycarbonate back protects phone from moisture, dirt, dust, and shock. Floats too!
- Includes two different lids to accomodate nearly every phone. Antenna extensions and plugs are included for nearly every style antenna.
- Hear and talk through flexible transparent face while a special waterproof Gore audio membran enhances audibility and guarantees effective soun transmission
- Operates from -40F to +140F. Approved to IP45 and IP65

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW	Nite Ize	BOXIT universal phone case. Onyx color	46.20	24.0
422375	NBX-07-01		0.15	23.4
1 EACH	2 years		0.07	23.0
NEW	Nite Ize	BOXIT universal phone case. Crystal color.	46.20	24.0
424372	NBX-07-04		0.15	23.4
1 EACH	2 years		0.07	23.0
NEW	Nite Ize	BOXIT universal phone case. Citron color.	46.20	24.0
467363	NBX-07-28		0.15	23.4
1 EACH	2 years		0.07	23.0
NEW	Nite Ize	BOXIT universal phone case. Aqua color.	46.20	24.0
482355	NBX-07-03		0.15	23.4
1 EACH	2 years		0.07	23.0

Waterproof Cases, Belt Clips [310-60]

LG Phone Holster

483365

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW	LG Infocomm	Holster for the LGI VX4400 phone. Black	7.00	5.0
483365	MHIY0000501		0.1	4.8
1 EACH	1 year		0.05	4.6

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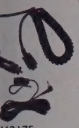
Hands Free Kits, Mics, Headsets [262-09]

OEM Portable Handsfree Kits



462175

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
75 H	LG Infocomm SGHP0002601 1 Year	Portable Handsfree Car Kit	68.00 1 0.45	48.56 47.20 45.36

Compatible Phone Models:

Lgi 4NE1

If you do not see your phone model listed, please call 800-955-9997.

Headsets [262-10]

OEM Headsets

1158

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
58 H	LG Infocomm SGEY0000301 1 Year	Walkman Style Headset	8.50 0.25 0.11	6.22 6.06 5.84

Batteries for Portable Phones [270-10]

LG OEM Batteries

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 454337 1 EACH	LG Infocomm SBPL0062501 1 Year	Standard battery Lilo	54.50 0.25 0.11	39.06 37.98 36.52

Retractable/Replacement Antennas [385-65]

OEM Replacement Antennas

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

o. m	Manufacturer Mfg. P/N Warranty	Frequency Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
9 H	LG Infocomm SNMR0005301		7.90 0.2 0.09	5.65 5.49 5.27

Vehicle Power Adapters [275-10]

LG OEM Vehicle Power Adapters

440164

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
440164 1 EACH	LG Infocomm SGCC0001701 1 Year	Vehicle power adapter	12.20 0.25 0.11	8.86 8.62 8.31

Cases for Portable Cellular Phones [310-10]

LG OEM Cases

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 429308 1 EACH	LG Infocomm AHEY0001201 1 Year	Phone Holster	5.50 0.25 0.11	4.07 3.97 3.84
NEW 452335 1 EACH	LG Infocomm ABAC000101 1 Year	Leather Case	5.90 0.25 0.11	4.36 4.25 4.11

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LG InfoComm DM-510

Hands Free Kits, Mics, Headsets [262-09]

LG OEM Portable Handsfree Kits

462175

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
462175 1 EACH	LG Infocomm SGHP0002601 1 Year	Portable Handsfree Car Kit	68.00 1 0.45	48.56 47.20 45.36

Compatible Phone Models:

LG DM510

If you do not see your phon model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

LG OEM Batteries

432175

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of th phones, satisfying the most demanding customer. You can trust the high qual and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
NEW **426108** 1 EACH	LG Infocomm SBPL0035601 1 Year	Standard battery Silver 750mah Lilo	54.50 0.25 0.11	39.0 37.9 36.5
432175 1 EACH	LG Infocomm SBPL0035401 1 Year	Standard battery Black 750mah Lilo	54.50 0.25 0.11	39.0 37.9 36.5
NEW **482115** 1 EACH	LG Infocomm SBPL0036401 1 Year	Extended Battery Black Lilo	76.50 0.25 0.11	54.7 53.2 51.2

Wireless Solutions Batteries

432146 433185

- High Quality, Great Value
- Attractive retail packaging that promotes self selection and consumer education
- Available with merchandising system that drives multiple and repeat purchases to improve overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
432146 1 EACH	Wireless Solutions 472004U Lifetime	Replacement Battery Black 900 mAh Lilo 1 to 4 hours DTT/1 to 6 days DST	30.55 0.3 0.14	21.5 17.5 15.7
433185 1 EACH	Wireless Solutions 442160U Lifetime	Replacement Battery Black 900 mAh Lilo 1 to 4 hours DTT/1 to 6 days DST	30.55 0.3 0.14	21.5 17.5 15.7
NEW **494382** 1 EACH	Wireless Solutions 412328U Lifetime	Replacement Battery Silver 900 mAh Lilo 1 to 4 hours DTT/1 to 6 days DST	30.55 0.3 0.14	21.5 17.5 15.7

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Vehicle Power Adapters [275-10]

OEM Vehicle Power Adapters

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

40164

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
64 CH	LG Infocomm SGCC0001701 1 Year	Vehicle power adapter	12.20 0.25 0.11	8.86 8.62 8.31

eless Solutions Vehicle Power Adapter

Wireless Solutions Vehicle adapters are a great value, and high quality. Quality tested cable returns to original shape after multiple stretches. Attractive retail packaging.

497183

- ple rate charging for safety & convenience (no charging)
- gh current to make a call with a discharged bat-
- Attractive retail packaging that promotes self selection and consumer education
- Available with revolutionary merchandising system that drives multiple and repeat purchase to improve overall profitability

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
83 CH	Wireless Solutions 475007U Lifetime	Vehicle Power Adapter. Retail Packaged.	23.00 0.3 0.14	7.24 5.91 4.60

Face Plates [311-10]

Fun Friends

52 468391 498359

Fun Friends are leading the way with adorable characters that give new attitude to these otherwise dull products. Fun Friends are a perfect match for all who enjoy plush characters ranging from Funky the Monkey to Tadpole our Lime Green Frog.

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
/ 52 H	funphonefriend.com A-25 30 days	FunFriends phone cover. Daisy Flip- Jean	15.00 0.32 0.15	6.50 5.75 5.21
/ 91 H	funphonefriend.com A-16 30 days	Fun Friends phone covers. Spotty Flip- Dalmation Dog	15.00 0.32 0.15	6.50 5.75 5.21
/ 59 H	funphonefriend.com A-4 30 days	Fun Friends, Floppy flip-Golden Dog phone cover.	15.00 0.32 0.15	6.50 5.75 5.21

Chargers, Desk Top, Travel [305-60]

LG OEM Desk Top Chargers

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

462188

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
462188 1 EACH	LG Infocomm SGCD0016803 1 Year	Single Port Desktop Charger	33.00 0.45 0.2	23.57 22.91 22.02

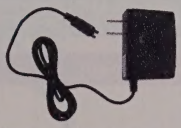
LG OEM Travel Chargers

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

458142

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
458142 1 EACH	LG Infocomm SGCT0000701 1 Year	Travel Charger	22.50 0.35 0.16	16.21 15.77 15.18

Wireless Solutions Travel Charger



- Plugs into any 110 volt outlet
- Use your phone while it is charging
- Charges "lite" batteries up to 90% capacity in about 5 hours
- Charges extra capacity batteries in about 10-12 hours
- Attractive retail packaging that promotes self selection and consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
493134 1 EACH	Wireless Solutions 424007U Lifetime	Rapid Travel Charger	14.50 0.4 0.18	10.31 8.30 6.30

Cases for Portable Cellular Phones [310-10]

LG OEM Phone Holsters

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

482161

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
482161 1 EACH	LG Infocomm MCGY0001501 1 Year	Swiveling Phone Holster Black	10.50 0.25 0.11	7.64 7.44 7.17

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Wireless Solutions Cases

435193

- High quality leather
- Nylon stitching
- Leather covered rust resistant spring clip
- Mylar plastic that will not yellow or crack
- Environmentally tested to ensure durability
- Attractive retail packaging that promotes self selectionand consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
435193 I EACH	Wireless Solutions 414125U Lifetime	Leather case with built-in swivel and belt clip. Retail packaged. Black	11.60 0.3 0.14	7.50 6.87 6.30

Wireless Solutions Phone Holsters

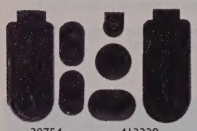
467377

- Phone Holster can ratchet 180 degrees.
- Phone sits firmly in place inside of holster.
- Holster is manufactured with high-impact plastic.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **467377** I EACH	Wireless Solutions 411304U I Year	Ratcheting Phone Holster Black	7.75 0.3 0.14	5.51 4.66 3.60
NEW **450128** I EACH	Wireless Solutions 487127U Lifetime	Ratcheting Phone Holster Black	7.75 0.3 0.14	5.51 4.66 3.60

Waterproof Cases, Belt Clips [310-60]

Wireless Solutions Beltclips



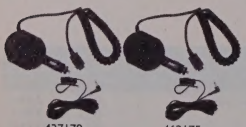
30754 413338

Belt clips designed to conveniently snap onto the phone to securely hold it in place. Holds the phone without the need for a leather carry case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30754 I EACH	Wireless Solutions 30754 Lifetime	Universal Belt Clip includes three different swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21
NEW **413338** I EACH	Wireless Solutions 458379U Lifetime	Universal Belt Clip includes two swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21

Hands Free Kits, Mics, Headsets [262-09]

LG OEM Portable Handsfree Kits



437179 462175

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
437179 I EACH	LG Infocomm SGHP0002501 I Year	Portable Handsfree Car Kit	68.00 1 0.45	48.56 47.20 45.36

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
462175 I EACH	LG Infocomm SGHP0002601 I Year	Portable Handsfree Car Kit	68.00 1 0.45	48. 47. 45.

LG OEM Installed Handsfree Kits

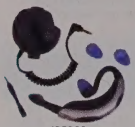
455163 478158

Original accessories... "from the peop that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of th phones, satisfying the most demanding customer. You can trust the high quali and performance of original accessori

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
455163 I EACH	LG Infocomm SGHN0001401 I Year	Installed Handsfree Kit	220.00 3.08 1.4	157. 152. 146.
478158 I EACH	LG Infocomm SGHN0001601 I Year	Installed Handsfree Car Kit	200.00 4 1.82	142. 138. 133.

Headsets [262-10]

Bluetooth Headsets



435389

The Motorola Bluetooth headset provides a cordless connection to you mobile phone. Carry on handsfree conversation without the restriction a cord.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
NEW **435389** I EACH	Jabra Corporation 100-91030000-02 I Year	Freespeak Bluetooth Headset with 2.5mm headset jack.	179.95 0.45 0.2	143.0 123.0 114.9

LG OEM Headsets

451158

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of th phones, satisfying the most demanding customer. You can trust the high qual and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
451158 I EACH	LG Infocomm SGEY0000301 I Year	Walkman Style Headset	8.50 0.25 0.11	6.22 6.06 5.84

Plantronics Over-The-Head Headsets

36909 36926

All Plantronics over-the-head wireless phone headsets featu a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and clothing clip. The 2.5mm plug connects directly into the hea set port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
36909 I EACH	Plantronics M110 I Year	Flexible headband on this over-the-head headset provides stability and comfort.	24.20 0.4 0.18	16.0 12.5 12.0
36926 I EACH	Plantronics M114 I Year	Flexible headband on this over-the-head style headset provides stability and comfort. Includes in-line volume control.	26.80 0.4 0.18	17.8 13.9 13.3

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tronics Over-The-Ear Headsets

36981 32055 497082

ntronics over-the-ear wireless phone headsets feature a noise-cancelling microphone, RF shielded cable, advanced speaker technology, microphone-adjust switch and a clothing vailable in a standard 2.5mm plug or hard-wired for specific Nokia phones.

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
	Plantronics M120 1 Year	Lightweight comfort in an over-the-ear style headset.	24.20 0.25 0.11	16.06 12.59 12.08
	Plantronics M124 1 Year	Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80 0.24 0.11	17.80 13.95 13.39
	Plantronics M130 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic-blue, blurple color.	29.50 0.22 0.1	19.59 15.36 14.73
	Plantronics M135/BLUE 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, blurple color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55
	Plantronics M135/ESPRESSO 1 Year	Superior comfort and sleek design in this over-the-ear headset. Espresso color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55

tronics In-The-Ear Headsets

7000 37004

All Plantronics in-the-ear boom-style wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
	Plantronics M140/CHARCOAL 1 Year	Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11	24.31 19.06 18.28
	Plantronics M140/SILVER 1 Year	Ultra-light comfort with this in-the-ear style headset. Silver color.	36.60 0.25 0.11	24.31 19.06 18.28
	Plantronics M145 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11	28.22 22.12 21.22

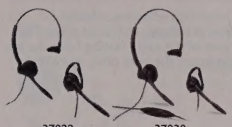
ronics Discreet Earbud Headsets

410379 437114

All Plantronics earbud headsets for wireless phones feature Flexfit(TM) design for increased stability, RF noise shielded cable, advanced speaker technology, and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
	Plantronics MX100 1 Year	Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19.59 15.36 14.73
	Plantronics M205 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09	19.59 15.36 14.73

Plantronics Convertible Headsets



37022 37030

All Plantronics convertible style wireless phone headsets feature a noise-canceling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37022 1 EACH	Plantronics M170 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18	31.25 24.50 23.50
37030 1 EACH	Plantronics M175 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22	35.16 27.57 26.44

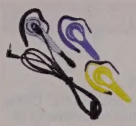
Plantronics Cordless Headsets

467353

Cut the Cord(TM) with Bluetooth(TM) wireless headsets from Plantronics. All Plantronics over-the-ear cordless headsets feature an adjustable noice cancelling microphone, volume/mute control and answer/end button. High-capacity rechargeable batteries provide up to 2.5 hours of talk time and 60 hours of standby.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **467353** 1 EACH	Plantronics M1500 BLUE-TOOTH 1 Year	Bluetooth headset. Over-the-ear style with answer/end button and volume/mute control. Includes Bluetooth adapter, AC adapter and rechargeable battery. Bluetooth version 1.1.	250.70 0.25 0.11	166.67 130.67 125.34

Wireless Solutions 2.5mm Earwrap

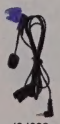


460165

The Wireless Solutions EarWrap: noise-canceling mic, sleek, lightweight design, colorful accessories. Choose from snap-on boom covers and flex-forming ear wraps in sleek tones of silver, blue and yellow.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
460165 1 EACH	Wireless Solutions 466053U Lifetime	Earwrap with colored faceplates and 2.5mm connector.	27.50 0.4 0.18	16.17 14.25 13.97

Wireless Solutions EarBoom Headset



424099

Wireless Solutions In The Ear headset features a boom mic. Comfortable. Provide good mic sound as well as in the ear speaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
424099 1 EACH	Wireless Solutions 484028U Lifetime	Earboom Headset with 2.5mm jack. Includes six eargels.	31.00 0.3 0.14	13.31 11.32 9.31

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LG InfoComm TP-5350

Wireless Solutions EarBud Headset

445052

The Wireless Soluitons EarBud is the most cost-effective, solution for mobile phone users wanting a hands-free alternative at a value price. The EarBud integrates the microphone as part of the cable leading from the ear to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
445052 I EACH	Wireless Solutions 438045U Lifetime	Earbud Headset with 2.5mm jack. Includes six eargels.	27.00 0.3 0.14	12.09 10.09 8.09

Retractable/Replacement Antennas [385-65]

LG OEM Replacement Antennas

440163

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **419317** I EACH	LG Infocomm SNMR0002701 I Year	Replacement Antenna	7.90 0.2 0.09	5.65 5.49 5.27
440163 I EACH	LG Infocomm SNMR0001601 I Year	Replacement Antenna	7.90 0.2 0.09	5.65 5.49 5.27

Data Interfaces for Portable Phones [260-12]

LG OEM Data Cables

416110

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
416110 I EACH	LG Infocomm SGDY0001801 I Year	RS-232 Data Cable. Attaches phone to serial port of PC.	29.00 0.5 0.23	20.85 20.28 19.51
NEW **462392** I EACH	LG Infocomm SGDY0001806 I Year	LG OEM Serial Data Cable for Verizon 510 series phones. Includes CD with PC Sync Software.	64.00 0.5 0.23	45.70 44.42 42.69

LG OEM Data Connectivity Kits

421114

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
421114 I EACH	Superior Comm. 90289 I Year	Data connectivity kit. Includes cable, software, modem adapter and user's manual.	68.60 0.5 0.23	48.97 47.60 45.75

Compatible Phone Models

LG TP5350

If you do not see your pho model listed, please ca 800-955-9997.

Batteries for Portable Phones [270-10]

LG OEM Batteries

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories match the specific requirements of their phones, satisfyi the most demanding customer. You can trust the high qu and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW **449350** I EACH	LG Infocomm SBPL0064301 I Year	Extended Battery Lilo	76.50 0.25 0.11	54 53 51
NEW **489341** I EACH	LG Infocomm SBPL0064201 I Year	Standard battery Lilo	54.50 0.25 0.11	39. 37. 36.

Vehicle Power Adapters [275-10]

LG OEM Vehicle Power Adapters

440164

Original accessories... "from the people that made your phone(TM)." OEM design and manufacture accessories to match the specific requirements of t phones, satisfying the most demanding customer. You can trust the high qu and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
440164 I EACH	LG Infocomm SGCC0001701 I Year	Vehicle power adapter	12.20 0.25 0.11	8. 8. 8.

Face Plates [311-10]

FPF Fun Friends

427352 468391 498359

Fun Friends are leading the with adorable characters th give new attitude to these o wise dull products. Fun Frie are a perfect match for all w enjoy plush characters rang from Funky the Monkey to pole our Lime Green Frog.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW **427352** I EACH	funphonefriend.com A-25 30 days	FunFriends phone cover. Daisy Flip- Jean	15.00 0.32 0.15	6. 5. 5.
NEW **468391** I EACH	funphonefriend.com A-16 30 days	Fun Friends phone covers. Spotty Flip- Dalmation Dog	15.00 0.32 0.15	6. 5. 5.

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ng product table (2 of 2)

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
/ 59 H	funphonefriend.com A-4 30 days	Fun Friends, Floppy flip-Golden Dog phone cover.	15.00 0.32 0.15	6.50 5.75 5.21

Chargers, Desk Top, Travel [305-60]

OEM Desk Top Chargers

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
/ 1 H	LG Infocomm SGCD0022701 1 Year	Single Port Desktop Charger with out AC Adapter.	33.00 0.45 0.2	23.57 22.91 22.02

Cases for Portable Cellular Phones [310-10]

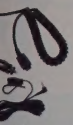
OEM Cases

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

. m	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
S H	LG Infocomm ABAC0000301 1 year	Leather case with plastic window and clip. BLK	5.40 0.2 0.09	3.86 3.75 3.61

Hands Free Kits, Mics, Headsets [262-09]

OEM Portable Handsfree Kits



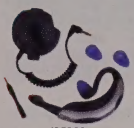
52175

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

. n	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
S H	LG Infocomm SGHP0002601 1 Year	Portable Handsfree Car Kit	68.00 1 0.45	48.56 47.20 45.36

Headsets [262-10]

Bluetooth Headsets



435389

The Motorola Bluetooth headset provides a cordless connection to your mobile phone. Carry on handsfree conversation without the restriction of a cord.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 435389 1 EACH	Jabra Corporation 100-91030000-02 1 Year	Freespeak Bluetooth Headset with 2.5mm headset jack.	179.95 0.45 0.2	143.06 123.09 114.99

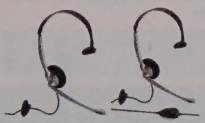
LG OEM Headsets

451158

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
451158 1 EACH	LG Infocomm SGEY0000301 1 Year	Walkman Style Headset	8.50 0.25 0.11	6.22 6.06 5.84

Plantronics Over-The-Head Headsets

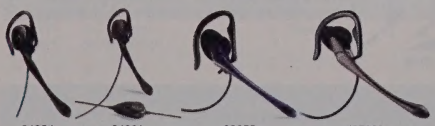


36909 36926

All Plantronics over-the-head wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36909 1 EACH	Plantronics M110 1 Year	Flexible headband on this over-the-head headset provides stability and comfort.	24.20 0.4 0.18	16.06 12.59 12.08
36926 1 EACH	Plantronics M114 1 Year	Flexible headband on this over-the-head style headset provides stability and comfort. Includes in-line volume control.	26.80 0.4 0.18	17.80 13.95 13.39

Plantronics Over-The-Ear Headsets



36954 36981 32055 497082

All Plantronics over-the-ear wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hard-wired for specific Nokia phones.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36954 1 EACH	Plantronics M120 1 Year	Lightweight comfort in an over-the-ear style headset.	24.20 0.25 0.11	16.06 12.59 12.08
36981 1 EACH	Plantronics M124 1 Year	Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80 0.24 0.11	17.80 13.95 13.39
32055 1 EACH	Plantronics M130 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic-blue, blurple color.	29.50 0.22 0.1	19.59 15.36 14.73

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LG InfoComm TP-5350

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 433174 1 EACH	Plantronics M135/BLUE 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, blurple color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55
497082 1 EACH	Plantronics M135/ESPRESSO 1 Year	Superior comfort and sleek design in this over-the-ear headset. Espresso color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55

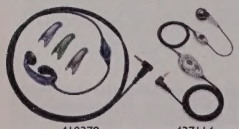
Plantronics In-The-Ear Headsets

37000 37004

All Plantronics in-the-ear boom-style wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37000 1 EACH	Plantronics M140/CHARCOAL 1 Year	Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11	24.31 19.06 18.28
NEW 467122 1 EACH	Plantronics M140/SILVER 1 Year	Ultra-light comfort with this in-the-ear style headset. Silver color.	36.60 0.25 0.11	24.31 19.06 18.28
37004 1 EACH	Plantronics M145 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11	28.22 22.12 21.22

Plantronics Discreet Earbud Headsets



410379 437114

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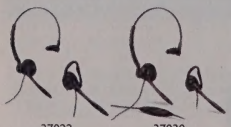
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 410379 1 EACH	Plantronics MX100 1 Year	Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19.59 15.36 14.73
437114 1 EACH	Plantronics M205 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09	19.59 15.36 14.73

Plantronics Convertible Headsets



37022 37030

All Plantronics convertible style wireless phone headsets feature a noise-canceling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37022 1 EACH	Plantronics M170 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18	31.25 24.50 23.50
37030 1 EACH	Plantronics M175 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22	35.16 27.57 26.44

Plantronics Cordless Headsets

467353

Cut the Cord(TM) with Bluetooth(TM) wireless headsets from Plantronics. Plantronics over-the-ear cordless headsets feature an adjustable noice canc microphone, volume/mute control and answer/end button. High-capacity rechargeable batteries provide up to 2.5 hours of talk time and 60 hours of standby.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 467353 1 EACH	Plantronics M1500 BLUE-TOOTH 1 Year	Bluetooth headset. Over-the-ear style with answer/end button and volume/mute control. Includes Bluetooth adapter, AC adapter and rechargeable battery. Bluetooth version 1.1.	250.70 0.25 0.11	16 13 12

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Compatible Phone Models:

LG VX1
LG VX10

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

OEM Batteries

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

o. m	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
/ 38 H	LG Infocomm SBPL0061901 1 Year	Standard battery Lilo	54.50 0.25 0.11	39.06 37.98 36.52
/ 52 H	LG Infocomm SBPL0062001 1 Year	Extended Battery Silver Lilo	76.50 0.25 0.11	54.77 53.25 51.20

Vehicle Power Adapters [275-10]

OEM Vehicle Power Adapters

0164

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
4 H	LG Infocomm SGCC0001701 1 Year	Vehicle power adapter	12.20 0.25 0.11	8.86 8.62 8.31

Face Plates [311-10]

Fun Friends

52 468391 498359

Fun Friends are leading the way with adorable characters that give new attitude to these otherwise dull products. Fun Friends are a perfect match for all who enjoy plush characters ranging from Funky the Monkey to Tadpole our Lime Green Frog.

ng product table (1 of 2)

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
/ 2 H	funphonefriend.com A-25 30 days	FunFriends phone cover. Daisy Flip- Jean	15.00 0.32 0.15	6.50 5.75 5.21
/ 1 H	funphonefriend.com A-16 30 days	Fun Friends phone covers. Spotty Flip- Dalmation Dog	15.00 0.32 0.15	6.50 5.75 5.21

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 498359 1 EACH	funphonefriend.com A-4 30 days	Fun Friends, Floppy flip-Golden Dog phone cover.	15.00 0.32 0.15	6.50 5.75 5.21

Chargers, Desk Top, Travel [305-60]

LG OEM Desk Top Chargers

482109

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
482109 1 EACH	LG Infocomm SGCD0019702 1 Year	Single Port Desktop Charger with AC Adapter	33.00 0.45 0.2	23.57 22.91 22.02

Cases for Portable Cellular Phones [310-10]

LG OEM Cases

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 467341 1 EACH	LG Infocomm MHIY0000301 1 Year	Leather Case	5.90 0.25 0.11	4.36 4.25 4.11

LG OEM Phone Holsters

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
421198 1 EACH	LG Infocomm MCGA0000501 1 Year	Phone Holster	7.50 0.25 0.11	5.50 5.36 5.17

Nite Ize Holsters

The Stand-Up Phone Holster provides the ultimate in protection and usability for your phone. Durable Ballistic nylon protects from moisture and scratches, and a secure holstering mechanism ensures your phone will never leave your belt unintentionally

- Available in three sizes: small, medium and large. Elastic sides expand to accomodate various phones
- Multiple pockets hold accessories
- Bendable metal frame stands, hangs or attaches to holster and provides a hands-free workstation
- Security snap attaches securely to belt
- Open-ended design for CLA's, headset or other phone accessories

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 475394 1 EACH	Nite Ize SUSP-07-01 2 Years	Small holster. Phone must fit into 4 1/4L" x 3 1/8W" x 1 1/4D" pocket.	28.25 0.15 0.07	14.68 14.34 14.11

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Nite Ize Protective Case

422375 424372 467363 482355

Boxit mobile phone case provides the ultimate protection for any environment.

- Molded polyurethane front and polycarbonate back protects phone from moisture, dirt, dust, and shock. Floats too!
- Includes two different lids to accomodate nearly every phone. Antenna extensions and plugs are included for nearly every style antenna.
- Hear and talk through flexible transparent face while a special waterproof Gore audio membrane enhances audibility and guarantees effective sound transmission
- Operates from -40F to +140F. Approved to IP45 and IP65

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **422375** 1 EACH	Nite Ize NBX-07-01 2 years	BOXIT universal phone case. Onyx color	46.20 0.15 0.07	24.01 23.47 23.09
NEW **424372** 1 EACH	Nite Ize NBX-07-04 2 years	BOXIT universal phone case. Crystal color.	46.20 0.15 0.07	24.01 23.47 23.09
NEW **467363** 1 EACH	Nite Ize NBX-07-28 2 years	BOXIT universal phone case. Citron color.	46.20 0.15 0.07	24.01 23.47 23.09
NEW **482355** 1 EACH	Nite Ize NBX-07-03 2 years	BOXIT universal phone case. Aqua color.	46.20 0.15 0.07	24.01 23.47 23.09

Hands Free Kits, Mics, Headsets [262-09]

LG OEM Portable Handsfree Kits

462175

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
462175 1 EACH	LG Infocomm SGHP0002601 1 Year	Portable Handsfree Car Kit	68.00 1 0.45	48.56 47.20 45.36

LG OEM Installed Handsfree Kits

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **440330** 1 EACH	LG Infocomm SGHN0003101 1 Year	Installed Handsfree Kit	236.00 3.08 1.4	168.51 163.79 157.42

Headsets [262-10]

Bluetooth Headsets

435389

The Motorola Bluetooth headset provides a cordless connection to y mobile phone. Carry on handsfree conversation without the restrictic a cord.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW **435389** 1 EACH	Jabra Corporation 100-91030000-02 1 Year	Freespeak Bluetooth Headset with 2.5mm headset jack.	179.95 0.45 0.2	14 12 11

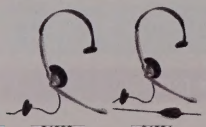
LG OEM Headsets

451158

Original accessories... "from the people that made your phone(TM)." OEM design and manufacture accessories to match the specific requirements of phones, satisfying the most demanding customer. You can trust the high qu and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
451158 1 EACH	LG Infocomm SGEY0000301 1 Year	Walkman Style Headset	8.50 0.25 0.11	6. 6. 5.

Plantronics Over-The-Head Headsets



36909 36926

All Plantronics over-the-head wireless phone headsets feat a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch a clothing clip. The 2.5mm plug connects directly into the he set port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
36909 1 EACH	Plantronics M110 1 Year	Flexible headband on this over-the-head headset provides stability and comfort.	24.20 0.4 0.18	16 12 12
36926 1 EACH	Plantronics M114 1 Year	Flexible headband on this over-the-head style headset provides stability and comfort. Includes in-line volume control.	26.80 0.4 0.18	17 13 13

Plantronics Over-The-Ear Headsets

36954 36981 32055 497082

All Plantronics over-the-ear wireless phone headsets feature a noise-cancelling microphone noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothin clip. Available in a standard 2.5mm plug or hard-wired for specific Nokia phones.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
36954 1 EACH	Plantronics M120 1 Year	Lightweight comfort in an over-the-ear style headset.	24.20 0.25 0.11	16 12 12
36981 1 EACH	Plantronics M124 1 Year	Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80 0.24 0.11	17 13 13
32055 1 EACH	Plantronics M130 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic-blue, blurple color.	29.50 0.22 0.1	19 15 14

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g product table (2 of 2)

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
4	Plantronics M135/BLUE 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, blurple color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55
2	Plantronics M135/ESPRESSO 1 Year	Superior comfort and sleek design in this over-the-ear headset. Espresso color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55

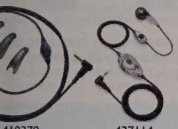
tronics In-The-Ear Headsets

37000 37004

All Plantronics in-the-ear boom-style wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1	Plantronics M140/CHARCOAL 1 Year	Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11	24.31 19.06 18.28
2	Plantronics M140/SILVER 1 Year	Ultra-light comfort with this in-the-ear style headset. Silver color.	36.60 0.25 0.11	24.31 19.06 18.28
1	Plantronics M145 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11	28.22 22.12 21.22

tronics Discreet Earbud Headsets



410379 437114

All Plantronics earbud headsets for wireless phones feature Flexfit(TM) design for increased stability, RF noise shielded cable, advanced speaker technology, and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
9	Plantronics MX100 1 Year	Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19.59 15.36 14.73
1	Plantronics M205 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09	19.59 15.36 14.73

ronics Convertible Headsets

022 37030

All Plantronics convertible style wireless phone headsets feature a noise-canceling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
	Plantronics M170 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18	31.25 24.50 23.50
	Plantronics M175 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22	35.16 27.57 26.44

Plantronics Cordless Headsets

467353

Cut the Cord(TM) with Bluetooth(TM) wireless headsets from Plantronics. All Plantronics over-the-ear cordless headsets feature an adjustable noice cancelling microphone, volume/mute control and answer/end button. High-capacity rechargeable batteries provide up to 2.5 hours of talk time and 60 hours of standby.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 467353 1 EACH	Plantronics M1500 BLUE-TOOTH 1 Year	Bluetooth headset. Over-the-ear style with answer/end button and volume/mute control. Includes Bluetooth adapter, AC adapter and rechargeable battery. Bluetooth version 1.1.	250.70 0.25 0.11	166.67 130.67 125.34

Retractable/Replacement Antennas [385-65]

LG OEM Replacement Antennas

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 441153 1 EACH	LG Infocomm SNMR0003701 1 Year	Replacement Antenna	7.90 0.2 0.09	5.65 5.49 5.27

Data Interfaces for Portable Phones [260-12]

LG OEM Data Cables

416110

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
416110 1 EACH	LG Infocomm SGDY0001801 1 Year	RS-232 Data Cable. Attaches phone to serial port of PC.	29.00 0.5 0.23	20.85 20.28 19.51
NEW 462149 1 EACH	LG Infocomm SGDY0004301 1 Year	DB230 USB data cable W/ driver. Attaches phone to USB port of PC.	53.00 0.5 0.23	37.85 36.79 35.36

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LG InfoComm VX-2000

Compatible Phone Models:

LG VX2000

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

LG OEM Batteries

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **437313** 1 EACH	LG Infocomm SBPL0063601	Standard battery Retail packaged. 900 mAh Lilo	47.50 0.25 0.11	34.06 33.12 31.85
NEW **461303** 1 EACH	LG Infocomm SBPL0063701	Extended capacity 1400 mAh Lilo.	64.50 0.25 0.11	46.20 44.92 43.19

Vehicle Power Adapters [275-10]

LG OEM Vehicle Power Adapters

440164

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
440164 1 EACH	LG Infocomm SGCC0001701 1 Year	Vehicle power adapter	12.20 0.25 0.11	8.86 8.62 8.31

Face Plates [311-10]

FPF Fun Friends

Fun Friends are leading the way with adorable characters that give new attitude to these o wise dull products. Fun Friends are a perfect match for all who enjoy plush characters ran from Funky the Monkey to Tadpole our Lime Green Frog.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW **417318** 1 EACH	funphonefriend.com A-05 30 days	Fun Friends phone cover. Tapole Frog	15.00 0.32 0.15	6 5 5
NEW **425345** 1 EACH	funphonefriend.com A-01 30days	FunFriends phone cover. Bully-Bulldog	15.00 0.32 0.15	6 5 5
NEW **440370** 1 EACH	funphonefriend.com A-22 30 days	Fun Friends Funky- Monkey	15.00 0.32 0.15	6 5 5
NEW **454305** 1 EACH	funphonefriend.com A-19 30 days	FunFriends phone cover. ALI- Aligator	15.00 0.32 0.15	6 5 5
NEW **474325** 1 EACH	funphonefriend.com A-27 30 days	Fun Friends phone cover. Santa	15.00 0.32 0.15	6 5 5
NEW **481374** 1 EACH	funphonefriend.com A-15 30 days	Fun Friends phone covers. Dangles- Dog Hanging Legs	15.00 0.32 0.15	6 5 5
NEW **482389** 1 EACH	funphonefriend.com A-24 30 days	Fun Friends phone covers. Munchie- Manatee	15.00 0.32 0.15	6 5 5
NEW **486359** 1 EACH	funphonefriend.com A-10 30 days	Fun Friends phone covers. Kit Kat- Cat	15.00 0.32 0.15	6 5 5
NEW **488341** 1 EACH	funphonefriend.com A-7 30 days	Fun Friends phone cover. Larry -Lobster	15.00 0.32 0.15	6 5 5
NEW **490397** 1 EACH	funphonefriend.com A-21 30 days	Fun Friends phone covers. Cheeser- Mouse	15.00 0.32 0.15	6 5 5
NEW **491340** 1 EACH	funphonefriend.com A-09 30 days	Fun Friends phone covers. Oinky- Pig	15.00 0.32 0.15	6 5 5
NEW **499325** 1 EACH	funphonefriend.com A-20 30 days	Fun Friends phone covers. Moo Moo- Cow	15.00 0.32 0.15	6 5 5

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Cases for Portable Cellular Phones [310-10]

lze Holsters

The Stand-Up Phone Holster provides the ultimate in protection and usability for your phone. Durable Ballistic nylon protects from moisture and scratches, and a secure holstering mechanism ensures your phone will never leave your belt unintentionally

- e in three sizes: small, medium and large. ides expand to accomodate various phones pockets hold accessories
- e metal frame stands, hangs or attaches to and provides a hands-free workstation
- Security snap attaches securely to belt
- Open-ended design for CLA's, headset or other phone accessories

Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Nite lze SUMP-07-01 2 years	Medium holster. Phone must fit into 5 1/2L" x 3 1/8"W x 1 1/4D" pocket.	28.25 0.15 0.07	14.68 14.34 14.11

ze Protective Case

424372 467363 482355

Boxit mobile phone case provides the ultimate protection for any environment.

polyurethane front and polycarbonate back phone from moisture, dirt, dust, and shock. o!

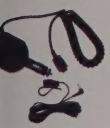
two different lids to accomodate nearly none. Antenna extensions and plugs are for nearly every style antenna.

- Hear and talk through flexible transparent face while a special waterproof Gore audio membrane enhances audibility and guarantees effective sound transmission
- Operates from -40F to +140F. Approved to IP45 and IP65

Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Nite lze NBX-07-01 2 years	BOXIT universal phone case. Onyx color	46.20 0.15 0.07	24.01 23.47 23.09
Nite lze NBX-07-04 2 years	BOXIT universal phone case. Crystal color.	46.20 0.15 0.07	24.01 23.47 23.09
Nite lze NBX-07-28 2 years	BOXIT universal phone case. Citron color.	46.20 0.15 0.07	24.01 23.47 23.09
Nite lze NBX-07-03 2 years	BOXIT universal phone case. Aqua color.	46.20 0.15 0.07	24.01 23.47 23.09

Hands Free Kits, Mics, Headsets [262-09]

EM Portable Handsfree Kits



Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
LG Infocomm SGHP0001201 1 Year	Portable Handsfree Car Kit	68.00 1 0.45	48.56 47.20 45.36

Headsets [262-10]

Bluetooth Headsets

435389

The Motorola Bluetooth headset provides a cordless connection to your mobile phone. Carry on handsfree conversation without the restriction of a cord.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 435389 1 EACH	Jabra Corporation 100-91030000-02 1 Year	Freespeak Bluetooth Headset with 2.5mm headset jack.	179.95 0.45 0.2	143.06 123.09 114.99

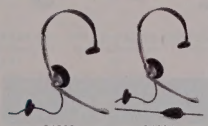
LG OEM Headsets

451158

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
451158 1 EACH	LG Infocomm SGEY0000301 1 Year	Walkman Style Headset	8.50 0.25 0.11	6.22 6.06 5.84

Plantronics Over-The-Head Headsets



36909 36926

All Plantronics over-the-head wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36909 1 EACH	Plantronics M110 1 Year	Flexible headband on this over-the-head headset provides stability and comfort.	24.20 0.4 0.18	16.06 12.59 12.08
36926 1 EACH	Plantronics M114 1 Year	Flexible headband on this over-the-head style headset provides stability and comfort. Includes in-line volume control.	26.80 0.4 0.18	17.80 13.95 13.39

Plantronics Over-The-Ear Headsets

36954 36981 32055 497082

All Plantronics over-the-ear wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hard-wired for specific Nokia phones.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36954 1 EACH	Plantronics M120 1 Year	Lightweight comfort in an over-the-ear style headset.	24.20 0.25 0.11	16.06 12.59 12.08
36981 1 EACH	Plantronics M124 1 Year	Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80 0.24 0.11	17.80 13.95 13.39
32055 1 EACH	Plantronics M130 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic-blue, blurple color.	29.50 0.22 0.1	19.59 15.36 14.73

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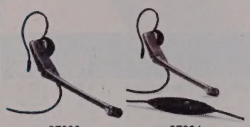
LG InfoComm VX-2000

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **433174** 1 EACH	Plantronics M135/BLUE 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, blurple color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55
497082 1 EACH	Plantronics M135/ESPRESSO 1 Year	Superior comfort and sleek design in this over-the-ear headset. Espresso color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55

Plantronics In-The-Ear Headsets

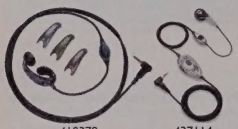


37000 37004

All Plantronics in-the-ear boom-style wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37000 1 EACH	Plantronics M140/CHARCOAL 1 Year	Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11	24.31 19.06 18.28
NEW **467122** 1 EACH	Plantronics M140/SILVER 1 Year	Ultra-light comfort with this in-the-ear style headset. Silver color.	36.60 0.25 0.11	24.31 19.06 18.28
37004 1 EACH	Plantronics M145 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11	28.22 22.12 21.22

Plantronics Discreet Earbud Headsets

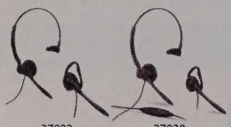


410379 437114

All Plantronics earbud headsets for wireless phones feature Flexfit(TM) design for increased stability, RF noise shielded cable, advanced speaker technology, and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **410379** 1 EACH	Plantronics MX100 1 Year	Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19.59 15.36 14.73
437114 1 EACH	Plantronics M205 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09	19.59 15.36 14.73

Plantronics Convertible Headsets



37022 37030

All Plantronics convertible style wireless phone headsets feature a noise-canceling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37022 1 EACH	Plantronics M170 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18	31.25 24.50 23.50
37030 1 EACH	Plantronics M175 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22	35.16 27.57 26.44

Plantronics Cordless Headsets

467353

Cut the Cord(TM) with Bluetooth(TM) wireless headsets from Plantronic Plantronics over-the-ear cordless headsets feature an adjustable noice can microphone, volume/mute control and answer/end button. High-capacity rechargeable batteries provide up to 2.5 hours of talk time and 60 hours c standby.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T T T
NEW **467353** 1 EACH	Plantronics M1500 BLUE-TOOTH 1 Year	Bluetooth headset. Over-the-ear style with answer/end button and volume/mute control. Includes Bluetooth adapter, AC adapter and rechargeable battery. Bluetooth version 1.1.	250.70 0.25 0.11	1 1 1

Data Interfaces for Portable Phones [260-12]

LG OEM Data Cables

416110

Original accessories... "from the people that made your phone(TM)." design and manufacture accessories to match the specific requirement their phones, satisfying the most demanding customer. You can trust th high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T T T
416110 1 EACH	LG Infocomm SGDY0001801 1 Year	RS-232 Data Cable. Attaches phone to serial port of PC.	29.00 0.5 0.23	2 2 1

TESSCO TECHNOLOGIES®
■NORTH AMERICA 800-955-9997 ■FAX 410-527-0005
■REST OF WORLD +1 410-229-1200 ■WWW.TESSCO.COM
NEW = New Listing. Pricing for reference
See TESSCO.com for latest pricing and pro
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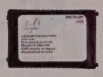
Motorola Accessory Quick Pick

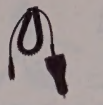
otorola 120 Series

Internal Battery
Motorola Inc.
SNN5571
SKU 497328



Battery, 900mah, Lilo
Wireless Solutions
486148U
SKU 495386

Vehicle Power Adapter
Motorola Inc.
98307/SYN7818
SKU 453147



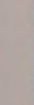
Vehicle Power Adapter
Wireless Solutions
463164U
SKU 416141

PhoneWrap, Blue Aquarius
Motorola Inc.
98351/SYN8949
SKU 434141

PhoneWrap, Cinnamon Toast
Motorola Inc.
98348/SYN8946
SKU 425129

PhoneWrap, Dusk
Motorola Inc.
98349/SYN8947
SKU 464184

PhoneWrap, Green Tea
Motorola Inc.
98352/SYN8950
SKU 428145



PhoneWrap, Purple Passion
Motorola Inc.
98350/SYN8948
SKU 492146

Soft Wrap, Bottle Blue
Motorola Inc.
98345/SYN8918
SKU 471132

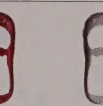
Soft Wrap, Limeade
Motorola Inc.
98342/SYN8915
SKU 498118

Soft Wrap, Racing Red
Motorola Inc.
98344/SYN8917
SKU 486139

Soft Wrap, Sea Blue
Motorola Inc.
98340/SYN8913
SKU 437198

Soft Wrap, Shaved Ice
Motorola Inc.
98341/SYN8914
SKU 454112

Soft Wrap, Tangerine
Motorola Inc.
98343/SYN8916
SKU 491199



Faceplate, Honey Red, V120
AleEv (formerly MTU)
21300
SKU 412352

Faceplate, Ferrari Silver, V120
AleEv (formerly MTU)
21303
SKU 412376

Faceplate, Flourescent Orange, V120
AleEv (formerly MTU)
21304
SKU 440345

Faceplate, Honey Blue, V120
AleEv (formerly MTU)
21301
SKU 453324

Faceplate, Flourescent Pink, V120
AleEv (formerly MTU)
21305
SKU 473378

Faceplate, Royal Purple, V120
AleEv (formerly MTU)
21302
SKU 486336

FPF Tapole Frog
funphonefriend.com
A-05
SKU 417318

FPF Bully-Bulldog
funphonefriend.com
A-01
SKU 425345

FPF Funky Monkey
funphonefriend.com
A-22
SKU 440370

FPF Floppy Reg-Brown Dog
funphonefriend.com
A-3
SKU 441386

FPF ALI-Alligator
funphonefriend.com
A-19
SKU 454305

FPF Beary - Lavender Bear
funphonefriend.com
A-17
SKU 472388

FPF Santa
funphonefriend.com
A-27
SKU 474325

FPF Dangles- Dog Hanging Legs
funphonefriend.com
A-15
SKU 481374

FPF Munchie-Manatee
funphonefriend.com
A-24
SKU 482389

FPF Kit Kat- Cat
funphonefriend.com
A-10
SKU 486359

FPF Larry-Lobster
funphonefriend.com
A-7
SKU 488341

FPF Cheeser Mouse
funphonefriend.com
A-21
SKU 490397

FPF Oinky Pig
funphonefriend.com
A-09
SKU 491340

FPF Moo MOO - Cow
funphonefriend.com
A-20
SKU 499325

Travel Charger
Motorola Inc.
98357/SPN4940
SKU 482196

Desktop Charger
Motorola Inc.
98412
SKU 490126

Dual Port Desktop Charger
Motorola Inc.
98354/SPN4996
SKU 493133

FreeCharge, Blue
Motorola Inc.
98418
SKU 477318

FreeCharge, Yellow
Motorola Inc.
98419
SKU 495319

Travel Charger
Wireless Solutions
466135U
SKU 418198

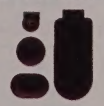
Leather Case
Motorola Inc.
98356/SYN9171
SKU 458178

Open-face Leather Case
Wireless Solutions
427116U
SKU 436184

Phone Holster
Wireless Solutions
482189U
SKU 486197

Belt Clip
Motorola Inc.
98346/SHN7175
SKU 442112

Universal Belt Clip
Wireless Solutions
30754
SKU 30754



Universal Belt Clip
Wireless Solutions
458379U
SKU 413338

Handsfree Car Kit
Motorola Inc.
98308
SKU 420140

Desktop Speaker
Motorola Inc.
98422/SPN5028
SKU 417142

Clip-on Handsfree Speaker
Motorola Inc.
98325/SYN8611
SKU 444135

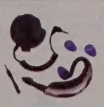
Desktop Speaker
Motorola Inc.
98421/SPN5027
SKU 458147

Installed Handsfree Car Kit
Motorola Inc.
59610
SKU 428123

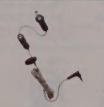
Installed Handsfree Car Kit
Motorola Inc.
59565
SKU 447125

Hang-up Cup
Motorola Inc.
SYN9269
SKU 481139

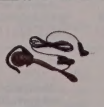
Self-Install HF Car Kit
Motorola Inc.
98413
SKU 417390



Freespeak Bluetooth Headset w/Adapter
Jabra Corporation
100-91030000-02
SKU 435389



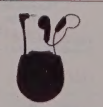
Universal Earbud Headset
Motorola Inc.
SYN9350
SKU 414339



Over-ear Headset
Motorola Inc.
98328/SYN8908
SKU 458101

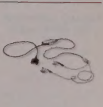
Retractable HF Headset
Motorola Inc.
98435/SYN9050
SKU 458300

Earbud Headset
Motorola Inc.
98323/AAYN4264
SKU 486111



Retractable HF Headset - Black
Motorola Inc.
98196/SYN8284
SKU 423154

One Touch Headset
Motorola Inc.
SYN9351
SKU 457331



FM Radio Headset
Motorola Inc.
98310/SYN8609
SKU 444108

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Motorola Accessory Quick Pick

MP3 Player Headset
Motorola Inc.
98381
SKU 428368

Plantronics Over-The-Head Headset
Plantronics
M110
SKU 36909

Over-The-Head Headset,Vol
Plantronics
M114
SKU 36926

Over-The-Ear Headset
Plantronics
M120
SKU 36954

Plantronics Over-The-Ear Headset
Plantronics
M124
SKU 36981

Plantronics Over-The-Ear Headset
Plantronics
M130
SKU 32055

Illustration not currently available

Over the ear headset
Plantronics
M135/BLUE
SKU 433174

Over the ear headset
Plantronics
M135/ESPRESSO
SKU 497082

In-The Ear He
Plantronics
M140/CHARC
SKU 370

In-The Ear Headset
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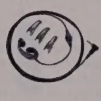
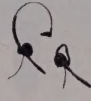
M140/SILVER
SKU 467122

In-The-Ear Headset, Vol
Plantronics
M145
SKU 37004



Plantronics In-The-Ear Headset
Plantronics
MX100
SKU 410379

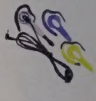
Plantronics Earbud Headset
Plantronics
M205
SKU 437114



Over-Head/Ear Headset
Plantronics
M170
SKU 37022

Over-Head/Ear Headset,Vol
Plantronics
M175
SKU 37030

Bluetooth Headset
Plantronics
M1500 BLUETOOTH
SKU 467353



2.5mm Earwrap Headset
Wireless Solutions
466053U
SKU 460165

2.5mm Earbu Headset
Wireless Solut
484028U
SKU 4240

2.5mm Earbud Headset
Wireless Solutions
438045U
SKU 445052

Starter Kit, 120c
Motorola Inc.
463157/422164
SKU 470149

Starter Kit
Wireless Solutions
411149U
SKU 460123

Replacement Antenna
Motorola Inc.
8589650K18
SKU 463145

Multi-Connect Serial Data Kit
Motorola Inc.
98320
SKU 438121

USB Data Kit
Motorola Inc.
98326
SKU 460128

Multi-Connect Serial Data Kit
Motorola Inc.
98321
SKU 490191

Multi-Connect Serial Data Kit
Motorola Inc.
98347
SKU 477174

Serial Data C
Motorola Inc
S9141
SKU 4471

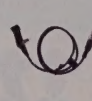
USB Data Cable
Motorola Inc.
SKN6311
SKU 454166

Data Cable for Compaq iPAQ
Motorola Inc.
S9618A
SKU 456190

Data Cable for Compaq iPAQ
Motorola Inc.
S9908
SKU 417368

Dual Band Mini-Mag Mount Antenna
Wireless Solutions
454106U
SKU 444380

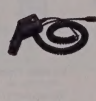
Antenna Cable
Wireless Solutions
433113U
SKU 451354



ClearConnect Cbl, T22/V22xx,V120c
Superior Comm.
45643
SKU 457009

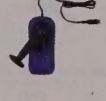
Motorola C331t

Lilo Slim Internal Battery
Motorola Inc.
98479/SNN5582
SKU 427392



Vehicle Power Adapter
Motorola Inc.
98307/SYN7818
SKU 453147

Travel Charger
Motorola Inc.
98357/SPN4940
SKU 482196



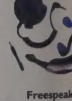
FreeCharge, Blue
Motorola Inc.
98418
SKU 477318

FreeCharge, Yellow
Motorola Inc.
98419
SKU 495319

Handsfree Car Kit
Motorola Inc.
98308
SKU 420140

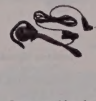
Desktop Speaker
Motorola Inc.
98422/SPN5028
SKU 417142

Self-Install HF Car Kit
Motorola Inc.
98413
SKU 417390

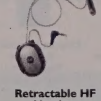


Freespeak Bluetooth He w/Adapte
Jabra Corpora
100-91030000
SKU 4353

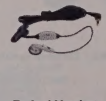
Universal Earbud Headset
Motorola Inc.
SYN9350
SKU 414339



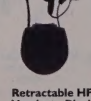
Over-ear Headset
Motorola Inc.
98328/SYN8908
SKU 458101



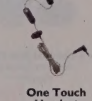
Retractable HF Headset
Motorola Inc.
98435/SYN9050
SKU 458300



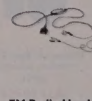
Earbud Headset
Motorola Inc.
98323/AAYN4264
SKU 486111



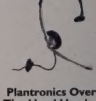
Retractable HF Headset - Black
Motorola Inc.
98196/SYN8284
SKU 423154



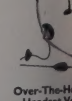
One Touch Headset
Motorola Inc.
SYN9351
SKU 457331



FM Radio Headset
Motorola Inc.
98310/SYN8609
SKU 444108



Plantronics Over-The-Head Headset
Plantronics
M110
SKU 36909



Over-The-H Headset,V
Plantronics
M114
SKU 3697

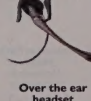
Over-The-Ear Headset
Plantronics
M120
SKU 36954

Plantronics Over-The-Ear Headset
Plantronics
M124
SKU 36981

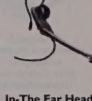
Plantronics Over-The-Ear Headset
Plantronics
M130
SKU 32055

Illustration not currently available

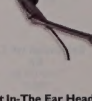
Over the ear headset
Plantronics
M135/BLUE
SKU 433174



Over the ear headset
Plantronics
M135/ESPRESSO
SKU 497082

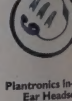


In-The Ear Headset
Plantronics
M140/CHARCOAL
SKU 37000



In-The Ear Headset
Plantronics
M140/SILVER
SKU 467122

In-The-Ear Headset, Vol
Plantronics
M145
SKU 37004



Plantronics In Ear Headse
Plantronics
MX100
SKU 4103

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FAX 410-527-0005
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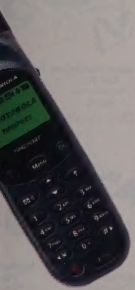
Motorola Accessory Quick Pick

otorola C332g



torola L7082, 7089, P7382, P7389

Plantronics Earbud Headset
Plantronics
M205
SKU 437114

Over-Head/Ear Headset
Plantronics
M170
SKU 37022

Over-Head/Ear Headset,Vol
Plantronics
M175
SKU 37030

Bluetooth Headset
Plantronics
M1500 BLUETOOTH
SKU 467353

Vehicle Power Adapter
Motorola Inc.
98246/SYN8087
SKU 433133

Travel Charger
Motorola Inc.
SPN4681
SKU 87752

FreeCharge, Blue
Motorola Inc.
98416
SKU 431395

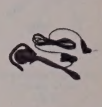
FreeCharge, Yellow
Motorola Inc.
98417
SKU 477300

Universal Belt Clip
Wireless Solutions
30754
SKU 30754

Easy Install Kit
Motorola Inc.
98365
SKU 468138

Freespeak Bluetooth Headset w/Adapter
Jabra Corporation
100-91030000-02
SKU 435389

Universal Earbud Headset
Motorola Inc.
SYN9350
SKU 414339

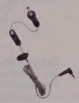


Over-ear Headset
Motorola Inc.
98328/SYN8908
SKU 458101

Retractable HF Headset
Motorola Inc.
98435/SYN9050
SKU 458300

Earbud Headset
Motorola Inc.
98323/AAYN4264
SKU 486111

Retractable HF Headset - Black
Motorola Inc.
98196/SYN8284
SKU 423154



One Touch Headset
Motorola Inc.
SYN9351
SKU 457331

Plantronics Over-The-Head Headset
Plantronics
M110
SKU 36909

Over-The-Head Headset,Vol
Plantronics
M114
SKU 36926

Over-The-Ear Headset
Plantronics
M120
SKU 36954

Plantronics Over-The-Ear Headset
Plantronics
M124
SKU 36981

Plantronics Over-The-Ear Headset
Plantronics
M130
SKU 32055

Illustration not currently available

Over the ear headset
Plantronics
M135/BLUE
SKU 433174

Over the ear headset
Plantronics
M135/ESPRESSO
SKU 497082

In-The Ear Headset
Plantronics
M140/CHARCOAL
SKU 37000

In-The Ear Headset
Plantronics
M140/SILVER
SKU 467122

In-The-Ear Headset, Vol
Plantronics
M145
SKU 37004

Plantronics In-The-Ear Headset
Plantronics
MX100
SKU 410379

Plantronics Earbud Headset
Plantronics
M205
SKU 437114

Over-Head/Ear Headset
Plantronics
M170
SKU 37022

Over-Head/Ear Headset,Vol
Plantronics
M175
SKU 37030

Bluetooth Headset
Plantronics
M1500 BLUETOOTH
SKU 467353

USB Data Kit
Motorola Inc.
98478
SKU 493361

Slim Battery, 600mah, Lilo
Motorola Inc.
98300/SNN5517
SKU 479100

Ultra Saver Cigarette Lighter Adapter
Motorola Inc.
98126/SYN4241
SKU 487105

Vehicle Power Adapter
Wireless Solutions
89201U
SKU 89361

Vehicle Power Adapter
Wireless Solutions
64422
SKU 64422

Travel Charger
Motorola Inc.
98125/SPN4604
SKU 474145

Dual Port Desk Top Charging Stand
Motorola Inc.
98274
SKU 420083

Travel Charger
Wireless Solutions
50264
SKU 50264

Sling Pack Case, Orange
Motorola Inc.
SYN8440
SKU 81465

Open-face Leather Case. With Belt Clip.
Wireless Solutions
88200U
SKU 89406

Vinyl-face Leather Case with Belt Clip
Wireless Solutions
88205U
SKU 89408

Belt Clip
Motorola Inc.
98346/SHN7175
SKU 442112

Universal Belt Clip
Wireless Solutions
30754
SKU 30754

Universal Belt Clip
Wireless Solutions
458379U
SKU 413338

Easy Install Handsfree Kit
Motorola Inc.
98202
SKU 445174

Freespeak Bluetooth Headset w/Adapter
Jabra Corporation
100-91030000-02
SKU 435389

Handsfree Earset
Jabra Corporation
ES2.5MM302
SKU 65303

EarBoom Headset, 2.5mm
Jabra Corporation
EM2.5MM302
SKU 413032

EarBud Headset, 2.5mm
Jabra Corporation
EB2.5MM302
SKU 481060

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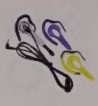
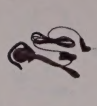
Motorola Accessory Quick Pick



EarWrap, with 2.5mm jack
Jabra Corporation
EW2.5MM402
SKU 411070

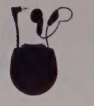
Universal Earbud Headset
Motorola Inc.
SYN9350
SKU 414339



Over-ear Headset
Motorola Inc.
98328/SYN8908
SKU 458101

Retractable HF Headset
Motorola Inc.
98435/SYN9050
SKU 458300

Earbud Headset
Motorola Inc.
98323/AAYN4264
SKU 486111



Retractable HF Headset - Black
Motorola Inc.
98196/SYN8284
SKU 423154

Plantronics Over-The-Head Headset
Plantronics
M110
SKU 36909

Over-The-Head Headset,Vol
Plantronics
M114
SKU 36926

Over-The-H Headset
Plantronics
M120
SKU 369

Plantronics Over-The-Ear Headset
Plantronics
M124
SKU 36981

Plantronics Over-The-Ear Headset
Plantronics
M130
SKU 32055

Illustration not currently available

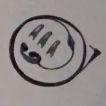
Over the ear headset
Plantronics
M135/BLUE
SKU 433174

Over the ear headset
Plantronics
M135/ESPRESSO
SKU 497082

In-The Ear Headset
Plantronics
M140/CHARCOAL
SKU 37000

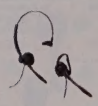
In-The Ear Headset
Plantronics
M140/SILVER
SKU 467122

In-The-Ear Headset, Vol
Plantronics
M145
SKU 37004



Plantronics In-The-Ear Headset
Plantronics
MX100
SKU 410379

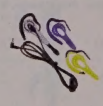
Plantronics Ea Headset
Plantronics
M205
SKU 4371



Over-Head/Ear Headset
Plantronics
M170
SKU 37022

Over-Head/Ear Headset,Vol
Plantronics
M175
SKU 37030

Bluetooth Headset
Plantronics
M1500 BLUETOOTH
SKU 467353



2.5mm Earwrap Headset
Wireless Solutions
466053U
SKU 460165

2.5mm Earboom Headset
Wireless Solutions
484028U
SKU 424099

2.5mm Earbud Headset
Wireless Solutions
438045U
SKU 445052

Illustration not currently available

Starter Kit includes Leather Case and VPA
Wireless Solutions
89201U
SKU 91567

Motorola StarTac

Main Battery, 900mah, LiIo, Black
Motorola Inc.
98105/SNN4814
SKU 431124

Main Battery, 550mah, NiMH, Black
Wireless Solutions
13080
SKU 13080

Standard Battery, 600mah, LiIo, Black
Wireless Solutions
73697
SKU 73697

Main Battery, 900mah, LiIo, Black
Wireless Solutions
471192U
SKU 59691

Battery, StarTAC,Bk,Main
Multiplier
M4908
SKU 32380

Battery, StarTAC,SG,Main
Multiplier
M4906
SKU 97201

Batt, StarTAC,DG,LiIO
Multiplier
M4907-LI
SKU 67044

Batt, StarTAC,BK,LiIO
Multiplier
M4908-LI
SKU 67061

Ultra Save Cigarette Lig Adapter
Motorola In
98126/SYN42
SKU 4871

Vehicle Power Adapter
Wireless Solutions
64422
SKU 64422

Maximizer- Moto. StarTAC
Superior Comm.
41186
SKU 11909

FPF Daisy Denim Flip- Jean Flower
funphonefriend.com
A-25
SKU 427352

FPF Spotty Flip-Dalmation Dog
funphonefriend.com
A-16
SKU 468391

FPF Floppy Flip-Golden Dog
funphonefriend.com
A-4
SKU 498359

Travel Charger
Motorola Inc.
98125/SPN4604
SKU 474145

Dual Port Desk Top Charging Stand
Motorola Inc.
98274
SKU 420083

Travel Charger
Wireless Solutions
50264
SKU 50264

Sling Pack C Orange
Motorola In
SYN8440
SKU 8146

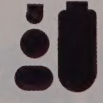
Open-face Leather Case
Wireless Solutions
46610
SKU 46610

Phone Holster
Wireless Solutions
428135U
SKU 455121

Rear Facing Holster, StarTac
Motorola Inc.
98127/SHN6971
SKU 481104

Front Facing Holster, StarTac
Motorola Inc.
SYN7574
SKU 486131

Universal Belt Clip
Wireless Solutions
30754
SKU 30754

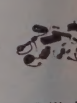


Universal Belt Clip
Wireless Solutions
458379U
SKU 413338

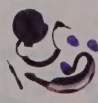
Illustration not currently available

Coiled Cord, StarTAC
Motorola Inc.
SKN6124B
SKU 17545

Portable Handsfree Car Kit
Motorola Inc.
98192
SKU 15118



Installed Hand Car Kit
Motorola In
56965
SKU 3118



Freespeak Bluetooth Headset w/Adapter
Jabra Corporation
100-91030000-02
SKU 435389

Over-the-ear Headset
ClearVox Communications
C-300
SKU 35716

Handsfree Earset
Jabra Corporation
ES2.5MM302
SKU 65303

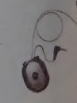
EarBoom Headset, 2.5mm
Jabra Corporation
EM2.5MM302
SKU 413032

EarBud Headset, 2.5mm
Jabra Corporation
EB2.5MM302
SKU 481060

EarWrap, with 2.5mm jack
Jabra Corporation
EW2.5MM402
SKU 411070

Universal Earbud Headset
Motorola Inc.
SYN9350
SKU 414339

Over-ear Headset
Motorola Inc.
98328/SYN8908
SKU 458101



Retractable Headset
Motorola In
98435/SYN9
SKU 4583

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■REST OF WORLD +1 410-229-1200 ■WWW.TESSCO.COM
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Motorola Accessory Quick Pick

Earbud Headset
Motorola Inc.
98323/AAYN4264
SKU 486111

Retractable HF Headset - Black
Motorola Inc.
98196/SYN8284
SKU 423154

Plantronics Over-The-Head Headset
Plantronics
M110
SKU 36909

Over-The-Head Headset,Vol
Plantronics
M114
SKU 36926

Over-The-Ear Headset
Plantronics
M120
SKU 36954

Plantronics Over-The-Ear Headset
Plantronics
M124
SKU 36981

Plantronics Over-The-Ear Headset
Plantronics
M130
SKU 32055

Illustration not currently available

Over the ear headset
Plantronics
M135/BLUE
SKU 433174

Over the ear headset
Plantronics
M135/ESPRESSO
SKU 497082

In-The Ear Headset
Plantronics
M140/CHARCOAL
SKU 37000

In-The Ear Headset
Plantronics
M140/SILVER
SKU 467122

In-The-Ear Headset, Vol
Plantronics
M145
SKU 37004

Plantronics In-The-Ear Headset
Plantronics
MX100
SKU 410379

Plantronics Earbud Headset
Plantronics
M205
SKU 437114

Over-Head/Ear Headset
Plantronics
M170
SKU 37022

Over-Head/Ear Headset,Vol
Plantronics
M175
SKU 37030

Bluetooth Headset
Plantronics
M1500 BLUETOOTH
SKU 467353

Speakeasy Headset
Superior Comm.
18687
SKU 66086

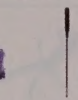
2.5mm Earwrap Headset
Wireless Solutions
466053U
SKU 460165

2.5mm Earboom Headset
Wireless Solutions
484028U
SKU 424099

2.5mm Earbud Headset
Wireless Solutions
438045U
SKU 445052

Illustration not currently available

Starter Kit, StacTAC
Motorola Inc.
417126/472143
SKU 455135



Starter Kit with Leather Case and VPA
Wireless Solutions
61783-STARTER KIT
SKU 61783

Retractable Replacement Antenna
Motorola Inc.
SAF5120B
SKU 76836

Antenna Removal Tool
Motorola Inc.
6609414J02
SKU 464395

Data Interface Cable
Motorola Inc.
SYN7464
SKU 56660

PCMCIA cable/ StarTAC
US Robotics
CABLEMOT4
SKU 26696

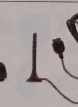
Passive Holder, StarTAC
AleEv (formerly MTU)
22132
SKU 31055

Dual Band Mini-Mag Mount Antenna
Wireless Solutions
454106U
SKU 444380

Antenna Cable
Wireless Solutions
414102U
SKU 435329

Phone Cable, StarTAC
Antenna Specialists
K347
SKU 91418

ClearConnect Cbl, StarTac
Superior Comm.
41143
SKU 50618



ClearConnect/ Ant,StarTAC
Superior Comm.
41145
SKU 93990

torola T193

600 mAh NiMH standard battery
Motorola Inc.
98364/AANN4106
SKU 460172

Battery, 500mah NiMH, T193
Wireless Solutions
426392U
SKU 471324

Vehicle Power Adapter
Motorola Inc.
98246/SYN8087
SKU 433133

Vehicle Power Adapter
Wireless Solutions
410034U
SKU 459078

Convertible Phone Cover
Motorola Inc.
98367/SYN9314
SKU 454139

Convertible Phone Cover
Motorola Inc.
98368/SYN9312
SKU 457170

Convertible Phone Cover
Motorola Inc.
98369/SYN9313
SKU 452107

FPF Tapole Frog
funphonefriend.com
A-05
SKU 417318

FPF Bully-Bulldog
funphonefriend.com
A-01
SKU 425345

FPF Funky Monkey
funphonefriend.com
A-22
SKU 440370

FPF ALI-Alligator
funphonefriend.com
A-19
SKU 454305

FPF Santa
funphonefriend.com
A-27
SKU 474325

FPF Dangles- Dog Hanging Legs
funphonefriend.com
A-15
SKU 481374

FPF Munchie-Manatee
funphonefriend.com
A-24
SKU 482389

FPF Kit Kat- Cat
funphonefriend.com
A-10
SKU 486359

FPF Larry-Lobster
funphonefriend.com
A-7
SKU 488341

FPF Cheeser Mouse
funphonefriend.com
A-21
SKU 490397

FPF Oinky Pig
funphonefriend.com
A-09
SKU 491340

FPF Moo MOO - Cow
funphonefriend.com
A-20
SKU 499325

Travel Charger
Motorola Inc.
SPN4681
SKU 87752

FreeCharge, Blue
Motorola Inc.
98416
SKU 431395

FreeCharge, Yellow
Motorola Inc.
98417
SKU 477300

Travel Charger
Wireless Solutions
497095U
SKU 436083

Carry Case, T193
Motorola Inc.
98366/SYN9418A
SKU 487177

Carry case w/ detachable rotating belt clip
Motorola Inc.
98370/SYN9417A
SKU 481109

Carry Case, Green
Motorola Inc.
98371/SYN9419A
SKU 446124

Illustration not currently available

Leather Case with built-in swivel and Belt Clip
Wireless Solutions
476342U
SKU 473398

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Motorola Accessory Quick Pick

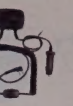
Phone Holster, Medium
Nite Ize
SUMP-07-01
SKU 437345

Boxit Phone Case, Onyx
Nite Ize
NBX-07-01
SKU 422375

Boxit Phone Case, Crystal
Nite Ize
NBX-07-04
SKU 424372

Boxit Phone Case, Citron
Nite Ize
NBX-07-28
SKU 467363

Boxit Phone Case, Aqua
Nite Ize
NBX-07-03
SKU 482355



Easy Install Kit
Motorola Inc.
98365
SKU 468138

Freespeak Bluetooth Headset w/Adapter
Jabra Corporation
100-91030000-02
SKU 435389

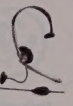
Universal Earbud Headset
Motorola Inc.
SYN9350
SKU 414339

Retractal Head
Motorol
98435/SY
SKU 45

Earbud Headset
Motorola Inc.
98323/AAYN4264
SKU 486111

Retractable HF Headset - Black
Motorola Inc.
98196/SYN8284
SKU 423154

Plantronics Over-The-Head Headset
Plantronics
M110
SKU 36909



Over-The-Head Headset,Vol
Plantronics
M114
SKU 36926

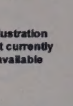
Over-The-Ear Headset
Plantronics
M120
SKU 36954

Plantronics Over-The-Ear Headset
Plantronics
M124
SKU 36981

Plantronics Over-The-Ear Headset
Plantronics
M130
SKU 32055

Illustration not currently available

Over the ear headset
Plantronics
M135/BLUE
SKU 433174



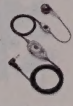
Over th heads
Plantro
M135/ESP
SKU 49

In-The Ear Headset
Plantronics
M140/CHARCOAL
SKU 37000

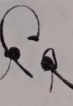
In-The Ear Headset
Plantronics
M140/SILVER
SKU 467122

In-The-Ear Headset, Vol
Plantronics
M145
SKU 37004

Plantronics In-The-Ear Headset
Plantronics
MX100
SKU 410379



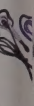
Plantronics Earbud Headset
Plantronics
M205
SKU 437114



Over-Head/Ear Headset
Plantronics
M170
SKU 37022

Over-Head/Ear Headset,Vol
Plantronics
M175
SKU 37030

Bluetooth Headset
Plantronics
M1500 BLUETOOTH
SKU 467353



2.5mm Ea Heads
Wireless So
466052
SKU 46

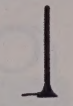
2.5mm Earboom Headset
Wireless Solutions
484028U
SKU 424099

2.5mm Earbud Headset
Wireless Solutions
438045U
SKU 445052

Illustration not currently available

Starter Kit with Leather Case and VPA
Wireless Solutions
410034U
SKU 465313

UltiMount
Pro.Fit International
UL747
SKU 28327



Dual Band Mini-Mag Mount Antenna
Wireless Solutions
454106U
SKU 444380

Antenna Cable
Wireless Solutions
433113U
SKU 451354

Motorola T2200 Series

Motorola AAA NiMH Battery
Motorola Inc.
98247/SNN5542
SKU 493159

AAA Battery, 700mah, NiMH
Wireless Solutions
462021U
SKU 495081

Vehicle Power Adapter
Motorola Inc.
98246/SYN8087
SKU 433133

Vehicle Power Adapter
Wireless Solutions
410034U
SKU 459078

FPF Tapole Frog
funphonefriend.com
A-05
SKU 417318

FPF Bully-Bulldog
funphonefriend.com
A-01
SKU 425345

FPF Funky Monkey
funphonefriend.com
A-22
SKU 440370

FPF Floppy Reg-Brown Dog
funphonefriend.com
A-3
SKU 441386

FPF ALI-A
funphonefrie
A-19
SKU 45

FPF Beary - Lavender Bear
funphonefriend.com
A-17
SKU 472388

FPF Santa
funphonefriend.com
A-27
SKU 474325

FPF Dangles- Dog Hanging Legs
funphonefriend.com
A-15
SKU 481374

FPF Munchie-Manatee
funphonefriend.com
A-24
SKU 482389

FPF Kit Kat- Cat
funphonefriend.com
A-10
SKU 486359

FPF Larry-Lobster
funphonefriend.com
A-7
SKU 488341

FPF Cheeser Mouse
funphonefriend.com
A-21
SKU 490397

FPF Oinky Pig
funphonefriend.com
A-09
SKU 491340

FPF Moo M Cow
funphonefrie
A-20
SKU 49

Travel Charger
Motorola Inc.
SPN4681
SKU 87752

FreeCharge, Blue
Motorola Inc.
98416
SKU 431395

FreeCharge, Yellow
Motorola Inc.
98417
SKU 477300

Travel Charger
Wireless Solutions
497095U
SKU 436083

Leather Case
Motorola Inc.
98265/SYN8441
SKU 495107

Sling Pack Case, Orange
Motorola Inc.
SYN8440
SKU 81465

Leather Case with built-in swivel and Belt Clip
Wireless Solutions
448041U
SKU 414074

Vinyl-face Leather Case with swivel and Belt Clip
Wireless Solutions
458022U
SKU 439087

Universal B
Wireless So
3075
SKU 30

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Motorola Accessory Quick Pick

Universal Belt Clip
Wireless Solutions
458379U
SKU 413338

Handsfree Kit
Motorola Inc.
98245
SKU 71123

Freespeak Bluetooth Headset w/Adapter
Jabra Corporation
100-91030000-02
SKU 435389

Handsfree Earset
Jabra Corporation
ES2.5MM302
SKU 65303

EarBud Headset, 2.5mm
Jabra Corporation
EB2.5MM302
SKU 481060

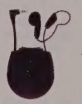
EarWrap, with 2.5mm jack
Jabra Corporation
EW2.5MM402
SKU 411070

Universal Earbud Headset
Motorola Inc.
SYN9350
SKU 414339

Over-ear Headset
Motorola Inc.
98328/SYN8908
SKU 458101

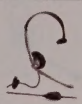
Retractable HF Headset
Motorola Inc.
98435/SYN9050
SKU 458300

Earbud Headset
Motorola Inc.
98323/AAYN4264
SKU 486111



Retractable HF Headset - Black
Motorola Inc.
98196/SYN8284
SKU 423154

Plantronics Over-The-Head Headset
Plantronics
M110
SKU 36909



Over-The-Head Headset,Vol
Plantronics
M114
SKU 36926

Over-The-Ear Headset
Plantronics
M120
SKU 36954

Plantronics Over-The-Ear Headset
Plantronics
M124
SKU 36981

Plantronics Over-The-Ear Headset
Plantronics
M130
SKU 32055

Illustration not currently available

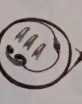
Over the ear headset
Plantronics
M135/BLUE
SKU 433174

Over the ear headset
Plantronics
M135/ESPRESSO
SKU 497082

In-The Ear Headset
Plantronics
M140/CHARCOAL
SKU 37000

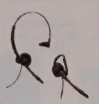
In-The Ear Headset
Plantronics
M140/SILVER
SKU 467122

In-The-Ear Headset, Vol
Plantronics
M145
SKU 37004



Plantronics In-The-Ear Headset
Plantronics
MX100
SKU 410379

Plantronics Earbud Headset
Plantronics
M205
SKU 437114



Over-Head/Ear Headset
Plantronics
M170
SKU 37022

Over-Head/Ear Headset,Vol
Plantronics
M175
SKU 37030

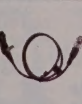
Bluetooth Headset
Plantronics
M1500 BLUETOOTH
SKU 467353

2.5mm Earwrap Headset
Wireless Solutions
466053U
SKU 460165

2.5mm Earboom Headset
Wireless Solutions
484028U
SKU 424099

2.5mm Earbud Headset
Wireless Solutions
438045U
SKU 445052

UltiMount
Pro.Fit International
UL747
SKU 28327



ClearConnect Cbl, T22/V22xx,V120c
Superior Comm.
45643
SKU 457009

otorola T720

Lilo Slim Internal Battery
Motorola Inc.
98479/SNN5582
SKU 427392

High Performance Lilo Battery
Motorola Inc.
98480/SNN5588
SKU 481316

Extra Capacity Battery
Motorola Inc.
98481/SNN5595
SKU 498384

Vehicle Power Adapter
Motorola Inc.
98307/SYN7818
SKU 453147

Travel Charger
Motorola Inc.
98357/SPN4940
SKU 482196

Desktop Charger
Motorola Inc.
98412
SKU 490126

FreeCharge, Blue
Motorola Inc.
98418
SKU 477318

FreeCharge, Yellow
Motorola Inc.
98419
SKU 495319

Universal Belt Clip
Wireless Solutions
30754
SKU 30754

Handsfree Car Kit
Motorola Inc.
98308
SKU 420140

Desktop Speaker
Motorola Inc.
98422/SPN5028
SKU 417142

Desktop Speaker
Motorola Inc.
98421/SPN5027
SKU 458147

Installed Handsfree Car Kit
Motorola Inc.
S9610
SKU 428123

Illustration not currently available

Hang-up Cup
Motorola Inc.
SYN0371
SKU 493343

Self-Install HF Car Kit
Motorola Inc.
98413
SKU 417390

Freespeak Bluetooth Headset w/Adapter
Jabra Corporation
100-91030000-02
SKU 435389

Universal Earbud Headset
Motorola Inc.
SYN9350
SKU 414339

Over-ear Headset
Motorola Inc.
98328/SYN8908
SKU 458101

Retractable HF Headset
Motorola Inc.
98435/SYN9050
SKU 458300

Earbud Headset
Motorola Inc.
98323/AAYN4264
SKU 486111

Retractable HF Headset - Black
Motorola Inc.
98196/SYN8284
SKU 423154

One Touch Headset
Motorola Inc.
SYN9351
SKU 457331

FM Radio Headset
Motorola Inc.
98310/SYN8609
SKU 444108

Plantronics Over-The-Head Headset
Plantronics
M110
SKU 36909

Over-The-Head Headset,Vol
Plantronics
M114
SKU 36926

Over-The-Ear Headset
Plantronics
M120
SKU 36954

Plantronics Over-The-Ear Headset
Plantronics
M124
SKU 36981

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Motorola Accessory Quick Pick

Plantronics Over-The-Ear Headset
Plantronics
M130
SKU 32055

Illustration not currently available

Over the ear headset
Plantronics
M135/BLUE
SKU 433174

Over the ear headset
Plantronics
M135/ESPRESSO
SKU 497082

In-The Ear Headset
Plantronics
M140/CHARCOAL
SKU 37000

In-The Ear Headset
Plantronics
M140/SILVER
SKU 467122

In-The-Ear Headset, Vol
Plantronics
M145
SKU 37004

Plantronics In-The-Ear Headset
Plantronics
MX100
SKU 410379

Plantronics Earbud Headset
Plantronics
M205
SKU 437114

Over-Hea Heads
Plantro
M17
SKU 37

Over-Head/Ear Headset,Vol
Plantronics
M175
SKU 37030

Bluetooth Headset
Plantronics
M1500 BLUETOOTH
SKU 467353

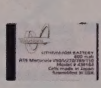
Motorola Timeport 270c

High Performance Lilo Battery
Motorola Inc.
98317/SNN5705
SKU 494156

Battery Door
Motorola Inc.
SHN7681
SKU 430151

Battery & Door, 1350mah, Lilo
Motorola Inc.
SNN5716/SHN7682
SKU 495168

Battery Door
Motorola Inc.
SHN7682
SKU 425157



Battery, 600mah, Lilo
Wireless Solutions
430184U
SKU 417154

Vehicle Power Adapter
Motorola Inc.
98307/SYN7818
SKU 453147

Vehicle Power Adapter
Wireless Solutions
463164U
SKU 416141

FPF Tapole Frog
funphonefriend.com
A-05
SKU 417318

FPF Bully-E
funphonefrie
A-01
SKU 425

FPF Funky Monkey
funphonefriend.com
A-22
SKU 440370

FPF Floppy Reg-Brown Dog
funphonefriend.com
A-3
SKU 441386

FPF ALI-Alligator
funphonefriend.com
A-19
SKU 454305

FPF Beary - Lavender Bear
funphonefriend.com
A-17
SKU 472388

FPF Santa
funphonefriend.com
A-27
SKU 474325

FPF Dangles- Dog Hanging Legs
funphonefriend.com
A-15
SKU 481374

FPF Munchie-Manatee
funphonefriend.com
A-24
SKU 482389

FPF Kit Kat- Cat
funphonefriend.com
A-10
SKU 486359

FPF Larry-L
funphonefrie
A-7
SKU 488

FPF Cheeser Mouse
funphonefriend.com
A-21
SKU 490397

FPF Oinky Pig
funphonefriend.com
A-09
SKU 491340

FPF Moo MOO - Cow
funphonefriend.com
A-20
SKU 499325

Travel Charger
Motorola Inc.
98357/SPN4940
SKU 482196

Dual Pocket Desktop Charger
Motorola Inc.
98358/SPN5029
SKU 476345

Desktop Charger
Motorola Inc.
98412
SKU 490126

FreeCharge, Blue
Motorola Inc.
98418
SKU 477318

FreeCharge, Yellow
Motorola Inc.
98419
SKU 495319

Travel Ch
Wireless So
466135
SKU 418

Leather Case
Motorola Inc.
98312/SYN9071
SKU 489127

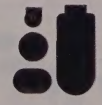
Illustration not currently available

Leather Case with built-in swivel and Belt Clip
Wireless Solutions
45512U
SKU 465132

Phone Holster
Motorola Inc.
98315
SKU 497126

Belt Clip, 270
Motorola Inc.
SYN0425
SKU 490285

Universal Belt Clip
Wireless Solutions
30754
SKU 30754



Universal Belt Clip
Wireless Solutions
458379U
SKU 413338

Handsfree Car Kit
Motorola Inc.
98308
SKU 420140

Desktop Speaker
Motorola Inc.
98421/SPN5027
SKU 458147

Installed Har Car Ki
Motorola
S9610
SKU 428

Illustration not currently available

Installed Handsfree Car Kit
Motorola Inc.
S9564
SKU 461118

Hang-up Cup
Motorola Inc.
SYN0403
SKU 491303

Self-Install HF Car Kit
Motorola Inc.
98413
SKU 417390

Bluetooth Headset, 270c
Motorola Inc.
98405
SKU 473177

Bluetooth PhoneModule 270
Motorola Inc.
99332/SYN8705
SKU 485180

Freespeak Bluetooth Headset w/Adapter
Jabra Corporation
100-91030000-02
SKU 435389

Universal Earbud Headset
Motorola Inc.
SYN9350
SKU 414339

Over-ear Headset
Motorola Inc.
98328/SYN8908
SKU 458101

Retractabl Headse
Motorola
98435/SYN
SKU 458

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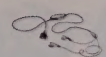
Motorola Accessory Quick Pick

Earbud Headset
Motorola Inc.
98323/AAYN4264
SKU 486111

Retractable HF Headset - Black
Motorola Inc.
98196/SYN8284
SKU 423154

One Touch Headset
Motorola Inc.
SYN9351
SKU 457331



FM Radio Headset
Motorola Inc.
98310/SYN8609
SKU 444108

MP3 Player Headset
Motorola Inc.
98381
SKU 428368

Plantronics Over-The-Head Headset
Plantronics
M110
SKU 36909

Over-The-Head Headset,Vol
Plantronics
M114
SKU 36926

Over-The-Ear Headset
Plantronics
M120
SKU 36954

Plantronics Over-The-Ear Headset
Plantronics
M124
SKU 36981

Plantronics Over-The-Ear Headset
Plantronics
M130
SKU 32055

Illustration not currently available

Over the ear headset
Plantronics
M135/BLUE
SKU 433174

Over the ear headset
Plantronics
M135/ESPRESSO
SKU 497082

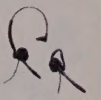
In-The Ear Headset
Plantronics
M140/CHARCOAL
SKU 37000

In-The Ear Headset
Plantronics
M140/SILVER
SKU 467122

In-The-Ear Headset, Vol
Plantronics
M145
SKU 37004

Plantronics In-The-Ear Headset
Plantronics
MX100
SKU 410379

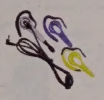
Plantronics Earbud Headset
Plantronics
M205
SKU 437114



Over-Head/Ear Headset
Plantronics
M170
SKU 37022

Over-Head/Ear Headset,Vol
Plantronics
M175
SKU 37030

Bluetooth Headset
Plantronics
M1500 BLUETOOTH
SKU 467353



2.5mm Earwrap Headset
Wireless Solutions
466053U
SKU 460165

2.5mm Earboom Headset
Wireless Solutions
484028U
SKU 424099

2.5mm Earbud Headset
Wireless Solutions
438045U
SKU 445052

Illustration not currently available

Starter Kit, 270c
Motorola Inc.
463157/453130
SKU 451123

Illustration not currently available

Starter Kit
Wireless Solutions
411149U
SKU 438176

Bluetooth Kit, 270c
Motorola Inc.
99331
SKU 436130

Multi-Connect Serial Data Kit
Motorola Inc.
98320
SKU 438121

USB Data Kit
Motorola Inc.
98326
SKU 460128

Multi-Connect Serial Data Kit
Motorola Inc.
98321
SKU 490191

Multi-Connect Serial Data Kit
Motorola Inc.
98347
SKU 477174

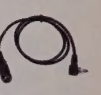
Serial Data Cable
Motorola Inc.
59141
SKU 447167

USB Data Cable
Motorola Inc.
SKN6311
SKU 454166

Data Cable for Compaq iPAQ
Motorola Inc.
59618A
SKU 456190

Data Cable for Compaq iPAQ
Motorola Inc.
59908
SKU 417368

Dual Band Mini-Mag Mount Antenna
Wireless Solutions
454106U
SKU 444380



Antenna Cable
Wireless Solutions
446133U
SKU 465389

ClearConnect Cbl, Mot 270c
Superior Comm.
46643
SKU 454357

Illustration not currently available

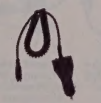
ClearConnect/Ant, 270c
Superior Comm.
46645
SKU 426348

High Performance Lilo Battery
Motorola Inc.
98317/SNN5705
SKU 494156

Battery Door
Motorola Inc.
SYN8962
SKU 424199

Battery, 600mah, Lilo
Wireless Solutions
430184U
SKU 417154

Vehicle Power Adapter
Motorola Inc.
98307/SYN7818
SKU 453147



Vehicle Power Adapter
Wireless Solutions
463164U
SKU 416141

FPF Tapole Frog
funphonefriend.com
A-05
SKU 417318

FPF Bully-Bulldog
funphonefriend.com
A-01
SKU 425345

FPF Funky Monkey
funphonefriend.com
A-22
SKU 440370

FPF Floppy Reg-Brown Dog
funphonefriend.com
A-3
SKU 441386

FPF ALI-Alligator
funphonefriend.com
A-19
SKU 454305

FPF Beary - Lavender Bear
funphonefriend.com
A-17
SKU 472388

FPF Santa
funphonefriend.com
A-27
SKU 474325

FPF Dangles- Dog Hanging Legs
funphonefriend.com
A-15
SKU 481374

FPF Munchie-Manatee
funphonefriend.com
A-24
SKU 482389

FPF Kit Kat- Cat
funphonefriend.com
A-10
SKU 486359

FPF Larry-Lobster
funphonefriend.com
A-7
SKU 488341

FPF Cheeser Mouse
funphonefriend.com
A-21
SKU 490397

FPF Oinky Pig
funphonefriend.com
A-09
SKU 491340

torola Time-
port 280

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Motorola Accessory Quick Pick

FPF Moo MOO - Cow
funphonefriend.com
A-20
SKU 499325

Travel Charger
Motorola Inc.
98357/SPN4940
SKU 482196

Dual Pocket Desktop Charger
Motorola Inc.
98358/SPN5029
SKU 476345

Desktop Charger
Motorola Inc.
98412
SKU 490126

FreeCharge, Blue
Motorola Inc.
98418
SKU 477318

FreeCharge, Yellow
Motorola Inc.
98419
SKU 495319

Travel Charger
Wireless Solutions
466135U
SKU 418198

Leather carry case w/ belt clip
Motorola Inc.
98353/SYN8847
SKU 460134

Universal Bel
Wireless Solu
30754
SKU 307

Universal Belt Clip
Wireless Solutions
458379U
SKU 413338

Handsfree Car Kit
Motorola Inc.
98308
SKU 420140

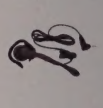
Desktop Speaker
Motorola Inc.
98422/SPN5028
SKU 417142

Hang-up Cup
Motorola Inc.
SYN9270
SKU 491250

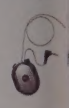
Self-Install HF Car Kit
Motorola Inc.
98413
SKU 417390

Freespeak Bluetooth Headset w/Adapter
Jabra Corporation
100-91030000-02
SKU 435389

Universal Earbud Headset
Motorola Inc.
SYN9350
SKU 414339

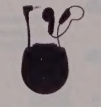


Over-ear Headset
Motorola Inc.
98328/SYN8908
SKU 458101



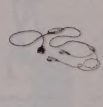
Retractable Headset
Motorola In
98435/SYN9
SKU 458

Earbud Headset
Motorola Inc.
98323/AAYN4264
SKU 486111



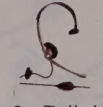
Retractable HF Headset - Black
Motorola Inc.
98196/SYN8284
SKU 423154

One Touch Headset
Motorola Inc.
SYN9351
SKU 457331



FM Radio Headset
Motorola Inc.
98310/SYN8609
SKU 444108

Plantronics Over-The-Head Headset
Plantronics
M110
SKU 36909



Over-The-Head Headset,Vol
Plantronics
M114
SKU 36926

Over-The-Ear Headset
Plantronics
M120
SKU 36954

Plantronics Over-The-Ear Headset
Plantronics
M124
SKU 36981

Plantronics O The-Ear Hea
Plantronic
M130
SKU 320

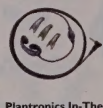
Illustration not currently available

Over the ear headset
Plantronics
M135/BLUE
SKU 433174

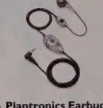
Over the ear headset
Plantronics
M135/ESPRESSO
SKU 497082

In-The Ear Headset
Plantronics
M140/CHARCOAL
SKU 37000

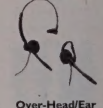
In-The Ear Headset
Plantronics
M140/SILVER
SKU 467122



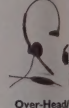
In-The-Ear Headset, Vol
Plantronics
M145
SKU 37004



Plantronics In-The-Ear Headset
Plantronics
MX100
SKU 410379



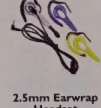
Plantronics Earbud Headset
Plantronics
M205
SKU 437114



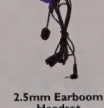
Over-Head/Ear Headset
Plantronics
M170
SKU 37022

Over-Head/ Headset,V
Plantronic
M175
SKU 370

Bluetooth Headset
Plantronics
M1500 BLUETOOTH
SKU 467353



2.5mm Earwrap Headset
Wireless Solutions
466053U
SKU 460165



2.5mm Earboom Headset
Wireless Solutions
484028U
SKU 424099

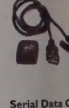
2.5mm Earbud Headset
Wireless Solutions
438045U
SKU 445052

Multi-Connect Serial Data Kit
Motorola Inc.
98320
SKU 438121

USB Data Kit
Motorola Inc.
98326
SKU 460128

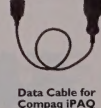
Multi-Connect Serial Data Kit
Motorola Inc.
98321
SKU 490191

Multi-Connect Serial Data Kit
Motorola Inc.
98347
SKU 477174

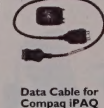


Serial Data C
Motorola In
S9141
SKU 447

USB Data Cable
Motorola Inc.
SKN6311
SKU 454166



Data Cable for Compaq iPAQ
Motorola Inc.
S9618A
SKU 456190



Data Cable for Compaq iPAQ
Motorola Inc.
S9908
SKU 417368

UltiMount
Pro.Fit International
UL747
SKU 28327

TESSCO TECHNOLOGIES®
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NEW = New Listing. Pricing for reference
See TESSCO.com for latest pricing and pr
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Motorola Accessory Quick Pick

torola V.60 Series

500 mAh Lilo Slim Internal Battery
Motorola Inc.
98338/SNN5717
SKU 410133

Battery door, 500 mAh
Motorola Inc.
SYN9072
SKU 448132

Battery Door
Motorola Inc.
SYN9412
SKU 495135

Battery w/door, 800 mAh, Lilo
Motorola Inc.
SNN5705/SYN9073
SKU 454135

High Performance Lilo Battery
Motorola Inc.
98317/SNN5705
SKU 494156

Battery Door
Motorola Inc.
SYN9413
SKU 436126

Battery door, 800 mAh
Motorola Inc.
SYN9073
SKU 483131

Battery w/ Metallic Door
Motorola Inc.
SNN5706/SYN9074
SKU 416146

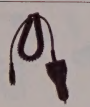
Extra Capacity Battery, 1100 mAh, Lilo
Motorola Inc.
SNN5706
SKU 416163

Battery door, 1100 mAH
Motorola Inc.
SYN9074
SKU 427139

Battery Door
Motorola Inc.
SYN9414
SKU 432127

Battery, 600mah, Lilo
Wireless Solutions
430184U
SKU 417154

Vehicle Power Adapter
Motorola Inc.
98307/SYN7818
SKU 453147



Vehicle Power Adapter
Wireless Solutions
463164U
SKU 416141

FPF Daisy Denim Flip- Jean Flower
funphonefriend.com
A-25
SKU 427352

FPF Spotty Flip-Dalmation Dog
funphonefriend.com
A-16
SKU 468391

FPF Floppy Flip-Golden Dog
funphonefriend.com
A-4
SKU 498359

Travel Charger
Motorola Inc.
98357/SPN4940
SKU 482196

Dual Pocket Desktop Charger
Motorola Inc.
98358/SPN5029
SKU 476345

Desktop Charger
Motorola Inc.
98412
SKU 490126

FreeCharge, Blue
Motorola Inc.
98418
SKU 477318

FreeCharge, Yellow
Motorola Inc.
98419
SKU 495319

Travel Charger
Wireless Solutions
466135U
SKU 418198

Leather Case w/belt clip
Motorola Inc.
98313/SYN8463
SKU 421178

Carry Pouch
Motorola Inc.
SYN8848
SKU 452100

Leather Case with built-in swivel and Belt Clip
Wireless Solutions
428120U
SKU 430180

Phone Holster
Wireless Solutions
415154U
SKU 483145

Holster
Motorola Inc.
SYN0375
SKU 412399

Universal Belt Clip
Wireless Solutions
30754
SKU 30754

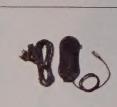
Universal Belt Clip
Wireless Solutions
458379U
SKU 413338

Handsfree Car Kit
Motorola Inc.
98308
SKU 420140

Desktop Speaker
Motorola Inc.
98422/SPN5028
SKU 417142

Desktop Speaker
Motorola Inc.
98421/SPN5027
SKU 458147

Clip on Hands Free Speaker
Motorola Inc.
98359/SYN9347
SKU 463198



Hang-up Cup
Motorola Inc.
SYN0301
SKU 416368

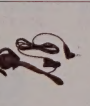
Installed Handsfree Car Kit
Motorola Inc.
S9610
SKU 428123

Installed Handsfree Car Kit
Motorola Inc.
S9563
SKU 435171

Self-Install HF Car Kit
Motorola Inc.
98413
SKU 417390

Freespeak Bluetooth Headset w/Adapter
Jabra Corporation
100-91030000-02
SKU 435389

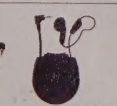
Universal Earbud Headset
Motorola Inc.
SYN9350
SKU 414339



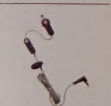
Over-ear Headset
Motorola Inc.
98328/SYN8908
SKU 458101

Retractable HF Headset
Motorola Inc.
98435/SYN9050
SKU 458300

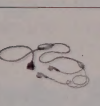
Earbud Headset
Motorola Inc.
98323/AAYN4264
SKU 486111



Retractable HF Headset - Black
Motorola Inc.
98196/SYN8284
SKU 423154

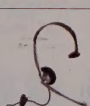


One Touch Headset
Motorola Inc.
SYN9351
SKU 457331

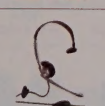


FM Radio Headset
Motorola Inc.
98310/SYN8609
SKU 444108

MP3 Player Headset
Motorola Inc.
98381
SKU 428368



Plantronics Over-The-Head Headset
Plantronics
M110
SKU 36909



Over-The-Head Headset,Vol
Plantronics
M114
SKU 36926

Over-The-Ear Headset
Plantronics
M120
SKU 36954

Plantronics Over-The-Ear Headset
Plantronics
M124
SKU 36981

Plantronics Over-The-Ear Headset
Plantronics
M130
SKU 32055

Illustration not currently available

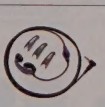
Over the ear headset
Plantronics
M135/BLUE
SKU 433174

Over the ear headset
Plantronics
M135/ESPRESSO
SKU 497082

In-The Ear Headset
Plantronics
M140/CHARCOAL
SKU 37000

In-The Ear Headset
Plantronics
M140/SILVER
SKU 467122

In-The-Ear Headset, Vol
Plantronics
M145
SKU 37004



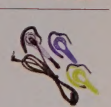
Plantronics In-The-Ear Headset
Plantronics
MX100
SKU 410379

Plantronics Earbud Headset
Plantronics
M205
SKU 437114

Over-Head/Ear Headset
Plantronics
M170
SKU 37022

Over-Head/Ear Headset,Vol
Plantronics
M175
SKU 37030

Bluetooth Headset
Plantronics
M1500 BLUETOOTH
SKU 467353



2.5mm Earwrap Headset
Wireless Solutions
466053U
SKU 460165

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Motorola Accessory Quick Pick

2.5mm Earboom Headset
Wireless Solutions
484028U
SKU 424099

2.5mm Earbud Headset
Wireless Solutions
438045U
SKU 445052

Starter Kit, 60c/g/t
Motorola Inc.
463157/451162
SKU 442178

Starter Kit
Wireless Solutions
411149U
SKU 444101

Replacement Antenna
Motorola Inc.
8589650K22
SKU 490358

Antenna Removal Tool
Motorola Inc.
6609414J02
SKU 464395

Multi-Connect Serial Data Kit
Motorola Inc.
98320
SKU 438121

USB Data Kit
Motorola Inc.
98326
SKU 460128

Multi-Conn Serial Data
Motorola I
98321
SKU 4901

Multi-Connect Serial Data Kit
Motorola Inc.
98347
SKU 477174

Serial Data Cable
Motorola Inc.
59141
SKU 447167

USB Data Cable
Motorola Inc.
SKN6311
SKU 454166

Data Cable for Compaq iPAQ
Motorola Inc.
59618A
SKU 456190

Data Cable for Compaq iPAQ
Motorola Inc.
59908
SKU 417368

Dual Band Mini-Mag Mount Antenna
Wireless Solutions
454106U
SKU 444380

Antenna Cable
Wireless Solutions
488193U
SKU 459366

Illustration not currently available

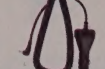
ClearConnect Cbl, Mot V60
Superior Comm.
41643
SKU 469346

ClearConnec V60
Superior Co
41645
SKU 4623

Motorola AAA NiMH Battery
Motorola Inc.
98247/SNN5542
SKU 493159

AAA Battery, 700mah, NiMH
Wireless Solutions
462021U
SKU 495081

Vehicle Power Adapter
Motorola Inc.
98246/SYN8087
SKU 433133



Vehicle Power Adapter
Wireless Solutions
410034U
SKU 459078

Phone Wrap, Saffron
Motorola Inc.
98256/SYN8411
SKU 410145

Phone Wrap, Canary
Motorola Inc.
98259/SYN8579
SKU 418116

Phone Wrap, Stone
Motorola Inc.
98257/SYN8412
SKU 424161

Phone Wrap, Brick
Motorola Inc.
98262/SYN8577
SKU 455160

Phone Wr Mango
Motorola I
98258/SYN8
SKU 4581

Motorola V2200, V2300 Series

Phone Wrap, Quartz
Motorola Inc.
98249/SYN8408
SKU 460110

Phone Wrap, Glass
Motorola Inc.
98255/SYN8410
SKU 464191

Phone Wrap, Ruby
Motorola Inc.
98261/SYN8581
SKU 479136

Phone Wrap, Wave
Motorola Inc.
98254/SYN8409
SKU 479160

Phone Wrap, Azure
Motorola Inc.
98260/SYN8580
SKU 480121

Phone Wrap, Electric Lime
Motorola Inc.
98269/SYN8470
SKU 427135

Phone Wrap, Honeydew
Motorola Inc.
98253/SYN8468
SKU 446166

Phone Wrap, Hyacinth Blue
Motorola Inc.
98271/SYN8471
SKU 447133

Phone Wr Marlin
Motorola I
98270/SYN8
SKU 4551

Phone Wrap, Orange
Motorola Inc.
98268/SYN8469
SKU 487139

Faceplate, Electric Blue, Motorola V2200 Series
AleEv (formerly MTU)
80766
SKU 449091

Faceplate, Ferrari Silver, Motorola V2200 Series
AleEv (formerly MTU)
80765
SKU 495062

Faceplate, Honey Red, Motorola V2200 Series
AleEv (formerly MTU)
80764
SKU 414068

Faceplate, Royal Purple, Motorola V2200 Series
AleEv (formerly MTU)
80769
SKU 490071

Faceplate, Tri-Tone, Motorola V2200 Series
AleEv (formerly MTU)
80768
SKU 471032

Faceplate, Yellow, Motorola V2200 Series
AleEv (formerly MTU)
80762
SKU 498087

Phone Glove, Transparent Blue
AleEv (formerly MTU)
80787
SKU 446064

Phone Glo Transparent
AleEv (formerly
80777
SKU 4800

Phone Glove, Transparent Orange, Motorola V2200
AleEv (formerly MTU)
80779
SKU 445072

Phone Glove, Transparent Pink, Motorola V2200
AleEv (formerly MTU)
80778
SKU 492037

Phone Glove, Transparent Yellow, Motorola V2200
AleEv (formerly MTU)
80786
SKU 453011

FPF Tapole Frog
funphonefriend.com
A-05
SKU 417318

FPF Bully-Bulldog
funphonefriend.com
A-01
SKU 425345

FPF Funky Monkey
funphonefriend.com
A-22
SKU 440370

FPF Floppy Reg-Brown Dog
funphonefriend.com
A-3
SKU 441386

FPF ALI-Alligator
funphonefriend.com
A-19
SKU 454305

FPF Bear Lavender B
funphonefrien
A-17
SKU 4723

FPF Santa
funphonefriend.com
A-27
SKU 474325

FPF Dangles- Dog Hanging Legs
funphonefriend.com
A-15
SKU 481374

FPF Munchie-Manatee
funphonefriend.com
A-24
SKU 482389

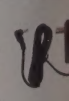
FPF Kit Kat- Cat
funphonefriend.com
A-10
SKU 486359

FPF Larry-Lobster
funphonefriend.com
A-7
SKU 488341

FPF Cheeser Mouse
funphonefriend.com
A-21
SKU 490397

FPF Oinky Pig
funphonefriend.com
A-09
SKU 491340

FPF Moo MOO - Cow
funphonefriend.com
A-20
SKU 499325



Travel Cha
Motorola I
SPN468
SKU 877

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Motorola Accessory Quick Pick

FreeCharge, Blue
Motorola Inc.
98416
SKU 431395

FreeCharge, Yellow
Motorola Inc.
98417
SKU 477300

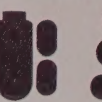
Travel Charger
Wireless Solutions
497095U
SKU 436083

Leather Case with Belt Clip
Motorola Inc.
98266/SHN7471
SKU 464169

Leather case with built-in swivel and Belt Clip
Wireless Solutions
436084U
SKU 436057

Vinyl-face Leather Case with swivel and Belt Clip
Wireless Solutions
447067U
SKU 464028

Phone Holster
Wireless Solutions
491153U
SKU 435107



Universal Belt Clip
Wireless Solutions
30754
SKU 30754

Universal Belt Clip
Wireless Solutions
458379U
SKU 413338

Handsfree Kit
Motorola Inc.
98245
SKU 71123

Freespeak Bluetooth Headset w/Adapter
Jabra Corporation
100-91030000-02
SKU 435389

Universal Earbud Headset
Motorola Inc.
SYN9350
SKU 414339

Over-ear Headset
Motorola Inc.
98328/SYN8908
SKU 458101

Retractable HF Headset
Motorola Inc.
98435/SYN9050
SKU 458300

Earbud Headset
Motorola Inc.
98323/AAYN4264
SKU 486111

Retractable HF Headset - Black
Motorola Inc.
98196/SYN8284
SKU 423154

Plantronics Over-The-Head Headset
Plantronics
M110
SKU 36909

Over-The-Head Headset,Vol
Plantronics
M114
SKU 36926

Over-The-Ear Headset
Plantronics
M120
SKU 36954

Plantronics Over-The-Ear Headset
Plantronics
M124
SKU 36981

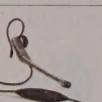
Plantronics Over-The-Ear Headset
Plantronics
M130
SKU 32055

Illustration not currently available

Over the ear headset
Plantronics
M135/BLUE
SKU 433174

Over the ear headset
Plantronics
M135/ESPRESSO
SKU 497082

In-The Ear Headset
Plantronics
M140/CHARCOAL
SKU 37000



In-The Ear Headset
Plantronics
M140/SILVER
SKU 467122

In-The-Ear Headset, Vol
Plantronics
M145
SKU 37004

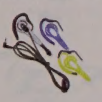
Plantronics In-The-Ear Headset
Plantronics
MX100
SKU 410379

Plantronics Earbud Headset
Plantronics
M205
SKU 437114

Over-Head/Ear Headset
Plantronics
M170
SKU 37022

Over-Head/Ear Headset,Vol
Plantronics
M175
SKU 37030

Bluetooth Headset
Plantronics
M1500 BLUETOOTH
SKU 467353

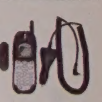


2.5mm Earwrap Headset
Wireless Solutions
466053U
SKU 460165

2.5mm Earboom Headset
Wireless Solutions
484028U
SKU 424099

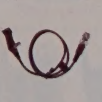
2.5mm Earbud Headset
Wireless Solutions
438045U
SKU 445052

Starter Kit
Motorola Inc.
473116/480120
SKU 412147



Starter Kit with Leather Case and VPA
Wireless Solutions
410034U
SKU 453065

UltiMount
Pro.Fit International
UL747
SKU 28327



ClearConnect Cbl, T22/V22xx,V120c
Superior Comm.
45643
SKU 457009

torola V60i

500 mAh Lilo Slim Internal Battery
Motorola Inc.
98338/SNN5717
SKU 410133

Battery w/door, 800 mAh, Lilo
Motorola Inc.
SNN5705/SYN9073
SKU 454135

High Performance Lilo Battery
Motorola Inc.
98317/SNN5705
SKU 494156

Extra Capacity Battery, I100 mAh, Lilo
Motorola Inc.
SNN5706
SKU 416163

Vehicle Power Adapter
Motorola Inc.
98307/SYN7818
SKU 453147

High Performance Convertible Cover
Motorola Inc.
98447/SYN0432
SKU 482377

High Performance Convertible Cover
Motorola Inc.
98449/SYN0434
SKU 470388

High Performance Convertible Cover
Motorola Inc.
98443/SYN0428
SKU 476379

High Performance Convertible Cover
Motorola Inc.
98445/SYN0430
SKU 456359

High Performance Convertible Cover
Motorola Inc.
98451/SYN0436
SKU 418374

Slim Convertible Cover
Motorola Inc.
98446/SYN0431
SKU 413393

Slim Convertible Cover
Motorola Inc.
98448/SYN0433
SKU 464318

Slim Convertible Cover
Motorola Inc.
98442/SYN0427
SKU 482353

Slim Convertible Cover
Motorola Inc.
98444/SYN0429
SKU 474366

Slim Convertible Cover
Motorola Inc.
98450/SYN0435
SKU 458391

Travel Charger
Motorola Inc.
98357/SPN4940
SKU 482196

Desktop Charger
Motorola Inc.
98412
SKU 490126

FreeCharge, Blue
Motorola Inc.
98418
SKU 477318

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Motorola Accessory Quick Pick

FreeCharge, Yellow
Motorola Inc.
98419
SKU 495319

Leather Case w/belt clip
Motorola Inc.
98313/SYN8463
SKU 421178

Carry Pouch
Motorola Inc.
SYN8848
SKU 452100

Illustration not currently available

Phone Holster, Small
Nite Ize
SUSP-07-01
SKU 475394

Boxit Phone Case, Onyx
Nite Ize
NBX-07-01
SKU 422375

Boxit Phone Case, Crystal
Nite Ize
NBX-07-04
SKU 424372

Boxit Phone Case, Citron
Nite Ize
NBX-07-28
SKU 467363

Boxit Phone Case, Aqua
Nite Ize
NBX-07-03
SKU 482355

Hols
Motorc
SYN
SKU 4

Handsfree Car Kit
Motorola Inc.
98308
SKU 420140

Desktop Speaker
Motorola Inc.
98422/SPN5028
SKU 417142

Desktop Speaker
Motorola Inc.
98421/SPN5027
SKU 458147

Self-Install HF Car Kit
Motorola Inc.
98413
SKU 417390

Freespeak Bluetooth Headset w/Adapter
Jabra Corporation
100-91030000-02
SKU 435389

Universal Earbud Headset
Motorola Inc.
SYN9350
SKU 414339

Over-ear Headset
Motorola Inc.
98328/SYN8908
SKU 458101

Retractable HF Headset
Motorola Inc.
98435/SYN9050
SKU 458300

Earbud
Motorc
98323/AA
SKU 4

Retractable HF Headset - Black
Motorola Inc.
98196/SYN8284
SKU 423154

One Touch Headset
Motorola Inc.
SYN9351
SKU 457331

FM Radio Headset
Motorola Inc.
98310/SYN8609
SKU 444108

Plantronics Over-The-Head Headset
Plantronics
M110
SKU 36909

Over-The-Head Headset,Vol
Plantronics
M114
SKU 36926

Over-The-Ear Headset
Plantronics
M120
SKU 36954

Plantronics Over-The-Ear Headset
Plantronics
M124
SKU 36981

Plantronics Over-The-Ear Headset
Plantronics
M130
SKU 32055

Illustr not cu avai

Over t head
Plantr
M135/
SKU 4

Over the ear headset
Plantronics
M135/ESPRESSO
SKU 497082

In-The Ear Headset
Plantronics
M140/CHARCOAL
SKU 37000

In-The Ear Headset
Plantronics
M140/SILVER
SKU 467122

In-The-Ear Headset, Vol
Plantronics
M145
SKU 37004

Plantronics In-The-Ear Headset
Plantronics
MX100
SKU 410379

Plantronics Earbud Headset
Plantronics
M205
SKU 437114

Over-Head/Ear Headset
Plantronics
M170
SKU 37022

Over-Head/Ear Headset,Vol
Plantronics
M175
SKU 37030

Bluetooth
Plantr
M1500 BLU
SKU 4

Motorola V66

500 mAh Lilo Slim Internal Battery
Motorola Inc.
SNN5611
SKU 426330

500 mAh Lilo Slim Internal Battery
Motorola Inc.
98375/SNN5609
SKU 457337

Extra capacity Lilo battery, 1000 mAh
Motorola Inc.
SNN5619
SKU 446323

Vehicle Power Adapter
Motorola Inc.
98307/SYN7818
SKU 453147

Bezels, 3-Pack, V66
Motorola Inc.
98379/SYN9357
SKU 414381

Bezels, 3-Pack, V66
Motorola Inc.
98378/SYN9356
SKU 468339

Bezels, 3-Pack, V66
Motorola Inc.
98377/SYN9355
SKU 480313

FPF Daisy Denim Flip- Jean Flower
funphonefriend.com
A-25
SKU 427352

FPF Spo Dalmat
funphone
A-
SKU 4

FPF Floppy Flip-Golden Dog
funphonefriend.com
A-4
SKU 498359

Travel Charger
Motorola Inc.
98357/SPN4940
SKU 482196

Desktop Charger
Motorola Inc.
98412
SKU 490126

FreeCharge, Blue
Motorola Inc.
98418
SKU 477318

FreeCharge, Yellow
Motorola Inc.
98419
SKU 495319

Leather Case w/belt clip
Motorola Inc.
98376/SYN8791
SKU 465308

Desktop Speaker
Motorola Inc.
98422/SPN5028
SKU 417142

Self-Install HF Car Kit
Motorola Inc.
98413
SKU 417390

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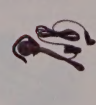
Motorc
SYN
SKU 4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98328/SYN8908
SKU 458101

Earbud Headset
Motorola Inc.
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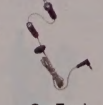
SKU 486111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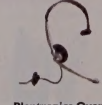
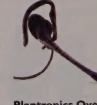
Motorola Inc.
SYN9351
SKU 457331

FM Radio Headset
Motorola Inc.
98310/SYN8609
SKU 444108


Plantronics Over-The-Head Headset
Plantronics
M110
SKU 36909

Plantronics Over-The-Ear Headset
Plantronics
M124
SKU 36981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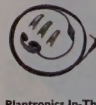
M130
SKU 32055


Plantronics In-The-Ear Headset
Plantronics
MX100
SKU 410379

Plantroni Hea
Plant
M
SKU 4

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Motorola Accessory Quick Pick

Multi-Connect Serial Data Kit
Motorola Inc.
98320
SKU 438121

USB Data Kit
Motorola Inc.
98326
SKU 460128

Multi-Connect Serial Data Kit
Motorola Inc.
98321
SKU 490191

Multi-Connect Serial Data Kit
Motorola Inc.
98347
SKU 477174

UltiMount
Pro.Fit International
UL747
SKU 28327

Motorola V70

Lilo Slim Internal Battery
Motorola Inc.
98465/SNN5655
SKU 416337

Vehicle Power Adapter
Motorola Inc.
98307/SYN7818
SKU 453147

Bezels, 3-Pack, V70
Motorola Inc.
98464/SYN9631
SKU 439302

Travel Charger
Motorola Inc.
98357/SPN4940
SKU 482196

Dual Pocket Desktop Charger
Motorola Inc.
98358/SPN5029
SKU 476345

Desktop Charger
Motorola Inc.
98412
SKU 490126

FreeCharge, Blue
Motorola Inc.
98418
SKU 477318

FreeCharge, Yellow
Motorola Inc.
98419
SKU 495319

Phone Holster, Medium
Nite Ize
SUMP-07-01
SKU 437345

Boxit Phone Case, Onyx
Nite Ize
NBX-07-01
SKU 422375

Boxit Phone Case, Crystal
Nite Ize
NBX-07-04
SKU 424372

Boxit Phone Case, Citron
Nite Ize
NBX-07-28
SKU 467363

Boxit Phone Case, Aqua
Nite Ize
NBX-07-03
SKU 482355

Handsfree Car Kit
Motorola Inc.
98308
SKU 420140

Desktop Speaker
Motorola Inc.
98422/SPN5028
SKU 417142

Installed Handsfree Car Kit
Motorola Inc.
S9610
SKU 428123

Hang-up Cup
Motorola Inc.
SYN9306
SKU 497318

Self-Install HF Car Kit
Motorola Inc.
98413
SKU 417390

Freespeak Bluetooth Headset w/Adapter
Jabra Corporation
100-91030000-02
SKU 435389

Universal Earbud Headset
Motorola Inc.
SYN9350
SKU 414339

Over-ear Headset
Motorola Inc.
98328/SYN8908
SKU 458101

Retractable HF Headset
Motorola Inc.
98435/SYN9050
SKU 458300

Earbud Headset
Motorola Inc.
98323/AAYN4264
SKU 486111

Retractable HF Headset - Black
Motorola Inc.
98196/SYN8284
SKU 423154

One Touch Headset
Motorola Inc.
SYN9351
SKU 457331

FM Radio Headset
Motorola Inc.
98310/SYN8609
SKU 444108

Plantronics Over-The-Head Headset
Plantronics
M110
SKU 36909

Over-The-Head Headset,Vol
Plantronics
M114
SKU 36926

Over-The-Ear Headset
Plantronics
M120
SKU 36954

Plantronics Over-The-Ear Headset
Plantronics
M124
SKU 36981

Plantronics Over-The-Ear Headset
Plantronics
M130
SKU 32055

Illustration not currently available

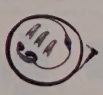
Over the ear headset
Plantronics
M135/BLUE
SKU 433174

Over the ear headset
Plantronics
M135/ESPRESSO
SKU 497082

In-The Ear Headset
Plantronics
M140/CHARCOAL
SKU 37000

In-The Ear Headset
Plantronics
M140/SILVER
SKU 467122

In-The-Ear Headset, Vol
Plantronics
M145
SKU 37004



Plantronics In-The-Ear Headset
Plantronics
MX100
SKU 410379

Plantronics Earbud Headset
Plantronics
M205
SKU 437114

Over-Head/Ear Headset
Plantronics
M170
SKU 37022

Over-Head/Ear Headset,Vol
Plantronics
M175
SKU 37030

Bluetooth Headset
Plantronics
M1500 BLUETOOTH
SKU 467353

Serial Data Cable
Motorola Inc.
S9141
SKU 447167

USB Data Cable
Motorola Inc.
SKN6311
SKU 454166

Data Cable for Compaq iPAQ
Motorola Inc.
S9618A
SKU 456190

Data Cable for Compaq iPAQ
Motorola Inc.
S9908
SKU 417368

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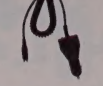
Motorola Accessory Quick Pick

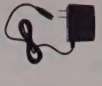
Motorola i30sx

Battery, 600mah, Lilo
Wireless Solutions
430184U
SKU 417154

Vehicle Power Adapter
Motorola Inc.
98307/SYN7818
SKU 453147



Vehicle Power Adapter
Wireless Solutions
463164U
SKU 416141



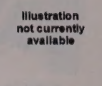
Travel Charger
Wireless Solutions
466135U
SKU 418198

Case w/clip
Wireless Solutions
462369U
SKU 454354

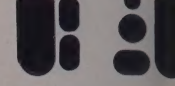
Phone Holster
Wireless Solutions
476355U
SKU 421313

Illustration not currently available

Phone Holster, Large
Nite Ize
SULP-07-01
SKU 474377



Universal Belt Clip
Wireless Solutions
30754
SKU 30754



Universal Belt
Wireless Solut
458379U
SKU 4133

Freespeak Bluetooth Headset w/Adapter
Jabra Corporation
100-91030000-02
SKU 435389

PTT EarBoom
Jabra Corporation
EMNEXTELI50302
SKU 472382

PTT Earwrap
Jabra Corporation
EWNEXTELI50302
SKU 492364

Plantronics Over-The-Head Headset
Plantronics
M110
SKU 36909

Over-The-Head Headset,Vol
Plantronics
M114
SKU 36926

Over-The-Ear Headset
Plantronics
M120
SKU 36954

Plantronics Over-The-Ear Headset
Plantronics
M124
SKU 36981

Plantronics Over-The-Ear Headset
Plantronics
M130
SKU 32055

Illustration not current available

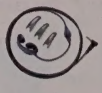
Over the e headset
Plantronics
M135/BLUE
SKU 4331

Over the ear headset
Plantronics
M135/ESPRESSO
SKU 497082

In-The Ear Headset
Plantronics
M140/CHARCOAL
SKU 37000

In-The Ear Headset
Plantronics
M140/SILVER
SKU 467122

In-The-Ear Headset, Vol
Plantronics
M145
SKU 37004



Plantronics In-The-Ear Headset
Plantronics
MX100
SKU 410379

Plantronics Earbud Headset
Plantronics
M205
SKU 437114

Over-Head/Ear Headset
Plantronics
M170
SKU 37022

Over-Head/Ear Headset,Vol
Plantronics
M175
SKU 37030

Bluetooth He
Plantronics
M1500 BLUETO
SKU 4673

2.5mm Earwrap Headset
Wireless Solutions
466053U
SKU 460165

2.5mm Earboom Headset
Wireless Solutions
484028U
SKU 424099

2.5mm Earbud Headset
Wireless Solutions
438045U
SKU 445052

Motorola i50sx

500 mAh Lilo Slim Internal Battery
Motorola Inc.
98338/SNN5717
SKU 410133

High Performance Lilo Battery
Motorola Inc.
98317/SNN5705
SKU 494156

Extra Capacity Battery, 1100 mAh, Lilo
Motorola Inc.
SNN5706
SKU 416163

Battery, 1300mah, Lilo
Motorola Inc.
SNN5716
SKU 445066

Battery, 600mah, Lilo
Wireless Solutions
430184U
SKU 417154

Illustration not currently available

Battery, iDEN i50, i55, i85
Multiplier
M1795
SKU 431161

Illustration not currently available

Battery, iDEN i50, i55, i85
Multiplier
M1795X
SKU 478138

Extra Capacity Battery Door, i85S and i50SX
Motorola Inc.
NTN9346
SKU 410127

Vehicle Pow Adapter
Motorola In
98307/SYN78
SKU 4531

Vehicle Power Adapter
Wireless Solutions
463164U
SKU 416141

Keymat, Black
Motorola Inc.
NTN9780
SKU 470045

Keymat, Silver
Motorola Inc.
NTN9781
SKU 442095

Travel Charger
Motorola Inc.
98357/SPN4940
SKU 482196

Dual Port Desk Top Charger
Motorola Inc.
NTN9568
SKU 483071

Travel Charger
Wireless Solutions
466135U
SKU 418198

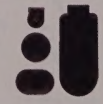
Open-face Leather Case
Motorola Inc.
NTN9804
SKU 478035

Belt Clip Carry System
Motorola Inc.
NTN9475
SKU 413079

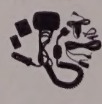
Belt Clip
Motorola In
NTN9544
SKU 4110

Leather Case with built-in swivel and Belt Clip
Wireless Solutions
485144U
SKU 424180

Universal Belt Clip
Wireless Solutions
30754
SKU 30754



Universal Belt Clip
Wireless Solutions
458379U
SKU 413338



Easy Install Handsfree Kit
Motorola Inc.
NTN1796
SKU 431073

Dash Mount Holder, i85S
Motorola Inc.
NTN9476
SKU 489192

Freespeak Bluetooth Headset w/Adapter
Jabra Corporation
100-91030000-02
SKU 435389

PTT EarBoom
Jabra Corporation
EMNEXTELI50302
SKU 472382

EarBud Headset, 2.5mm
Jabra Corporation
EB2.5MM302
SKU 481060

PTT Earw
Jabra Corpor
EWNEXTELI5
SKU 4922

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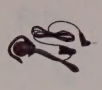
Motorola Accessory Quick Pick

Universal Earbud Headset
Motorola Inc.
SYN9350
SKU 414339



Over-ear Headset
Motorola Inc.
98328/SYN8908
SKU 458101

Earbud Headset
Motorola Inc.
98323/AAYN4264
SKU 486111

Plantronics Over-The-Head Headset
Plantronics
M110
SKU 36909

Over-The-Head Headset,Vol
Plantronics
M114
SKU 36926

Over-The-Ear Headset
Plantronics
M120
SKU 36954

Plantronics Over-The-Ear Headset
Plantronics
M124
SKU 36981

Plantronics Over-The-Ear Headset
Plantronics
M130
SKU 32055

Illustration not currently available

Over the ear headset
Plantronics
M135/BLUE
SKU 433174

Over the ear headset
Plantronics
M135/ESPRESSO
SKU 497082

In-The Ear Headset
Plantronics
M140/CHARCOAL
SKU 37000

In-The Ear Headset
Plantronics
M140/SILVER
SKU 467122

In-The-Ear Headset, Vol
Plantronics
M145
SKU 37004

Plantronics In-The-Ear Headset
Plantronics
MX100
SKU 410379

Plantronics Earbud Headset
Plantronics
M205
SKU 437114

Over-Head/Ear Headset
Plantronics
M170
SKU 37022

Over-Head/Ear Headset,Vol
Plantronics
M175
SKU 37030

Bluetooth Headset
Plantronics
M1500 BLUETOOTH
SKU 467353

2.5mm Earwrap Headset
Wireless Solutions
466053U
SKU 460165

2.5mm Earboom Headset
Wireless Solutions
484028U
SKU 424099

2.5mm Earbud Headset
Wireless Solutions
438045U
SKU 445052

Illustration not currently available

Starter Kit with Leather Case and VPA
Wireless Solutions
411149U
SKU 439173

Palm III & Plam VII Data Cable
Motorola Inc.
NKN6546
SKU 412079

Palm V Data Cable
Motorola Inc.
NKN6547
SKU 490089

Data Interface Cable
Motorola Inc.
NKN6544
SKU 476039

"Y" Data Cable
Motorola Inc.
NKN6540
SKU 464053

Keyboard,i90,i85,i80,i50
Motorola Inc.
NTN9712
SKU 483109

500 mAh Lilo Slim Internal Battery
Motorola Inc.
98338/SNN5717
SKU 410133

High Performance Lilo Battery
Motorola Inc.
98317/SNN5705
SKU 494156

Battery, 600mah, Lilo
Wireless Solutions
430184U
SKU 417154

Illustration not currently available

Battery, iDEN i50, i55, i85
Multiplier
M1795
SKU 431161

Illustration not currently available

Battery, iDEN i50, i55, i85
Multiplier
M1795X
SKU 478138

Vehicle Power Adapter
Motorola Inc.
98307/SYN7818
SKU 453147

Vehicle Power Adapter
Wireless Solutions
463164U
SKU 416141

Travel Charger
Motorola Inc.
98357/SPN4940
SKU 482196

Travel Charger
Wireless Solutions
466135U
SKU 418198

Universal Belt Clip
Wireless Solutions
30754
SKU 30754

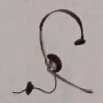
Universal Belt Clip
Wireless Solutions
458379U
SKU 413338

Easy Install Handsfree Kit
Motorola Inc.
NTN1796
SKU 431073

Freespeak Bluetooth Headset w/Adapter
Jabra Corporation
100-91030000-02
SKU 435389

PTT EarBoom
Jabra Corporation
EMNEXTELI50302
SKU 472382

PTT Earwrap
Jabra Corporation
EWNEXTELI50302
SKU 492364



Plantronics Over-The-Head Headset
Plantronics
M110
SKU 36909

Over-The-Head Headset,Vol
Plantronics
M114
SKU 36926

Over-The-Ear Headset
Plantronics
M120
SKU 36954

Plantronics Over-The-Ear Headset
Plantronics
M124
SKU 36981

Plantronics Over-The-Ear Headset
Plantronics
M130
SKU 32055

Illustration not currently available

Over the ear headset
Plantronics
M135/BLUE
SKU 433174

Over the ear headset
Plantronics
M135/ESPRESSO
SKU 497082

In-The Ear Headset
Plantronics
M140/CHARCOAL
SKU 37000

In-The Ear Headset
Plantronics
M140/SILVER
SKU 467122

In-The-Ear Headset, Vol
Plantronics
M145
SKU 37004

Plantronics In-The-Ear Headset
Plantronics
MX100
SKU 410379

Plantronics Earbud Headset
Plantronics
M205
SKU 437114

Over-Head/Ear Headset
Plantronics
M170
SKU 37022

Over-Head/Ear Headset,Vol
Plantronics
M175
SKU 37030

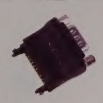
Bluetooth Headset
Plantronics
M1500 BLUETOOTH
SKU 467353

2.5mm Earwrap Headset
Wireless Solutions
466053U
SKU 460165

2.5mm Earboom Headset
Wireless Solutions
484028U
SKU 424099

2.5mm Earbud Headset
Wireless Solutions
438045U
SKU 445052

Palm III & Plam VII Data Cable
Motorola Inc.
NKN6546
SKU 412079



Palm V Data Cable
Motorola Inc.
NKN6547
SKU 490089

Data Interface Cable
Motorola Inc.
NKN6544
SKU 476039

otorola i55sr

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Motorola Accessory Quick Pick

"Y" Data Cable
Motorola Inc.
NKN6540
SKU 464053

Motorola i60

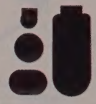
Battery, 600mah, Lilo
Wireless Solutions
430184U
SKU 417154

Vehicle Power Adapter
Wireless Solutions
463164U
SKU 416141

Travel Charger
Wireless Solutions
466135U
SKU 418198

Phone Holster, Large
Nite Ize
SULP-07-01
SKU 474377

Universal Belt Clip
Wireless Solutions
30754
SKU 30754



Universal Belt Clip
Wireless Solutions
458379U
SKU 413338

Freespeak Bluetooth Headset w/Adapter
Jabra Corporation
100-91030000-02
SKU 435389

Plantronics Over-The-Head Headset
Plantronics
M110
SKU 36909

Over-The-H Headset,V
Plantronic
M114
SKU 369

Over-The-Ear Headset
Plantronics
M120
SKU 36954

Plantronics Over-The-Ear Headset
Plantronics
M124
SKU 36981

Plantronics Over-The-Ear Headset
Plantronics
M130
SKU 32055

Illustration not currently available

Over the ear headset
Plantronics
M135/BLUE
SKU 433174

Over the ear headset
Plantronics
M135/ESPRESSO
SKU 497082

In-The Ear Headset
Plantronics
M140/CHARCOAL
SKU 37000

In-The Ear Headset
Plantronics
M140/SILVER
SKU 467122

In-The-Ear Headset, Vol
Plantronics
M145
SKU 37004

Plantronics In Ear Head
Plantronic
MX100
SKU 410

Plantronics Earbud Headset
Plantronics
M205
SKU 437114

Over-Head/Ear Headset
Plantronics
M170
SKU 37022

Over-Head/Ear Headset,Vol
Plantronics
M175
SKU 37030

Bluetooth Headset
Plantronics
M1500 BLUETOOTH
SKU 467353

2.5mm Earwrap Headset
Wireless Solutions
466053U
SKU 460165

2.5mm Earboom Headset
Wireless Solutions
484028U
SKU 424099

2.5mm Earbud Headset
Wireless Solutions
438045U
SKU 445052

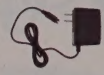
Motorola i80s

Battery, 600mah, Lilo
Wireless Solutions
430184U
SKU 417154

Vehicle Power Adapter
Motorola Inc.
98307/SYN7818
SKU 453147

Vehicle Power Adapter
Wireless Solutions
463164U
SKU 416141

Travel Charger
Motorola Inc.
98357/SPN4940
SKU 482196



Travel Charger
Wireless Solutions
466135U
SKU 418198

Phone Holster
Wireless Solutions
498345U
SKU 461320

Illustration not currently available

Phone Holster, Large
Nite Ize
SULP-07-01
SKU 474377

Universal Belt Clip
Wireless Solutions
30754
SKU 30754

Universal Be
Wireless Sol
458379
SKU 413

Easy Install Handsfree Kit
Motorola Inc.
NTN1796
SKU 431073

Freespeak Bluetooth Headset w/Adapter
Jabra Corporation
100-91030000-02
SKU 435389

PTT EarBoom
Jabra Corporation
EMNEXTELI50302
SKU 472382

PTT Earwrap
Jabra Corporation
EWNEXTELI50302
SKU 492364

Plantronics Over-The-Head Headset
Plantronics
M110
SKU 36909

Over-The-Head Headset,Vol
Plantronics
M114
SKU 36926

Over-The-Ear Headset
Plantronics
M120
SKU 36954

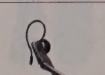
Plantronics Over-The-Ear Headset
Plantronics
M124
SKU 36981

Plantronics The-Ear He
Plantron
M130
SKU 32

Illustration not currently available

Over the ear headset
Plantronics
M135/BLUE
SKU 433174

Over the ear headset
Plantronics
M135/ESPRESSO
SKU 497082



In-The Ear Headset
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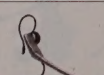
M140/CHARCOAL
SKU 37000

In-The Ear Headset
Plantronics
M140/SILVER
SKU 467122



In-The-Ear Headset, Vol
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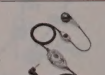
SKU 37004

Plantronics In-The-Ear Headset
Plantronics
MX100
SKU 410379



Plantronics Earbud Headset
Plantronics
M205
SKU 437114

Over-Head/Ear Headset
Plantronics
M170
SKU 37022

Over-Head Headset,
Plantron
M175
SKU 37

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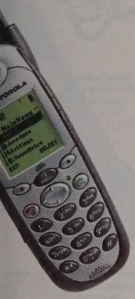
Motorola Accessory Quick Pick



otorola i85s

Bluetooth Headset
Plantronics
M1500 BLUETOOTH
SKU 467353

2.5mm Earwrap Headset
Wireless Solutions
466053U
SKU 460165

2.5mm Earboom Headset
Wireless Solutions
484028U
SKU 424099

2.5mm Earbud Headset
Wireless Solutions
438045U
SKU 445052

Palm III & Plam VII Data Cable
Motorola Inc.
NKN6546
SKU 412079

Palm V Data Cable
Motorola Inc.
NKN6547
SKU 490089

Data Interface Cable
Motorola Inc.
NKN6544
SKU 476039

"Y" Data Cable
Motorola Inc.
NKN6540
SKU 464053

Keyboard,i90,i85,i80,i50
Motorola Inc.
NTN9712
SKU 483109

500 mAh Lilo Slim Internal Battery
Motorola Inc.
98338/SNN5717
SKU 410133

High Performance Lilo Battery
Motorola Inc.
98317/SNN5705
SKU 494156

Extra Capacity Battery, 1100 mAh, Lilo
Motorola Inc.
SNN5706
SKU 416163

Battery, 1300mah, Lilo
Motorola Inc.
SNN5716
SKU 445066

Battery, 600mah, Lilo
Wireless Solutions
430184U
SKU 417154

Illustration not currently available

Battery, iDEN i50, i55, i85
Multiplier
M1795
SKU 431161

Illustration not currently available

Battery, iDEN i50, i55, i85
Multiplier
M1795X
SKU 478138

Extra Capacity Battery Door, i85S and i505X
Motorola Inc.
NTN9346
SKU 410127

Vehicle Power Adapter
Motorola Inc.
98307/SYN7818
SKU 453147

Vehicle Power Adapter
Wireless Solutions
463164U
SKU 416141

Travel Charger
Motorola Inc.
98357/SPN4940
SKU 482196

Dual Port Desk Top Charger
Motorola Inc.
NTN9568
SKU 483071

Travel Charger
Wireless Solutions
466135U
SKU 418198

Open-face Leather Case
Motorola Inc.
NTN9478
SKU 471033

Belt Clip Carry System
Motorola Inc.
NTN9475
SKU 413079

Belt Clip
Motorola Inc.
NTN9544
SKU 411080

Leather Case with built-in swivel and Belt Clip
Wireless Solutions
485144U
SKU 424180

Phone Holster
Wireless Solutions
444160U
SKU 456147

Case, Soft- iDEN i85
Bee Electronics Inc.
1968PW
SKU 439151

Universal Belt Clip
Wireless Solutions
30754
SKU 30754

Universal Belt Clip
Wireless Solutions
458379U
SKU 413338

Easy Install Handsfree Kit
Motorola Inc.
NTN1796
SKU 431073

Dash Mount Holder, i85S
Motorola Inc.
NTN9476
SKU 489192

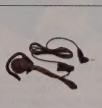
Freespeak Bluetooth Headset w/Adapter
Jabra Corporation
100-91030000-02
SKU 435389

PTT EarBoom
Jabra Corporation
EMNEXTELI50302
SKU 472382

EarBud Headset, 2.5mm
Jabra Corporation
EB2.5MM302
SKU 481060

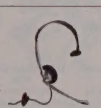
PTT Earwrap
Jabra Corporation
EVNEXTELI50302
SKU 492364

Universal Earbud Headset
Motorola Inc.
SYN9350
SKU 414339

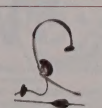


Over-ear Headset
Motorola Inc.
98328/SYN8908
SKU 458101

Earbud Headset
Motorola Inc.
98323/AAYN4264
SKU 486111



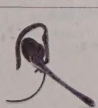
Plantronics Over-The-Head Headset
Plantronics
M110
SKU 36909



Over-The-Head Headset,Vol
Plantronics
M114
SKU 36926

Over-The-Ear Headset
Plantronics
M120
SKU 36954

Plantronics Over-The-Ear Headset
Plantronics
M124
SKU 36981



Plantronics Over-The-Ear Headset
Plantronics
M130
SKU 32055

Illustration not currently available

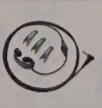
Over the ear headset
Plantronics
M135/BLUE
SKU 433174

Over the ear headset
Plantronics
M135/ESPRESSO
466053U
SKU 497082

In-The Ear Headset
Plantronics
M140/CHARCOAL
SKU 37000

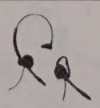
In-The Ear Headset
Plantronics
M140/SILVER
438045U
SKU 467122

In-The-Ear Headset, Vol
Plantronics
M145
SKU 37004



Plantronics In-The-Ear Headset
Plantronics
MX100
SKU 410379

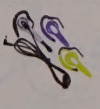
Plantronics Earbud Headset
Plantronics
M205
SKU 437114



Over-Head/Ear Headset
Plantronics
M170
SKU 37022

Over-Head/Ear Headset,Vol
Plantronics
M175
SKU 37030

Bluetooth Headset
Plantronics
M1500 BLUETOOTH
SKU 467353



2.5mm Earwrap Headset
Wireless Solutions
466053U
SKU 460165

2.5mm Earboom Headset
Wireless Solutions
484028U
SKU 424099

2.5mm Earbud Headset
Wireless Solutions
438045U
SKU 445052

Illustration not currently available

Starter Kit with Leather Case and VPA
Wireless Solutions
411149U
SKU 439173

Palm III & Plam VII Data Cable
Motorola Inc.
NKN6546
SKU 412079

Palm V Data Cable
Motorola Inc.
NKN6547
SKU 490089

Data Interface Cable
Motorola Inc.
NKN6544
SKU 476039

"Y" Data Cable
Motorola Inc.
NKN6540
SKU 464053

Keyboard,i90,i85,i80,i50
Motorola Inc.
NTN9712
SKU 483109

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Motorola Accessory Quick Pick

Motorola i90

High Performance Battery Door
Motorola Inc.
NTN9850
SKU 421165

High Performance Battery with door
Motorola Inc.
NTN1826
SKU 436185

Slim Battery w/ door, i90c
Motorola Inc.
NTN1825
SKU 469139

Slim Battery Door, i90c
Motorola Inc.
NTN9849
SKU 478191

Battery, 600mah, Lilo
Wireless Solutions
430184U
SKU 417154

Vehicle Power Adapter
Motorola Inc.
98307/SYN7818
SKU 453147

Vehicle Power Adapter
Wireless Solutions
463164U
SKU 416141

Travel Charger
Motorola Inc.
98357/SPN4940
SKU 482196

Dual Port Des Charger
Motorola I
NTN1866
SKU 413

Travel Charger
Wireless Solutions
466135U
SKU 418198

Leather Pouch with clip, i90c
Motorola Inc.
RLN5336
SKU 419181

Flip-Style Case, i90c
Motorola Inc.
RLN5334
SKU 436192

Holster with, i90c
Motorola Inc.
NTN9687
SKU 481160

Leather Case with built-in swivel and Belt Clip
Wireless Solutions
478386U
SKU 478360

Phone Holster
Wireless Solutions
463328U
SKU 438322

Illustration not currently available

Phone Holster, Large
Nite Ize
SULP-07-01
SKU 474377

Easy Install Handsfree Kit
Motorola Inc.
NTN1796
SKU 431073

Dash Mount
Motorola I
NTN968
SKU 447

Freespeak Bluetooth Headset w/Adapter
Jabra Corporation
100-91030000-02
SKU 435389

PTT EarBoom
Jabra Corporation
EMNEXTELI50302
SKU 472382

PTT Earwrap
Jabra Corporation
EWNEXTELI50302
SKU 492364

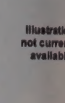
Plantronics Over-The-Head Headset
Plantronics
M110
SKU 36909

Over-The-Head Headset,Vol
Plantronics
M114
SKU 36926

Over-The-Ear Headset
Plantronics
M120
SKU 36954

Plantronics Over-The-Ear Headset
Plantronics
M124
SKU 36981

Plantronics Over-The-Ear Headset
Plantronics
M130
SKU 32055



Illustrati not curre availabl

Over the headse
Plantroni
M135/BLU
SKU 433

Over the ear headset
Plantronics
M135/ESPRESSO
SKU 497082

In-The Ear Headset
Plantronics
M140/CHARCOAL
SKU 37000

In-The Ear Headset
Plantronics
M140/SILVER
SKU 467122

In-The-Ear Headset, Vol
Plantronics
M145
SKU 37004

Plantronics In-The-Ear Headset
Plantronics
MX100
SKU 410379

Plantronics Earbud Headset
Plantronics
M205
SKU 437114

Over-Head/Ear Headset
Plantronics
M170
SKU 37022

Over-Head/Ear Headset,Vol
Plantronics
M175
SKU 37030

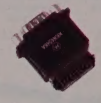
Bluetooth H
Plantroni
M1500 BLUET
SKU 467

2.5mm Earwrap Headset
Wireless Solutions
466053U
SKU 460165

2.5mm Earboom Headset
Wireless Solutions
484028U
SKU 424099

2.5mm Earbud Headset
Wireless Solutions
438045U
SKU 445052

USB Data Cable, i90c
Motorola Inc.
NNTN4049
SKU 488154

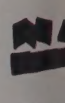


Palm III & Plam VII Data Cable
Motorola Inc.
NKN6546
SKU 412079

Palm V Data Cable
Motorola Inc.
NKN6547
SKU 490089

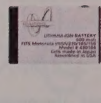
Data Interface Cable
Motorola Inc.
NKN6544
SKU 476039

"Y" Data Cable
Motorola Inc.
NKN6540
SKU 464053

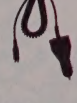


Keyboard,i9 0,150
Motorola
NTN97
SKU 483

Motorola i95cl



Battery, 600mah, Lilo
Wireless Solutions
430184U
SKU 417154



Vehicle Power Adapter
Wireless Solutions
463164U
SKU 416141

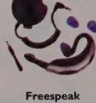
Travel Charger
Wireless Solutions
466135U
SKU 418198

Leather Case with built-in swivel and Belt Clip
Wireless Solutions
478386U
SKU 478360

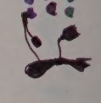
Phone Holster
Wireless Solutions
463328U
SKU 438322

Illustration not currently available

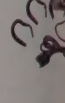
Phone Holster, Large
Nite Ize
SULP-07-01
SKU 474377



Freespeak Bluetooth Headset w/Adapter
Jabra Corporation
100-91030000-02
SKU 435389



PTT EarBoom
Jabra Corporation
EMNEXTELI50302
SKU 472382



PTT Earw
Jabra Corpo
EWNEXTELI
SKU 492

Plantronics Over-The-Head Headset
Plantronics
M110
SKU 36909

Over-The-Head Headset,Vol
Plantronics
M114
SKU 36926

Over-The-Ear Headset
Plantronics
M120
SKU 36954

Plantronics Over-The-Ear Headset
Plantronics
M124
SKU 36981

Plantronics Over-The-Ear Headset
Plantronics
M130
SKU 32055

Illustration not currently available

Over the ear headset
Plantronics
M135/BLUE
SKU 433174

Over the ear headset
Plantronics
M135/ESPRESSO
SKU 497082

In-The Ear Headset
Plantronics
M140/CHARCOAL
SKU 37000

In-The Ear H
Plantron
M140/SIL
SKU 467

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Motorola Accessory Quick Pick

Motorola iDEN i1000

In-The-Ear Headset, Vol	Plantronics In-The-Ear Headset	Plantronics Earbud Headset	Over-Head/Ear Headset	Over-Head/Ear Headset,Vol	Bluetooth Headset	2.5mm Earwrap Headset	2.5mm Earboom Headset	2.5mm Earbud Headset
Plantronics	Plantronics	Plantronics	Plantronics	Plantronics	Plantronics	Wireless Solutions	Wireless Solutions	Wireless Solutions
M145	MX100	M205	M170	M175	M1500 BLUETOOTH	466053U	484028U	438045U
SKU 37004	SKU 410379	SKU 437114	SKU 37022	SKU 37030	SKU 467353	SKU 460165	SKU 424099	SKU 445052

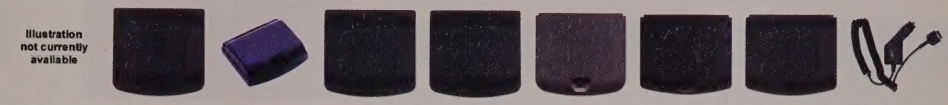

Illustration not currently available								
Slim Battery, 500mah, Lilo	Battery, 900mah, Lilo	Battery, 900mah, Lilo	Batt, Iden i1000	Battery, iDEN i1000	Battery, Iden i1000, Slim	Battery, Iden i1000	Battery, Iden i1000	Vehicle Power Adapter
Motorola Inc.	Motorola Inc.	Wireless Solutions	Superior Comm.	Multiplier	LexStar Tech.	LexStar Tech.	JBro Batteries	Motorola Inc.
NTN8615	NTN8614	73451	25016	M8614	H8615	H8614	JB8614	NTN8655
SKU 427081	SKU 449057	SKU 73451	SKU 92432	SKU 49091	SKU 441072	SKU 420056	SKU 73249	SKU 411081

Saver/Charger-Iden i1000	Vehicle Power Adapter	FPF Daisy Denim Flip- Jean Flower	FPF Spotty Flip-Dalmation Dog	FPF Floppy Flip-Golden Dog	AC Power Supply	Desktop Charging Stand	Travel Charger	Leather Case
Superior Comm.	Wireless Solutions	funphonefriend.com	funphonefriend.com	funphonefriend.com	Motorola Inc.	Motorola Inc.	Wireless Solutions	Motorola Inc.
25021	62735	A-25	A-16	A-4	NPN6197	NTN8653	492352U	FSL1201
SKU 75471	SKU 62735	SKU 427352	SKU 468391	SKU 498359	SKU 468099	SKU 453031	SKU 64285	SKU 484190

Pouch Style Case	Leather Case	Open-face Leather Case	Phone Holster	Nylon Pouch, iDEN i1000	Case, Moto./ Iden i1000	Phone Holster	Universal Belt Clip	Universal Belt Clip
Motorola Inc.	Motorola Inc.	Wireless Solutions	Wireless Solutions	Bee Electronics Inc.	A.W. Enterprises	Motorola Inc.	Wireless Solutions	Wireless Solutions
NTN8658	FSL1100	95082	426128U	2353-C	MR2001	NTN8657	30754	458379U
SKU 487033	SKU 487088	SKU 95082	SKU 448152	SKU 485162	SKU 458097	SKU 471003	SKU 30754	SKU 413338

Surveillance Kit	Installed Handsfree Car Kit	Installed Handsfree Car Kit	Installed Handsfree Car Kit	Freespeak Bluetooth Headset w/Adapter	Universal Earbud Headset	Over-ear Headset	Earbud Headset	Audio Adapter
Motorola Inc.	Motorola Inc.	Motorola Inc.	Motorola Inc.	Jabra Corporation	Motorola Inc.	Motorola Inc.	Motorola Inc.	Motorola Inc.
NTN9298	NTN8656	NTN1661	FLN2714A	100-91030000-02	SYN9350	98328/SYN8908	98323/AAYN4264	NTN8654
SKU 453198	SKU 73807	SKU 86293	SKU 497155	SKU 435389	SKU 414339	SKU 458101	SKU 486111	SKU 15228

Plantronics Over-The-Head Headset	Over-The-Head Headset,Vol	Over-The-Ear Headset	Plantronics Over-The-Ear Headset	Plantronics Over-The-Ear Headset	Illustration not currently available	Over the ear headset	In-The Ear Headset	In-The Ear Headset
Plantronics	Plantronics	Plantronics	Plantronics	Plantronics		Plantronics	Plantronics	Plantronics
M110	M114	M120	M124	M130		M135/BLUE	M140/CHARCOAL	M140/SILVER
SKU 36909	SKU 36926	SKU 36954	SKU 36981	SKU 32055		SKU 433174	SKU 37000	SKU 467122

In-The-Ear Headset, Vol	Plantronics In-The-Ear Headset	Plantronics Earbud Headset	Over-Head/Ear Headset	Over-Head/Ear Headset,Vol	Bluetooth Headset	Headset with Adapter	2.5mm Earwrap Headset	2.5mm Earboom Headset
Plantronics	Plantronics	Plantronics	Plantronics	Plantronics	Plantronics	Wireless Solutions	Wireless Solutions	Wireless Solutions
M145	MX100	M205	M170	M175	M1500 BLUETOOTH	85817U	466053U	484028U
SKU 37004	SKU 410379	SKU 437114	SKU 37022	SKU 37030	SKU 467353	SKU 85828	SKU 460165	SKU 424099

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Motorola Accessory Quick Pick

2.5mm Earbud Headset
Wireless Solutions
438045U
SKU 445052

Starter Kit, i1000
Wireless Solutions
11128U
SKU 92302

Data Kit, i1000plus
Motorola Inc.
NTN1710
SKU 470184

Phone Cable, i1000/ i2000
Antenna Specialists
K349
SKU 91436

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FAX 410-527-0005
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Compatible Phone Models:

Motorola 120e
Motorola 120t
Motorola 120x
Motorola V120C

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

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Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

o. m	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
/ 28 H	Motorola Inc. SNN5571 12 Month Limited	Extra capacity internal battery. Retail box. 1100 mAh Lilo 160-350 minutes DTT/170-300 hours DST	34.00 0.2 0.09	24.72 23.94 21.99

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495386

Quality, Great Value

- Available with merchandising system that drives multiple and repeat purchases to improve overall profitability

tive retail packaging that promotes self selec- nd consumer education

o. m	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
/ 6 H	Wireless Solutions 486148U 1 Year	Replacement Battery Black 900 mAh Lilo 2 to 7 hours DTT/1 to 8 days DST	30.55 0.3 0.14	21.52 17.51 15.76

Vehicle Power Adapters [275-10]

orola (OEM) Vehicle Power Adapters

453147

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories. These products are used by directly plugging onto the phone without removing the battery. Provides power to the phone and charges the battery at the same time.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
7 H	Motorola Inc. 98307/SYN7818 12 Month Limited	Vehicle power adapter. Retail box.	25.00 0.25 0.11	8.27 8.02 7.39

Wireless Solutions Vehicle Power Adapter

416141

Wireless Solutions Vehicle adapters are a great value, and high quality. Quality tested cable returns to original shape after multiple stretches. Attractive retail packaging.

- Variable rate charging for safety & convenience (no overcharging)
- Enough current to make a call with a discharged battery
- Attractive retail packaging that promotes self selection and consumer education
- Available with revolutionary merchandising system that drives multiple and repeat purchase to improve overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
416141 1 EACH	Wireless Solutions 463164U Lifetime	Vehicle Power Adapter. Retail Packaged.	23.00 0.4 0.18	7.24 5.91 4.60

Face Plates [311-10]

Motorola Phone Wraps

434141 425129 464184 428145 492146

Motorola Original Phone Wrap accessories provide you with a comfortable and stylish way to protect your phone from the rigors of everyday life and make it easy to carry with you.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
434141 1 EACH	Motorola Inc. 98351/SYN8949 12 Month Limited	PhoneWrap Cover - Blue Aquarius. Retail box.	6.25 0.3 0.14	4.39 4.26 3.95
425129 1 EACH	Motorola Inc. 98348/SYN8946 12 Month Limited	PhoneWrap Cover - Cinnamon Toast. Retail box.	6.25 0.3 0.14	4.39 4.26 3.95
464184 1 EACH	Motorola Inc. 98349/SYN8947 12 Month Limited	PhoneWrap Cover - Dusk. Retail box.	6.25 0.3 0.14	4.39 4.26 3.95
428145 1 EACH	Motorola Inc. 98352/SYN8950 12 Month Limited	PhoneWrap Cover - Green Tea. Retail box.	6.25 0.3 0.14	4.39 4.26 3.95
492146 1 EACH	Motorola Inc. 98350/SYN8948 12 Month Limited	PhoneWrap Cover - Purple Passion. Retail box.	6.25 0.3 0.14	4.39 4.26 3.95

Motorola Soft Phone Wraps

471132 498118 486139 437198 454112 491199

Motorola Original Soft Phone Wraps provide you with a comfortable and stylish way to protect your phone from the rigors of everyday life and make it easy to carry with you.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
471132 1 EACH	Motorola Inc. 98345/SYN8918 12 Month Limited	Soft PhoneWrap Cover - Bottle Blue. Retail box.	3.75 0.3 0.14	2.83 2.76 2.57
498118 1 EACH	Motorola Inc. 98342/SYN8915 12 Month Limited	Soft PhoneWrap Cover - Limeade. Retail box.	3.75 0.3 0.14	2.83 2.76 2.57
486139 1 EACH	Motorola Inc. 98344/SYN8917 12 Month Limited	Soft PhoneWrap Cover - Racing Red. Retail box.	3.75 0.3 0.14	2.83 2.76 2.57
437198 1 EACH	Motorola Inc. 98340/SYN8913 12 Month Limited	Soft PhoneWrap Cover - Sea Blue. Retail box.	3.75 0.3 0.14	2.83 2.76 2.57
454112 1 EACH	Motorola Inc. 98341/SYN8914 12 Month Limited	Soft PhoneWrap Cover - Shaved Ice. Retail box.	3.75 0.3 0.14	2.83 2.76 2.57
491199 1 EACH	Motorola Inc. 98343/SYN8916 12 Month Limited	Soft PhoneWrap Cover - Tangerine. Retail box.	3.75 0.3 0.14	2.83 2.76 2.57

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Motorola 120 Series

AleEv faceplates- Motorola V120

412352 412376 440345 453324 473378 486336

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 412352 1 EACH	AleEv (formerly MTU) 21300	Honey Red faceplate.	17.05 0.25 0.11	6.86 6.37 5.95
NEW 412376 1 EACH	AleEv (formerly MTU) 21303	Ferrari Silver faceplate.	17.05 0.25 0.11	6.86 6.37 5.95
NEW 440345 1 EACH	AleEv (formerly MTU) 21304	Flourescent Orange faceplate.	17.05 0.25 0.11	6.86 6.37 5.95
NEW 453324 1 EACH	AleEv (formerly MTU) 21301	Honey Blue faceplate.	17.05 0.25 0.11	6.86 6.37 5.95
NEW 473378 1 EACH	AleEv (formerly MTU) 21305	Flourescent Pink faceplate.	17.05 0.25 0.11	6.86 6.37 5.95
NEW 486336 1 EACH	AleEv (formerly MTU) 21302	Royal Purple faceplate.	17.05 0.25 0.11	6.86 6.37 5.95

FPF Fun Friends

417318 425345 440370

441386 454305 472388

474325 481374 482389 486359

488341 490397 491340

499325

Fun Friends are leading the way with adorable characters that give new attitude to these otherwise dull products. Fun Friends are a perfect match for all who enjoy plush characters ranging from Funky the Monkey to Tadpole our Lime Green Frog.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 417318 1 EACH	funphonefriend.com A-05 30 days	Fun Friends phone cover. Tapole Frog	15.00 0.32 0.15	6.50 5.75 5.21

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
NEW 425345 1 EACH	funphonefriend.com A-01 30days	FunFriends phone cover. Bully-Bulldog	15.00 0.32 0.15	6.5 5.7 5.2
NEW 440370 1 EACH	funphonefriend.com A-22 30 days	Fun Friends Funky- Monkey	15.00 0.32 0.15	6.5 5.7 5.2
NEW 441386 1 EACH	funphonefriend.com A-3 30 days	Fun Friends phone covers. Floppy Reg	15.00 0.32 0.15	6.5 5.7 5.2
NEW 454305 1 EACH	funphonefriend.com A-19 30 days	FunFriends phone cover. ALI- Aligator	15.00 0.32 0.15	6.5 5.7 5.2
NEW 472388 1 EACH	funphonefriend.com A-17 30 days	FunFriends phone cover. Beary- Lavender Bear	15.00 0.32 0.15	6.5 5.7 5.2
NEW 474325 1 EACH	funphonefriend.com A-27 30 days	Fun Friends phone cover. Santa	15.00 0.32 0.15	6.5 5.7 5.2
NEW 481374 1 EACH	funphonefriend.com A-15 30 days	Fun Friends phone covers. Dangles- Dog Hanging Legs	15.00 0.32 0.15	6.5 5.7 5.2
NEW 482389 1 EACH	funphonefriend.com A-24 30 days	Fun Friends phone covers. Munchie- Manatee	15.00 0.32 0.15	6.5 5.7 5.2
NEW 486359 1 EACH	funphonefriend.com A-10 30 days	Fun Friends phone covers. Kit Kat- Cat	15.00 0.32 0.15	6.5 5.7 5.2
NEW 488341 1 EACH	funphonefriend.com A-7 30 days	Fun Friends phone cover. Larry -Lobster	15.00 0.32 0.15	6.5 5.7 5.2
NEW 490397 1 EACH	funphonefriend.com A-21 30 days	Fun Friends phone covers. Cheeser- Mouse	15.00 0.32 0.15	6.5 5.7 5.2
NEW 491340 1 EACH	funphonefriend.com A-09 30 days	Fun Friends phone covers. Oinky- Pig	15.00 0.32 0.15	6.5 5.7 5.2
NEW 499325 1 EACH	funphonefriend.com A-20 30 days	Fun Friends phone covers. Moo Moo- Cow	15.00 0.32 0.15	6.5 5.7 5.2

Chargers, Desk Top, Travel [305-60]

Motorola AC Travel Chargers

482196

Original accessories... "from the people that made your phone(TM)." OE design and manufacture accessories to match the specific requirements their phones, satisfying the most demanding customer. You can trust the quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
482196 1 EACH	Motorola Inc. 98357/SPN4940 12 Month Limited	AC Travel Charger with folding blades. Retail box.	13.50 0.4 0.18	8. 8. 7.

Motorola Desktop Chargers

490126 493133

Original accessories... "from the people that made y phone(TM)." OEMs design and manufacture accesso to match the specific requirements of their phones, fying the most demanding customer. You can trust th high quality and performance of original accessories

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 490126 1 EACH	Motorola Inc. 98412 12 Month Limited	Dual pocket desktop charger with built-in clock. Data pass through permits easy synchronization with compatible PC or PDA. Requires travel charger (sku 482196).	62.50 0.5 0.23	38 37 34
493133 1 EACH	Motorola Inc. 98354/SPN4996 12 Month Limited	Dual pocket desktop charger. Built-in data port. Base only. Requires 98357 (SKU 482196). Retail box.	30.00 1 0.45	19 18 17

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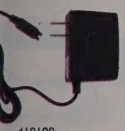
orola FreeCharge Chargers

477318 495319

The Motorola FreeCharge(TM) is a unique, convenient energy source for mobile phones. A winding handle provides power to a mobile phone with no AC/DC outlet required.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
8	Motorola Inc.	FreeCharge(TM). Blue. Includes flashlight adapter and	102.50	63.66
1	98418	phone adapter module.	0.4	61.61
	12 Month Limited		0.18	56.48
9	Motorola Inc.	FreeCharge(TM). Yellow. Includes flashlight adapter and	102.50	63.66
	98419	phone adapter module.	0.4	61.61
1	12 Month Limited		0.18	56.48

less Solutions Travel Charger



418198

- to any 110 volt outlet
- ur phone while it is charging
- s "lite" batteries up to 90% capacity in about s
- Charges extra capacity batteries in about 10-12 hours
- Attractive retail packaging that promotes self selection and consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
8	Wireless Solutions	Travel Charger	14.50	10.31
1	466135U		0.4	8.30
	1 Year		0.18	6.30

Cases for Portable Cellular Phones [310-10]

orola OEM Phone Cases

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
3	Motorola Inc.	Soft leather carrying case with belt clip. Keypad remains	15.00	8.58
1	98356/SYN9171	easily accessible. Retail box.	0.3	8.32
	12 Month Limited	Black	0.14	7.67

less Solutions Cases

- uality leather
- stitching
- covered rust resistant spring clip
- Mylar plastic that will not yellow or crack
- Environmentally tested to ensure durability
- Attractive retail packaging that promotes self selectionand consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
4	Wireless Solutions	Leather case with built-in swivel and belt clip. Retail	11.60	7.50
1	427116U	packaged.	0.4	6.87
	Lifetime	Black	0.18	6.30

Wireless Solutions Phone Holsters

486197

- Phone Holster can ratchet 180 degrees.
- Phone sits firmly in place inside of holster.
- Holster is manufactured with high-impact plastic.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Wireless Solutions	Ratcheting Phone Holster	7.75	5.51
486197	482189U	Black	0.3	4.66
1 EACH	1 Year		0.14	3.60

Waterproof Cases, Belt Clips [310-60]

Motorola Belt Clips

442112

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
442112	Motorola Inc.	Front-facing belt clip. Spring loaded to allow push-but-	5.65	4.00
1 EACH	98346/SHN7175	ton release. Does not swivel. Retail box. Black	0.1	3.89
	12 Month Limited		0.05	3.61

Wireless Solutions Beltclips

30754 413338

Belt clips designed to conveniently snap onto the phone to securely hold it in place. Holds the phone without the need for a leather carry case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30754	Wireless Solutions	Universal Belt Clip includes three different swivels with	6.80	4.22
1 EACH	30754	3M adhesive. Black	0.18	3.75
	Lifetime		0.08	3.21
NEW	Wireless Solutions	Universal Belt Clip includes two swivels with 3M adhe-	6.80	4.22
413338	458379U	sive. Black	0.18	3.75
1 EACH	Lifetime		0.08	3.21

Hands Free Kits, Mics, Headsets [262-09]

Motorola Easy Install Handsfree Kits

420140

Motorola Easy Install Kits require no professional installation. These kits include 3-watt speaker, in-line microphone, rapid charging capability and clip-on attachment system to mount speaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
420140	Motorola Inc.	Easy Install ortable handsfree kit. 3-watt speaker. A	81.25	50.46
1 EACH	98308	Motorola Original battery will be charged 90% within	0.72	48.84
	1 Year	one to three hours. Optional external microphone	0.33	44.77
		(SYN5708) sold separately.		

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Motorola 120 Series

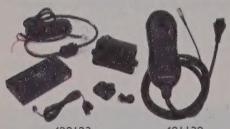
Motorola Clip-On Handsfree Speaker

417142 444135 458147

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 417142 1 EACH	Motorola Inc. 98422/SPN5028 12 Month Limited	Desktop speaker. Attaches to phone or compatible desktop charger (TESSCO sku 490126). For use with GSM and TDMA phones only. Retail box.	60.00 0.25 0.11	37.76 36.56 33.56
444135 1 EACH	Motorola Inc. 98325/SYN8611 12 Month Limited	Clip-On handsfree speaker. Attaches to phone and can be used simultaneously with a travel charger or vehicle power adapter. Retail packaged.	45.00 0.25 0.11	28.45 27.55 25.30
NEW 458147 1 EACH	Motorola Inc. 98421/SPN5027 12 Month Limited	Desktop speaker. Attaches to phone or compatible desktop charger (TESSCO sku 490126). For use with CDMA phones only. Retail box.	60.00 0.25 0.11	37.76 36.56 33.56

Motorola Handsfree Car Kits



428123 481139

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
428123 1 EACH	Motorola Inc. S9610 1 Year	Pro-Install car kit. Mini-uhf male antenna connection. *Not full duplex. Hang up cups sold separately. Cups: v60(416368), v120(481139), 270(434103). 60t requires software upgrade to work with kit. Version 16.08.01 for Cingular customers, version 16.09 for AT&T customers.	125.00 2.2 1	77.63 75.13 68.88
NEW 447125 1 EACH	Motorola Inc. S9565 1 Year	Pro-Install car kit. *Not full duplex.	187.50 2.54 1.15	116.44 112.69 103.32
481139 1 EACH	Motorola Inc. SYN9269 1 yr	Hang up cup. For use with S9610 Pro-Install car kit. Bulk packaged.	62.50 0.25 0.11	38.82 37.57 34.44

Motorola Self-Install Handsfree Kit

417390

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 417390 1 EACH	Motorola Inc. 98413 12 Month Limited	Self-install handsfree car kit. Designed to fit most vehicle cup holders. Includes retractable phone and micro-phone cables and a 2-watt speaker. Charges phone battery to 90% capacity in four to six hours.	126.25 1.05 0.48	78.41 75.88 69.57

Headsets [262-10]

Bluetooth Headsets

435389

The Motorola Bluetooth headset provides a cordless connection to mobile phone. Carry on handsfree conversation without the restricti a cord.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW 435389 1 EACH	Jabra Corporation 100-91030000-02 1 Year	Freespeak Bluetooth Headset with 2.5mm headset jack.	179.95 0.45 0.2

Motorola Hands-Free Headset

414339 458101 458300 486111

423154 457331 444108 428368

• Motorola hands-free headsets allow private phone calls. Plug directly into the phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW 414339 1 EACH	Motorola Inc. SYN9350 12 Month Limited	Earbud headset with in-line microphone. Retail box.	12.50 0.15 0.07
458101 1 EACH	Motorola Inc. 98328/SYN8908 12 Month Limited	Over-the-ear handsfree headset. Retail Box.	25.00 0.15 0.07
NEW 458300 1 EACH	Motorola Inc. 98435/SYN9050 12 Month Limited	Motorola retractable headset. Retail Box.	21.90 0.1 0.05
NEW 486111 1 EACH	Motorola Inc. 98323/AAYN4264 12 Month Limited	Earbud headset with in-line microphone. Silver. Retail box.	12.50 0.15 0.07
423154 1 EACH	Motorola Inc. 98196/SYN8284 12 Month Limited	Motorola retractable in-ear headset. Retail Box.	21.90 0.1 0.05
NEW 457331 1 EACH	Motorola Inc. SYN9351 12 Month Limited	One touch headset with answer/end button and noise canceling microphone. Retail Box.	17.00 0.25 0.11
444108 1 EACH	Motorola Inc. 98310/SYN8609 12 Month Limited	FM stereo radio headset powered by phone's battery. Change stations via phone's navigation key. Store and recall nine stations using phone's keypad. Radio mutes automatically for incoming calls; simply press the button on the headset and start talking. Retail Box.	64.65 0.25 0.11
NEW 428368 1 EACH	Motorola Inc. 98381 12 Month Limited	MP3 player headset. Connects directly to compatible phones. Music mutes when calls come in. Includes 32MD SD memory card, stereo headset with in-line microphone, USB cable, lanyard, headset adapter and Motorola MUSICMATCH (TM) Jukebox Plus software. Motorola retail package. Phone must contain software version 2100.01.2F.02 or later.	302.50 0.25 0.11

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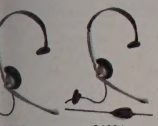
tronics Over-The-Head Headsets



36909 36926

All Plantronics over-the-head wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
9 H	Plantronics M110 1 Year	Flexible headband on this over-the-head headset provides stability and comfort.	24.20 0.4 0.18	16.06 12.59 12.08
6 H	Plantronics M114 1 Year	Flexible headband on this over-the-head style headset provides stability and comfort. Includes in-line volume control.	26.80 0.4 0.18	17.80 13.95 13.39

tronics Over-The-Ear Headsets

4 36981 32055 497082

antronics over-the-ear wireless phone headsets feature a noise-cancelling microphone, RF shielded cable, advanced speaker technology, microphone-adjust switch and a clothing available in a standard 2.5mm plug or hard-wired for specific Nokia phones.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
4 H	Plantronics M120 1 Year	Lightweight comfort in an over-the-ear style headset.	24.20 0.25 0.11	16.06 12.59 12.08
1 H	Plantronics M124 1 Year	Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80 0.24 0.11	17.80 13.95 13.39
5 H	Plantronics M130 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic-blue, blurple color.	29.50 0.22 0.1	19.59 15.36 14.73
74 H	Plantronics M135/BLUE 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, blurple color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55
2 H	Plantronics M135/ESPRESSO 1 Year	Superior comfort and sleek design in this over-the-ear headset. Espresso color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55

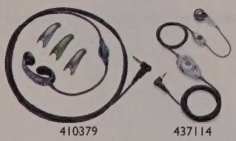
tronics In-The-Ear Headsets

37000 37004

All Plantronics in-the-ear boom-style wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
0 H	Plantronics M140/CHARCOAL 1 Year	Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11	24.31 19.06 18.28
2 H	Plantronics M140/SILVER 1 Year	Ultra-light comfort with this in-the-ear style headset. Silver color.	36.60 0.25 0.11	24.31 19.06 18.28
1 H	Plantronics M145 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11	28.22 22.12 21.22

Plantronics Discreet Earbud Headsets

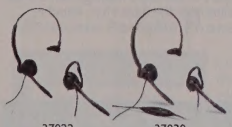


410379 437114

All Plantronics earbud headsets for wireless phones feature Flexfit(TM) design for increased stability, RF noise shielded cable, advanced speaker technology, and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 410379 1 EACH	Plantronics MX100 1 Year	Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19.59 15.36 14.73
437114 1 EACH	Plantronics M205 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09	19.59 15.36 14.73

Plantronics Convertible Headsets



37022 37030

All Plantronics convertible style wireless phone headsets feature a noise-canceling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37022 1 EACH	Plantronics M170 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18	31.25 24.50 23.50
37030 1 EACH	Plantronics M175 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22	35.16 27.57 26.44

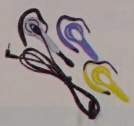
Plantronics Cordless Headsets

467353

Cut the Cord(TM) with Bluetooth(TM) wireless headsets from Plantronics. All Plantronics over-the-ear cordless headsets feature an adjustable noice cancelling microphone, volume/mute control and answer/end button. High-capacity rechargeable batteries provide up to 2.5 hours of talk time and 60 hours of standby.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 467353 1 EACH	Plantronics M1500 BLUETOOTH 1 Year	Bluetooth headset. Over-the-ear style with answer/end button and volume/mute control. Includes Bluetooth adapter, AC adapter and rechargeable battery. Bluetooth version 1.1.	250.70 0.25 0.11	166.67 130.67 125.34

Wireless Solutions 2.5mm Earwrap



460165

The Wireless Solutions EarWrap: noise-canceling mic, sleek, lightweight design, colorful accessories. Choose from snap-on boom covers and flex-forming ear wraps in sleek tones of silver, blue and yellow.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
460165 1 EACH	Wireless Solutions 466053U Lifetime	Earwrap with colored faceplates and 2.5mm connector.	27.50 0.4 0.18	16.17 14.25 13.97

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Wireless Solutions EarBoom Headset

424099

Wireless Solutions In The Ear headset features a boom mic. Comfortable. Provide good mic sound as well as in the ear speaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
424099 I EACH	Wireless Solutions 484028U Lifetime	Earboom Headset with 2.5mm jack. Includes six eargels.	31.00 0.3 0.14	13.31 11.32 9.31

Wireless Solutions EarBud Headset

445052

The Wireless Soluitons EarBud is the most cost-effective, solution for mobile phone users wanting a hands-free alternative at a value price. The EarBud integrates the microphone as part of the cable leading from the ear to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
445052 I EACH	Wireless Solutions 438045U Lifetime	Earbud Headset with 2.5mm jack. Includes six eargels.	27.00 0.3 0.14	12.09 10.09 8.09

Portable Cellular Phone Accessory Kit [262-50]

Motorola Starter Kits

470149

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **470149** I EACH	Motorola Inc. 463157/422164 12 Month Limited	Starter kit. Includes vehicle power adapter and leather case with belt clip.	40.00 0.5 0.23	16.35 15.84 14.56

Wireless Solutions Starter Kits

460123

• Includes leather case and vehicle power adapter. Wireless Solutions Retail Package.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
460123 I EACH	Wireless Solutions 411149U Lifetime	Starter Kit. Leather Case with swivel and beltclip and VPA.	33.00 0.5 0.23	13.90 11.92 9.90

Retractable/Replacement Antennas [385-65]

Motorola Retractable Antenna

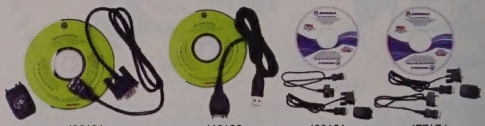
463145

Original Motorola Retractable Antenna replacement

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW **463145** I EACH	Motorola Inc. 8589650K18 1 Year	Fits Motorola V. Series 120c CDMA phones. Black. Professional installation required. Bulk packaged.	15.25 0.01 0	9 9 8

Data Interfaces for Portable Phones [260-12]

Motorola Data Connectivity Kit



438121 460128 490191 477174

Motorola Data Connectivity Kit allows the user to connect a wireless phone to a modem enabling access to the internet, e-mail or fax. Just connect the cable to your laptop, deskt or PDA. Install the software and make your connection.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
438121 I EACH	Motorola Inc. 98320 1 Year	Multi-Connect serial data kit. Includes serial cable, CD-Rom and instructions. Compatible with Windows 98/NT4.0/2000/XP/ME.	87.50 0.6 0.27	5 5 4
460128 I EACH	Motorola Inc. 98326 1 Year	USB data kit. Includes USB data cable, CD-Rom and instructions. Compatible with Windows 98/2000/XP/ME.	47.50 0.5 0.23	2 2 2
490191 I EACH	Motorola Inc. 98321 1 Year	Multi-Connect Serial Kit for PALM III. Kit includes CE Bus RS232 data head, RS232 PC data cable, Motorola data connectivity solution CD, Palm III data cable and Motorola Com Center Manager CD. Windows operating system requirements: Windows 98, 98SE, NT4.0, 2000, ME and XP. Palm operating system requirements for Com Center Manager: Palm OS 3.3 or later. Motorola retail package.	140.00 0.62 0.28	8 8 7
477174 I EACH	Motorola Inc. 98347 1 Year	Multi-Connect Serial Kit for Palm V. Kit includes CE Bus RS232 data head, RS232 PC data cable, Motorola data connectivity solution CD, Palm V data cable and Motorola Com Center Manager CD. Windows operating system requirements: Windows 98, 98SE, NT4.0, 2000, ME and XP. Palm operating system requirements for Com Center Manager: Palm OS 3.3 or later. Motorola retail package.	140.00 0.64 0.29	8 8 7

Motorola Data Cables

447167 454166 456190

417368

Original accessories... "from the people that made your phone(OEMs design and manufacture accessories to match the specifi requirements of their phones, satisfying the most demanding cu tomer. You can trust the high quality and performance of origin accessories.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
447167 I EACH	Motorola Inc. S9141 1 Year	Serial Data Cable, only. Bulk packaged.	50.00 0.35 0.16	3 3 2

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See TESSCO.com for latest pricing and pr
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uing product table (2 of 2)

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
166 CH	Motorola Inc. SKN6311 1 Year	USB Data Cable, only. Bulk packaged.	30.00 0.35 0.16	18.63 18.03 16.53
W 190 CH	Motorola Inc. S9618A 1 Year	iPAQ cable and head for iPAQ 3135, 3150, 3635, 3650, 3670, 3760, 3765.	69.40 0.2 0.09	43.09 41.70 38.23
W 368 CH	Motorola Inc. S9908 1 Year	iPAQ cable and head for the 3800 series. Bulk packaged.	69.40 0.2 0.09	43.09 41.70 38.23

External Antenna Kits for Portables [362-40]

eless Solutions Antenna Cables

0 451354

Wireless Solutions Antenna Cables and Antenns

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 80 CH	Wireless Solutions 454106U 1 Year	Dual Band Mini-Magnetic Mount Antenna connects to RF adapter.	19.70 0.25 0.11	11.22 9.89 9.43
W 54 CH	Wireless Solutions 433113U 1 Year	Antenna Adapter Cable. V120c, T193. Use Dual Band Mini Mag-Mount Antenna SKU# 444380.	11.00 0.25 0.11	6.50 5.75 5.50

Cellular Antenna Couplers [362-41]

arConnect Cables

457009

ClearConnect cables allow easy connection to an external antenna to improve the phone's performance. 12" cable attaches directly to the phone and terminates in a TNC female connector.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
09 CH	Superior Comm. 45643 3 Year	Fits Motorlola T22xx, V22xx, and V120c.	14.15 0.1 0.05	6.76 6.52 6.37

Compatible Phone Models:

Motorola C331t

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

Motorola Portable Phone Batteries

427392

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 427392 1 EACH	Motorola Inc. 98479/SNN5582 12 Month Limited	Slim internal battery. Retail box. Lilo	42.50 0.2 0.09	26.90 26.05 23.92

Vehicle Power Adapters [275-10]

Motorola (OEM) Vehicle Power Adapters

453147

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories. These products are used by directly plugging onto the phone without removing the battery. Provides power to the phone and charges the battery at the same time.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
453147 1 EACH	Motorola Inc. 98307/SYN7818 12 Month Limited	Vehicle power adapter. Retail box.	25.00 0.25 0.11	8.27 8.02 7.39

Chargers, Desk Top, Travel [305-60]

Motorola AC Travel Chargers

482196

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
482196 1 EACH	Motorola Inc. 98357/SPN4940 12 Month Limited	AC Travel Charger with folding blades. Retail box.	13.50 0.4 0.18	8.89 8.62 7.94

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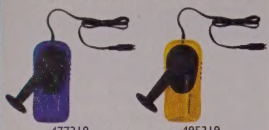
Motorola C331t

Motorola FreeCharge Chargers



477318 495319

The Motorola FreeCharge(TM) is a unique, convenient energy source for mobile phones. A winding handle provides power to a mobile phone with no AC/DC outlet required.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 477318 1 EACH	Motorola Inc. 98418 12 Month Limited	FreeCharge(TM). Blue. Includes flashlight adapter and phone adapter module.	102.50 0.4 0.18	63.66 61.61 56.48
NEW 495319 1 EACH	Motorola Inc. 98419 12 Month Limited	FreeCharge(TM). Yellow. Includes flashlight adapter and phone adapter module.	102.50 0.4 0.18	63.66 61.61 56.48

Hands Free Kits, Mics, Headsets [262-09]

Motorola Easy Install Handsfree Kits

420140

Motorola Easy Install Kits require no professional installation. These kits include 3-watt speaker, in-line microphone, rapid charging capability and clip-on attachment system to mount speaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
420140 1 EACH	Motorola Inc. 98308 1 Year	Easy Install ortable handsfree kit. 3-watt speaker. A Motorola Original battery will be charged 90% within one to three hours. Optional external microphone (SYN5708) sold separately.	81.25 0.72 0.33	50.46 48.84 44.77

Motorola Clip-On Handsfree Speaker

417142

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 417142 1 EACH	Motorola Inc. 98422/SPN5028 12 Month Limited	Desktop speaker. Attaches to phone or compatible desktop charger (TESSCO sku 490126). For use with GSM and TDMA phones only. Retail box.	60.00 0.25 0.11	37.76 36.56 33.56

Motorola Self-Install Handsfree Kit

417390

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 417390 1 EACH	Motorola Inc. 98413 12 Month Limited	Self-install handsfree car kit. Designed to fit most vehicle cup holders. Includes retractable phone and microphone cables and a 2-watt speaker. Charges phone battery to 90% capacity in four to six hours.	126.25 1.05 0.48	78.41 75.88 69.57

Headsets [262-10]

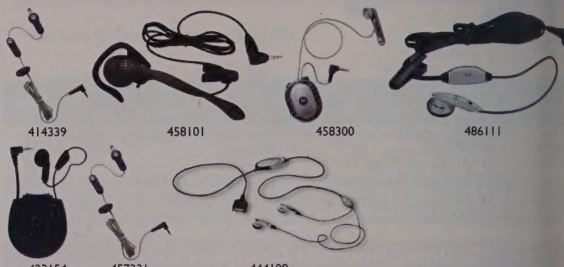
Bluetooth Headsets

435389

The Motorola Bluetooth headset provides a cordless connection to you mobile phone. Carry on handsfree conversation without the restriction a cord.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
NEW 435389 1 EACH	Jabra Corporation 100-91030000-02 1 Year	Freespeak Bluetooth Headset with 2.5mm headset jack.	179.95 0.45 0.2	143. 123. 114.

Motorola Hands-Free Headset



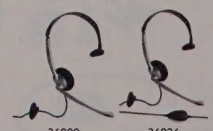
414339 458101 458300 486111

423154 457331 444108

•Motorola hands-free headsets allow private phone calls. Plug directly into the phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
NEW 414339 1 EACH	Motorola Inc. SYN9350 12 Month Limited	Earbud headset with in-line microphone. Retail box.	12.50 0.15 0.07	8.2 8.0 7.3
458101 1 EACH	Motorola Inc. 98328/SYN8908 12 Month Limited	Over-the-ear handsfree headset. Retail Box.	25.00 0.15 0.07	13.0 12.6 11.6
NEW 458300 1 EACH	Motorola Inc. 98435/SYN9050 12 Month Limited	Motorola retractable headset. Retail Box.	21.90 0.1 0.05	14.0 13.6 12.5
NEW 486111 1 EACH	Motorola Inc. 98323/AAYN4264 12 Month Limited	Earbud headset with in-line microphone. Silver. Retail box.	12.50 0.15 0.07	8.2 8.0 7.3
423154 1 EACH	Motorola Inc. 98196/SYN8284 12 Month Limited	Motorola retractable in-ear headset. Retail Box.	21.90 0.1 0.05	14.0 13.6 12.5
NEW 457331 1 EACH	Motorola Inc. SYN9351 12 Month Limited	One touch headset with answer/end button and noise canceling microphone. Retail Box.	17.00 0.25 0.11	11.0 10.7 9.8
444108 1 EACH	Motorola Inc. 98310/SYN8609 12 Month Limited	FM stereo radio headset powered by phone's battery. Change stations via phone's navigation key. Store and recall nine stations using phone's keypad. Radio mutes automatically for incoming calls; simply press the button on the headset and start talking. Retail Box.	64.65 0.25 0.11	40.6 39. 36.

Plantronics Over-The-Head Headsets



36909 36926

All Plantronics over-the-head wireless phone headsets feat a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch an clothing clip. The 2.5mm plug connects directly into the hea set port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
36909 1 EACH	Plantronics M110 1 Year	Flexible headband on this over-the-head headset provides stability and comfort.	24.20 0.4 0.18	16. 12. 12.
36926 1 EACH	Plantronics M114 1 Year	Flexible headband on this over-the-head style headset provides stability and comfort. Includes in-line volume control.	26.80 0.4 0.18	17. 13. 13.

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tronics Over-The-Ear Headsets

54 36981 32055 497082

antronics over-the-ear wireless phone headsets feature a noise-cancelling microphone, RF shielded cable, advanced speaker technology, microphone-adjust switch and a clothing vailable in a standard 2.5mm plug or hard-wired for specific Nokia phones.

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
4 H	Plantronics M120 1 Year	Lightweight comfort in an over-the-ear style headset.	24.20 0.25 0.11	16.06 12.59 12.08
1 H	Plantronics M124 1 Year	Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80 0.24 0.11	17.80 13.95 13.39
5 H	Plantronics M130 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic-blue, blurple color.	29.50 0.22 0.1	19.59 15.36 14.73
74 H	Plantronics M135/BLUE 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, blurple color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55
02 H	Plantronics M135/ESPRESSO 1 Year	Superior comfort and sleek design in this over-the-ear headset. Espresso color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55

tronics In-The-Ear Headsets

37000 37004

All Plantronics in-the-ear boom-style wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
0 H	Plantronics M140/CHARCOAL 1 Year	Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11	24.31 19.06 18.28
2 H	Plantronics M140/SILVER 1 Year	Ultra-light comfort with this in-the-ear style headset. Silver color.	36.60 0.25 0.11	24.31 19.06 18.28
4 H	Plantronics M145 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11	28.22 22.12 21.22

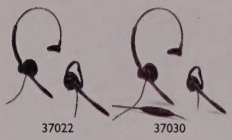
tronics Discreet Earbud Headsets

410379 437114

All Plantronics earbud headsets for wireless phones feature Flexfit(TM) design for increased stability, RF noise shielded cable, advanced speaker technology, and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
9 H	Plantronics MX100 1 Year	Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19.59 15.36 14.73
4 H	Plantronics M205 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09	19.59 15.36 14.73

Plantronics Convertible Headsets



37022 37030

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Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37022 1 EACH	Plantronics M170 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18	31.25 24.50 23.50
37030 1 EACH	Plantronics M175 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22	35.16 27.57 26.44

Plantronics Cordless Headsets

467353

Cut the Cord(TM) with Bluetooth(TM) wireless headsets from Plantronics. All Plantronics over-the-ear cordless headsets feature an adjustable noice cancelling microphone, volume/mute control and answer/end button. High-capacity rechargeable batteries provide up to 2.5 hours of talk time and 60 hours of standby.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **467353** 1 EACH	Plantronics M1500 BLUE-TOOTH 1 Year	Bluetooth headset. Over-the-ear style with answer/end button and volume/mute control. Includes Bluetooth adapter, AC adapter and rechargeable battery. Bluetooth version 1.1.	250.70 0.25 0.11	166.67 130.67 125.34

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Motorola C332g

Compatible Phone Models:

Motorola C332g

If you do not see your phone model listed, please call 800-955-9997.

Vehicle Power Adapters [275-10]

Motorola (OEM) Vehicle Power Adapters

433133

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories. These products are used by directly plugging onto the phone without removing the battery. Provides power to the phone and charges the battery at the same time.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
433133 I EACH	Motorola Inc. 98246/SYN8087 12 Month Limited	Vehicle power adapter. Retail box.	25.00 0.3 0.14	7.49 7.27 6.70

Chargers, Desk Top, Travel [305-60]

Motorola AC Travel Chargers

87752

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
87752 I EACH	Motorola Inc. SPN4681 1 Year	Travel charger with US AC plug. Bulk packaged.	6.90 0.45 0.2	4.28 4.14 3.80

Motorola FreeCharge Chargers

431395 477300

The Motorola FreeCharge(TM) is a unique, convenient energy source for mobile phones. A winding handle provides power to a mobile phone with no AC/DC outlet required.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **431395** I EACH	Motorola Inc. 98416 12 Month Limited	FreeCharge(TM). Blue. Includes flashlight adapter and phone adapter module.	102.50 0.4 0.18	63.66 61.61 56.48
NEW **477300** I EACH	Motorola Inc. 98417 12 Month Limited	FreeCharge(TM). Yellow. Includes flashlight adapter and phone adapter module.	102.50 0.4 0.18	63.66 61.61 56.48

Waterproof Cases, Belt Clips [310-60]

Wireless Solutions Beltclips

30754

Belt clips designed to conveniently snap onto the phone to securely hold it i place. Holds the phone without the need for a leather carry case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T
30754 I EACH	Wireless Solutions 30754 Lifetime	Universal Belt Clip includes three different swivels with 3M adhesive. Black	6.80 0.18 0.08	4 3 3

Hands Free Kits, Mics, Headsets [262-09]

Motorola Easy Install Handsfree Kits

Motorola Easy Install Kits require no professional install These kits include 3-watt speaker, in-line microphone, r charging capability and clip-on attachment system to m speaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
NEW **468138** I EACH	Motorola Inc. 98365 12 Month Limited	Easy install handsfree kit. Retail blister package.	81.25 2 0.91	5 4 4

Headsets [262-10]

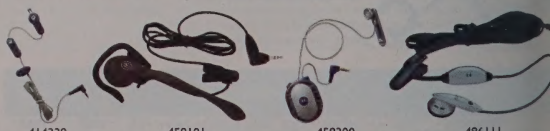
Bluetooth Headsets

435389

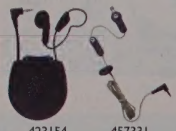
The Motorola Bluetooth headset provides a cordless connection to mobile phone. Carry on handsfree conversation without the restricti a cord.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
NEW **435389** I EACH	Jabra Corporation 100-91030000-02 1 Year	Freespeak Bluetooth Headset with 2.5mm headset jack.	179.95 0.45 0.2	1 1 1

Motorola Hands-Free Headset



414339 458101 458300 486111



423154 457331

•Motorola hands-free headsets allow private phone calls. Plug directly into the phone.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
NEW **414339** I EACH	Motorola Inc. SYN9350 12 Month Limited	Earbud headset with in-line microphone. Retail box.	12.50 0.15 0.07	

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NEW = New Listing. Pricing for reference
See TESSCO.com for latest pricing and pr
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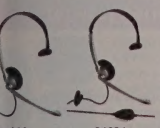
ing product table (2 of 2)

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
01 CH	Motorola Inc. 98328/SYN8908 12 Month Limited	Over-the-ear handsfree headset. Retail Box.	25.00 0.15 0.07	13.08 12.67 11.66
W 00 CH	Motorola Inc. 98435/SYN9050 12 Month Limited	Motorola retractable headset. Retail Box.	21.90 0.1 0.05	14.09 13.65 12.56
W 11 CH	Motorola Inc. 98323/AAYN4264 12 Month Limited	Earbud headset with in-line microphone. Silver. Retail box.	12.50 0.15 0.07	8.27 8.02 7.39
54 CH	Motorola Inc. 98196/SYN8284 12 Month Limited	Motorola retractable in-ear headset. Retail Box.	21.90 0.1 0.05	14.09 13.65 12.56
V 31 CH	Motorola Inc. SYN9351 12 Month Limited	One touch headset with answer/end button and noise canceling microphone. Retail Box.	17.00 0.25 0.11	11.06 10.72 9.87

tronics Over-The-Head Headsets



36909 36926

All Plantronics over-the-head wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
9 CH	Plantronics M110 1 Year	Flexible headband on this over-the-head headset provides stability and comfort.	24.20 0.4 0.18	16.06 12.59 12.08
6 CH	Plantronics M114 1 Year	Flexible headband on this over-the-head style headset provides stability and comfort. Includes in-line volume control.	26.80 0.4 0.18	17.80 13.95 13.39

tronics Over-The-Ear Headsets

54 36981 32055 497082

antronics over-the-ear wireless phone headsets feature a noise-cancelling microphone, RF shielded cable, advanced speaker technology, microphone-adjust switch and a clothing vailable in a standard 2.5mm plug or hard-wired for specific Nokia phones.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
4 H	Plantronics M120 1 Year	Lightweight comfort in an over-the-ear style headset.	24.20 0.25 0.11	16.06 12.59 12.08
1 H	Plantronics M124 1 Year	Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80 0.24 0.11	17.80 13.95 13.39
5 H	Plantronics M130 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic-blue, blurple color.	29.50 0.22 0.1	19.59 15.36 14.73
/ 74 H	Plantronics M135/BLUE 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, blurple color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55
32 H	Plantronics M135/ESPRESSO 1 Year	Superior comfort and sleek design in this over-the-ear headset. Espresso color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55

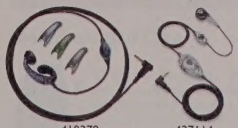
Plantronics In-The-Ear Headsets

37000 37004

All Plantronics in-the-ear boom-style wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37000 1 EACH	Plantronics M140/CHARCOAL 1 Year	Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11	24.31 19.06 18.28
NEW 467122 1 EACH	Plantronics M140/SILVER 1 Year	Ultra-light comfort with this in-the-ear style headset. Silver color.	36.60 0.25 0.11	24.31 19.06 18.28
37004 1 EACH	Plantronics M145 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11	28.22 22.12 21.22

Plantronics Discreet Earbud Headsets

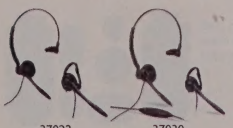


410379 437114

All Plantronics earbud headsets for wireless phones feature Flexfit(TM) design for increased stability, RF noise shielded cable, advanced speaker technology, and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 410379 1 EACH	Plantronics MX100 1 Year	Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19.59 15.36 14.73
437114 1 EACH	Plantronics M205 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09	19.59 15.36 14.73

Plantronics Convertible Headsets



37022 37030

All Plantronics convertible style wireless phone headsets feature a noise-canceling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37022 1 EACH	Plantronics M170 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18	31.25 24.50 23.50
37030 1 EACH	Plantronics M175 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22	35.16 27.57 26.44

Plantronics Cordless Headsets

467353

Cut the Cord(TM) with Bluetooth(TM) wireless headsets from Plantronics. All Plantronics over-the-ear cordless headsets feature an adjustable noice cancelling microphone, volume/mute control and answer/end button. High-capacity rechargeable batteries provide up to 2.5 hours of talk time and 60 hours of standby.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 467353 1 EACH	Plantronics M1500 BLUETOOTH 1 Year	Bluetooth headset. Over-the-ear style with answer/end button and volume/mute control. Includes Bluetooth adapter, AC adapter and rechargeable battery. Bluetooth version 1.1.	250.70 0.25 0.11	166.67 130.67 125.34

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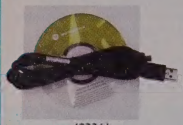
Data Interfaces for Portable Phones [260-12]

Motorola Data Connectivity Kit



493361

Motorola Data Connectivity Kit allows the user to connect a wireless phone to a modem, enabling access to the internet, e-mail or fax. Just connect the cable to your laptop, desktop, or PDA. Install the software and make your connection.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **493361** 1 EACH	Motorola Inc. 98478 1 Year	Mini USB data kit. Includes USB data cable, CD-Rom and instructions. Compatible with Windows 98SE/2000/XP/ME.	32.50 0.5 0.23	20.19 19.54 17.91

Compatible Phone Models

Motorola L7082
Motorola L7089
Motorola P7382
Motorola P7389

If you do not see your phon model listed, please ca 800-955-9997.

Batteries for Portable Phones [270-10]

Motorola Portable Phone Batteries

479100

Original accessories... "from the people that made your phone(T OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding cus tomer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
479100 1 EACH	Motorola Inc. 98300/SNN5517 12 Month Limited	Slim Battery. Retail box. 600 Lilo	27.50 0.3 0.14	1 1 1

Vehicle Power Adapters [275-10]

Motorola (OEM) Vehicle Power Adapters

487105

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to ma the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and perfor- mance of original accessories. These products are used by dire plugging onto the phone without removing the battery. Provid power to the phone and charges the battery at the same time

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T T T
487105 1 EACH	Motorola Inc. 98126/SYN4241 12 Month Limited	Vehicle Power Adapter. Retail box.	25.00 0.5 0.23	8 8 7

Wireless Solutions Vehicle Power Adapter

89361 64422

Wireless Solutions Vehicle adapters are a great value high quality. Quality tested cable returns to original after multiple stretches. Attractive retail packaging.

- Variable rate charging for safety & convenience (no overcharging)
- Enough current to make a call with a discharged battery
- Attractive retail packaging that promotes self se tion and consumer education
- Available with revolutionary merchandising sys that drives multiple and repeat purchase to imp overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T T T
89361 1 EACH	Wireless Solutions 89201U Lifetime	Vehicle Power Adapter. Retail Packaged.	23.00 0.3 0.14	7 5 4
64422 1 EACH	Wireless Solutions 64422 Lifetime	Vehicle Power Adapter. Retail Packaged.	23.00 0.25 0.11	7 5 3

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Chargers, Desk Top, Travel [305-60]

torola AC Travel Chargers

4145

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
145 CH	Motorola Inc. 98125/SPN4604 12 Month Limited	Travel Charger with folding blades. Retail box.	16.25 1 0.45	10.60 10.27 9.46

torola Desktop Chargers

420083

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
083 CH	Motorola Inc. 98274 1 Year	Desktop Charger Base only. Requires 98125 power supply.	32.50 0.4 0.18	20.19 19.54 17.91

reless Solutions Travel Charger

50264

- into any 110 volt outlet
- your phone while it is charging
- Rapid Charges batteries in about 2-4 hours
- Attractive retail packaging that promotes self selection and consumer education

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
64 CH	Wireless Solutions 50264 Lifetime	Travel Charger	14.50 0.42 0.19	10.31 8.30 6.30

Cases for Portable Cellular Phones [310-10]

torola Sling Pack Cases

81465

Hold on to your phone, and all your other essentials, while on the go! Slingpack carry cases are durable carry-alls that sling securely across your body for today's hottest look. Pocket does not accommodate phone with holster attached.

No. Jom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
65 CH	Motorola Inc. SYN8440 1 Year	Sling Pack Shoulder Pouch. BULK packaged. Orange	10.00 0.25 0.11	6.21 6.01 5.51

Wireless Solutions Cases

89406 89408

- High quality leather
- Nylon stitching
- Leather covered rust resistant spring clip
- Mylar plastic that will not yellow or crack
- Environmentally tested to ensure durability
- Attractive retail packaging that promotes self selectionand consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
89406 1 EACH	Wireless Solutions 88200U Lifetime	Leather Case. Retail packaged. Black	11.60 0.35 0.16	7.50 6.87 6.30
89408 1 EACH	Wireless Solutions 88205U Lifetime	Leather Case. Retail packaged. Black	11.60 0.35 0.16	7.50 6.87 6.30

Waterproof Cases, Belt Clips [310-60]

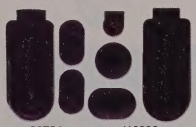
Motorola Belt Clips

442112

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
442112 1 EACH	Motorola Inc. 98346/SHN7175 12 Month Limited	Front-facing belt clip. Spring loaded to allow push-button release. Does not swivel. Retail box. Black	5.65 0.1 0.05	4.00 3.89 3.61

Wireless Solutions Beltclips



30754 413338

Belt clips designed to conveniently snap onto the phone to securely hold it in place. Holds the phone without the need for a leather carry case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30754 1 EACH	Wireless Solutions 30754 Lifetime	Universal Belt Clip includes three different swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21
NEW 413338 1 EACH	Wireless Solutions 458379U Lifetime	Universal Belt Clip includes two swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21

Hands Free Kits, Mics, Headsets [262-09]

Motorola Easy Install Handsfree Kits

445174

Motorola Easy Install Kits require no professional installation. These kits include 3-watt speaker, in-line microphone, rapid charging capability and clip-on attachment system to mount speaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
445174 1 EACH	Motorola Inc. 98202 1 Year	Easy Install Handsfree Kit	183.75 2 0.91	114.11 110.44 101.25

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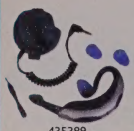
Headsets [262-10]

Bluetooth Headsets


435389

The Motorola Bluetooth headset provides a cordless connection to your mobile phone. Carry on handsfree conversation without the restriction of a cord.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 435389 1 EACH	Jabra Corporation 100-91030000-02 1 Year	Freespeak Bluetooth Headset with 2.5mm headset jack.	179.95 0.45 0.2	143.06 123.09 114.99

Jabra In-the-Ear Headset

The JABRA Corporation's headset features an innovative all-in-the-ear speaker and microphone. Built-in noise reduction technology for clear transmissions. Totally portable and digital-ready. Four-foot cable, six EarGels and standard 2.5 mm plug for direct connection to mobile phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
65303 1 EACH	Jabra Corporation ES2.5MM302 1 year	Earset with six comfort ear-gels. Fits any phone with a 2.5mm jack.	31.35 0.15 0.07	17.86 15.67 15.36

Jabra EarBoom Headset

413032

"Fits-your-face," flexible mini-boom is comfortable and non-intrusive. For those who need to talk and listen "on the move." The custom-fit EarGel channels sound into your ear for great reception.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
413032 1 EACH	Jabra Corporation EM2.5MM302 1 year	EarBoom with Universal 2.5mm Connector	24.95 0.3 0.14	14.23 12.48 12.23

Jabra EarBud Headset

481060

The JABRA EarBud is the most cost-effective, JABRA solution for mobile phone users wanting a hands-free alternative at a value price. The JABRA EarBud uses the patented EarGel for a secure fit and contemporary styling. Unlike the EarSet and Ear Boom solutions, the EarBud integrates the microphone as part of the cable leading from the ear to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
481060 1 EACH	Jabra Corporation EB2.5MM302 1 Year	2.5mm EarBud with three EarGels	19.95 0.25 0.11	11.38 9.98 9.78

Jabra EarWrap Headset

411070

The JABRA EarWrap: noise-canceling mic, sleek, lightweight design, co ful accessories. Choose from snap-on boom covers and flex-forming wraps in sleek tones of silver, blue and yellow.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
411070 1 EACH	Jabra Corporation EW2.5MM402 1 Year	EarWrap with 2.5mm Universal connector; 3 color face-plates and 3 conforming earhooks.	29.95 0.25 0.11	17 14 14

Motorola Hands-Free Headset

414339

458101

458300

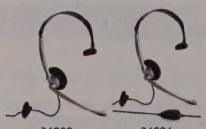
486111

423154

• Motorola hands-free headsets allow private phone calls. Plug directly into the phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 414339 1 EACH	Motorola Inc. SYN9350 12 Month Limited	Earbud headset with in-line microphone. Retail box.	12.50 0.15 0.07	8 8 7
458101 1 EACH	Motorola Inc. 98328/SYN8908 12 Month Limited	Over-the-ear handsfree headset. Retail Box.	25.00 0.15 0.07	13 12 11
NEW 458300 1 EACH	Motorola Inc. 98435/SYN9050 12 Month Limited	Motorola retractable headset. Retail Box.	21.90 0.1 0.05	14 13 12
NEW 486111 1 EACH	Motorola Inc. 98323/AAYN4264 12 Month Limited	Earbud headset with in-line microphone. Silver. Retail box.	12.50 0.15 0.07	8 8 7
423154 1 EACH	Motorola Inc. 98196/SYN8284 12 Month Limited	Motorola retractable in-ear headset. Retail Box.	21.90 0.1 0.05	14 13 12

Plantronics Over-The-Head Headsets


36909 36926

All Plantronics over-the-head wireless phone headsets fea a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch a clothing clip. The 2.5mm plug connects directly into the h set port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
36909 1 EACH	Plantronics M110 1 Year	Flexible headband on this over-the-head headset provides stability and comfort.	24.20 0.4 0.18	16 12 12
36926 1 EACH	Plantronics M114 1 Year	Flexible headband on this over-the-head style headset provides stability and comfort. Includes in-line volume control.	26.80 0.4 0.18	17 13 13

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ntronics Over-The-Ear Headsets

954 36981 32055 497082

Plantronics over-the-ear wireless phone headsets feature a noise-cancelling microphone, RF se shielded cable, advanced speaker technology, microphone-adjust switch and a clothing Available in a standard 2.5mm plug or hard-wired for specific Nokia phones.

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
954 CH	Plantronics M120 1 Year	Lightweight comfort in an over-the-ear style headset.	24.20 0.25 0.11	16.06 12.59 12.08
981 CH	Plantronics M124 1 Year	Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80 0.24 0.11	17.80 13.95 13.39
955 CH	Plantronics M130 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic-blue, blurple color.	29.50 0.22 0.1	19.59 15.36 14.73
W 174 CH	Plantronics M135/BLUE 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, blurple color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55
082 CH	Plantronics M135/ESPRESSO 1 Year	Superior comfort and sleek design in this over-the-ear headset. Espresso color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55

ntronics In-The-Ear Headsets

37000 37004

All Plantronics in-the-ear boom-style wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
000 CH	Plantronics M140/CHARCOAL 1 Year	Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11	24.31 19.06 18.28
W 122 CH	Plantronics M140/SILVER 1 Year	Ultra-light comfort with this in-the-ear style headset. Silver color.	36.60 0.25 0.11	24.31 19.06 18.28
004 CH	Plantronics M145 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11	28.22 22.12 21.22

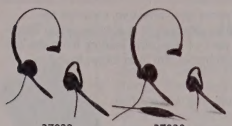
ntronics Discreet Earbud Headsets

410379 437114

All Plantronics earbud headsets for wireless phones feature Flexfit(TM) design for increased stability, RF noise shielded cable, advanced speaker technology, and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 379 CH	Plantronics MX100 1 Year	Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19.59 15.36 14.73
114 CH	Plantronics M205 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09	19.59 15.36 14.73

Plantronics Convertible Headsets



37022 37030

All Plantronics convertible style wireless phone headsets feature a noise-canceling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37022 1 EACH	Plantronics M170 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18	31.25 24.50 23.50
37030 1 EACH	Plantronics M175 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22	35.16 27.57 26.44

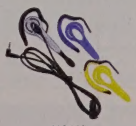
Plantronics Cordless Headsets

467353

Cut the Cord(TM) with Bluetooth(TM) wireless headsets from Plantronics. All Plantronics over-the-ear cordless headsets feature an adjustable noice cancelling microphone, volume/mute control and answer/end button. High-capacity rechargeable batteries provide up to 2.5 hours of talk time and 60 hours of standby.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 467353 1 EACH	Plantronics M1500 BLUE-TOOTH 1 Year	Bluetooth headset. Over-the-ear style with answer/end button and volume/mute control. Includes Bluetooth adapter, AC adapter and rechargeable battery. Bluetooth version 1.1.	250.70 0.25 0.11	166.67 130.67 125.34

Wireless Solutions 2.5mm Earwrap

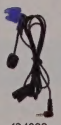


460165

The Wireless Solutions EarWrap: noise-canceling mic, sleek, lightweight design, colorful accessories. Choose from snap-on boom covers and flex-forming ear wraps in sleek tones of silver, blue and yellow.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
460165 1 EACH	Wireless Solutions 466053U Lifetime	Earwrap with colored faceplates and 2.5mm connector.	27.50 0.4 0.18	16.17 14.25 13.97

Wireless Solutions EarBoom Headset



424099

Wireless Solutions In The Ear headset features a boom mic. Comfortable. Provide good mic sound as well as in the ear speaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
424099 1 EACH	Wireless Solutions 484028U Lifetime	Earboom Headset with 2.5mm jack. Includes six eargels.	31.00 0.3 0.14	13.31 11.32 9.31

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Motorola StarTac

Wireless Solutions EarBud Headset

445052

The Wireless Soluitons EarBud is the most cost-effective, solution for mobile phone users wanting a hands-free alternative at a value price. The EarBud integrates the microphone as part of the cable leading from the ear to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
445052 1 EACH	Wireless Solutions 438045U Lifetime	Earbud Headset with 2.5mm jack. Includes six eargels.	27.00 0.3 0.14	12.09 10.09 8.09

Portable Cellular Phone Accessory Kit [262-50]

Wireless Solutions Starter Kits

Starter Kits include a glove leather fitted case and a vehicle power adapter. Wireless Solutions Retail Packaging.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
91567 1 EACH	Wireless Solutions 89201U Lifetime	Starter Kit Includes open-faced leather case and vehicle power adapter.	33.00 0.4 0.18	13.90 11.92 9.90

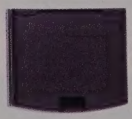
Compatible Phone Models:

Motorola ST7760
Motorola ST7762
Motorola ST7790SI
Motorola ST7797
Motorola ST7860W
Motorola ST7867W
Motorola ST7868W
Motorola ST7890
Motorola ST7897
Motorola STARTAC
Motorola STARTAC 3000
Motorola STARTAC 6000
Motorola STARTAC 6500
Motorola STARTAC 7000
Motorola STARTAC 8000
Motorola STARTAC 8500
Motorola STARTAC 8600
Motorola STARTAC ST77
Motorola STARTAC ST77

If you do not see your phon model listed, please cal 800-955-9997.

Batteries for Portable Phones [270-10]

Motorola Portable Phone Batteries



431124

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requi ments of their phones, satisfying the most demanding customer. You ca trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
431124 1 EACH	Motorola Inc. 98105/SNN4814 12 Month Limited	Extra capacity main battery. Retail box. Black 900 mAh LiIo 110 minutes TT/22 hours ST	34.00 0.22 0.1	19. 19. 17.

Wireless Solutions Batteries

13080

73697

59691

- High Quality, Great Value
- Attractive retail packaging that promotes self selection and consumer education
- Available with merchandising system that drives multiple and repeat purchases to improve overa profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
13080 1 EACH	Wireless Solutions 13080 Lifetime	Replacement Main Battery Black 550 mAh NiMH Provides 60 minutes of talk time, 12 hours standby.	30.55 0.25 0.11	21 17 15
73697 1 EACH	Wireless Solutions 73697 3 Years	Slim Main Battery Black 600 mAh LiIo Provides 65 minutes of talk time, 14 hours standby.	30.55 0.25 0.11	21 17 15
59691 1 EACH	Wireless Solutions 471192U Lifetime	Replacement Main Battery Black 900 mAh LiIo Provides 100 minutes of talk time, 20 hours standby.	30.55 0.25 0.11	21 17 15

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iplier Cellular Batteries

32380 97201 67061

lier products have long been recognized as "professional quality". All products are manu-ed in the United States and tested prior to leaving the factory.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
0 H	Multiplier M4908 1 Year	Standard Main Battery Black 550 mAh NiMH Provides 60 minutes of talk time, 12 hours standby. Black.	31.90 1 0.45	16.74 16.20 15.93
H	Multiplier M4906 1 Year	Standard Main Battery Steel Gray 550 mAh NiMH Provides 60 minutes of talk time, 12 hours standby. Steel Gray.	31.90 0.2 0.09	16.74 16.20 15.93
H	Multiplier M4907-LI 1 Year	Standard Main Battery Dark Gray 1000 mAh LiIo Provides 110 minutes of talk time, 20 hours standby. Dark Gray.	68.00 0.25 0.11	35.72 34.56 33.99
H	Multiplier M4908-LI 1 Year	Standard Main Battery Black 1000 mAh LiIo Provides 110 minutes of talk time, 20 hours standby. Black.	68.00 0.25 0.11	35.72 34.56 33.99

Vehicle Power Adapters [275-10]

orola (OEM) Vehicle Power Adapters

487105

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories. These products are used by directly plugging onto the phone without removing the battery. Provides power to the phone and charges the battery at the same time.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
5 H	Motorola Inc. 98126/SYN4241 12 Month Limited	Vehicle Power Adapter. Retail box.	25.00 0.5 0.23	8.27 8.02 7.39

less Solutions Vehicle Power Adapter

64422

Wireless Solutions Vehicle adapters are a great value, and high quality. Quality tested cable returns to original shape after multiple stretches. Attractive retail packaging.

- e rate charging for safety & convenience (no arging)
- current to make a call with a discharged bat-
- Attractive retail packaging that promotes self selection and consumer education
- Available with revolutionary merchandising system that drives multiple and repeat purchase to improve overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1	Wireless Solutions 64422 Lifetime	Vehicle Power Adapter. Retail Packaged.	23.00 0.25 0.11	7.24 5.91 4.60

Battery Conditioning Units [305-10]

SCP Maximizer Dual Port Charger

11909

Superior Cellular Products Maximizer lightweight charger is a dual port charger that allows you to charge your phone and a spare battery. Both ports feature charging status indicator lights. The Maximizer's smart microprocessor distinguishes between NiMH and Li-Ion batteries, charging each to the optimal level. Each charger includes UL/CSA AC adapter and can charge a standard battery in 90 minutes or less. Rear slot conditions batteries.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
11909 1 EACH	Superior Comm. 41186 3 YEARS	Dual Port Charger	34.65 2 0.91	16.56 15.95 15.58

Face Plates [311-10]

FPF Fun Friends

427352 468391 498359

Fun Friends are leading the way with adorable characters that give new attitude to these otherwise dull products. Fun Friends are a perfect match for all who enjoy plush characters ranging from Funky the Monkey to Tadpole our Lime Green Frog.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 427352 1 EACH	funphonefriend.com A-25 30 days	FunFriends phone cover. Daisy Flip- Jean	15.00 0.32 0.15	6.50 5.75 5.21
NEW 468391 1 EACH	funphonefriend.com A-16 30 days	Fun Friends phone covers. Spotty Flip- Dalmation Dog	15.00 0.32 0.15	6.50 5.75 5.21
NEW 498359 1 EACH	funphonefriend.com A-4 30 days	Fun Friends, Floppy flip-Golden Dog phone cover.	15.00 0.32 0.15	6.50 5.75 5.21

Chargers, Desk Top, Travel [305-60]

Motorola AC Travel Chargers

474145

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
474145 1 EACH	Motorola Inc. 98125/SPN4604 12 Month Limited	Travel Charger with folding blades. Retail box.	16.25 1 0.45	10.60 10.27 9.46

Motorola Desktop Chargers

420083

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
420083 1 EACH	Motorola Inc. 98274 1 Year	Desktop Charger Base only. Requires 98125 power supply.	32.50 0.4 0.18	20.19 19.54 17.91

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Wireless Solutions Travel Charger

50264

- Plugs into any 110 volt outlet
- Use your phone while it is charging
- Rapid Charges batteries in about 2-4 hours
- Attractive retail packaging that promotes self selection and consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
50264 1 EACH	Wireless Solutions 50264 Lifetime	Travel Charger	14.50 0.42 0.19	10.31 8.30 6.30

Cases for Portable Cellular Phones [310-10]

Motorola Sling Pack Cases

81465

Hold on to your phone, and all your other essentials, while on the go! Slingpack carry cases are durable carry-alls that sling securely across your body for today's hottest look. Pocket does not accommodate phone with holster attached.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
81465 1 EACH	Motorola Inc. SYN8440 1 Year	Sling Pack Shoulder Pouch. BULK packaged. Orange	10.00 0.25 0.11	6.21 6.01 5.51

Wireless Solutions Cases

46610

- High quality leather
- Nylon stitching
- Leather covered rust resistant spring clip
- Mylar plastic that will not yellow or crack
- Environmentally tested to ensure durability
- Attractive retail packaging that promotes self selectionand consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
46610 1 EACH	Wireless Solutions 46610 Lifetime	Leather Case. Retail packaged. Black	11.60 0.18 0.08	7.50 6.87 6.30

Wireless Solutions Phone Holsters

455121

- Phone Holster can ratchet 180 degrees.
- Phone sits firmly in place inside of holster.
- Holster is manufactured with high-impact plastic.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
455121 1 EACH	Wireless Solutions 428135U 1 Year	Ratcheting Phone Holster Black	7.75 0.3 0.14	5.51 4.66 3.60

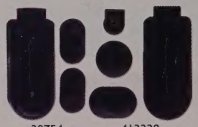
Waterproof Cases, Belt Clips [310-60]

Motorola Portable Phone Holsters

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories match the specific requirements of their phones, satisfy the most demanding customer. You can trust the high q and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T
481104 1 EACH	Motorola Inc. 98127/SHN6971 12 Month Limited	Rear-facing plastic holster. Retail box. Black	6.25 0.1 0.05	
486131 1 EACH	Motorola Inc. SYN7574 12 Month Limited	Front-facing plastic holder. Retail box. Black	6.25 0.1 0.05	

Wireless Solutions Beltclips



30754 413338

Belt clips designed to conveniently snap onto the phone to securely hold it in place. Holds the phone without the need leather carry case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T
30754 1 EACH	Wireless Solutions 30754 Lifetime	Universal Belt Clip includes three different swivels with 3M adhesive. Black	6.80 0.18 0.08	
NEW 413338 1 EACH	Wireless Solutions 458379U Lifetime	Universal Belt Clip includes two swivels with 3M adhesive. Black	6.80 0.18 0.08	

Hands Free Kits, Mics, Headsets [262-09]

StarTAC Handsfree/Booster Kits

Motorola StarTAC handsfree and booster kits. Includes watt booster(66810/65517 only), rapid charging cradle, external speaker, hangup cup for auxiliary battery, cable mounting hardware. ORDER external ANTENNA sepe

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	
NEW 17545 1 EACH	Motorola Inc. SKN6124B 1 yr	Motorola StarTAC handsfree coiled cord.	51.25 0.25 0.11	

Motorola Zero Install Kits

Motorola Zero Install Handsfree Kits require no profes installation and are easily moved from vehicle to vehicl Includes cradle, speaker and microphone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	
15118 1 EACH	Motorola Inc. 98192 1 year	Portable HF kit w/o cradle. Zero Install Kit.	75.00 0.8 0.36	

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torola Digital Handsfree Kit

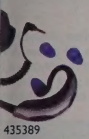
31187

Motorola Digital Handsfree Car Kits Provide Handsfree conversations, rapid battery charging and an external antenna connection. Includes cradle, mic, speaker, cables and mounting hardware.

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
87 CH	Motorola Inc. S6965 1 yr	HANDSFREE kit for Motorola StarTAC and series analog/digital 800 MHz and 1900 MHz phones. Mini-UHF termination.	241.90 3.45 1.57	150.21 145.37 133.28

Headsets [262-10]

etooth Headsets

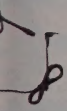


435389

The Motorola Bluetooth headset provides a cordless connection to your mobile phone. Carry on handsfree conversation without the restriction of a cord.

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 89 CH	Jabra Corporation 100-91030000-02 1 Year	Freespeak Bluetooth Headset with 2.5mm headset jack.	179.95 0.45 0.2	143.06 123.09 114.99

arvox Over-the-Ear Headset



35716

Lightweight over-the-ear headset is held in place comfortably with a support triangle that slips over the ear. Boom microphone rotates to accomodate right or left ear. Weighs less than 2 oz. 2.5 mm plug connects directly into the headset port of the cellular phone.*

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
16 CH	ClearVox Communications C-300 1 Year	Over the Ear Headset Headset. Mic is not noise canceling. Retail packaged.	20.70 0.15 0.07	13.75 10.78 10.34

a In-the-Ear Headset

The JABRA Corporation's headset features an innovative all-in-the-ear speaker and microphone. Built-in noise reduction technology for clear transmissions. Totally portable and digital-ready. Four-foot cable, six EarGels and standard 2.5 mm plug for direct connection to mobile phone.

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
03 CH	Jabra Corporation ES2.5MM302 1 year	Earset with six comfort ear-gels. Fits any phone with a 2.5mm jack.	31.35 0.15 0.07	17.86 15.67 15.36

Jabra EarBoom Headset

413032

"Fits-your-face," flexible mini-boom is comfortable and non-intrusive. For those who need to talk and listen "on the move." The custom-fit EarGel channels sound into your ear for great reception.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
413032 1 EACH	Jabra Corporation EM2.5MM302 1 year	EarBoom with Universal 2.5mm Connector	24.95 0.3 0.14	14.23 12.48 12.23

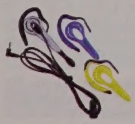
Jabra EarBud Headset

481060

The JABRA EarBud is the most cost-effective, JABRA solution for mobile phone users wanting a hands-free alternative at a value price. The JABRA EarBud uses the patented EarGel for a secure fit and contemporary styling. Unlike the EarSet and Ear Boom solutions, the EarBud integrates the microphone as part of the cable leading from the ear to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
481060 1 EACH	Jabra Corporation EB2.5MM302 1 Year	2.5mm EarBud with three EarGels	19.95 0.25 0.11	11.38 9.98 9.78

Jabra EarWrap Headset

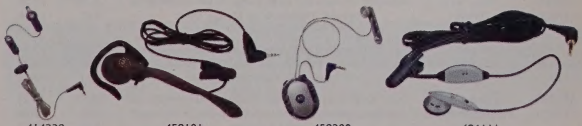


411070

The JABRA EarWrap: noise-canceling mic, sleek, lightweight design, colorful accessories. Choose from snap-on boom covers and flex-forming ear wraps in sleek tones of silver, blue and yellow.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
411070 1 EACH	Jabra Corporation EW2.5MM402 1 Year	EarWrap with 2.5mm Universal connector, 3 color faceplates and 3 conforming earhooks.	29.95 0.25 0.11	17.08 14.98 14.68

Motorola Hands-Free Headset



414339 458101 458300 486111

423154

• Motorola hands-free headsets allow private phone calls. Plug directly into the phone.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **414339** 1 EACH	Motorola Inc. SYN9350 12 Month Limited	Earbud headset with in-line microphone. Retail box.	12.50 0.15 0.07	8.27 8.02 7.39
458101 1 EACH	Motorola Inc. 98328/SYN8908 12 Month Limited	Over-the-ear handsfree headset. Retail Box.	25.00 0.15 0.07	13.08 12.67 11.66
NEW **458300** 1 EACH	Motorola Inc. 98435/SYN9050 12 Month Limited	Motorola retractable headset. Retail Box.	21.90 0.1 0.05	14.09 13.65 12.56

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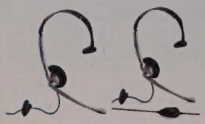
Motorola StarTac

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **486111** 1 EACH	Motorola Inc. 98323/AAYN4264 12 Month Limited	Earbud headset with in-line microphone. Silver. Retail box.	12.50 0.15 0.07	8.27 8.02 7.39
423154 1 EACH	Motorola Inc. 98196/SYN8284 12 Month Limited	Motorola retractable in-ear headset. Retail Box.	21.90 0.1 0.05	14.09 13.65 12.56

Plantronics Over-The-Head Headsets

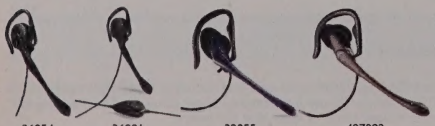


36909 36926

All Plantronics over-the-head wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36909 1 EACH	Plantronics M110 1 Year	Flexible headband on this over-the-head headset provides stability and comfort.	24.20 0.4 0.18	16.06 12.59 12.08
36926 1 EACH	Plantronics M114 1 Year	Flexible headband on this over-the-head style headset provides stability and comfort. Includes in-line volume control.	26.80 0.4 0.18	17.80 13.95 13.39

Plantronics Over-The-Ear Headsets



36954 36981 32055 497082

All Plantronics over-the-ear wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hard-wired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36954 1 EACH	Plantronics M120 1 Year	Lightweight comfort in an over-the-ear style headset.	24.20 0.25 0.11	16.06 12.59 12.08
36981 1 EACH	Plantronics M124 1 Year	Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80 0.24 0.11	17.80 13.95 13.39
32055 1 EACH	Plantronics M130 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic-blue, blurple color.	29.50 0.22 0.1	19.59 15.36 14.73
NEW **433174** 1 EACH	Plantronics M135/BLUE 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, blurple color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55
497082 1 EACH	Plantronics M135/ESPRESSO 1 Year	Superior comfort and sleek design in this over-the-ear headset. Espresso color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55

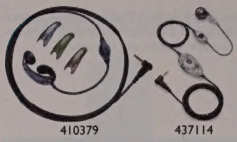
Plantronics In-The-Ear Headsets

37000 37004

All Plantronics in-the-ear boom-style wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37000 1 EACH	Plantronics M140/CHARCOAL 1 Year	Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11	24.31 19.06 18.28
NEW **467122** 1 EACH	Plantronics M140/SILVER 1 Year	Ultra-light comfort with this in-the-ear style headset. Silver color.	36.60 0.25 0.11	24.31 19.06 18.28
37004 1 EACH	Plantronics M145 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11	28.22 22.12 21.22

Plantronics Discreet Earbud Headsets

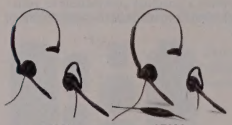


410379 437114

All Plantronics earbud headsets for wireless phones ture Flexfit(TM) design for increased stability, RF noi shielded cable, advanced speaker technology, and a c ing clip. Available in a standard 2.5mm plug or hardw for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW **410379** 1 EACH	Plantronics MX100 1 Year	Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19 15 14
437114 1 EACH	Plantronics M205 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09	19 15 14

Plantronics Convertible Headsets



37022 37030

All Plantronics convertible style wireless phone head feature a noise-canceling microphone, RF noise shield cable, advanced speaker technology, microphone-adju switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
37022 1 EACH	Plantronics M170 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18	31 24 23
37030 1 EACH	Plantronics M175 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22	35 27 26

Plantronics Cordless Headsets

467353

Cut the Cord(TM) with Bluetooth(TM) wireless headsets from Plantronics. Plantronics over-the-ear cordless headsets feature an adjustable noice canc microphone, volume/mute control and answer/end button. High-capacity rechargeable batteries provide up to 2.5 hours of talk time and 60 hours o standby.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW **467353** 1 EACH	Plantronics M1500 BLUE-TOOTH 1 Year	Bluetooth headset. Over-the-ear style with answer/end button and volume/mute control. Includes Bluetooth adapter, AC adapter and rechargeable battery. Bluetooth version 1.1.	250.70 0.25 0.11	16 13 12

SpeakEasy Over-the-Ear Headset

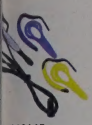
66086

Superior Communications SpeakEasy Headset offers a quality, affordable handsfree solution. Fits over either ear. Speaker rests comfortably outsid Boom microphone swivels into position. Lightweight and easy to wear.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
66086 1 EACH	Superior Comm. 18687 3 year	SpeakEasy Over-the-Ear Headset with a 2.5 mm headset input	10.05 0.1 0.05	4 4 4

NEW = New Listing. Pricing for reference See TESSCO.com for latest pricing and pro Copyright 2003 all rights reserved.

eless Solutions 2.5mm Earwrap



460165

The Wireless Solutions EarWrap: noise-canceling mic, sleek, lightweight design, colorful accessories. Choose from snap-on boom covers and flex-forming ear wraps in sleek tones of silver, blue and yellow.

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
65 CH	Wireless Solutions 466053U Lifetime	Earwrap with colored faceplates and 2.5mm connector.	27.50 0.4 0.18	16.17 14.25 13.97

eless Solutions EarBoom Headset

Wireless Solutions In The Ear headset features a boom mic. Comfortable. Provide good mic sound as well as in the ear speaker.

9

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
999 CH	Wireless Solutions 484028U Lifetime	Earboom Headset with 2.5mm jack. Includes six eargels.	31.00 0.3 0.14	13.31 11.32 9.31

eless Solutions EarBud Headset

445052

The Wireless Soluitons EarBud is the most cost-effective, solution for mobile phone users wanting a hands-free alternative at a value price. The EarBud integrates the microphone as part of the cable leading from the ear to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
52 CH	Wireless Solutions 438045U Lifetime	Earbud Headset with 2.5mm jack. Includes six eargels.	27.00 0.3 0.14	12.09 10.09 8.09

Portable Cellular Phone Accessory Kit [262-50]

torola Starter Kits

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
V 35 CH	Motorola Inc. 417126/472143 12 Month Limited	Starter kit. Includes vehicle power adapter and leather case with belt clip.	35.00 0.5 0.23	14.48 14.03 12.90

Wireless Solutions Starter Kits

61783

Starter Kits include a glove leather fitted case and a vehicle power adapter. Wireless Solutions Retail Packaging.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
61783 1 EACH	Wireless Solutions 61783-STARTER KIT Lifetime	Starter Kit. Includes open face leather caseand vehicle power adapter. Cellular One Retail Package. Lifetime Warranty.	33.00 0.35 0.16	13.90 11.92 9.90

Retractable/Replacement Antennas [385-65]

Motorola Retractable Antenna

76836

Original Motorola Retractable Antenna replacement

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
76836 3 PACK	Motorola Inc. SAF5120B 2 yr.	824-896 MHz Motorola Retractable Antennas. 3 per package.	40.00 0.3 0.14	24.80 24.00 22.00
NEW 464395 1 EACH	Motorola Inc. 6609414J02 1 Year	Antenna removal tool	20.95 0.1 0.05	15.56 15.56 15.56

Data Interfaces for Portable Phones [260-12]

Motorola Data Connectivity Kit

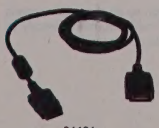
56660

Motorola Data Connectivity Kit allows the user to connect a wireless phone to a modem, enabling access to the internet, e-mail or fax. Just connect the cable to your laptop, desktop, or PDA. Install the software and make your connection.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
56660 1 EACH	Motorola Inc. SYN7464	Serial cable (RS232 plug) only for CDMA data compatible phones. For use with Data Connectivity Kit.	42.50 0.2 0.09	26.40 25.55 23.42

Cellular Modems [260-14]

3Com Cellular Modem Card



26696

PCMCIA modem cables.

- Windows 95/98, NT, ME, 2000 Compatible
- Apple Powerbook system 7.5.5 or higher Compatible
- Requires 16 bit PCMCIA slot/32bit card bus

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description For Phone	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
26696 1 EACH	US Robotics CABLEMOT4 None	Cable only. Motorola StarTAC 6000, 6500, 8000, 8500	59.95 0.2 0.09	56.96 56.06 55.16

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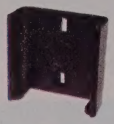
Mounting Plates, Cradles, Holders [150-40]

MTU Passive Holders



Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
31055 1 EACH	AleEv (formerly MTU) 22132 1 year	Passive Holder for all Motorola StarTAC's. Features quick release buttons.	19.95 0.1 0.05	8.01 7.44 6.95

External Antenna Kits for Portables [362-40]

Wireless Solutions Antenna Cables

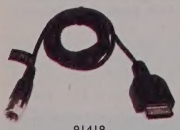
444380

Wireless Solutions Antenna Cables and Antenns

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **444380** 1 EACH	Wireless Solutions 454106U 1 Year	Dual Band Mini-Magnetic Mount Antenna connects to RF adapter.	19.70 0.25 0.11	11.22 9.89 9.43
NEW **435329** 1 EACH	Wireless Solutions 414102U 1 Year	Antenna Adapter Cable. Motorola StarTAC. Use Dual Band Mini Mag-Mount Antenna SKU# 444380.	11.00 0.25 0.11	6.50 5.75 5.50

Cellular Antenna Couplers [362-41]

Antenna Specialists Talkaround Cable

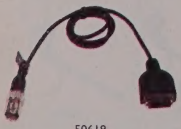


91418

Antenna Specialists RF Link cables allow easy connection to an external antenna to improve the phone's performance. 48" cables attaches directly to the phone and terminates in an SAP/FME male connector.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
91418 1 EACH	Antenna Specialists K347 Lifetime	Fits Motorola StarTAC series	20.65 0.05 0.02	10.94 10.11 9.91

ClearConnect Cables



50618

ClearConnect cables allow easy connection to an external antenna to improve the phone's performance. 12" cable attaches directly to the phone and terminates in a TNC female connector.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
50618 1 EACH	Superior Comm. 41143 3 Year	Fits Motorola StarTAC	14.15 0.12 0.05	6.76 6.52 6.37

ClearConnect with Antenna

ClearConnect reduces dropped calls and improves your nal strength. Links your phone to a dual band mini magn antenna that easily attaches to your vehicle.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
93990 1 EACH	Superior Comm. 41145 3 Year	Fits Motorola StarTAC.	34.45 0.25 0.11	1 1 1

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See TESSCO.com for latest pricing and pro
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Compatible Phone Models:

Motorola T193

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

orola Portable Phone Batteries

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

460172

	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
	Motorola Inc.	Standard battery. Retail box.	20.00	12.92
2	98364/AANN4106	600 mAh NiMH 200-300 minutes TT/80-150 hours ST	0.2	12.52
	12 Month Limited	in GSM mode	0.09	11.52

less Solutions Batteries

uality, Great Value

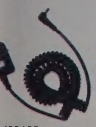
ive retail packaging that promotes self selec-
d consumer education

- Available with merchandising system that drives multiple and repeat purchases to improve overall profitability

	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
	Wireless Solutions	Internal Battery	30.55	21.52
4	426392U	500 mAh NiMH 1 to 3 hours DTT/3 to 8 days DST	0.3	17.51
	1 Year		0.14	15.76

Vehicle Power Adapters [275-10]

orola (OEM) Vehicle Power Adapters



Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories. These products are used by directly plugging onto the phone without removing the battery. Provides power to the phone and charges the battery at the same time.

433133

	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
4	Motorola Inc.	Vehicle power adapter. Retail box.	25.00	7.49
	98246/SYN8087		0.3	7.27
	12 Month Limited		0.14	6.70

Wireless Solutions Vehicle Power Adapter

Wireless Solutions Vehicle adapters are a great value, and high quality. Quality tested cable returns to original shape after multiple stretches. Attractive retail packaging.

459078

- Variable rate charging for safety & convenience (no overcharging)
- Enough current to make a call with a discharged battery
- Attractive retail packaging that promotes self selection and consumer education
- Available with revolutionary merchandising system that drives multiple and repeat purchase to improve overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
459078	Wireless Solutions	Vehicle Power Adapter. Retail Packaged.	23.00	7.24
1 EACH	410034U		0.3	5.91
	Lifetime		0.14	4.60

Face Plates [311-10]

Motorola Convertible Phone Covers

454139 457170 452107

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Motorola Inc.	Convertible cover. Snaps easily onto phone. Lime wash	12.50	8.27
454139	98367/SYN9314	with yellow lens. Retail box.	0.25	8.02
1 EACH	12 Month Limited		0.11	7.39
NEW	Motorola Inc.	Convertible cover. Snaps easily onto phone. Nordic	12.50	8.27
457170	98368/SYN9312	blue with standard lens. Retail box.	0.25	8.02
1 EACH	12 Month Limited		0.11	7.39
NEW	Motorola Inc.	Convertible cover. Snaps easily onto phone. Orange	12.50	8.27
452107	98369/SYN9313	glow with yellow lens. Retail box.	0.25	8.02
1 EACH	12 Month Limited		0.11	7.39

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FPF Fun Friends

Fun Friends are leading the way with adorable characters that give new attitude to these otherwise dull products. Fun Friends are a perfect match for all who enjoy plush characters ranging from Funky the Monkey to Tadpole our Lime Green Frog.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 417318 1 EACH	funphonefriend.com A-05 30 days	Fun Friends phone cover. Tapole Frog	15.00 0.32 0.15	6.50 5.75 5.21
NEW 425345 1 EACH	funphonefriend.com A-01 30days	FunFriends phone cover. Bully-Bulldog	15.00 0.32 0.15	6.50 5.75 5.21
NEW 440370 1 EACH	funphonefriend.com A-22 30 days	Fun Friends Funky- Monkey	15.00 0.32 0.15	6.50 5.75 5.21
NEW 454305 1 EACH	funphonefriend.com A-19 30 days	FunFriends phone cover. ALI- Aligator	15.00 0.32 0.15	6.50 5.75 5.21
NEW 474325 1 EACH	funphonefriend.com A-27 30 days	Fun Friends phone cover. Santa	15.00 0.32 0.15	6.50 5.75 5.21
NEW 481374 1 EACH	funphonefriend.com A-15 30 days	Fun Friends phone covers. Dangles- Dog Hanging Legs	15.00 0.32 0.15	6.50 5.75 5.21
NEW 482389 1 EACH	funphonefriend.com A-24 30 days	Fun Friends phone covers. Munchie- Manatee	15.00 0.32 0.15	6.50 5.75 5.21
NEW 486359 1 EACH	funphonefriend.com A-10 30 days	Fun Friends phone covers. Kit Kat- Cat	15.00 0.32 0.15	6.50 5.75 5.21
NEW 488341 1 EACH	funphonefriend.com A-7 30 days	Fun Friends phone cover. Larry -Lobster	15.00 0.32 0.15	6.50 5.75 5.21
NEW 490397 1 EACH	funphonefriend.com A-21 30 days	Fun Friends phone covers. Cheeser- Mouse	15.00 0.32 0.15	6.50 5.75 5.21
NEW 491340 1 EACH	funphonefriend.com A-09 30 days	Fun Friends phone covers. Oinky- Pig	15.00 0.32 0.15	6.50 5.75 5.21
NEW 499325 1 EACH	funphonefriend.com A-20 30 days	Fun Friends phone covers. Moo Moo- Cow	15.00 0.32 0.15	6.50 5.75 5.21

Chargers, Desk Top, Travel [305-60]

Motorola AC Travel Chargers

Original accessories... "from the people that made your phone(
OEMs design and manufacture accessories to match the specifi
requirements of their phones, satisfying the most demanding cu
You can trust the high quality and performance of original acces

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
87752 1 EACH	Motorola Inc. SPN4681 1 Year	Travel charger with US AC plug. Bulk packaged.	6.90 0.45 0.2

Motorola FreeCharge Chargers

The Motorola FreeCharge(TM) is a unique, con
energy source for mobile phones. A winding ha
provides power to a mobile phone with no AC
outlet required.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW 431395 1 EACH	Motorola Inc. 98416 12 Month Limited	FreeCharge(TM). Blue. Includes flashlight adapter and phone adapter module.	102.50 0.4 0.18
NEW 477300 1 EACH	Motorola Inc. 98417 12 Month Limited	FreeCharge(TM). Yellow. Includes flashlight adapter and phone adapter module.	102.50 0.4 0.18

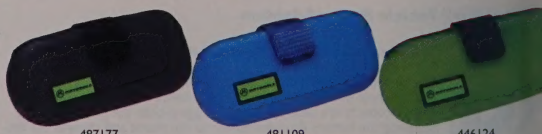
Wireless Solutions Travel Charger

- Plugs into any 110 volt outlet
- Use your phone while it is charging
- Rapid Charges batteries in about 2-4 hours
- Attractive retail packaging that promotes self tion and consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
436083 1 EACH	Wireless Solutions 497095U Lifetime	Travel Charger	14.50 0.4 0.18

Cases for Portable Cellular Phones [310-10]

Motorola OEM Phone Cases



Original accessories... "from the people that made your phone(TM)." OEMs design and facture accessories to match the specific requirements of their phones, satisfying the m demanding customer. You can trust the high quality and performance of original accesso

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)
NEW 487177 1 EACH	Motorola Inc. 98366/SYN9418A 12 Month Limited	Hard plastic carry case with detachable rotating belt clip. Includes velcro closure and wrist strap. Retail box. Black	13.65 0.2 0.09
NEW 481109 1 EACH	Motorola Inc. 98370/SYN9417A 12 Month Limited	Hard plastic carry case with detachable rotating belt clip. Includes velcro closure and wrist strap. Retail box. Blue	13.65 0.2 0.09

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g product table (2 of 2)

Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Motorola Inc. 98371/SYN9419A 12 Month Limited	Hard plastic carry case with detachable rotating belt clip. Includes velcro closure and wrist strap. Retail box. Green	13.65 0.2 0.09	8.97 8.70 8.01

ess Solutions Cases

ality leather
titching
covered rust resistant spring clip

- Mylar plastic that will not yellow or crack
- Environmentally tested to ensure durability
- Attractive retail packaging that promotes self selectionand consumer education

Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Wireless Solutions 476342U 1 Year	Leather case with built-in swivel and belt clip. Retail packaged. Black	11.60 0.4 0.18	7.50 6.87 6.30

lze Holsters

The Stand-Up Phone Holster provides the ultimate in protection and usability for your phone. Durable Ballistic nylon protects from moisture and scratches, and a secure holstering mechanism ensures your phone will never leave your belt unintentionally

e in three sizes: small, medium and large.
sides expand to accomodate various phones
pockets hold accessories

e metal frame stands, hangs or attaches to
and provides a hands-free workstation

- Security snap attaches securely to belt
- Open-ended design for CLA's, headset or other phone accessories

Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Nite Ize SUMP-07-01 2 years	Medium holster. Phone must fit into 5 1/2L" x 3 1/8"W x 1 1/4D" pocket.	28.25 0.15 0.07	14.68 14.34 14.11

lze Protective Case

424372 467363 482355

Boxit mobile phone case provides the ultimate protection for any environment.

polyurethane front and polycarbonate back
phone from moisture, dirt, dust, and shock.
oo!

two different lids to accomodate nearly
none. Antenna extensions and plugs are
for nearly every style antenna.

- Hear and talk through flexible transparent face while a special waterproof Gore audio membrane enhances audibility and guarantees effective sound transmission
- Operates from -40F to +140F. Approved to IP45 and IP65

Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Nite Ize NBX-07-01 2 years	BOXIT universal phone case. Onyx color	46.20 0.15 0.07	24.01 23.47 23.09
Nite Ize NBX-07-04 2 years	BOXIT universal phone case. Crystal color.	46.20 0.15 0.07	24.01 23.47 23.09
Nite Ize NBX-07-28 2 years	BOXIT universal phone case. Citron color.	46.20 0.15 0.07	24.01 23.47 23.09
Nite Ize NBX-07-03 2 years	BOXIT universal phone case. Aqua color.	46.20 0.15 0.07	24.01 23.47 23.09

Hands Free Kits, Mics, Headsets [262-09]

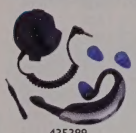
Motorola Easy Install Handsfree Kits

Motorola Easy Install Kits require no professional installation. These kits include 3-watt speaker, in-line microphone, rapid charging capability and clip-on attachment system to mount speaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 468138 1 EACH	Motorola Inc. 98365 12 Month Limited	Easy install handsfree kit. Retail blister package.	81.25 2 0.91	50.46 48.84 44.77

Headsets [262-10]

Bluetooth Headsets



435389

The Motorola Bluetooth headset provides a cordless connection to your mobile phone. Carry on handsfree conversation without the restriction of a cord.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 435389 1 EACH	Jabra Corporation 100-91030000-02 1 Year	Freespeak Bluetooth Headset with 2.5mm headset jack.	179.95 0.45 0.2	143.06 123.09 114.99

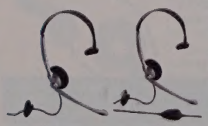
Motorola Hands-Free Headset

414339 458300 486111 423154

- Motorola hands-free headsets allow private phone calls. Plug directly into the phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 414339 1 EACH	Motorola Inc. SYN9350 12 Month Limited	Earbud headset with in-line microphone. Retail box.	12.50 0.15 0.07	8.27 8.02 7.39
NEW 458300 1 EACH	Motorola Inc. 98435/SYN9050 12 Month Limited	Motorola retractable headset. Retail Box.	21.90 0.1 0.05	14.09 13.65 12.56
NEW 486111 1 EACH	Motorola Inc. 98323/AAYN4264 12 Month Limited	Earbud headset with in-line microphone. Silver. Retail box.	12.50 0.15 0.07	8.27 8.02 7.39
423154 1 EACH	Motorola Inc. 98196/SYN8284 12 Month Limited	Motorola retractable in-ear headset. Retail Box.	21.90 0.1 0.05	14.09 13.65 12.56

Plantronics Over-The-Head Headsets



36909 36926

All Plantronics over-the-head wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36909 1 EACH	Plantronics M110 1 Year	Flexible headband on this over-the-head headset provides stability and comfort.	24.20 0.4 0.18	16.06 12.59 12.08

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Motorola T193

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36926 1 EACH	Plantronics M114 1 Year	Flexible headband on this over-the-head style headset provides stability and comfort. Includes in-line volume control.	26.80 0.4 0.18	17.80 13.95 13.39

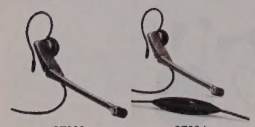
Plantronics Over-The-Ear Headsets

36954 36981 32055 497082

All Plantronics over-the-ear wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hard-wired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36954 1 EACH	Plantronics M120 1 Year	Lightweight comfort in an over-the-ear style headset.	24.20 0.25 0.11	16.06 12.59 12.08
36981 1 EACH	Plantronics M124 1 Year	Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80 0.24 0.11	17.80 13.95 13.39
32055 1 EACH	Plantronics M130 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic-blue, blurple color.	29.50 0.22 0.1	19.59 15.36 14.73
NEW **433174** 1 EACH	Plantronics M135/BLUE 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, blurple color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55
497082 1 EACH	Plantronics M135/ESPRESSO 1 Year	Superior comfort and sleek design in this over-the-ear headset. Espresso color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55

Plantronics In-The-Ear Headsets

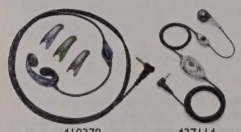


37000 37004

All Plantronics in-the-ear boom-style wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37000 1 EACH	Plantronics M140/CHARCOAL 1 Year	Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11	24.31 19.06 18.28
NEW **467122** 1 EACH	Plantronics M140/SILVER 1 Year	Ultra-light comfort with this in-the-ear style headset. Silver color.	36.60 0.25 0.11	24.31 19.06 18.28
37004 1 EACH	Plantronics M145 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11	28.22 22.12 21.22

Plantronics Discreet Earbud Headsets



410379 437114

All Plantronics earbud headsets for wireless phones feature Flexfit(TM) design for increased stability, RF noise shielded cable, advanced speaker technology, and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **410379** 1 EACH	Plantronics MX100 1 Year	Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19.59 15.36 14.73
437114 1 EACH	Plantronics M205 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09	19.59 15.36 14.73

Plantronics Convertible Headsets

37022 37030

All Plantronics convertible style wireless phone hea feature a noise-canceling microphone, RF noise shie cable, advanced speaker technology, microphone-ad switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
37022 1 EACH	Plantronics M170 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18
37030 1 EACH	Plantronics M175 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22

Plantronics Cordless Headsets

467353

Cut the Cord(TM) with Bluetooth(TM) wireless headsets from Plantroni Plantronics over-the-ear cordless headsets feature an adjustable noice ca microphone, volume/mute control and answer/end button. High-capacity rechargeable batteries provide up to 2.5 hours of talk time and 60 hours standby.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW **467353** 1 EACH	Plantronics M1500 BLUE-TOOTH 1 Year	Bluetooth headset. Over-the-ear style with answer/end button and volume/mute control. Includes Bluetooth adapter, AC adapter and rechargeable battery. Bluetooth version 1.1.	250.70 0.25 0.11

Wireless Solutions 2.5mm Earwrap

460165

The Wireless Solutions EarWrap: noise-canceling mic, sleek, lightwe design, colorful accessories. Choose from snap-on boom covers an forming ear wraps in sleek tones of silver, blue and yellow.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
460165 1 EACH	Wireless Solutions 466053U Lifetime	Earwrap with colored faceplates and 2.5mm connector.	27.50 0.4 0.18

Wireless Solutions EarBoom Headset

424099

Wireless Solutions In The Ear headset features a boom mic. Comfortable. Provid mic sound as well as in the ear speaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
424099 1 EACH	Wireless Solutions 484028U Lifetime	Earboom Headset with 2.5mm jack. Includes six eargels.	31.00 0.3 0.14

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eless Solutions EarBud Headset

445052

The Wireless Soluitons EarBud is the most cost-effective, solution for mobile phone users wanting a hands-free alternative at a value price. The EarBud integrates the microphone as part of the cable leading from the ear to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
52 H	Wireless Solutions 438045U Lifetime	Earbud Headset with 2.5mm jack. Includes six eargels.	27.00 0.3 0.14	12.09 10.09 8.09

Portable Cellular Phone Accessory Kit [262-50]

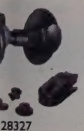
eless Solutions Starter Kits

Starter Kits include a glove leather fitted case and a vehicle power adapter. Wireless Solutions Retail Packaging.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
/ 3 H	Wireless Solutions 410034U Lifetime	Starter Kit. Includes open face leather case with built-in swivel and beltclip and a vehicle power adapter. Wireless Solutions retail packaging.	33.00 0.4 0.18	13.90 11.92 9.90

Mounting Plates, Cradles, Holders [150-40]

Mount



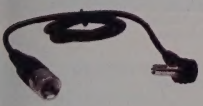
28327

The UltiMount by Pro.Fit International secures any phone or car kit in any vehicle. It swivels, rotates and adjusts to virtually any position and installs in seconds with 3M acrylic foam tape. No tools are needed. Great for cars, trucks, RV's or boats. Designed for cell phones, two- way radios, handheld GPS units and PDA's. The complete system includes a swivel belt clip, Nokia button, round and oblong buttons and surface preparation supplies. Will also work with a case with a built-in belt clip. Premium trifold clam-shell package with a color insert card and complete instructions for installing and removing.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
7 H	Pro.Fit International UL747 Lifetime	UltiMount	24.95 0.5 0.23	15.00 13.98 13.95

External Antenna Kits for Portables [362-40]

less Solutions Antenna Cables



451354

Wireless Solutions Antenna Cables and Antenns

n	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
0 1	Wireless Solutions 454106U 1 Year	Dual Band Mini-Magnetic Mount Antenna connects to RF adapter.	19.70 0.25 0.11	11.22 9.89 9.43
4 1	Wireless Solutions 433113U 1 Year	Antenna Adapter Cable. V120c, T193. Use Dual Band Mini Mag-Mount Antenna SKU# 444380.	11.00 0.25 0.11	6.50 5.75 5.50

Compatible Phone Models:

Motorola T2260
Motorola T2267
Motorola T2282
Motorola T2288
Motorola T2290
Motorola T2297

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

Motorola Portable Phone Batteries

493159

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
493159 1 PACK	Motorola Inc. 98247/SNN5542 12 Month Limited	(3)AAA Standard batteries. Retail box. 700 mah NiMH 110 minutes/40 hours.	15.00 0.2 0.09	8.27 8.02 7.39

Wireless Solutions Batteries

495081

- High Quality, Great Value
- Attractive retail packaging that promotes self selection and consumer education
- Available with merchandising system that drives multiple and repeat purchases to improve overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
495081 1 EACH	Wireless Solutions 462021U Lifetime	Replacement Battery Triple A Battery pack 900mah NiMH 1 to 4 hours DTT/1 to 6 days DST	30.55 0.3 0.14	21.52 17.51 15.76

Vehicle Power Adapters [275-10]

Motorola (OEM) Vehicle Power Adapters

433133

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories. These products are used by directly plugging onto the phone without removing the battery. Provides power to the phone and charges the battery at the same time.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
433133 1 EACH	Motorola Inc. 98246/SYN8087 12 Month Limited	Vehicle power adapter. Retail box.	25.00 0.3 0.14	7.49 7.27 6.70

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Wireless Solutions Vehicle Power Adapter

459078

Wireless Solutions Vehicle adapters are a great value, and high quality. Quality tested cable returns to original shape after multiple stretches. Attractive retail packaging.

- Variable rate charging for safety & convenience (no overcharging)
- Enough current to make a call with a discharged battery
- Attractive retail packaging that promotes self selection and consumer education
- Available with revolutionary merchandising system that drives multiple and repeat purchase to improve overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
459078 I EACH	Wireless Solutions 410034U Lifetime	Vehicle Power Adapter. Retail Packaged.	23.00 0.3 0.14	7.24 5.91 4.60

Face Plates [311-10]

FPF Fun Friends

417318 425345 440370

441386 454305 472388

474325 481374 482389 486359

488341 490397 491340

499325

Fun Friends are leading the way with adorable characters that give new attitude to these otherwise dull products. Fun Friends are a perfect match for all who enjoy plush characters ranging from Funky the Monkey to Tadpole our Lime Green Frog.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **417318** I EACH	funphonefriend.com A-05 30 days	Fun Friends phone cover. Tapole Frog	15.00 0.32 0.15	6.50 5.75 5.21
NEW **425345** I EACH	funphonefriend.com A-01 30days	FunFriends phone cover. Bully-Bulldog	15.00 0.32 0.15	6.50 5.75 5.21
NEW **440370** I EACH	funphonefriend.com A-22 30 days	Fun Friends Funky- Monkey	15.00 0.32 0.15	6.50 5.75 5.21
NEW **441386** I EACH	funphonefriend.com A-3 30 days	Fun Friends phone covers. Floppy Reg	15.00 0.32 0.15	6.50 5.75 5.21
NEW **454305** I EACH	funphonefriend.com A-19 30 days	FunFriends phone cover. ALI- Aligator	15.00 0.32 0.15	6.50 5.75 5.21

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **472388** I EACH	funphonefriend.com A-17 30 days	FunFriends phone cover. Beary- Lavender Bear	15.00 0.32 0.15	6.50 5.75 5.21
NEW **474325** I EACH	funphonefriend.com A-27 30 days	Fun Friends phone cover. Santa	15.00 0.32 0.15	6.50 5.75 5.21
NEW **481374** I EACH	funphonefriend.com A-15 30 days	Fun Friends phone covers. Dangles- Dog Hanging Legs	15.00 0.32 0.15	6.50 5.75 5.21
NEW **482389** I EACH	funphonefriend.com A-24 30 days	Fun Friends phone covers. Munchie- Manatee	15.00 0.32 0.15	6.50 5.75 5.21
NEW **486359** I EACH	funphonefriend.com A-10 30 days	Fun Friends phone covers. Kit Kat- Cat	15.00 0.32 0.15	6.50 5.75 5.21
NEW **488341** I EACH	funphonefriend.com A-7 30 days	Fun Friends phone cover. Larry -Lobster	15.00 0.32 0.15	6.50 5.75 5.21
NEW **490397** I EACH	funphonefriend.com A-21 30 days	Fun Friends phone covers. Cheeser- Mouse	15.00 0.32 0.15	6.50 5.75 5.21
NEW **491340** I EACH	funphonefriend.com A-09 30 days	Fun Friends phone covers. Oinky- Pig	15.00 0.32 0.15	6.50 5.75 5.21
NEW **499325** I EACH	funphonefriend.com A-20 30 days	Fun Friends phone covers. Moo Moo- Cow	15.00 0.32 0.15	6.50 5.75 5.21

Chargers, Desk Top, Travel [305-60]

Motorola AC Travel Chargers

87752

Original accessories... "from the people that made your phone(T
OEMs design and manufacture accessories to match the specific
requirements of their phones, satisfying the most demanding cust
You can trust the high quality and performance of original access

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
87752 I EACH	Motorola Inc. SPN4681 1 Year	Travel charger with US AC plug. Bulk packaged.	6.90 0.45 0.2	

Motorola FreeCharge Chargers

431395 477300

The Motorola FreeCharge(TM) is a unique, conv
energy source for mobile phones. A winding har
provides power to a mobile phone with no AC/
outlet required.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	
NEW **431395** I EACH	Motorola Inc. 98416 12 Month Limited	FreeCharge(TM). Blue. Includes flashlight adapter and phone adapter module.	102.50 0.4 0.18	
NEW **477300** I EACH	Motorola Inc. 98417 12 Month Limited	FreeCharge(TM). Yellow. Includes flashlight adapter and phone adapter module.	102.50 0.4 0.18	

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eless Solutions Travel Charger

436083

into any 110 volt outlet
our phone while it is charging

- Rapid Charges batteries in about 2-4 hours
- Attractive retail packaging that promotes self selection and consumer education

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
3 H	Wireless Solutions 497095U Lifetime	Travel Charger	14.50 0.4 0.18	10.31 8.30 6.30

Cases for Portable Cellular Phones [310-10]

orola OEM Phone Cases

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

o. m	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
7 H	Motorola Inc. 98265/SYN8441 12 Month Limited	Leather Case. Retail packaged. Black	20.00 0.25 0.11	7.11 6.89 6.36

orola Sling Pack Cases

81465

Hold on to your phone, and all your other essentials, while on the go! Slingpack carry cases are durable carry-alls that sling securely across your body for today's hottest look. Pocket does not accommodate phone with holster attached.

o. m	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
5 H	Motorola Inc. SYN8440 1 Year	Sling Pack Shoulder Pouch. BULK packaged. Orange	10.00 0.25 0.11	6.21 6.01 5.51

less Solutions Cases

439087

uality leather
stitching
r covered rust resistant spring clip

- Mylar plastic that will not yellow or crack
- Environmentally tested to ensure durability
- Attractive retail packaging that promotes self selectionand consumer education

n	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
4 H	Wireless Solutions 448041U Lifetime	Leather case with built-in swivel and belt clip. Vinyl over LCD only. Retail packaged. Black	11.60 0.4 0.18	7.50 6.87 6.30
7 H	Wireless Solutions 458022U Lifetime	Leather case with built-in swivel and belt clip. Vinyl over LCD and keypad. Retail packaged. Black	11.60 0.3 0.14	7.50 6.87 6.30

Waterproof Cases, Belt Clips [310-60]

Wireless Solutions Beltclips

30754 413338

Belt clips designed to conveniently snap onto the phone to securely hold it in place. Holds the phone without the need for a leather carry case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30754 1 EACH	Wireless Solutions 30754 Lifetime	Universal Belt Clip includes three different swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21
NEW 413338 1 EACH	Wireless Solutions 458379U Lifetime	Universal Belt Clip includes two swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21

Hands Free Kits, Mics, Headsets [262-09]

Motorola Easy Install Handsfree Kits

71123

Motorola Easy Install Kits require no professional installation. These kits include 3-watt speaker, in-line microphone, rapid charging capability and clip-on attachment system to mount speaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
71123 1 EACH	Motorola Inc. 98245 1 Year	Easy Install Hands Free Kit. System features include 3-watt speaker, in-line microphone, rapid charging capability and clip-on attachment system for car mounting.	40.00 2 0.91	24.84 24.04 22.04

Headsets [262-10]

Bluetooth Headsets

435389

The Motorola Bluetooth headset provides a cordless connection to your mobile phone. Carry on handsfree conversation without the restriction of a cord.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 435389 1 EACH	Jabra Corporation 100-91030000-02 1 Year	Freespeak Bluetooth Headset with 2.5mm headset jack.	179.95 0.45 0.2	143.06 123.09 114.99

Jabra In-the-Ear Headset

The JABRA Corporation's headset features an innovative all-in-the-ear speaker and microphone. Built-in noise reduction technology for clear transmissions. Totally portable and digital-ready. Four-foot cable, six EarGels and standard 2.5 mm plug for direct connection to mobile phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
65303 1 EACH	Jabra Corporation ES2.5MM302 1 year	Earset with six comfort ear-gels. Fits any phone with a 2.5mm jack.	31.35 0.15 0.07	17.86 15.67 15.36

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Motorola T2200 Series

Jabra EarBud Headset

481060

The JABRA EarBud is the most cost-effective, JABRA solution for mobile phone users wanting a hands-free alternative at a value price. The JABRA EarBud uses the patented EarGel for a secure fit and contemporary styling. Unlike the EarSet and Ear Boom solutions, the EarBud integrates the microphone as part of the cable leading from the ear to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
481060 1 EACH	Jabra Corporation EB2.5MM302 1 Year	2.5mm EarBud with three EarGels	19.95 0.25 0.11	11.38 9.98 9.78

Jabra EarWrap Headset

411070

The JABRA EarWrap: noise-canceling mic, sleek, lightweight design, colorful accessories. Choose from snap-on boom covers and flex-forming ear wraps in sleek tones of silver, blue and yellow.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
411070 1 EACH	Jabra Corporation EW2.5MM402 1 Year	EarWrap with 2.5mm Universal connector, 3 color face-plates and 3 conforming earhooks.	29.95 0.25 0.11	17.08 14.98 14.68

Motorola Hands-Free Headset

414339

458101

458300

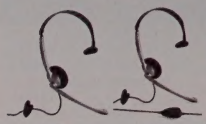
486111

423154

• Motorola hands-free headsets allow private phone calls. Plug directly into the phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **414339** 1 EACH	Motorola Inc. SYN9350 12 Month Limited	Earbud headset with in-line microphone. Retail box.	12.50 0.15 0.07	8.27 8.02 7.39
458101 1 EACH	Motorola Inc. 98328/SYN8908 12 Month Limited	Over-the-ear handsfree headset. Retail Box.	25.00 0.15 0.07	13.08 12.67 11.66
NEW **458300** 1 EACH	Motorola Inc. 98435/SYN9050 12 Month Limited	Motorola retractable headset. Retail Box.	21.90 0.1 0.05	14.09 13.65 12.56
NEW **486111** 1 EACH	Motorola Inc. 98323/AAYN4264 12 Month Limited	Earbud headset with in-line microphone. Silver. Retail box.	12.50 0.15 0.07	8.27 8.02 7.39
423154 1 EACH	Motorola Inc. 98196/SYN8284 12 Month Limited	Motorola retractable in-ear headset. Retail Box.	21.90 0.1 0.05	14.09 13.65 12.56

Plantronics Over-The-Head Headsets

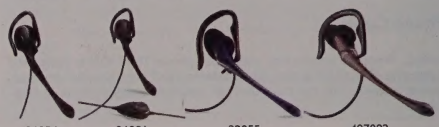


36909 36926

All Plantronics over-the-head wireless phone headsets fe a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch clothing clip. The 2.5mm plug connects directly into the h set port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
36909 1 EACH	Plantronics M110 1 Year	Flexible headband on this over-the-head headset provides stability and comfort.	24.20 0.4 0.18	
36926 1 EACH	Plantronics M114 1 Year	Flexible headband on this over-the-head style headset provides stability and comfort. Includes in-line volume control.	26.80 0.4 0.18	

Plantronics Over-The-Ear Headsets



36954 36981 32055 497082

All Plantronics over-the-ear wireless phone headsets feature a noise-cancelling microphon noise shielded cable, advanced speaker technology, microphone-adjust switch and a cloth clip. Available in a standard 2.5mm plug or hard-wired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
36954 1 EACH	Plantronics M120 1 Year	Lightweight comfort in an over-the-ear style headset.	24.20 0.25 0.11	
36981 1 EACH	Plantronics M124 1 Year	Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80 0.24 0.11	
32055 1 EACH	Plantronics M130 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic-blue, blurple color.	29.50 0.22 0.1	
NEW **433174** 1 EACH	Plantronics M135/BLUE 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, blurple color. Includes in-line volume and mute controls.	35.10 0.25 0.11	
497082 1 EACH	Plantronics M135/ESPRESSO 1 Year	Superior comfort and sleek design in this over-the-ear headset. Espresso color. Includes in-line volume and mute controls.	35.10 0.25 0.11	

Plantronics In-The-Ear Headsets

37000 37004

All Plantronics in-the-ear boom-style wireless ph headsets feature a noise-cancelling microphone, F noise shielded cable, advanced speaker technolog microphone-adjust switch and a clothing clip. Ava in a standard 2.5mm plug or hardwired for specif Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
37000 1 EACH	Plantronics M140/CHARCOAL 1 Year	Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11
NEW **467122** 1 EACH	Plantronics M140/SILVER 1 Year	Ultra-light comfort with this in-the-ear style headset. Silver color.	36.60 0.25 0.11
37004 1 EACH	Plantronics M145 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11

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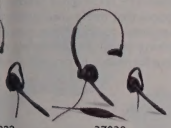
ronics Discreet Earbud Headsets

410379 437114

All Plantronics earbud headsets for wireless phones feature Flexfit(TM) design for increased stability, RF noise shielded cable, advanced speaker technology, and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Plantronics MX100 1 Year	Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19.59 15.36 14.73
Plantronics M205 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09	19.59 15.36 14.73

ronics Convertible Headsets



022 37030

All Plantronics convertible style wireless phone headsets feature a noise-canceling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Plantronics M170 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18	31.25 24.50 23.50
Plantronics M175 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22	35.16 27.57 26.44

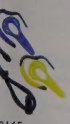
ronics Cordless Headsets

3

Cut the Cord(TM) with Bluetooth(TM) wireless headsets from Plantronics. All Plantronics over-the-ear cordless headsets feature an adjustable noice cancelling microphone, volume/mute control and answer/end button. High-capacity rechargeable batteries provide up to 2.5 hours of talk time and 60 hours of standby.

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Plantronics M1500 BLUE-TOOTH 1 Year	Bluetooth headset. Over-the-ear style with answer/end button and volume/mute control. Includes Bluetooth adapter, AC adapter and rechargeable battery. Bluetooth version 1.1.	250.70 0.25 0.11	166.67 130.67 125.34

ess Solutions 2.5mm Earwrap



0165

The Wireless Solutions EarWrap: noise-canceling mic, sleek, lightweight design, colorful accessories. Choose from snap-on boom covers and flex-forming ear wraps in sleek tones of silver, blue and yellow.

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Wireless Solutions 466053U Lifetime	Earwrap with colored faceplates and 2.5mm connector.	27.50 0.4 0.18	16.17 14.25 13.97

Wireless Solutions EarBoom Headset

424099

Wireless Solutions In The Ear headset features a boom mic. Comfortable. Provide good mic sound as well as in the ear speaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
424099 1 EACH	Wireless Solutions 484028U Lifetime	Earboom Headset with 2.5mm jack. Includes six eargels.	31.00 0.3 0.14	13.31 11.32 9.31

Wireless Solutions EarBud Headset

445052

The Wireless Soluitons EarBud is the most cost-effective, solution for mobile phone users wanting a hands-free alternative at a value price. The EarBud integrates the microphone as part of the cable leading from the ear to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
445052 1 EACH	Wireless Solutions 438045U Lifetime	Earbud Headset with 2.5mm jack. Includes six eargels.	27.00 0.3 0.14	12.09 10.09 8.09

Mounting Plates, Cradles, Holders [150-40]

UltiMount

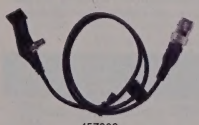
28327

The UltiMount by Pro.Fit International secures any phone or car kit in any vehicle. It swivels, rotates and adjusts to virtually any position and installs in seconds with 3M acrylic foam tape. No tools are needed. Great for cars, trucks, RV's or boats. Designed for cell phones, two- way radios, handheld GPS units and PDA's. The complete system includes a swivel belt clip, Nokia button, round and oblong buttons and surface preparation supplies. Will also work with a case with a built-in belt clip. Premium trifold clam-shell package with a color insert card and complete instructions for installing and removing.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
28327 1 EACH	Pro.Fit International UL747 Lifetime	UltiMount	24.95 0.5 0.23	15.00 13.98 13.95

Cellular Antenna Couplers [362-41]

ClearConnect Cables



457009

ClearConnect cables allow easy connection to an external antenna to improve the phone's performance. 12" cable attaches directly to the phone and terminates in a TNC female connector.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
457009 1 EACH	Superior Comm. 45643 3 Year	Fits Motorlola T22xx, V22xx, and V120c.	14.15 0.1 0.05	6.76 6.52 6.37

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Motorola T720

Compatible Phone Models:

Motorola T720

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

Motorola Portable Phone Batteries

427392

481316

498384

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **427392** 1 EACH	Motorola Inc. 98479/SNN5582 12 Month Limited	Slim internal battery. Retail box. Lilo	42.50 0.2 0.09	26.90 26.05 23.92
NEW **481316** 1 EACH	Motorola Inc. 98480/SNN5588 12 Month Limited	High performance battery. Retail box. Lilo	43.75 0.2 0.09	27.67 26.80 24.61
NEW **498384** 1 EACH	Motorola Inc. 98481/SNN5595 12 Month Limited	Extra capacity battery. Retail box. Lilo	45.00 0.2 0.09	28.45 27.55 25.30

Vehicle Power Adapters [275-10]

Motorola (OEM) Vehicle Power Adapters

453147

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories. These products are used by directly plugging onto the phone without removing the battery. Provides power to the phone and charges the battery at the same time.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
453147 1 EACH	Motorola Inc. 98307/SYN7818 12 Month Limited	Vehicle power adapter. Retail box.	25.00 0.25 0.11	8.27 8.02 7.39

Chargers, Desk Top, Travel [305-60]

Motorola AC Travel Chargers

482196

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
482196 1 EACH	Motorola Inc. 98357/SPN4940 12 Month Limited	AC Travel Charger with folding blades. Retail box.	13.50 0.4 0.18

Motorola Desktop Chargers

490126

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW **490126** 1 EACH	Motorola Inc. 98412 12 Month Limited	Dual pocket desktop charger with built-in clock. Data pass through permits easy synchronization with compatible PC or PDA. Requires travel charger (sku 482196).	62.50 0.5 0.23

Motorola FreeCharge Chargers

477318

495319

The Motorola FreeCharge(TM) is a unique, convenient energy source for mobile phones. A wide handle provides power to a mobile phone without AC/DC outlet required.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW **477318** 1 EACH	Motorola Inc. 98418 12 Month Limited	FreeCharge(TM). Blue. Includes flashlight adapter and phone adapter module.	102.50 0.4 0.18
NEW **495319** 1 EACH	Motorola Inc. 98419 12 Month Limited	FreeCharge(TM). Yellow. Includes flashlight adapter and phone adapter module.	102.50 0.4 0.18

Waterproof Cases, Belt Clips [310-60]

Wireless Solutions Beltclips

30754

Belt clips designed to conveniently snap onto the phone to securely hold in place. Holds the phone without the need for a leather carry case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)
30754 1 EACH	Wireless Solutions 30754 Lifetime	Universal Belt Clip includes three different swivels with 3M adhesive. Black	6.80 0.18 0.08

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Hands Free Kits, Mics, Headsets [262-09]

orola Easy Install Handsfree Kits

20140

Motorola Easy Install Kits require no professional installation. These kits include 3-watt speaker, in-line microphone, rapid charging capability and clip-on attachment system to mount speaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
0 -1	Motorola Inc. 98308 1 Year	Easy Install ortable handsfree kit. 3-watt speaker. A Motorola Original battery will be charged 90% within one to three hours. Optional external microphone (SYN5708) sold separately.	81.25 0.72 0.33	50.46 48.84 44.77

orola Clip-On Handsfree Speaker

417142

458147

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
2 -1	Motorola Inc. 98422/SPN5028 12 Month Limited	Desktop speaker. Attaches to phone or compatible desktop charger (TESSCO sku 490126). For use with GSM and TDMA phones only. Retail box.	60.00 0.25 0.11	37.76 36.56 33.56
7 -1	Motorola Inc. 98421/SPN5027 12 Month Limited	Desktop speaker. Attaches to phone or compatible desktop charger (TESSCO sku 490126). For use with CDMA phones only. Retail box.	60.00 0.25 0.11	37.76 36.56 33.56

orola Handsfree Car Kits

428123

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
3 -1	Motorola Inc. S9610 1 Year	Pro-Install car kit. Mini-uhf male antenna connection. *Not full duplex. Hang up cups sold separately. Cups: v60(416368), v120(481139), 270(434103). 60t requires software upgrade to work with kit. Version 16.08.01 for Cingular customers, version 16.09 for AT&T customers.	125.00 2.2 1	77.63 75.13 68.88
3 -1	Motorola Inc. SYN0371 1 Year	Hang up cup. For use with S9610 Pro-Install car kit. Bulk packaged.	62.50 0.45 0.2	38.82 37.57 34.44

orola Self-Install Handsfree Kit

417390

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
-1	Motorola Inc. 98413 12 Month Limited	Self-install handsfree car kit. Designed to fit most vehicle cup holders. Includes retractable phone and micro-phone cables and a 2-watt speaker. Charges phone battery to 90% capacity in four to six hours.	126.25 1.05 0.48	78.41 75.88 69.57

Headsets [262-10]

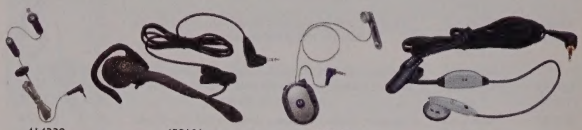
Bluetooth Headsets

435389

The Motorola Bluetooth headset provides a cordless connection to your mobile phone. Carry on handsfree conversation without the restriction of a cord.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 435389 1 EACH	Jabra Corporation 100-91030000-02 1 Year	Freespeak Bluetooth Headset with 2.5mm headset jack.	179.95 0.45 0.2	143.06 123.09 114.99

Motorola Hands-Free Headset



414339 458101 458300 486111

423154 457331 444108

• Motorola hands-free headsets allow private phone calls. Plug directly into the phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 414339 1 EACH	Motorola Inc. SYN9350 12 Month Limited	Earbud headset with in-line microphone. Retail box.	12.50 0.15 0.07	8.27 8.02 7.39
458101 1 EACH	Motorola Inc. 98328/SYN8908 12 Month Limited	Over-the-ear handsfree headset. Retail Box.	25.00 0.15 0.07	13.08 12.67 11.66
NEW 458300 1 EACH	Motorola Inc. 98435/SYN9050 12 Month Limited	Motorola retractable headset. Retail Box.	21.90 0.1 0.05	14.09 13.65 12.56
NEW 486111 1 EACH	Motorola Inc. 98323/AAYN4264 12 Month Limited	Earbud headset with in-line microphone. Silver. Retail box.	12.50 0.15 0.07	8.27 8.02 7.39
423154 1 EACH	Motorola Inc. 98196/SYN8284 12 Month Limited	Motorola retractable in-ear headset. Retail Box.	21.90 0.1 0.05	14.09 13.65 12.56
NEW 457331 1 EACH	Motorola Inc. SYN9351 12 Month Limited	One touch headset with answer/end button and noise canceling microphone. Retail Box.	17.00 0.25 0.11	11.06 10.72 9.87
444108 1 EACH	Motorola Inc. 98310/SYN8609 12 Month Limited	FM stereo radio headset powered by phone's battery. Change stations via phone's navigation key. Store and recall nine stations using phone's keypad. Radio mutes automatically for incoming calls; simply press the button on the headset and start talking. Retail Box.	64.65 0.25 0.11	40.64 39.35 36.12

Plantronics Over-The-Head Headsets

36909 36926

All Plantronics over-the-head wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36909 1 EACH	Plantronics M110 1 Year	Flexible headband on this over-the-head headset provides stability and comfort.	24.20 0.4 0.18	16.06 12.59 12.08
36926 1 EACH	Plantronics M114 1 Year	Flexible headband on this over-the-head style headset provides stability and comfort. Includes in-line volume control.	26.80 0.4 0.18	17.80 13.95 13.39

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Plantronics Over-The-Ear Headsets

36954 36981 32055 497082

All Plantronics over-the-ear wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hard-wired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36954 I EACH	Plantronics M120 I Year	Lightweight comfort in an over-the-ear style headset.	24.20 0.25 0.11	16.06 12.59 12.08
36981 I EACH	Plantronics M124 I Year	Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80 0.24 0.11	17.80 13.95 13.39
32055 I EACH	Plantronics M130 I Year	Superior comfort and sleek design in this over-the-ear headset. Metallic-blue, blurple color.	29.50 0.22 0.1	19.59 15.36 14.73
NEW **433174** I EACH	Plantronics M135/BLUE I Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, blurple color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55
497082 I EACH	Plantronics M135/ESPRESSO I Year	Superior comfort and sleek design in this over-the-ear headset. Espresso color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55

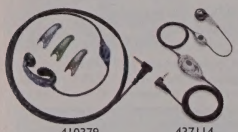
Plantronics In-The-Ear Headsets

37000 37004

All Plantronics in-the-ear boom-style wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37000 I EACH	Plantronics M140/CHARCOAL I Year	Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11	24.31 19.06 18.28
NEW **467122** I EACH	Plantronics M140/SILVER I Year	Ultra-light comfort with this in-the-ear style headset. Silver color.	36.60 0.25 0.11	24.31 19.06 18.28
37004 I EACH	Plantronics M145 I Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11	28.22 22.12 21.22

Plantronics Discreet Earbud Headsets

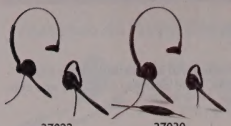


410379 437114

All Plantronics earbud headsets for wireless phones feature Flexfit(TM) design for increased stability, RF noise shielded cable, advanced speaker technology, and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **410379** I EACH	Plantronics MX100 I Year	Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19.59 15.36 14.73
437114 I EACH	Plantronics M205 I Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09	19.59 15.36 14.73

Plantronics Convertible Headsets



37022 37030

All Plantronics convertible style wireless phone heads feature a noise-canceling microphone, RF noise shield cable, advanced speaker technology, microphone-adju switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
37022 I EACH	Plantronics M170 I Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18	31 24 23
37030 I EACH	Plantronics M175 I Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22	35 27 26

Plantronics Cordless Headsets

467353

Cut the Cord(TM) with Bluetooth(TM) wireless headsets from Plantronics. Plantronics over-the-ear cordless headsets feature an adjustable noice canc microphone, volume/mute control and answer/end button. High-capacity rechargeable batteries provide up to 2.5 hours of talk time and 60 hours o standby.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW **467353** I EACH	Plantronics M1500 BLUE-TOOTH I Year	Bluetooth headset. Over-the-ear style with answer/end button and volume/mute control. Includes Bluetooth adapter, AC adapter and rechargeable battery. Bluetooth version 1.1.	250.70 0.25 0.11	16 13 12

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Compatible Phone Models:

Motorola Timeport 270c

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

rola Portable Phone Batteries

494156 430151 495168 425157

al accessories... "from the people that made your phone(TM)." OEMs design and manu- accessories to match the specific requirements of their phones, satisfying the most ding customer. You can trust the high quality and performance of original accessories.

Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Motorola Inc. 98317/SNN5705 12 Month Limited	High performance battery. Retail box. 800 mAh Lilo 235 minutes DTT/225 hours DST	42.50 0.2 0.09	26.90 26.05 23.92
Motorola Inc. SHN7681 1 Year	Battery door. Fits the high performance 800 mAh battery. Retail box. Metallic Timeport 270c	6.25 0.1 0.05	4.38 4.25 3.94
Motorola Inc. SNN5716/SHN7682 12 Month Limited	Maximum capacity battery with door. Retail packaged. 1350 mAh Lilo 373 minutes DTT/357 hours DST	75.00 0.2 0.09	47.08 45.57 41.83
Motorola Inc. SHN7682 1 Year	Battery door. Fits the maximum capacity 1350 mAh battery. Retail box. Metallic	6.25 0.1 0.05	4.38 4.25 3.94

ess Solutions Batteries

417154

ality, Great Value

- Available with merchandising system that drives multiple and repeat purchases to improve overall profitability

ve retail packaging that promotes self selec- l consumer education

Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Wireless Solutions 430184U Lifetime	Replacement Battery Black 600 mAh Lilo 1 to 4 hours DTT/1 to 3 days DST	30.55 0.4 0.18	21.52 17.51 15.76

Vehicle Power Adapters [275-10]

Motorola (OEM) Vehicle Power Adapters

453147

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories. These products are used by directly plugging onto the phone without removing the battery. Provides power to the phone and charges the battery at the same time.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
453147 1 EACH	Motorola Inc. 98307/SYN7818 12 Month Limited	Vehicle power adapter. Retail box.	25.00 0.25 0.11	8.27 8.02 7.39

Wireless Solutions Vehicle Power Adapter

416141

Wireless Solutions Vehicle adapters are a great value, and high quality. Quality tested cable returns to original shape after multiple stretches. Attractive retail packaging.

- Variable rate charging for safety & convenience (no overcharging)
- Enough current to make a call with a discharged battery
- Attractive retail packaging that promotes self selection and consumer education
- Available with revolutionary merchandising system that drives multiple and repeat purchase to improve overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
416141 1 EACH	Wireless Solutions 463164U Lifetime	Vehicle Power Adapter. Retail Packaged.	23.00 0.4 0.18	7.24 5.91 4.60

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Face Plates [311-10]

FPF Fun Friends

Fun Friends are leading the way with adorable characters that give new attitude to these otherwise dull products. Fun Friends are a perfect match for all who enjoy plush characters ranging from Funky the Monkey to Tadpole our Lime Green Frog.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 417318 1 EACH	funphonefriend.com A-05 30 days	Fun Friends phone cover. Tapole Frog	15.00 0.32 0.15	6.50 5.75 5.21
NEW 425345 1 EACH	funphonefriend.com A-01 30days	FunFriends phone cover. Bully-Bulldog	15.00 0.32 0.15	6.50 5.75 5.21
NEW 440370 1 EACH	funphonefriend.com A-22 30 days	Fun Friends Funky- Monkey	15.00 0.32 0.15	6.50 5.75 5.21
NEW 441386 1 EACH	funphonefriend.com A-3 30 days	Fun Friends phone covers. Floppy Reg	15.00 0.32 0.15	6.50 5.75 5.21
NEW 454305 1 EACH	funphonefriend.com A-19 30 days	FunFriends phone cover. ALI- Aligator	15.00 0.32 0.15	6.50 5.75 5.21
NEW 472388 1 EACH	funphonefriend.com A-17 30 days	FunFriends phone cover. Beary- Lavender Bear	15.00 0.32 0.15	6.50 5.75 5.21
NEW 474325 1 EACH	funphonefriend.com A-27 30 days	Fun Friends phone cover. Santa	15.00 0.32 0.15	6.50 5.75 5.21
NEW 481374 1 EACH	funphonefriend.com A-15 30 days	Fun Friends phone covers. Dangles- Dog Hanging Legs	15.00 0.32 0.15	6.50 5.75 5.21
NEW 482389 1 EACH	funphonefriend.com A-24 30 days	Fun Friends phone covers. Munchie- Manatee	15.00 0.32 0.15	6.50 5.75 5.21
NEW 486359 1 EACH	funphonefriend.com A-10 30 days	Fun Friends phone covers. Kit Kat- Cat	15.00 0.32 0.15	6.50 5.75 5.21
NEW 488341 1 EACH	funphonefriend.com A-7 30 days	Fun Friends phone cover. Larry -Lobster	15.00 0.32 0.15	6.50 5.75 5.21
NEW 490397 1 EACH	funphonefriend.com A-21 30 days	Fun Friends phone covers. Cheeser- Mouse	15.00 0.32 0.15	6.50 5.75 5.21
NEW 491340 1 EACH	funphonefriend.com A-09 30 days	Fun Friends phone covers. Oinky- Pig	15.00 0.32 0.15	6.50 5.75 5.21

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
NEW 499325 1 EACH	funphonefriend.com A-20 30 days	Fun Friends phone covers. Moo Moo- Cow	15.00 0.32 0.15	6 5 5

Chargers, Desk Top, Travel [305-60]

Motorola AC Travel Chargers

Original accessories... "from the people that made your phone(TM)." O design and manufacture accessories to match the specific requirement their phones, satisfying the most demanding customer. You can trust th quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
482196 1 EACH	Motorola Inc. 98357/SPN4940 12 Month Limited	AC Travel Charger with folding blades. Retail box.	13.50 0.4 0.18	

Motorola Desktop Chargers

Original accessories... "from the people that your phone(TM)." OEMs design and manuf accessories to match the specific requireme their phones, satisfying the most demanding tomer. You can trust the high quality and pe mance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	
NEW 476345 1 EACH	Motorola Inc. 98358/SPN5029 12 Month Limited	Adaptable dual pocket desktop charger. Built-in data port. Base and insert only. Requires travel charger (sku 482196).	37.50 0.75 0.34	
NEW 490126 1 EACH	Motorola Inc. 98412 12 Month Limited	Dual pocket desktop charger with built-in clock. Data pass through permits easy synchronization with compatible PC or PDA. Requires travel charger (sku 482196).	62.50 0.5 0.23	

Motorola FreeCharge Chargers

The Motorola FreeCharge(TM) is a unique, c nient energy source for mobile phones. A win handle provides power to a mobile phone wi AC/DC outlet required.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW 477318 1 EACH	Motorola Inc. 98418 12 Month Limited	FreeCharge(TM). Blue. Includes flashlight adapter and phone adapter module.	102.50 0.4 0.18
NEW 495319 1 EACH	Motorola Inc. 98419 12 Month Limited	FreeCharge(TM). Yellow. Includes flashlight adapter and phone adapter module.	102.50 0.4 0.18

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eless Solutions Travel Charger

418198

nto any 110 volt outlet
ur phone while it is charging
es "lite" batteries up to 90% capacity in about
s

- Charges extra capacity batteries in about 10-12 hours
- Attractive retail packaging that promotes self selection and consumer education

	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
8	Wireless Solutions 466135U 1 Year	Travel Charger	14.50 0.4 0.18	10.31 8.30 6.30

Cases for Portable Cellular Phones [310-10]

orola OEM Phone Cases

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
7	Motorola Inc. 98312/SYN9071 12 Month Limited	Leather carry case with belt clip. Clear plastic cover. Retail box. Black	15.00 0.3 0.14	7.11 6.89 6.36

less Solutions Cases

ality leather
titching
covered rust resistant spring clip

- Mylar plastic that will not yellow or crack
- Environmentally tested to ensure durability
- Attractive retail packaging that promotes self selectionand consumer education

	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
	Wireless Solutions 455122U Lifetime	Leather case with built-in swivel and belt clip. Retail packaged. Black	11.60 0.4 0.18	7.50 6.87 6.30

Waterproof Cases, Belt Clips [310-60]

rola Portable Phone Holsters

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

6

	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
	Motorola Inc. 98315 12 Month Limited	Holster. Retail box. Black	10.00 0.4 0.18	5.16 5.01 4.64

Motorola Belt Clips

490285

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 490285 1 EACH	Motorola Inc. SYN0425 12 Month Limited	Phone grabber and belt clip. For use with high performance 850 mAh only. Retail box.	6.65 0.1 0.05	4.62 4.49 4.16

Wireless Solutions Beltclips

30754 413338

Belt clips designed to conveniently snap onto the phone to securely hold it in place. Holds the phone without the need for a leather carry case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30754 1 EACH	Wireless Solutions 30754 Lifetime	Universal Belt Clip includes three different swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21
NEW 413338 1 EACH	Wireless Solutions 458379U Lifetime	Universal Belt Clip includes two swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21

Hands Free Kits, Mics, Headsets [262-09]

Motorola Easy Install Handsfree Kits

420140

Motorola Easy Install Kits require no professional installation. These kits include 3-watt speaker, in-line microphone, rapid charging capability and clip-on attachment system to mount speaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
420140 1 EACH	Motorola Inc. 98308 1 Year	Easy Install ortable handsfree kit. 3-watt speaker. A Motorola Original battery will be charged 90% within one to three hours. Optional external microphone (SYN5708) sold separately.	81.25 0.72 0.33	50.46 48.84 44.77

Motorola Clip-On Handsfree Speaker

458147

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 458147 1 EACH	Motorola Inc. 98421/SPN5027 12 Month Limited	Desktop speaker. Attaches to phone or compatible desktop charger (TESSCO sku 490126). For use with CDMA phones only. Retail box.	60.00 0.25 0.11	37.76 36.56 33.56

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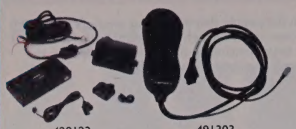
Motorola Timeport 270c

Motorola Handsfree Car Kits



428123 491303

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
428123 1 EACH	Motorola Inc. S9610 1 Year	Pro-Install car kit. Mini-uhf male antenna connection. *Not full duplex. Hang up cups sold separately. Cups: v60(416368), v120(481139), 270(434103). 60t requires software upgrade to work with kit. Version 16.08.01 for Cingular customers, version 16.09 for AT&T customers.	125.00 2.2 1	77.63 75.13 68.88
NEW **461118** 1 EACH	Motorola Inc. S9564 1 Year	Pro-Install car kit. *Not full duplex.	187.50 3.35 1.52	116.44 112.69 103.32
NEW **491303** 1 EACH	Motorola Inc. SYN0403 1 yr	Hang up cup. For use with S9610 Pro-Install car kit. Bulk packaged.	62.50 0.45 0.2	38.82 37.57 34.44

Motorola Self-Install Handsfree Kit

417390

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **417390** 1 EACH	Motorola Inc. 98413 12 Month Limited	Self-install handsfree car kit. Designed to fit most vehicle cup holders. Includes retractable phone and micro-phone cables and a 2-watt speaker. Charges phone battery to 90% capacity in four to six hours.	126.25 1.05 0.48	78.41 75.88 69.57

Headsets [262-10]

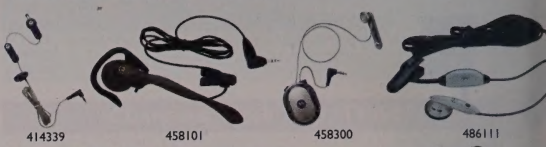
Bluetooth Headsets

473177 485180 435389

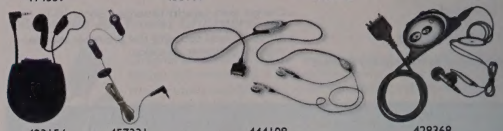
The Motorola Bluetooth headset provides a cordless connection to your mobile phone. Carry on handsfree conversation without the restriction of a cord.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **473177** 1 EACH	Motorola Inc. 98405 12 Month Limited	Bluetooth wireless headset. Incorporates Bluetooth version 1.1. Includes user manual, quick start guide, carry case/holster, lanyard and travel charger. Requires Bluetooth Phone Module - sold separately (TESSCO sku 485180).	300.00 1 0.45	186.30 180.30 165.30
NEW **485180** 1 EACH	Motorola Inc. 99332/SYN8705 12 Month Limited	Bluetooth phone module. Enables wireless communication between phone, Motorola Bluetooth wireless headset and many Bluetooth enabled PC's and PDA's. Incorporates Bluetooth version 1.1. Retail box.	187.50 0.25 0.11	116.94 113.19 103.82
NEW **435389** 1 EACH	Jabra Corporation 100-91030000-02 1 Year	Freespeak Bluetooth Headset with 2.5mm headset jack.	179.95 0.45 0.2	143.06 123.09 114.99

Motorola Hands-Free Headset



414339 458101 458300 486111

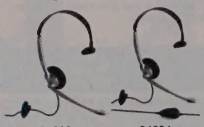


423154 457331 444108 428368

•Motorola hands-free headsets allow private phone calls. Plug directly into the phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW **414339** 1 EACH	Motorola Inc. SYN9350 12 Month Limited	Earbud headset with in-line microphone. Retail box.	12.50 0.15 0.07
458101 1 EACH	Motorola Inc. 98328/SYN8908 12 Month Limited	Over-the-ear handsfree headset. Retail Box.	25.00 0.15 0.07
NEW **458300** 1 EACH	Motorola Inc. 98435/SYN9050 12 Month Limited	Motorola retractable headset. Retail Box.	21.90 0.1 0.05
NEW **486111** 1 EACH	Motorola Inc. 98323/AAYN4264 12 Month Limited	Earbud headset with in-line microphone. Silver. Retail box.	12.50 0.15 0.07
423154 1 EACH	Motorola Inc. 98196/SYN8284 12 Month Limited	Motorola retractable in-ear headset. Retail Box.	21.90 0.1 0.05
NEW **457331** 1 EACH	Motorola Inc. SYN9351 12 Month Limited	One touch headset with answer/end button and noise canceling microphone. Retail Box.	17.00 0.25 0.11
444108 1 EACH	Motorola Inc. 98310/SYN8609 12 Month Limited	FM stereo radio headset powered by phone's battery. Change stations via phone's navigation key. Store and recall nine stations using phone's keypad. Radio mutes automatically for incoming calls; simply press the button on the headset and start talking. Retail Box.	64.65 0.25 0.11
NEW **428368** 1 EACH	Motorola Inc. 98381 12 Month Limited	MP3 player headset. Connects directly to compatible phones. Music mutes when calls come in. Includes 32MD SD memory card, stereo headset with in-line microphone, USB cable, lanyard, headset adapter and Motorola MUSICMATCH (TM) Jukebox Plus software. Motorola retail package. Phone must contain software version 2100.01.2F.02 or later.	302.50 0.25 0.11

Plantronics Over-The-Head Headsets



36909 36926

All Plantronics over-the-head wireless phone headsets a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switc clothing clip. The 2.5mm plug connects directly into the set port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
36909 1 EACH	Plantronics M110 1 Year	Flexible headband on this over-the-head headset provides stability and comfort.	24.20 0.4 0.18
36926 1 EACH	Plantronics M114 1 Year	Flexible headband on this over-the-head style headset provides stability and comfort. Includes in-line volume control.	26.80 0.4 0.18

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tronics Over-The-Ear Headsets

54 36981 32055 497082

antronics over-the-ear wireless phone headsets feature a noise-cancelling microphone, RF shielded cable, advanced speaker technology, microphone-adjust switch and a clothing vailable in a standard 2.5mm plug or hard-wired for specific Nokia phones.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
4 H	Plantronics M120 1 Year	Lightweight comfort in an over-the-ear style headset.	24.20 0.25 0.11	16.06 12.59 12.08
1 H	Plantronics M124 1 Year	Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80 0.24 0.11	17.80 13.95 13.39
5 H	Plantronics M130 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic-blue, blurple color.	29.50 0.22 0.1	19.59 15.36 14.73
4 H	Plantronics M135/BLUE 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, blurple color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55
2 H	Plantronics M135/ESPRESSO 1 Year	Superior comfort and sleek design in this over-the-ear headset. Espresso color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55

tronics In-The-Ear Headsets

37000 37004

All Plantronics in-the-ear boom-style wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

n	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
H	Plantronics M140/CHARCOAL 1 Year	Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11	24.31 19.06 18.28
2 H	Plantronics M140/SILVER 1 Year	Ultra-light comfort with this in-the-ear style headset. Silver color.	36.60 0.25 0.11	24.31 19.06 18.28
H	Plantronics M145 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11	28.22 22.12 21.22

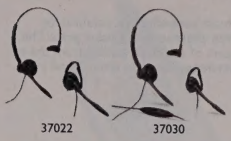
tronics Discreet Earbud Headsets

410379 437114

All Plantronics earbud headsets for wireless phones feature Flexfit(TM) design for increased stability, RF noise shielded cable, advanced speaker technology, and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
	Plantronics MX100 1 Year	Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19.59 15.36 14.73
	Plantronics M205 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09	19.59 15.36 14.73

Plantronics Convertible Headsets



37022 37030

All Plantronics convertible style wireless phone headsets feature a noise-canceling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37022 1 EACH	Plantronics M170 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18	31.25 24.50 23.50
37030 1 EACH	Plantronics M175 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22	35.16 27.57 26.44

Plantronics Cordless Headsets

467353

Cut the Cord(TM) with Bluetooth(TM) wireless headsets from Plantronics. All Plantronics over-the-ear cordless headsets feature an adjustable noice cancelling microphone, volume/mute control and answer/end button. High-capacity rechargeable batteries provide up to 2.5 hours of talk time and 60 hours of standby.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **467353** 1 EACH	Plantronics M1500 BLUE-TOOTH 1 Year	Bluetooth headset. Over-the-ear style with answer/end button and volume/mute control. Includes Bluetooth adapter, AC adapter and rechargeable battery. Bluetooth version 1.1.	250.70 0.25 0.11	166.67 130.67 125.34

Wireless Solutions 2.5mm Earwrap

460165

The Wireless Solutions EarWrap: noise-canceling mic, sleek, lightweight design, colorful accessories. Choose from snap-on boom covers and flex-forming ear wraps in sleek tones of silver, blue and yellow.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
460165 1 EACH	Wireless Solutions 466053U Lifetime	Earwrap with colored faceplates and 2.5mm connector.	27.50 0.4 0.18	16.17 14.25 13.97

Wireless Solutions EarBoom Headset

424099

Wireless Solutions In The Ear headset features a boom mic. Comfortable. Provide good mic sound as well as in the ear speaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
424099 1 EACH	Wireless Solutions 484028U Lifetime	Earboom Headset with 2.5mm jack. Includes six eargels.	31.00 0.3 0.14	13.31 11.32 9.31

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Motorola Timeport 270c

Wireless Solutions EarBud Headset

445052

The Wireless Soluitons EarBud is the most cost-effective, solution for mobile phone users wanting a hands-free alternative at a value price. The EarBud integrates the microphone as part of the cable leading from the ear to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
445052 1 EACH	Wireless Solutions 438045U Lifetime	Earbud Headset with 2.5mm jack. Includes six eargels.	27.00 0.3 0.14	12.09 10.09 8.09

Portable Cellular Phone Accessory Kit [262-50]

Motorola Starter Kits

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **451123** 1 EACH	Motorola Inc. 463157/453130 12 Month Limited	Starter kit. Includes vehicle power adapter and leather case with belt clip.	40.00 0.5 0.23	14.88 14.41 13.25

Wireless Solutions Starter Kits

• Includes leather case and vehicle power adapter. Wireless Solutions Retail Package.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
438176 1 EACH	Wireless Solutions 411149U Lifetime	Starter Kit. Leather Case with swivel and beltclip and VPA.	33.00 0.5 0.23	13.90 11.92 9.90

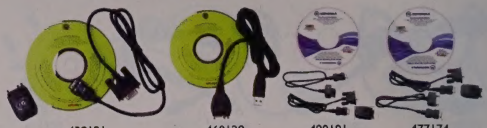
Data Interfaces for Portable Phones [260-12]

Motorola Bluetooth Connectivity Kits

436130

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **436130** 1 EACH	Motorola Inc. 99331 12 Month Limited	Bluetooth connectivity kit. Includes phone module, PC card and CD-ROM with data suite. Product complies with version 1.0B of the Bluetooth Standard.	500.00 0.5 0.23	310.50 300.50 275.50

Motorola Data Connectivity Kit



438121 460128 490191 477174

Motorola Data Connectivity Kit allows the user to connect a wireless phone to a mode enabling access to the internet, e-mail or fax. Just connect the cable to your laptop, desk or PDA. Install the software and make your connection.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
438121 1 EACH	Motorola Inc. 98320 1 Year	Multi-Connect serial data kit. Includes serial cable, CD-Rom and instructions. Compatible with Windows 98/NT4.0/2000/XP/ME.	87.50 0.6 0.27
460128 1 EACH	Motorola Inc. 98326 1 Year	USB data kit. Includes USB data cable, CD-Rom and instructions. Compatible with Windows 98/2000/XP/ME.	47.50 0.5 0.23
490191 1 EACH	Motorola Inc. 98321 1 Year	Multi-Connect Serial Kit for PALM III. Kit includes CE Bus RS232 data head, RS232 PC data cable, Motorola data connectivity solution CD, Palm III data cable and Motorola Com Center Manager CD. Windows operating system requirements: Windows 98, 98SE, NT4.0, 2000, ME and XP. Palm operating system requirements for Com Center Manager: Palm OS 3.3 or later. Motorola retail package.	140.00 0.62 0.28
477174 1 EACH	Motorola Inc. 98347 1 Year	Multi-Connect Serial Kit for Palm V. Kit includes CE Bus RS232 data head, RS232 PC data cable, Motorola data connectivity solution CD, Palm V data cable and Motorola Com Center Manager CD. Windows operating system requirements: Windows 98, 98SE, NT4.0, 2000, ME and XP. Palm operating system requirements for Com Center Manager: Palm OS 3.3 or later. Motorola retail package.	140.00 0.64 0.29

Motorola Data Cables

447167 454166 456190

417368

Original accessories... "from the people that made your phone OEMs design and manufacture accessories to match the spec requirements of their phones, satisfying the most demanding tomer. You can trust the high quality and performance of orig accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
447167 1 EACH	Motorola Inc. S9141 1 Year	Serial Data Cable, only. Bulk packaged.	50.00 0.35 0.16
454166 1 EACH	Motorola Inc. SKN6311 1 Year	USB Data Cable, only. Bulk packaged.	30.00 0.35 0.16
NEW **456190** 1 EACH	Motorola Inc. S9618A 1 Year	iPAQ cable and head for iPAQ 3135, 3150, 3635, 3650, 3670, 3760, 3765.	69.40 0.2 0.09
NEW **417368** 1 EACH	Motorola Inc. S9908 1 Year	iPAQ cable and head for the 3800 series. Bulk packaged.	69.40 0.2 0.09

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External Antenna Kits for Portables [362-40]

eless Solutions Antenna Cables

465389

Wireless Solutions Antenna Cables and Antenns

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
V 30 H	Wireless Solutions 454106U 1 Year	Dual Band Mini-Magnetic Mount Antenna connects to RF adapter.	19.70 0.25 0.11	11.22 9.89 9.43
V 39 H	Wireless Solutions 446133U 1 Year	Antenna Adapter Cable. Motorola 270. Use Dual Band Mini Mag-Mount Antenna SKU# 444380. Cable terminates in FME male.	11.00 0.25 0.11	6.50 5.75 5.50

Cellular Antenna Couplers [362-41]

arConnect Cables

454357

ClearConnect cables allow easy connection to an external antenna to improve the phone's performance. 12" cable attaches directly to the phone and terminates in a TNC female connector.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
V 57 H	Superior Comm. 46643 3 Year	Fits Motorola Timeport 270c.	14.15 0.1 0.05	6.76 6.52 6.37

arConnect with Antenna

ClearConnect reduces dropped calls and improves your signal strength. Links your phone to a dual band mini magnet antenna that easily attaches to your vehicle.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
8 H	Superior Comm. 46645 3 Year	Fits Motorola Timeport 270c	34.45 0.2 0.09	16.45 15.85 15.49

Compatible Phone Models:

Motorola Timeport 280

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

Motorola Portable Phone Batteries

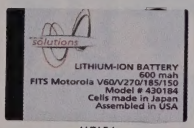
494156

424199

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
494156 1 EACH	Motorola Inc. 98317/SNN5705 12 Month Limited	High performance battery. Retail box. 800 mAh Lilo 235 minutes DTT/225 hours DST	42.50 0.2 0.09	26.90 26.05 23.92
424199 1 EACH	Motorola Inc. SYN8962 1 Year	Battery door for the high performance 800 mAh battery. Bulk packaged.	6.25 0.1 0.05	3.88 3.75 3.44

Wireless Solutions Batteries



417154

- High Quality, Great Value
- Attractive retail packaging that promotes self selection and consumer education
- Available with merchandising system that drives multiple and repeat purchases to improve overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **417154** 1 EACH	Wireless Solutions 430184U Lifetime	Replacement Battery Black 600 mAh Lilo 1 to 4 hours DTT/1 to 3 days DST	30.55 0.4 0.18	21.52 17.51 15.76

Vehicle Power Adapters [275-10]

Motorola (OEM) Vehicle Power Adapters

453147

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories. These products are used by directly plugging onto the phone without removing the battery. Provides power to the phone and charges the battery at the same time.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
453147 1 EACH	Motorola Inc. 98307/SYN7818 12 Month Limited	Vehicle power adapter. Retail box.	25.00 0.25 0.11	8.27 8.02 7.39

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Motorola Timeport 280

Wireless Solutions Vehicle Power Adapter

416141

Wireless Solutions Vehicle adapters are a great value, and high quality. Quality tested cable returns to original shape after multiple stretches. Attractive retail packaging.

- Variable rate charging for safety & convenience (no overcharging)
- Enough current to make a call with a discharged battery
- Attractive retail packaging that promotes self selection and consumer education
- Available with revolutionary merchandising system that drives multiple and repeat purchase to improve overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
416141 1 EACH	Wireless Solutions 463164U Lifetime	Vehicle Power Adapter. Retail Packaged.	23.00 0.4 0.18	7.24 5.91 4.60

Face Plates [311-10]

FPF Fun Friends

417318 425345 440370

441386 454305 472388

474325 481374 482389 486359

488341 490397 491340

499325

Fun Friends are leading the way with adorable characters that give new attitude to these otherwise dull products. Fun Friends are a perfect match for all who enjoy plush characters ranging from Funky the Monkey to Tadpole our Lime Green Frog.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **417318** 1 EACH	funphonefriend.com A-05 30 days	Fun Friends phone cover. Tapole Frog	15.00 0.32 0.15	6.50 5.75 5.21
NEW **425345** 1 EACH	funphonefriend.com A-01 30days	FunFriends phone cover. Bully-Bulldog	15.00 0.32 0.15	6.50 5.75 5.21
NEW **440370** 1 EACH	funphonefriend.com A-22 30 days	Fun Friends Funky- Monkey	15.00 0.32 0.15	6.50 5.75 5.21
NEW **441386** 1 EACH	funphonefriend.com A-3 30 days	Fun Friends phone covers. Floppy Reg	15.00 0.32 0.15	6.50 5.75 5.21
NEW **454305** 1 EACH	funphonefriend.com A-19 30 days	FunFriends phone cover. ALI- Aligator	15.00 0.32 0.15	6.50 5.75 5.21

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW **472388** 1 EACH	funphonefriend.com A-17 30 days	FunFriends phone cover. Beary- Lavender Bear	15.00 0.32 0.15
NEW **474325** 1 EACH	funphonefriend.com A-27 30 days	Fun Friends phone cover. Santa	15.00 0.32 0.15
NEW **481374** 1 EACH	funphonefriend.com A-15 30 days	Fun Friends phone covers. Dangles- Dog Hanging Legs	15.00 0.32 0.15
NEW **482389** 1 EACH	funphonefriend.com A-24 30 days	Fun Friends phone covers. Munchie- Manatee	15.00 0.32 0.15
NEW **486359** 1 EACH	funphonefriend.com A-10 30 days	Fun Friends phone covers. Kit Kat- Cat	15.00 0.32 0.15
NEW **488341** 1 EACH	funphonefriend.com A-7 30 days	Fun Friends phone cover. Larry -Lobster	15.00 0.32 0.15
NEW **490397** 1 EACH	funphonefriend.com A-21 30 days	Fun Friends phone covers. Cheeser- Mouse	15.00 0.32 0.15
NEW **491340** 1 EACH	funphonefriend.com A-09 30 days	Fun Friends phone covers. Oinky- Pig	15.00 0.32 0.15
NEW **499325** 1 EACH	funphonefriend.com A-20 30 days	Fun Friends phone covers. Moo Moo- Cow	15.00 0.32 0.15

Chargers, Desk Top, Travel [305-60]

Motorola AC Travel Chargers

482196

Original accessories... "from the people that made your phone(TM)." O design and manufacture accessories to match the specific requirement their phones, satisfying the most demanding customer. You can trust th quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
482196 1 EACH	Motorola Inc. 98357/SPN4940 12 Month Limited	AC Travel Charger with folding blades. Retail box.	13.50 0.4 0.18

Motorola Desktop Chargers

476345 490126

Original accessories... "from the people that your phone(TM)." OEMs design and manuf accessories to match the specific requirem their phones, satisfying the most demandin tomer. You can trust the high quality and pe mance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW **476345** 1 EACH	Motorola Inc. 98358/SPN5029 12 Month Limited	Adaptable dual pocket desktop charger. Built-in data port. Base and insert only. Requires travel charger (sku 482196).	37.50 0.75 0.34
NEW **490126** 1 EACH	Motorola Inc. 98412 12 Month Limited	Dual pocket desktop charger with built-in clock. Data pass through permits easy synchronization with compatible PC or PDA. Requires travel charger (sku 482196).	62.50 0.5 0.23

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otorola FreeCharge Chargers

477318 495319

The Motorola FreeCharge(TM) is a unique, convenient energy source for mobile phones. A winding handle provides power to a mobile phone with no AC/DC outlet required.

No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 7318 ACH	Motorola Inc. 98418 12 Month Limited	FreeCharge(TM). Blue. Includes flashlight adapter and phone adapter module.	102.50 0.4 0.18	63.66 61.61 56.48
EW 5319 ACH	Motorola Inc. 98419 12 Month Limited	FreeCharge(TM). Yellow. Includes flashlight adapter and phone adapter module.	102.50 0.4 0.18	63.66 61.61 56.48

ireless Solutions Travel Charger

418198

gs into any 110 volt outlet

e your phone while it is charging

arges "lite" batteries up to 90% capacity in about ours

- Charges extra capacity batteries in about 10-12 hours
- Attractive retail packaging that promotes self selection and consumer education

No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
3198 ACH	Wireless Solutions 466135U 1 Year	Travel Charger	14.50 0.4 0.18	10.31 8.30 6.30

Cases for Portable Cellular Phones [310-10]

otorola OEM Phone Cases

34

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

No. /Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
0134 ACH	Motorola Inc. 98353/SYN8847 12 Month Limited	Leather case with belt clip. A clear plastic cover provides accessibility to the display and keypad. Retail box. Black	15.00 0.3 0.14	7.11 6.89 6.36

Waterproof Cases, Belt Clips [310-60]

ireless Solutions Beltclips

0754 413338

Belt clips designed to conveniently snap onto the phone to securely hold it in place. Holds the phone without the need for a leather carry case.

No. /Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
754 ACH	Wireless Solutions 30754 Lifetime	Universal Belt Clip includes three different swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21
EW 338 ACH	Wireless Solutions 458379U Lifetime	Universal Belt Clip includes two swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21

Hands Free Kits, Mics, Headsets [262-09]

Motorola Easy Install Handsfree Kits

420140

Motorola Easy Install Kits require no professional installation. These kits include 3-watt speaker, in-line microphone, rapid charging capability and clip-on attachment system to mount speaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
420140 1 EACH	Motorola Inc. 98308 1 Year	Easy Install ortable handsfree kit. 3-watt speaker. A Motorola Original battery will be charged 90% within one to three hours. Optional external microphone (SYN5708) sold separately.	81.25 0.72 0.33	50.46 48.84 44.77

Motorola Clip-On Handsfree Speaker

417142

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **417142** 1 EACH	Motorola Inc. 98422/SPN5028 12 Month Limited	Desktop speaker. Attaches to phone or compatible desktop charger (TESSCO sku 490126). For use with GSM and TDMA phones only. Retail box.	60.00 0.25 0.11	37.76 36.56 33.56

Motorola Handsfree Car Kits

491250

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **491250** 1 EACH	Motorola Inc. SYN9270 12 Month Limited	Replacement hang up cup. Bulk packaged.	62.50 0.25 0.11	38.82 37.57 34.44

Motorola Self-Install Handsfree Kit

417390

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **417390** 1 EACH	Motorola Inc. 98413 12 Month Limited	Self-install handsfree car kit. Designed to fit most vehicle cup holders. Includes retractable phone and microphone cables and a 2-watt speaker. Charges phone battery to 90% capacity in four to six hours.	126.25 1.05 0.48	78.41 75.88 69.57

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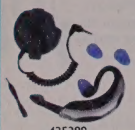
Headsets [262-10]

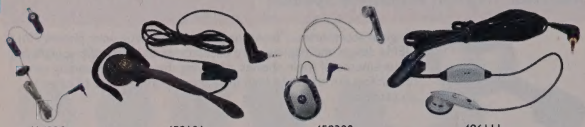
Bluetooth Headsets


435389

The Motorola Bluetooth headset provides a cordless connection to your mobile phone. Carry on handsfree conversation without the restriction of a cord.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 435389 1 EACH	Jabra Corporation 100-91030000-02 1 Year	Freespeak Bluetooth Headset with 2.5mm headset jack.	179.95 0.45 0.2	143.06 123.09 114.99

Motorola Hands-Free Headset

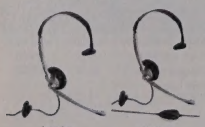

414339 458101 458300 486111

423154 457331 444108

• Motorola hands-free headsets allow private phone calls. Plug directly into the phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 414339 1 EACH	Motorola Inc. SYN9350 12 Month Limited	Earbud headset with in-line microphone. Retail box.	12.50 0.15 0.07	8.27 8.02 7.39
458101 1 EACH	Motorola Inc. 98328/SYN8908 12 Month Limited	Over-the-ear handsfree headset. Retail Box.	25.00 0.15 0.07	13.08 12.67 11.66
NEW 458300 1 EACH	Motorola Inc. 98435/SYN9050 12 Month Limited	Motorola retractable headset. Retail Box.	21.90 0.1 0.05	14.09 13.65 12.56
NEW 486111 1 EACH	Motorola Inc. 98323/AAYN4264 12 Month Limited	Earbud headset with in-line microphone. Silver. Retail box.	12.50 0.15 0.07	8.27 8.02 7.39
423154 1 EACH	Motorola Inc. 98196/SYN8284 12 Month Limited	Motorola retractable in-ear headset. Retail Box.	21.90 0.1 0.05	14.09 13.65 12.56
NEW 457331 1 EACH	Motorola Inc. SYN9351 12 Month Limited	One touch headset with answer/end button and noise canceling microphone. Retail Box.	17.00 0.25 0.11	11.06 10.72 9.87
444108 1 EACH	Motorola Inc. 98310/SYN8609 12 Month Limited	FM stereo radio headset powered by phone's battery. Change stations via phone's navigation key. Store and recall nine stations using phone's keypad. Radio mutes automatically for incoming calls; simply press the button on the headset and start talking. Retail Box.	64.65 0.25 0.11	40.64 39.35 36.12

Plantronics Over-The-Head Headsets


36909 36926

All Plantronics over-the-head wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36909 1 EACH	Plantronics M110 1 Year	Flexible headband on this over-the-head headset provides stability and comfort.	24.20 0.4 0.18	16.06 12.59 12.08
36926 1 EACH	Plantronics M114 1 Year	Flexible headband on this over-the-head style headset provides stability and comfort. Includes in-line volume control.	26.80 0.4 0.18	17.80 13.95 13.39

Plantronics Over-The-Ear Headsets

36954 36981 32055 497082

All Plantronics over-the-ear wireless phone headsets feature a noise-cancelling microphon noise shielded cable, advanced speaker technology, microphone-adjust switch and a cloth clip. Available in a standard 2.5mm plug or hard-wired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
36954 1 EACH	Plantronics M120 1 Year	Lightweight comfort in an over-the-ear style headset.	24.20 0.25 0.11
36981 1 EACH	Plantronics M124 1 Year	Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80 0.24 0.11
32055 1 EACH	Plantronics M130 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic-blue, blurple color.	29.50 0.22 0.1
NEW 433174 1 EACH	Plantronics M135/BLUE 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, blurple color. Includes in-line volume and mute controls.	35.10 0.25 0.11
497082 1 EACH	Plantronics M135/ESPRESSO 1 Year	Superior comfort and sleek design in this over-the-ear headset. Espresso color. Includes in-line volume and mute controls.	35.10 0.25 0.11

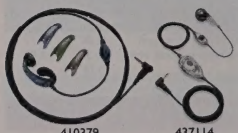
Plantronics In-The-Ear Headsets

37000 37004

All Plantronics in-the-ear boom-style wireless ph headsets feature a noise-cancelling microphone, noise shielded cable, advanced speaker technolo microphone-adjust switch and a clothing clip. Ava in a standard 2.5mm plug or hardwired for speci Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
37000 1 EACH	Plantronics M140/CHARCOAL 1 Year	Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11
NEW 467122 1 EACH	Plantronics M140/SILVER 1 Year	Ultra-light comfort with this in-the-ear style headset. Silver color.	36.60 0.25 0.11
37004 1 EACH	Plantronics M145 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11

Plantronics Discreet Earbud Headsets


410379 437114

All Plantronics earbud headsets for wireless phone ture Flexfit(TM) design for increased stability, RF n shielded cable, advanced speaker technology, and a ing clip. Available in a standard 2.5mm plug or hard for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW 410379 1 EACH	Plantronics MX100 1 Year	Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09
437114 1 EACH	Plantronics M205 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09

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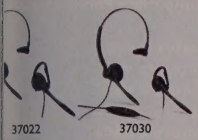
ntronics Convertible Headsets



37022 37030

All Plantronics convertible style wireless phone headsets feature a noise-canceling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
022 ACH	Plantronics M170 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18	31.25 24.50 23.50
030 ACH	Plantronics M175 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22	35.16 27.57 26.44

ntronics Cordless Headsets

67353

Cut the Cord(TM) with Bluetooth(TM) wireless headsets from Plantronics. All Plantronics over-the-ear cordless headsets feature an adjustable noice cancelling microphone, volume/mute control and answer/end button. High-capacity rechargeable batteries provide up to 2.5 hours of talk time and 60 hours of standby.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 353 ACH	Plantronics M1500 BLUE-TOOTH 1 Year	Bluetooth headset. Over-the-ear style with answer/end button and volume/mute control. Includes Bluetooth adapter, AC adapter and rechargeable battery. Bluetooth version 1.1.	250.70 0.25 0.11	166.67 130.67 125.34

reless Solutions 2.5mm Earwrap

460165

The Wireless Solutions EarWrap: noise-canceling mic, sleek, lightweight design, colorful accessories. Choose from snap-on boom covers and flex-forming ear wraps in sleek tones of silver, blue and yellow.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
165 ACH	Wireless Solutions 466053U Lifetime	Earwrap with colored faceplates and 2.5mm connector.	27.50 0.4 0.18	16.17 14.25 13.97

reless Solutions EarBoom Headset

99

Wireless Solutions In The Ear headset features a boom mic. Comfortable. Provide good mic sound as well as in the ear speaker.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
099 ACH	Wireless Solutions 484028U Lifetime	Earboom Headset with 2.5mm jack. Includes six eargels.	31.00 0.3 0.14	13.31 11.32 9.31

Wireless Solutions EarBud Headset

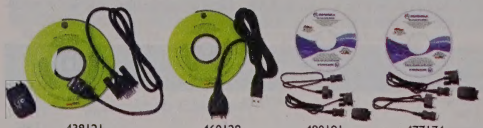
445052

The Wireless Soluitons EarBud is the most cost-effective, solution for mobile phone users wanting a hands-free alternative at a value price. The EarBud integrates the microphone as part of the cable leading from the ear to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
445052 1 EACH	Wireless Solutions 438045U Lifetime	Earbud Headset with 2.5mm jack. Includes six eargels.	27.00 0.3 0.14	12.09 10.09 8.09

Data Interfaces for Portable Phones [260-12]

Motorola Data Connectivity Kit



438121 460128 490191 477174

Motorola Data Connectivity Kit allows the user to connect a wireless phone to a modem, enabling access to the internet, e-mail or fax. Just connect the cable to your laptop, desktop, or PDA. Install the software and make your connection.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
438121 1 EACH	Motorola Inc. 98320 1 Year	Multi-Connect serial data kit. Includes serial cable, CD-Rom and instructions. Compatible with Windows 98/NT4.0/2000/XP/ME.	87.50 0.6 0.27	54.34 52.59 48.22
460128 1 EACH	Motorola Inc. 98326 1 Year	USB data kit. Includes USB data cable, CD-Rom and instructions. Compatible with Windows 98/2000/XP/ME.	47.50 0.5 0.23	29.50 28.55 26.18
490191 1 EACH	Motorola Inc. 98321 1 Year	Multi-Connect Serial Kit for PALM III. Kit includes CE Bus RS232 data head, RS232 PC data cable, Motorola data connectivity solution CD, Palm III data cable and Motorola Com Center Manager CD. Windows operating system requirements: Windows 98, 98SE, NT4.0, 2000, ME and XP. Palm operating system requirements for Com Center Manager: Palm OS 3.3 or later. Motorola retail package.	140.00 0.62 0.28	86.94 84.14 77.14
477174 1 EACH	Motorola Inc. 98347 1 Year	Multi-Connect Serial Kit for Palm V. Kit includes CE Bus RS232 data head, RS232 PC data cable, Motorola data connectivity solution CD, Palm V data cable and Motorola Com Center Manager CD. Windows operating system requirements: Windows 98, 98SE, NT4.0, 2000, ME and XP. Palm operating system requirements for Com Center Manager: Palm OS 3.3 or later. Motorola retail package.	140.00 0.64 0.29	86.94 84.14 77.14

Motorola Data Cables

447167 454166 456190

417368

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
447167 1 EACH	Motorola Inc. S9141 1 Year	Serial Data Cable, only. Bulk packaged.	50.00 0.35 0.16	31.05 30.05 27.55
454166 1 EACH	Motorola Inc. SKN6311 1 Year	USB Data Cable, only. Bulk packaged.	30.00 0.35 0.16	18.63 18.03 16.53

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Motorola V.60 Series

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 456190 1 EACH	Motorola Inc. S9618A 1 Year	iPAQ cable and head for iPAQ 3135, 3150, 3635, 3650, 3670, 3760, 3765.	69.40 0.2 0.09	43.09 41.70 38.23
NEW 417368 1 EACH	Motorola Inc. S9908 1 Year	iPAQ cable and head for the 3800 series. Bulk packaged.	69.40 0.2 0.09	43.09 41.70 38.23

Mounting Plates, Cradles, Holders [150-40]

UltiMount

28327

The UltiMount by Pro.Fit International secures any phone or car kit in any vehicle. It swivels, rotates and adjusts to virtually any position and installs in seconds with 3M acrylic foam tape. No tools are needed. Great for cars, trucks, RV's or boats. Designed for cell phones, two- way radios, handheld GPS units and PDA's. The complete system includes a swivel belt clip, Nokia button, round and oblong buttons and surface preparation supplies. Will also work with a case with a built-in belt clip. Premium trifold clam-shell package with a color insert card and complete instructions for installing and removing.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
28327 1 EACH	Pro.Fit International UL747 Lifetime	UltiMount	24.95 0.5 0.23	15.00 13.98 13.95

Compatible Phone Mode

Motorola 60C
Motorola V60
Motorola V60C
Motorola V60g
Motorola V60t

If you do not see your ph model listed, please c 800-955-9997.

Batteries for Portable Phones [270-10]

Motorola Portable Phone Batteries

410133 448132 495135 454135

494156 436126 483131 416146

416163 427139 432127

Original accessories... "from the that made your phone(TM)." O design and manufacture accesso match the specific requirements their phones, satisfying the most demanding customer. You can tr high quality and performance of nal accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)
410133 1 EACH	Motorola Inc. 98338/SNN5717 12 Month Limited	Slim internal battery. Retail box. 500 mAh Lilo 150 minutes TT/150 hours ST	42.50 0.2 0.09
NEW 448132 1 EACH	Motorola Inc. SYN9072 12 Month Limited	Metallic battery door for the slim 500 mAh battery	17.50 0.1 0.05
NEW 495135 1 EACH	Motorola Inc. SYN9412 12 Month Limited	Blue battery door for the slim 500 mAh battery. Retail box.	17.50 0.1 0.05
454135 1 EACH	Motorola Inc. SNN5705/SYN9073 12 Month Limited	High performance battery with metallic door. Retail box. 800 mAh Lilo 240 minutes DTT/242 hours DST	60.00 0.2 0.09
494156 1 EACH	Motorola Inc. 98317/SNN5705 12 Month Limited	High performance battery. Retail box. 800 mAh Lilo 235 minutes DTT/225 hours DST	42.50 0.2 0.09
NEW 436126 1 EACH	Motorola Inc. SYN9413 12 Month Limited	Blue battery door for the high performance 800 mAh battery. Retail box.	17.50 0.1 0.05
NEW 483131 1 EACH	Motorola Inc. SYN9073 12 Month Limited	Metallic battery door for the high performance 800 mAh battery	17.50 0.1 0.05
NEW 416146 1 EACH	Motorola Inc. SNN5706/SYN9074 12 Month Limited	Extra capacity battery with metallic door. 1100 mAh Lilo. 1100 mAh Lilo	62.50 0.23 0.1
NEW 416163 1 EACH	Motorola Inc. SNN5706 12 Month Limited	Replacement extra capacity battery. Door not included. Retail box. 1100 mAh Lilo	45.00 0.23 0.1
NEW 427139 1 EACH	Motorola Inc. SYN9074 12 Month Limited	Metallic battery door for the extra capacity 1100 mAh battery	17.50 0.1 0.05
NEW 432127 1 EACH	Motorola Inc. SYN9414 12 Month Limited	Blue battery door for the extra capacity 1100 mAh battery. Retail box.	17.50 0.1 0.05

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See TESSCO.com for latest pricing and p
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ireless Solutions Batteries

417154

gh Quality, Great Value

- Available with merchandising system that drives multiple and repeat purchases to improve overall profitability

ractive retail packaging that promotes self selec- n and consumer education

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 7154 ACH	Wireless Solutions 430184U Lifetime	Replacement Battery Black 600 mAh LiIo 1 to 4 hours DTT/1 to 3 days DST	30.55 0.4 0.18	21.52 17.51 15.76

Vehicle Power Adapters [275-10]

otorola (OEM) Vehicle Power Adapters

453147

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories. These products are used by directly plugging onto the phone without removing the battery. Provides power to the phone and charges the battery at the same time.

e No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
3147 ACH	Motorola Inc. 98307/SYN7818 12 Month Limited	Vehicle power adapter. Retail box.	25.00 0.25 0.11	8.27 8.02 7.39

ireless Solutions Vehicle Power Adapter

Wireless Solutions Vehicle adapters are a great value, and high quality. Quality tested cable returns to original shape after multiple stretches. Attractive retail packaging.

6141

iable rate charging for safety & convenience (no ercharging)

ugh current to make a call with a discharged bat- y

- Attractive retail packaging that promotes self selection and consumer education
- Available with revolutionary merchandising system that drives multiple and repeat purchase to improve overall profitability

e No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
6141 ACH	Wireless Solutions 463164U Lifetime	Vehicle Power Adapter. Retail Packaged.	23.00 0.4 0.18	7.24 5.91 4.60

Face Plates [311-10]

F Fun Friends

7352 468391 498359

Fun Friends are leading the way with adorable characters that give new attitude to these otherwise dull products. Fun Friends are a perfect match for all who enjoy plush characters ranging from Funky the Monkey to Tadpole our Lime Green Frog.

uing product table (1 of 2)

No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 352 ACH	funphonefriend.com A-25 30 days	FunFriends phone cover. Daisy Flip- Jean	15.00 0.32 0.15	6.50 5.75 5.21
EW 391 ACH	funphonefriend.com A-16 30 days	Fun Friends phone covers. Spotty Flip- Dalmation Dog	15.00 0.32 0.15	6.50 5.75 5.21

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 498359 1 EACH	funphonefriend.com A-4 30 days	Fun Friends, Floppy flip-Golden Dog phone cover.	15.00 0.32 0.15	6.50 5.75 5.21

Chargers, Desk Top, Travel [305-60]

Motorola AC Travel Chargers

482196

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
482196 1 EACH	Motorola Inc. 98357/SPN4940 12 Month Limited	AC Travel Charger with folding blades. Retail box.	13.50 0.4 0.18	8.89 8.62 7.94

Motorola Desktop Chargers

476345 490126

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 476345 1 EACH	Motorola Inc. 98358/SPN5029 12 Month Limited	Adaptable dual pocket desktop charger. Built-in data port. Base and insert only. Requires travel charger (sku 482196).	37.50 0.75 0.34	23.79 23.04 21.17
NEW 490126 1 EACH	Motorola Inc. 98412 12 Month Limited	Dual pocket desktop charger with built-in clock. Data pass through permits easy synchronization with compatible PC or PDA. Requires travel charger (sku 482196).	62.50 0.5 0.23	38.82 37.57 34.44

Motorola FreeCharge Chargers

477318 495319

The Motorola FreeCharge(TM) is a unique, convenient energy source for mobile phones. A winding handle provides power to a mobile phone with no AC/DC outlet required.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 477318 1 EACH	Motorola Inc. 98418 12 Month Limited	FreeCharge(TM). Blue. Includes flashlight adapter and phone adapter module.	102.50 0.4 0.18	63.66 61.61 56.48
NEW 495319 1 EACH	Motorola Inc. 98419 12 Month Limited	FreeCharge(TM). Yellow. Includes flashlight adapter and phone adapter module.	102.50 0.4 0.18	63.66 61.61 56.48

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Motorola V.60 Series

Wireless Solutions Travel Charger

418198

- Plugs into any 110 volt outlet
- Use your phone while it is charging
- Charges "lite" batteries up to 90% capacity in about 5 hours
- Charges extra capacity batteries in about 10-12 hours
- Attractive retail packaging that promotes self selection and consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
418198 1 EACH	Wireless Solutions 466135U 1 Year	Travel Charger	14.50 0.4 0.18	10.31 8.30 6.30

Cases for Portable Cellular Phones [310-10]

Motorola OEM Phone Cases

421178 452100

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
421178 1 EACH	Motorola Inc. 98313/SYN8463 12 Month Limited	Leather case with belt clip. Black Black	20.00 0.3 0.14	8.19 7.94 7.33
NEW **452100** 1 EACH	Motorola Inc. SYN8848 12 Month Limited	All battery carry pouch with belt clip. Black Black	15.00 0.3 0.14	7.80 7.57 6.98

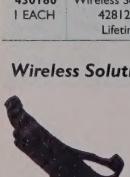
Wireless Solutions Cases

430180

- High quality leather
- Nylon stitching
- Leather covered rust resistant spring clip
- Mylar plastic that will not yellow or crack
- Environmentally tested to ensure durability
- Attractive retail packaging that promotes self selectionand consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
430180 1 EACH	Wireless Solutions 428120U Lifetime	Leather case with built-in swivel and belt clip. Retail packaged. Black	11.60 0.4 0.18	7.50 6.87 6.30

Wireless Solutions Phone Holsters



483145

- Phone Holster can ratchet 180 degrees.
- Phone sits firmly in place inside of holster.
- Holster is manufactured with high-impact plastic.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
483145 1 EACH	Wireless Solutions 415154U 1 Year	Ratcheting Phone Holster. Fits with Standard Battery Only. Black	7.75 0.3 0.14	5.51 4.66 3.60

Waterproof Cases, Belt Clips [310-60]

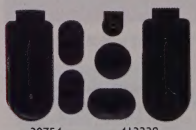
Motorola Portable Phone Holsters

412399

Original accessories... "from the people that made your phone(TM)." OE design and manufacture accessories to match the specific requirements o phones, satisfying the most demanding customer. You can trust the high q and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T
NEW **412399** 1 EACH	Motorola Inc. SYN0375 12 Month Limited	Rotating holster. Not compatible with extra capacity battery.	7.50 0.4 0.18	5 5 4

Wireless Solutions Beltclips



30754 413338

Belt clips designed to conveniently snap onto the phone to securely hold it in place. Holds the phone without the need leather carry case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T
30754 1 EACH	Wireless Solutions 30754 Lifetime	Universal Belt Clip includes three different swivels with 3M adhesive. Black	6.80 0.18 0.08	4 3 3
NEW **413338** 1 EACH	Wireless Solutions 458379U Lifetime	Universal Belt Clip includes two swivels with 3M adhesive. Black	6.80 0.18 0.08	4 3 3

Hands Free Kits, Mics, Headsets [262-09]

Motorola Easy Install Handsfree Kits

420140

Motorola Easy Install Kits require no professional installation. These kit include 3-watt speaker, in-line microphone, rapid charging capability and on attachment system to mount speaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
420140 1 EACH	Motorola Inc. 98308 1 Year	Easy Install ortable handsfree kit. 3-watt speaker. A Motorola Original battery will be charged 90% within one to three hours. Optional external microphone (SYN5708) sold separately.	81.25 0.72 0.33	5 4 4

Motorola Clip-On Handsfree Speaker

417142 458147 463198

Original accessories... "fro people that made your phone(TM)." OEMs desig manufacture accessories t match the specific require of their phones, satisfying most demanding custome can trust the high quality performance of original a sories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
NEW **417142** 1 EACH	Motorola Inc. 98422/SPN5028 12 Month Limited	Desktop speaker. Attaches to phone or compatible desktop charger (TESSCO sku 490126). For use with GSM and TDMA phones only. Retail box.	60.00 0.25 0.11	3 3 3
NEW **458147** 1 EACH	Motorola Inc. 98421/SPN5027 12 Month Limited	Desktop speaker. Attaches to phone or compatible desktop charger (TESSCO sku 490126). For use with CDMA phones only. Retail box.	60.00 0.25 0.11	3 3 3
463198 1 EACH	Motorola Inc. 98359/SYN9347 12 Month Limited	Clip-On handsfree speaker and belt clip. Attaches to phone and can be used simultaneously with a travel charger or vehicle power adapter. (GSM & TDMA ONLY). Retail Box.	50.65 0.25 0.11	3 3 3

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otorola Handsfree Car Kits

416368 428123 435171

riginal accessories... "from the people that made your phone(TM)." OEMs design and manu- cture accessories to match the specific requirements of their phones, satisfying the most manding customer. You can trust the high quality and performance of original accessories.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
IEW 6368 ACH	Motorola Inc. SYN0301 1 yr	Hang up cup. For use with S9610 Pro-Install car kit. Includes built-in release button. Bulk packaged.	62.50 0.5 0.23	38.82 37.57 34.44
8123 ACH	Motorola Inc. S9610 1 Year	Pro-Install car kit. Mini-uhf male antenna connection. *Not full duplex. Hang up cups sold separately. Cups: v60(416368), v120(481139), 270(434103). 60t requires software upgrade to work with kit. Version 16.08.01 for Cingular customers, version 16.09 for AT&T customers.	125.00 2.2 1	77.63 75.13 68.88
IEW 5171 ACH	Motorola Inc. S9563 1 Year	Pro-Install car kit. *Not full duplex. 60t requires software upgrade to work with kit. *Phone must be version 16.08.01 for Cingular customers, or version 16.09 for AT&T customers.	187.50 2.6 1.18	116.44 112.69 103.32

otorola Self-Install Handsfree Kit

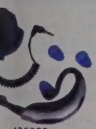
417390

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 7390 ACH	Motorola Inc. 98413 12 Month Limited	Self-install handsfree car kit. Designed to fit most vehicle cup holders. Includes retractable phone and microphone cables and a 2-watt speaker. Charges phone battery to 90% capacity in four to six hours.	126.25 1.05 0.48	78.41 75.88 69.57

Headsets [262-10]

uetooth Headsets

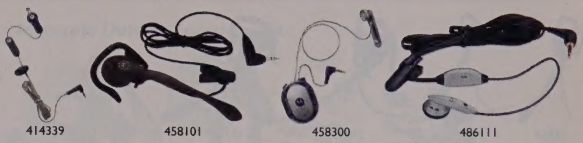


435389

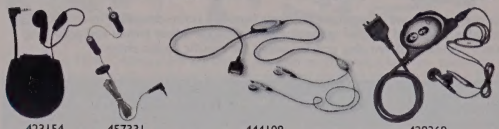
The Motorola Bluetooth headset provides a cordless connection to your mobile phone. Carry on handsfree conversation without the restriction of a cord.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 389 ACH	Jabra Corporation 100-91030000-02 1 Year	Freespeak Bluetooth Headset with 2.5mm headset jack.	179.95 0.45 0.2	143.06 123.09 114.99

Motorola Hands-Free Headset



414339 458101 458300 486111

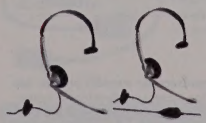


423154 457331 444108 428368

• Motorola hands-free headsets allow private phone calls. Plug directly into the phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 414339 1 EACH	Motorola Inc. SYN9350 12 Month Limited	Earbud headset with in-line microphone. Retail box.	12.50 0.15 0.07	8.27 8.02 7.39
458101 1 EACH	Motorola Inc. 98328/SYN8908 12 Month Limited	Over-the-ear handsfree headset. Retail Box.	25.00 0.15 0.07	13.08 12.67 11.66
NEW 458300 1 EACH	Motorola Inc. 98435/SYN9050 12 Month Limited	Motorola retractable headset. Retail Box.	21.90 0.1 0.05	14.09 13.65 12.56
NEW 486111 1 EACH	Motorola Inc. 98323/AAYN4264 12 Month Limited	Earbud headset with in-line microphone. Silver. Retail box.	12.50 0.15 0.07	8.27 8.02 7.39
423154 1 EACH	Motorola Inc. 98196/SYN8284 12 Month Limited	Motorola retractable in-ear headset. Retail Box.	21.90 0.1 0.05	14.09 13.65 12.56
NEW 457331 1 EACH	Motorola Inc. SYN9351 12 Month Limited	One touch headset with answer/end button and noise canceling microphone. Retail Box.	17.00 0.25 0.11	11.06 10.72 9.87
444108 1 EACH	Motorola Inc. 98310/SYN8609 12 Month Limited	FM stereo radio headset powered by phone's battery. Change stations via phone's navigation key. Store and recall nine stations using phone's keypad. Radio mutes automatically for incoming calls; simply press the button on the headset and start talking. Retail Box.	64.65 0.25 0.11	40.64 39.35 36.12
NEW 428368 1 EACH	Motorola Inc. 98381 12 Month Limited	MP3 player headset. Connects directly to compatible phones. Music mutes when calls come in. Includes 32MD SD memory card, stéreo headset with in-line microphone, USB cable, lanyard, headset adapter and Motorola MUSICMATCH (TM) Jukebox Plus software. Motorola retail package. Phone must contain software version 2100.01.2F02 or later.	302.50 0.25 0.11	187.86 181.81 166.68

Plantronics Over-The-Head Headsets



36909 36926

All Plantronics over-the-head wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36909 1 EACH	Plantronics M110 1 Year	Flexible headband on this over-the-head headset provides stability and comfort.	24.20 0.4 0.18	16.06 12.59 12.08
36926 1 EACH	Plantronics M114 1 Year	Flexible headband on this over-the-head style headset provides stability and comfort. Includes in-line volume control.	26.80 0.4 0.18	17.80 13.95 13.39

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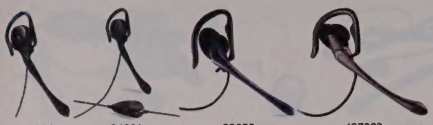
Motorola V.60 Series

Plantronics Over-The-Ear Headsets



36954 36981 32055 497082

All Plantronics over-the-ear wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hard-wired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36954 1 EACH	Plantronics M120 1 Year	Lightweight comfort in an over-the-ear style headset.	24.20 0.25 0.11	16.06 12.59 12.08
36981 1 EACH	Plantronics M124 1 Year	Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80 0.24 0.11	17.80 13.95 13.39
32055 1 EACH	Plantronics M130 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic-blue, blurple color.	29.50 0.22 0.1	19.59 15.36 14.73
NEW **433174** 1 EACH	Plantronics M135/BLUE 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, blurple color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55
497082 1 EACH	Plantronics M135/ESPRESSO 1 Year	Superior comfort and sleek design in this over-the-ear headset. Espresso color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55

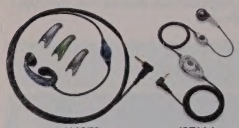
Plantronics In-The-Ear Headsets

37000 37004

All Plantronics in-the-ear boom-style wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37000 1 EACH	Plantronics M140/CHARCOAL 1 Year	Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11	24.31 19.06 18.28
NEW **467122** 1 EACH	Plantronics M140/SILVER 1 Year	Ultra-light comfort with this in-the-ear style headset. Silver color.	36.60 0.25 0.11	24.31 19.06 18.28
37004 1 EACH	Plantronics M145 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11	28.22 22.12 21.22

Plantronics Discreet Earbud Headsets

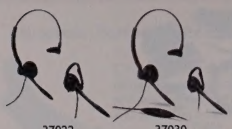


410379 437114

All Plantronics earbud headsets for wireless phones feature Flexfit(TM) design for increased stability, RF noise shielded cable, advanced speaker technology, and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **410379** 1 EACH	Plantronics MX100 1 Year	Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19.59 15.36 14.73
437114 1 EACH	Plantronics M205 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09	19.59 15.36 14.73

Plantronics Convertible Headsets



37022 37030

All Plantronics convertible style wireless phone head feature a noise-canceling microphone, RF noise shiel cable, advanced speaker technology, microphone-adj switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
37022 1 EACH	Plantronics M170 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18	3 2 2
37030 1 EACH	Plantronics M175 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22	3 2 2

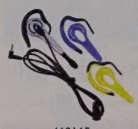
Plantronics Cordless Headsets

467353

Cut the Cord(TM) with Bluetooth(TM) wireless headsets from Plantronics Plantronics over-the-ear cordless headsets feature an adjustable noice canc microphone, volume/mute control and answer/end button. High-capacity rechargeable batteries provide up to 2.5 hours of talk time and 60 hours o standby.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T T T
NEW **467353** 1 EACH	Plantronics M1500 BLUE-TOOTH 1 Year	Bluetooth headset. Over-the-ear style with answer/end button and volume/mute control. Includes Bluetooth adapter, AC adapter and rechargeable battery. Bluetooth version 1.1.	250.70 0.25 0.11	16 13 12

Wireless Solutions 2.5mm Earwrap



460165

The Wireless Solutions EarWrap: noise-canceling mic, sleek, lightwei design, colorful accessories. Choose from snap-on boom covers and forming ear wraps in sleek tones of silver, blue and yellow.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T T T
460165 1 EACH	Wireless Solutions 466053U Lifetime	Earwrap with colored faceplates and 2.5mm connector.	27.50 0.4 0.18	1 1 1

Wireless Solutions EarBoom Headset

424099

Wireless Solutions In The Ear headset features a boom mic. Comfortable. Provide mic sound as well as in the ear speaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T T T
424099 1 EACH	Wireless Solutions 484028U Lifetime	Earboom Headset with 2.5mm jack. Includes six eargels.	31.00 0.3 0.14	1 1 1

NEW = New Listing. Pricing for referenc See TESSCO.com for latest pricing and pi Copyright 2003 all rights reserved.

ireless Solutions EarBud Headset

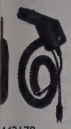
445052

The Wireless Soluitons EarBud is the most cost-effective, solution for mobile phone users wanting a hands-free alternative at a value price. The EarBud integrates the microphone as part of the cable leading from the ear to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
5052 ACH	Wireless Solutions 438045U Lifetime	Earbud Headset with 2.5mm jack. Includes six eargels.	27.00 0.3 0.14	12.09 10.09 8.09

Portable Cellular Phone Accessory Kit [262-50]

otorola Starter Kits



442178

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 2178 ACH	Motorola Inc. 463157/451162 12 Month Limited	Starter kit. Includes vehicle power adapter and leather case with belt clip.	45.00 0.5 0.23	15.96 15.46 14.22

ireless Solutions Starter Kits

444101

udes leather case and vehicle power adapter. Wireless Solutions Retail Package.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
101 ACH	Wireless Solutions 411149U Lifetime	Starter Kit. Leather Case with swivel, beltclip and VPA.	33.00 0.5 0.23	13.90 11.92 9.90

Retractable/Replacement Antennas [385-65]

otorola Retractable Antenna

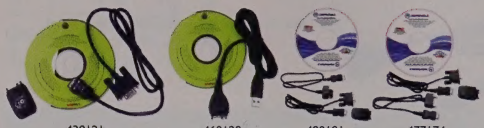
Original Motorola Retractable Antenna replacement

58

No. Uom	Manufacturer Mfg. P/N Warranty	Frequency Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 358 CH	Motorola Inc. 8589650K22 1 Year	Fits Motorola V. Series 60c CDMA phones. Antenna removal tool required for replacement (TESSCO sku 464395). Bulk packaged.	13.60 0.1 0.05	8.44 8.16 7.48
W 395 CH	Motorola Inc. 6609414J02 1 Year	Antenna removal tool	20.95 0.1 0.05	15.56 15.56 15.56

Data Interfaces for Portable Phones [260-12]

Motorola Data Connectivity Kit



438121 460128 490191 477174

Motorola Data Connectivity Kit allows the user to connect a wireless phone to a modem, enabling access to the internet, e-mail or fax. Just connect the cable to your laptop, desktop, or PDA. Install the software and make your connection.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
438121 1 EACH	Motorola Inc. 98320 1 Year	Multi-Connect serial data kit. Includes serial cable, CD-Rom and instructions. Compatible with Windows 98/NT4.0/2000/XP/ME.	87.50 0.6 0.27	54.34 52.59 48.22
460128 1 EACH	Motorola Inc. 98326 1 Year	USB data kit. Includes USB data cable, CD-Rom and instructions. Compatible with Windows 98/2000/XP/ME.	47.50 0.5 0.23	29.50 28.55 26.18
490191 1 EACH	Motorola Inc. 98321 1 Year	Multi-Connect Serial Kit for PALM III. Kit includes CE Bus RS232 data head, RS232 PC data cable, Motorola data connectivity solution CD, Palm III data cable and Motorola Com Center Manager CD. Windows operating system requirements: Windows 98, 98SE, NT4.0, 2000, ME and XP. Palm operating system requirements for Com Center Manager: Palm OS 3.3 or later. Motorola retail package.	140.00 0.62 0.28	86.94 84.14 77.14
477174 1 EACH	Motorola Inc. 98347 1 Year	Multi-Connect Serial Kit for Palm V. Kit includes CE Bus RS232 data head, RS232 PC data cable, Motorola data connectivity solution CD, Palm V data cable and Motorola Com Center Manager CD. Windows operating system requirements: Windows 98, 98SE, NT4.0, 2000, ME and XP. Palm operating system requirements for Com Center Manager: Palm OS 3.3 or later. Motorola retail package.	140.00 0.64 0.29	86.94 84.14 77.14

Motorola Data Cables

447167 454166 456190

417368

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
447167 1 EACH	Motorola Inc. S9141 1 Year	Serial Data Cable, only. Bulk packaged.	50.00 0.35 0.16	31.05 30.05 27.55
454166 1 EACH	Motorola Inc. SKN6311 1 Year	USB Data Cable, only. Bulk packaged.	30.00 0.35 0.16	18.63 18.03 16.53
NEW 456190 1 EACH	Motorola Inc. S9618A 1 Year	iPAQ cable and head for iPAQ 3135, 3150, 3635, 3650, 3670, 3760, 3765.	69.40 0.2 0.09	43.09 41.70 38.23
NEW 417368 1 EACH	Motorola Inc. S9908 1 Year	iPAQ cable and head for the 3800 series. Bulk packaged.	69.40 0.2 0.09	43.09 41.70 38.23

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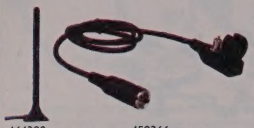
Motorola V2200, V2300 Series

External Antenna Kits for Portables [362-40]

Wireless Solutions Antenna Cables



444380 459366

Wireless Solutions Antenna Cables and Antenns

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **444380** 1 EACH	Wireless Solutions 454106U 1 Year	Dual Band Mini-Magnetic Mount Antenna connects to RF adapter.	19.70 0.25 0.11	11.22 9.89 9.43
NEW **459366** 1 EACH	Wireless Solutions 488193U 1 Year	Antenna Adapter Cable. V60c. Use Dual Band Mini Mag-Mount Antenna SKU# 444380.	11.00 0.25 0.11	6.50 5.75 5.50

Cellular Antenna Couplers [362-41]

ClearConnect Cables

ClearConnect cables allow easy connection to an external antenna to improve the phone's performance. 12" cable attaches directly to the phone and terminates in a TNC female connector.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **469346** 1 EACH	Superior Comm. 41643 3 Year	Fits Motorola V. Series 60.	14.15 0.1 0.05	6.76 6.52 6.37

ClearConnect with Antenna

ClearConnect reduces dropped calls and improves your signal strength. Links your phone to a dual band mini magnet antenna that easily attaches to your vehicle.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **462337** 1 EACH	Superior Comm. 41645 3 Year	Fits Motorola V. Series 60.	34.45 0.25 0.11	16.45 15.85 15.49

Compatible Phone Models

Motorola V2260
Motorola V2267
Motorola V2282
Motorola V2288
Motorola V2290
Motorola V2297
Motorola V2397

If you do not see your pho model listed, please ca 800-955-9997.

Batteries for Portable Phones [270-10]

Motorola Portable Phone Batteries

493159

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to the specific requirements of their phones, satisfying the mos demanding customer. You can trust the high quality and perf mance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T
493159 1 PACK	Motorola Inc. 98247/SNN5542 12 Month Limited	(3)AAA Standard batteries. Retail box. 700 mah NiMH 110 minutes/40 hours.	15.00 0.2 0.09	8 8 7

Wireless Solutions Batteries

495081

- High Quality, Great Value
- Available with merchandising system that drives multiple and repeat purchases to improve over profitability
- Attractive retail packaging that promotes self selection and consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T
495081 1 EACH	Wireless Solutions 462021U Lifetime	Replacement Battery Triple A Battery pack 900mah NiMH 1 to 4 hours DTT/1 to 6 days DST	30.55 0.3 0.14	2 1 1

Vehicle Power Adapters [275-10]

Motorola (OEM) Vehicle Power Adapters

433133

Original accessories... "from the people that made your phone(TM OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding custo You can trust the high quality and performance of original accesso These products are used by directly plugging onto the phone with removing the battery. Provides power to the phone and charges th tery at the same time.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
433133 1 EACH	Motorola Inc. 98246/SYN8087 12 Month Limited	Vehicle power adapter. Retail box.	25.00 0.3 0.14	7 7 6

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REST OF WORLD +1 410-229-1200
FAX 410-527-0005
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reless Solutions Vehicle Power Adapter

Wireless Solutions Vehicle adapters are a great value, and high quality. Quality tested cable returns to original shape after multiple stretches. Attractive retail packaging.

459078

- able rate charging for safety & convenience (no erchanging)
- ugh current to make a call with a discharged bat-y
- Attractive retail packaging that promotes self selection and consumer education
- Available with revolutionary merchandising system that drives multiple and repeat purchase to improve overall profitability

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
078 .CH	Wireless Solutions 410034U Lifetime	Vehicle Power Adapter. Retail Packaged.	23.00 0.3 0.14	7.24 5.91 4.60

Face Plates [311-10]

otorola Phone Wraps

45 418116 424161 455160 458122 460110 464191 479136 479160 480121

torola Original Phone Wrap accessories provide you with a comfortable and stylish way to tect your phone from the rigors of everyday life and make it easy to carry with you.

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
145 .CH	Motorola Inc. 98256/SYN8411 12 Month Limited	PhoneWrap Cover - Saffron. Retail box.	10.00 0.3 0.14	6.71 6.51 6.01
116 .CH	Motorola Inc. 98259/SYN8579 12 Month Limited	PhoneWrap Cover - Canary. Retail box.	10.00 0.15 0.07	6.71 6.51 6.01
161 .CH	Motorola Inc. 98257/SYN8412 12 Month Limited	PhoneWrap Cover - Stone. Retail box.	10.00 0.1 0.05	6.71 6.51 6.01
160 .CH	Motorola Inc. 98262/SYN8577 12 Month Limited	PhoneWrap Cover - Brick. Retail box.	10.00 0.3 0.14	6.71 6.51 6.01
122 .CH	Motorola Inc. 98258/SYN8578 12 Month Limited	PhoneWrap Cover - Mango. Retail box.	10.00 0.3 0.14	6.71 6.51 6.01
110 .CH	Motorola Inc. 98249/SYN8408 12 Month Limited	PhoneWrap Cover - Quartz. Retail box.	10.00 0.3 0.14	6.71 6.51 6.01
191 .CH	Motorola Inc. 98255/SYN8410 12 Month Limited	PhoneWrap Cover - Glass. Retail box.	10.00 0.3 0.14	6.71 6.51 6.01
136 .CH	Motorola Inc. 98261/SYN8581 12 Month Limited	PhoneWrap Cover - Ruby. Retail box.	10.00 0.3 0.14	6.71 6.51 6.01
160 .CH	Motorola Inc. 98254/SYN8409 12 Month Limited	PhoneWrap Cover - Wave. Retail box.	10.00 0.3 0.14	6.71 6.51 6.01
121 .CH	Motorola Inc. 98260/SYN8580 12 Month Limited	PhoneWrap Cover - Azure. Retail box.	10.00 0.15 0.07	6.71 6.51 6.01

Motorola Soft Phone Wraps

427135 446166 447133 455115 487139

Motorola Original Soft Phone Wraps provide you with a comfortable and stylish way to protect your phone from the rigors of everyday life and make it easy to carry with you.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
427135 1 EACH	Motorola Inc. 98269/SYN8470 12 Month Limited	Soft PhoneWrap Cover - Electric Lime. Retail box.	3.75 0.3 0.14	2.83 2.76 2.57
446166 1 EACH	Motorola Inc. 98253/SYN8468 12 Month Limited	Soft PhoneWrap Cover - Honeydew. Retail box.	3.75 0.3 0.14	2.83 2.76 2.57
447133 1 EACH	Motorola Inc. 98271/SYN8471 12 Month Limited	Soft PhoneWrap Cover - Hyacinth Blue. Retail box.	3.75 0.3 0.14	2.83 2.76 2.57
455115 1 EACH	Motorola Inc. 98270/SYN8467 12 Month Limited	Soft PhoneWrap Cover - Marlin. Retail box.	3.75 0.3 0.14	2.83 2.76 2.57
487139 1 EACH	Motorola Inc. 98268/SYN8469 12 Month Limited	Soft PhoneWrap Cover - Safety. Retail box.	3.75 0.3 0.14	2.83 2.76 2.57

AleEv Faceplates-Motorola 2200 Series

449091 495062 414068 490071 471032 498087

Color faceplates to personalize your portable phone. No professional installation, no special tools required. The faceplate clicks over the keypad.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
449091 1 EACH	AleEv (formerly MTU) 80766 Limited Lifetime	Faceplate - Electric Blue	28.55 0.1 0.05	11.46 10.66 9.96
495062 1 EACH	AleEv (formerly MTU) 80765 Ltd. Lifetime	Faceplate - Ferrari Silver	19.95 0.25 0.11	8.01 7.44 6.95
414068 1 EACH	AleEv (formerly MTU) 80764 Ltd. Lifetime	Faceplate - Honey Red	19.95 0.25 0.11	8.01 7.44 6.95
490071 1 EACH	AleEv (formerly MTU) 80769 Ltd. Lifetime	Faceplate - Royal Purple	19.95 0.25 0.11	8.01 7.44 6.95
471032 1 EACH	AleEv (formerly MTU) 80768 Ltd. Lifetime	Faceplate - Tri-Tone	22.80 0.25 0.11	9.16 8.52 7.96
498087 1 EACH	AleEv (formerly MTU) 80762 Ltd. Lifetime	Faceplate - Yellow	19.95 0.25 0.11	8.01 7.44 6.95

AleEv Phone Gloves-Motorola 2200 Series

446064 480081 445072 492037 453011

Colored phone gloves wrap around your portable phone to personalize and protect it. A swivel belt clip is included with each glove.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
446064 1 EACH	AleEv (formerly MTU) 80787 Ltd. Lifetime	Phone Glove - Transparent Blue	17.05 0.25 0.11	6.86 6.37 5.95

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Motorola V2200, V2300 Series

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
480081 I EACH	AleEv (formerly MTU) 80777 Ltd. Lifetime	Phone Glove - Transparent Green	17.05 0.25 0.11	6.86 6.37 5.95
445072 I EACH	AleEv (formerly MTU) 80779 Ltd. Lifetime	Phone Glove - Transparent Orange	17.05 0.25 0.11	6.86 6.37 5.95
492037 I EACH	AleEv (formerly MTU) 80778 Ltd. Lifetime	Phone Glove - Transparent Pink	17.05 0.25 0.11	6.86 6.37 5.95
453011 I EACH	AleEv (formerly MTU) 80786 Ltd. Lifetime	Phone Glove - Transparent Yellow	17.05 0.25 0.11	6.86 6.37 5.95

FPF Fun Friends

417318 425345 440370

441386 454305 472388

474325 481374 482389 486359

488341 490397 491340

499325

Fun Friends are leading the way with adorable characters that give new attitude to these otherwise dull products. Fun Friends are a perfect match for all who enjoy plush characters ranging from Funky the Monkey to Tadpole our Lime Green Frog.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 417318 I EACH	funphonefriend.com A-05 30 days	Fun Friends phone cover. Tapole Frog	15.00 0.32 0.15	6.50 5.75 5.21
NEW 425345 I EACH	funphonefriend.com A-01 30days	FunFriends phone cover. Bully-Bulldog	15.00 0.32 0.15	6.50 5.75 5.21
NEW 440370 I EACH	funphonefriend.com A-22 30 days	Fun Friends Funky- Monkey	15.00 0.32 0.15	6.50 5.75 5.21
NEW 441386 I EACH	funphonefriend.com A-3 30 days	Fun Friends phone covers. Floppy Reg	15.00 0.32 0.15	6.50 5.75 5.21
NEW 454305 I EACH	funphonefriend.com A-19 30 days	FunFriends phone cover. ALI- Aligator	15.00 0.32 0.15	6.50 5.75 5.21
NEW 472388 I EACH	funphonefriend.com A-17 30 days	FunFriends phone cover. Beary- Lavender Bear	15.00 0.32 0.15	6.50 5.75 5.21
NEW 474325 I EACH	funphonefriend.com A-27 30 days	Fun Friends phone cover. Santa	15.00 0.32 0.15	6.50 5.75 5.21

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
NEW 481374 I EACH	funphonefriend.com A-15 30 days	Fun Friends phone covers. Dangles- Dog Hanging Legs	15.00 0.32 0.15	6 5 5
NEW 482389 I EACH	funphonefriend.com A-24 30 days	Fun Friends phone covers. Munchie- Manatee	15.00 0.32 0.15	6 5 5
NEW 486359 I EACH	funphonefriend.com A-10 30 days	Fun Friends phone covers. Kit Kat- Cat	15.00 0.32 0.15	6 5 5
NEW 488341 I EACH	funphonefriend.com A-7 30 days	Fun Friends phone cover. Larry -Lobster	15.00 0.32 0.15	6 5 5
NEW 490397 I EACH	funphonefriend.com A-21 30 days	Fun Friends phone covers. Cheeser- Mouse	15.00 0.32 0.15	6 5 5
NEW 491340 I EACH	funphonefriend.com A-09 30 days	Fun Friends phone covers. Oinky- Pig	15.00 0.32 0.15	6 5 5
NEW 499325 I EACH	funphonefriend.com A-20 30 days	Fun Friends phone covers. Moo Moo- Cow	15.00 0.32 0.15	6 5 5

Chargers, Desk Top, Travel [305-60]

Motorola AC Travel Chargers

87752

Original accessories... "from the people that made your phone(T OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding cust You can trust the high quality and performance of original access

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
87752 I EACH	Motorola Inc. SPN4681 1 Year	Travel charger with US AC plug. Bulk packaged.	6.90 0.45 0.2	

Motorola FreeCharge Chargers

431395 477300

The Motorola FreeCharge(TM) is a unique, conve energy source for mobile phones. A winding han provides power to a mobile phone with no AC/I outlet required.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	
NEW 431395 I EACH	Motorola Inc. 98416 12 Month Limited	FreeCharge(TM). Blue. Includes flashlight adapter and phone adapter module.	102.50 0.4 0.18	6
NEW 477300 I EACH	Motorola Inc. 98417 12 Month Limited	FreeCharge(TM). Yellow. Includes flashlight adapter and phone adapter module.	102.50 0.4 0.18	6

Wireless Solutions Travel Charger

436083

- Plugs into any 110 volt outlet
- Use your phone while it is charging
- Rapid Charges batteries in about 2-4 hours
- Attractive retail packaging that promotes self tion and consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
436083 I EACH	Wireless Solutions 497095U Lifetime	Travel Charger	14.50 0.4 0.18

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Cases for Portable Cellular Phones [310-10]

otorola OEM Phone Cases

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

69

No. Jom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
169 .CH	Motorola Inc. 98266/SHN7471 12 Month Limited	Leather case with belt clip. Retail box. Black	20.00 0.2 0.09	7.11 6.89 6.36

reless Solutions Cases

57 464028

- h quality leather
- on stitching
- ther covered rust resistant spring clip
- Mylar plastic that will not yellow or crack
- Environmentally tested to ensure durability
- Attractive retail packaging that promotes self selectionand consumer education

No. Jom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
057 .CH	Wireless Solutions 436084U Lifetime	Leather case with built-in swivel and belt clip. Vinyl over LCD only. Retail packaged. Black	11.60 0.3 0.14	7.50 6.87 6.30
028 .CH	Wireless Solutions 447067U Lifetime	Leather case with built-in swivel and belt clip. Vinyl over LCD and keypad. Retail packaged. Black	11.60 0.3 0.14	7.50 6.87 6.30

reless Solutions Phone Holsters

435107

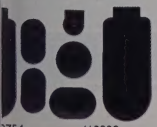
ne Holster can ratchet 180 degrees.
ne sits firmly in place inside of holster.

- Holster is manufactured with high-impact plastic.

No. Jom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
107 .CH	Wireless Solutions 491153U 1 Year	Ratcheting Phone Holster Black	7.75 0.3 0.14	5.51 4.66 3.60

Waterproof Cases, Belt Clips [310-60]

reless Solutions Beltclips



Belt clips designed to conveniently snap onto the phone to securely hold it in place. Holds the phone without the need for a leather carry case.

0754 413338

No. Jom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
754 .CH	Wireless Solutions 30754 Lifetime	Universal Belt Clip includes three different swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21
W 338 .CH	Wireless Solutions 458379U Lifetime	Universal Belt Clip includes two swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21

Hands Free Kits, Mics, Headsets [262-09]

Motorola Easy Install Handsfree Kits

71123

Motorola Easy Install Kits require no professional installation. These kits include 3-watt speaker, in-line microphone, rapid charging capability and clip-on attachment system to mount speaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
71123 1 EACH	Motorola Inc. 98245 1 Year	Easy Install Hands Free Kit. System features include 3-watt speaker, in-line microphone, rapid charging capability and clip-on attachment system for car mounting.	40.00 2 0.91	24.84 24.04 22.04

Headsets [262-10]

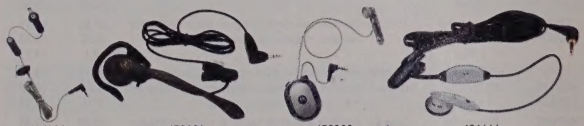
Bluetooth Headsets

435389

The Motorola Bluetooth headset provides a cordless connection to your mobile phone. Carry on handsfree conversation without the restriction of a cord.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **435389** 1 EACH	Jabra Corporation 100-91030000-02 1 Year	Freespeak Bluetooth Headset with 2.5mm headset jack.	179.95 0.45 0.2	143.06 123.09 114.99

Motorola Hands-Free Headset



414339 458101 458300 486111

423154

- Motorola hands-free headsets allow private phone calls. Plug directly into the phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **414339** 1 EACH	Motorola Inc. SYN9350 12 Month Limited	Earbud headset with in-line microphone. Retail box.	12.50 0.15 0.07	8.27 8.02 7.39
458101 1 EACH	Motorola Inc. 98328/SYN8908 12 Month Limited	Over-the-ear handsfree headset. Retail Box.	25.00 0.15 0.07	13.08 12.67 11.66
NEW **458300** 1 EACH	Motorola Inc. 98435/SYN9050 12 Month Limited	Motorola retractable headset. Retail Box.	21.90 0.1 0.05	14.09 13.65 12.56
NEW **486111** 1 EACH	Motorola Inc. 98323/AAYN4264 12 Month Limited	Earbud headset with in-line microphone. Silver. Retail box.	12.50 0.15 0.07	8.27 8.02 7.39
423154 1 EACH	Motorola Inc. 98196/SYN8284 12 Month Limited	Motorola retractable in-ear headset. Retail Box.	21.90 0.1 0.05	14.09 13.65 12.56

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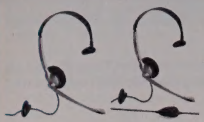
Motorola V2200, V2300 Series

Plantronics Over-The-Head Headsets

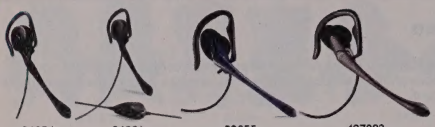


36909 36926

All Plantronics over-the-head wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36909 1 EACH	Plantronics M110 1 Year	Flexible headband on this over-the-head headset provides stability and comfort.	24.20 0.4 0.18	16.06 12.59 12.08
36926 1 EACH	Plantronics M114 1 Year	Flexible headband on this over-the-head style headset provides stability and comfort. Includes in-line volume control.	26.80 0.4 0.18	17.80 13.95 13.39

Plantronics Over-The-Ear Headsets



36954 36981 32055 497082

All Plantronics over-the-ear wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hard-wired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36954 1 EACH	Plantronics M120 1 Year	Lightweight comfort in an over-the-ear style headset.	24.20 0.25 0.11	16.06 12.59 12.08
36981 1 EACH	Plantronics M124 1 Year	Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80 0.24 0.11	17.80 13.95 13.39
32055 1 EACH	Plantronics M130 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic-blue, blurple color.	29.50 0.22 0.1	19.59 15.36 14.73
NEW 433174 1 EACH	Plantronics M135/BLUE 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, blurple color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55
497082 1 EACH	Plantronics M135/ESPRESSO 1 Year	Superior comfort and sleek design in this over-the-ear headset. Espresso color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55

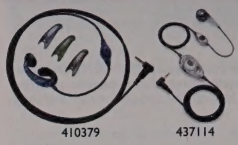
Plantronics In-The-Ear Headsets

37000 37004

All Plantronics in-the-ear boom-style wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37000 1 EACH	Plantronics M140/CHARCOAL 1 Year	Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11	24.31 19.06 18.28
NEW 467122 1 EACH	Plantronics M140/SILVER 1 Year	Ultra-light comfort with this in-the-ear style headset. Silver color.	36.60 0.25 0.11	24.31 19.06 18.28
37004 1 EACH	Plantronics M145 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11	28.22 22.12 21.22

Plantronics Discreet Earbud Headsets

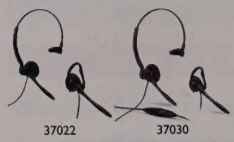


410379 437114

All Plantronics earbud headsets for wireless phones f ture Flexfit(TM) design for increased stability, RF nois shielded cable, advanced speaker technology, and a cl ing clip. Available in a standard 2.5mm plug or hardwi for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW 410379 1 EACH	Plantronics MX100 1 Year	Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19 15 14
437114 1 EACH	Plantronics M205 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09	19 15 14

Plantronics Convertible Headsets



37022 37030

All Plantronics convertible style wireless phone heads feature a noise-canceling microphone, RF noise shield cable, advanced speaker technology, microphone-adju switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
37022 1 EACH	Plantronics M170 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18	31 24 23
37030 1 EACH	Plantronics M175 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22	35 27 26

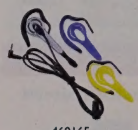
Plantronics Cordless Headsets

467353

Cut the Cord(TM) with Bluetooth(TM) wireless headsets from Plantronics Plantronics over-the-ear cordless headsets feature an adjustable noice canc microphone, volume/mute control and answer/end button. High-capacity rechargeable batteries provide up to 2.5 hours of talk time and 60 hours o standby.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T T T
NEW 467353 1 EACH	Plantronics M1500 BLUETOOTH 1 Year	Bluetooth headset. Over-the-ear style with answer/end button and volume/mute control. Includes Bluetooth adapter, AC adapter and rechargeable battery. Bluetooth version 1.1.	250.70 0.25 0.11	16 13 12

Wireless Solutions 2.5mm Earwrap



460165

The Wireless Solutions EarWrap: noise-canceling mic, sleek, lightweig design, colorful accessories. Choose from snap-on boom covers and forming ear wraps in sleek tones of silver, blue and yellow.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
460165 1 EACH	Wireless Solutions 466053U Lifetime	Earwrap with colored faceplates and 2.5mm connector.	27.50 0.4 0.18	

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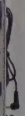
reless Solutions EarBoom Headset



Wireless Solutions In The Ear headset features a boom mic. Comfortable. Provide good mic sound as well as in the ear speaker.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
099 CH	Wireless Solutions 484028U Lifetime	Earboom Headset with 2.5mm jack. Includes six eargels.	31.00 0.3 0.14	13.31 11.32 9.31

reless Solutions EarBud Headset

445052

The Wireless Soluitons EarBud is the most cost-effective, solution for mobile phone users wanting a hands-free alternative at a value price. The EarBud integrates the microphone as part of the cable leading from the ear to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
052 CH	Wireless Solutions 438045U Lifetime	Earbud Headset with 2.5mm jack. Includes six eargels.	27.00 0.3 0.14	12.09 10.09 8.09

Portable Cellular Phone Accessory Kit [262-50]

torola Starter Kits

412147

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 147 CH	Motorola Inc. 473116/480120 12 Month Limited	Starter kit. Includes vehicle power adapter and leather case with belt clip.	45.00 0.5 0.23	14.10 13.66 12.56

reless Solutions Starter Kits

453065

des leather case and vehicle power adapter. Wireless Solutions Retail Package.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
065 CH	Wireless Solutions 410034U Lifetime	Starter Kit. Includes VPA and Open Face case with built-in swivel and belt clip.	33.00 0.5 0.23	13.90 11.92 9.90

Mounting Plates, Cradles, Holders [150-40]

UltiMount

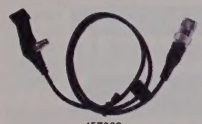
28327

The UltiMount by Pro.Fit International secures any phone or car kit in any vehicle. It swivels, rotates and adjusts to virtually any position and installs in seconds with 3M acrylic foam tape. No tools are needed. Great for cars, trucks, RV's or boats. Designed for cell phones, two- way radios, handheld GPS units and PDA's. The complete system includes a swivel belt clip, Nokia button, round and oblong buttons and surface preparation supplies. Will also work with a case with a built-in belt clip. Premium trifold clam-shell package with a color insert card and complete instructions for installing and removing.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
28327 1 EACH	Pro.Fit International UL747 Lifetime	UltiMount	24.95 0.5 0.23	15.00 13.98 13.95

Cellular Antenna Couplers [362-41]

ClearConnect Cables



457009

ClearConnect cables allow easy connection to an external antenna to improve the phone's performance. 12" cable attaches directly to the phone and terminates in a TNC female connector.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
457009 1 EACH	Superior Comm. 45643 3 Year	Fits Motorlola T22xx, V22xx, and V120c.	14.15 0.1 0.05	6.76 6.52 6.37

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Motorola V60i

Compatible Phone Models:

Motorola V60ic

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

Motorola Portable Phone Batteries

410133

454135

494156

416163

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
410133 1 EACH	Motorola Inc. 98338/SNN5717 12 Month Limited	Slim internal battery. Retail box. 500 mAh Lilo 150 minutes TT/150 hours ST	42.50 0.2 0.09	26.90 26.05 23.92
454135 1 EACH	Motorola Inc. SNN5705/SYN9073 12 Month Limited	High performance battery with metallic door. Retail box. 800 mAh Lilo 240 minutes DTT/242 hours DST	60.00 0.2 0.09	37.75 36.55 33.55
494156 1 EACH	Motorola Inc. 98317/SNN5705 12 Month Limited	High performance battery. Retail box. 800 mAh Lilo 235 minutes DTT/225 hours DST	42.50 0.2 0.09	26.90 26.05 23.92
NEW **416163** 1 EACH	Motorola Inc. SNN5706 12 Month Limited	Replacement extra capacity battery. Door not included. Retail box. 1100 mAh Lilo	45.00 0.23 0.1	28.45 27.55 25.30

Vehicle Power Adapters [275-10]

Motorola (OEM) Vehicle Power Adapters

453147

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories. These products are used by directly plugging onto the phone without removing the battery. Provides power to the phone and charges the battery at the same time.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
453147 1 EACH	Motorola Inc. 98307/SYN7818 12 Month Limited	Vehicle power adapter. Retail box.	25.00 0.25 0.11	8.27 8.02 7.39

Face Plates [311-10]

Motorola Convertible Phone Covers

482377 470388 476379 456359 418374 413393 464318 482353 474366 458391

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW **482377** 1 EACH	Motorola Inc. 98447/SYN0432 12 Month Limited	High Performance convertible cover. Front and back covers. Indigo pearl. Retail box.	30.00 0.1 0.05
NEW **470388** 1 EACH	Motorola Inc. 98449/SYN0434 12 Month Limited	High Performance convertible cover. Front and back covers. Midnight ruby . Retail box.	30.00 0.1 0.05
NEW **476379** 1 EACH	Motorola Inc. 98443/SYN0428 12 Month Limited	High Performance convertible cover. Front and back covers. Onyx night. Retail box.	30.00 0.1 0.05
NEW **456359** 1 EACH	Motorola Inc. 98445/SYN0430 12 Month Limited	High Performance convertible cover. Front and back covers. Smoke metal. Retail box.	30.00 0.1 0.05
NEW **418374** 1 EACH	Motorola Inc. 98451/SYN0436 12 Month Limited	High Performance convertible cover. Front and back covers. White gold . Retail box.	30.00 0.1 0.05
NEW **413393** 1 EACH	Motorola Inc. 98446/SYN0431 12 Month Limited	Slim convertible cover. Front and back covers. Indigo pearl. Retail box.	30.00 0.1 0.05
NEW **464318** 1 EACH	Motorola Inc. 98448/SYN0433 12 Month Limited	Slim convertible cover. Front and back covers. Midnight ruby . Retail box.	30.00 0.1 0.05
NEW **482353** 1 EACH	Motorola Inc. 98442/SYN0427 12 Month Limited	Slim convertible cover. Front and back covers. Onyx night. Retail box.	30.00 0.1 0.05
NEW **474366** 1 EACH	Motorola Inc. 98444/SYN0429 12 Month Limited	Slim convertible cover. Front and back covers. Smoke metal. Retail box.	27.50 0.1 0.05
NEW **458391** 1 EACH	Motorola Inc. 98450/SYN0435 12 Month Limited	Slim convertible cover. Front and back covers. White gold . Retail box.	30.00 0.1 0.05

Chargers, Desk Top, Travel [305-60]

Motorola AC Travel Chargers

482196

Original accessories... "from the people that made your phone(TM)." O design and manufacture accessories to match the specific requirement their phones, satisfying the most demanding customer. You can trust th quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
482196 1 EACH	Motorola Inc. 98357/SPN4940 12 Month Limited	AC Travel Charger with folding blades. Retail box.	13.50 0.4 0.18

Motorola Desktop Chargers

490126

Original accessories... "from the people that made your phone(TM OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding cust You can trust the high quality and performance of original access

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW **490126** 1 EACH	Motorola Inc. 98412 12 Month Limited	Dual pocket desktop charger with built-in clock. Data pass through permits easy synchronization with compatible PC or PDA. Requires travel charger (sku 482196).	62.50 0.5 0.23

NEW = New Listing. Pricing for referenc
See TESSCO.com for latest pricing and p
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torola FreeCharge Chargers

477318 495319

The Motorola FreeCharge(TM) is a unique, convenient energy source for mobile phones. A winding handle provides power to a mobile phone with no AC/DC outlet required.

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 318 CH	Motorola Inc. 98418 12 Month Limited	FreeCharge(TM). Blue. Includes flashlight adapter and phone adapter module.	102.50 0.4 0.18	63.66 61.61 56.48
W 319 CH	Motorola Inc. 98419 12 Month Limited	FreeCharge(TM). Yellow. Includes flashlight adapter and phone adapter module.	102.50 0.4 0.18	63.66 61.61 56.48

Cases for Portable Cellular Phones [310-10]

torola OEM Phone Cases

78 452100

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

No. Jom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
178 CH	Motorola Inc. 98313/SYN8463 12 Month Limited	Leather case with belt clip. Black Black	20.00 0.3 0.14	8.19 7.94 7.33
W 100 CH	Motorola Inc. SYN8848 12 Month Limited	All battery carry pouch with belt clip. Black Black	15.00 0.3 0.14	7.80 7.57 6.98

e Ize Holsters

The Stand-Up Phone Holster provides the ultimate in protection and usability for your phone. Durable Ballistic nylon protects from moisture and scratches, and a secure holstering mechanism ensures your phone will never leave your belt unintentionally

lable in three sizes: small, medium and large.
tic sides expand to accomodate various phones
iple pockets hold accessories

dable metal frame stands, hangs or attaches to
iter and provides a hands-free workstation

- Security snap attaches securely to belt
- Open-ended design for CLA's, headset or other phone accessories

No. Jom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 394 CH	Nite Ize SUSP-07-01 2 Years	Small holster. Phone must fit into 4 1/4L" x 3 1/8W" x 1 1/4D" pocket.	28.25 0.15 0.07	14.68 14.34 14.11

Nite Ize Protective Case

422375 424372 467363 482355

Boxit mobile phone case provides the ultimate protection for any environment.

- Molded polyurethane front and polycarbonate back protects phone from moisture, dirt, dust, and shock. Floats too!
- Includes two different lids to accomodate nearly every phone. Antenna extensions and plugs are included for nearly every style antenna.
- Hear and talk through flexible transparent face while a special waterproof Gore audio membrane enhances audibility and guarantees effective sound transmission
- Operates from -40F to +140F. Approved to IP45 and IP65

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 422375 1 EACH	Nite Ize NBX-07-01 2 years	BOXIT universal phone case. Onyx color	46.20 0.15 0.07	24.01 23.47 23.09
NEW 424372 1 EACH	Nite Ize NBX-07-04 2 years	BOXIT universal phone case. Crystal color.	46.20 0.15 0.07	24.01 23.47 23.09
NEW 467363 1 EACH	Nite Ize NBX-07-28 2 years	BOXIT universal phone case. Citron color.	46.20 0.15 0.07	24.01 23.47 23.09
NEW 482355 1 EACH	Nite Ize NBX-07-03 2 years	BOXIT universal phone case. Aqua color.	46.20 0.15 0.07	24.01 23.47 23.09

Waterproof Cases, Belt Clips [310-60]

Motorola Portable Phone Holsters

412399

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 412399 1 EACH	Motorola Inc. SYN0375 12 Month Limited	Rotating holster. Not compatible with extra capacity battery.	7.50 0.4 0.18	5.16 5.01 4.64

Hands Free Kits, Mics, Headsets [262-09]

Motorola Easy Install Handsfree Kits

420140

Motorola Easy Install Kits require no professional installation. These kits include 3-watt speaker, in-line microphone, rapid charging capability and clip-on attachment system to mount speaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
420140 1 EACH	Motorola Inc. 98308 1 Year	Easy Install ortable handsfree kit. 3-watt speaker. A Motorola Original battery will be charged 90% within one to three hours. Optional external microphone (SYN5708) sold separately.	81.25 0.72 0.33	50.46 48.84 44.77

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Motorola V60i

Motorola Clip-On Handsfree Speaker

417142 458147

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **417142** 1 EACH	Motorola Inc. 98422/SPN5028 12 Month Limited	Desktop speaker. Attaches to phone or compatible desktop charger (TESSCO sku 490126). For use with GSM and TDMA phones only. Retail box.	60.00 0.25 0.11	37.76 36.56 33.56
NEW **458147** 1 EACH	Motorola Inc. 98421/SPN5027 12 Month Limited	Desktop speaker. Attaches to phone or compatible desktop charger (TESSCO sku 490126). For use with CDMA phones only. Retail box.	60.00 0.25 0.11	37.76 36.56 33.56

Motorola Self-Install Handsfree Kit

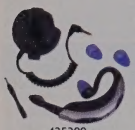
417390

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **417390** 1 EACH	Motorola Inc. 98413 12 Month Limited	Self-install handsfree car kit. Designed to fit most vehicle cup holders. Includes retractable phone and microphone cables and a 2-watt speaker. Charges phone battery to 90% capacity in four to six hours.	126.25 1.05 0.48	78.41 75.88 69.57

Headsets [262-10]

Bluetooth Headsets

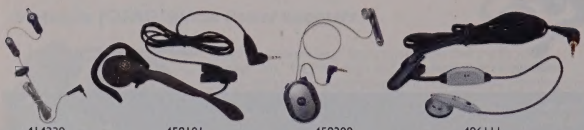


435389

The Motorola Bluetooth headset provides a cordless connection to your mobile phone. Carry on handsfree conversation without the restriction of a cord.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **435389** 1 EACH	Jabra Corporation 100-91030000-02 1 Year	Freespeak Bluetooth Headset with 2.5mm headset jack.	179.95 0.45 0.2	143.06 123.09 114.99

Motorola Hands-Free Headset



414339 458101 458300 486111

423154 457331 444108

•Motorola hands-free headsets allow private phone calls. Plug directly into the phone.

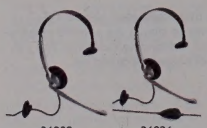
Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **414339** 1 EACH	Motorola Inc. SYN9350 12 Month Limited	Earbud headset with in-line microphone. Retail box.	12.50 0.15 0.07	8.27 8.02 7.39

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	
458101 1 EACH	Motorola Inc. 98328/SYN8908 12 Month Limited	Over-the-ear handsfree headset. Retail Box.	25.00 0.15 0.07	
NEW **458300** 1 EACH	Motorola Inc. 98435/SYN9050 12 Month Limited	Motorola retractable headset. Retail Box.	21.90 0.1 0.05	
NEW **486111** 1 EACH	Motorola Inc. 98323/AAYN4264 12 Month Limited	Earbud headset with in-line microphone. Silver. Retail box.	12.50 0.15 0.07	
423154 1 EACH	Motorola Inc. 98196/SYN8284 12 Month Limited	Motorola retractable in-ear headset. Retail Box.	21.90 0.1 0.05	
NEW **457331** 1 EACH	Motorola Inc. SYN9351 12 Month Limited	One touch headset with answer/end button and noise canceling microphone. Retail Box.	17.00 0.25 0.11	
444108 1 EACH	Motorola Inc. 98310/SYN8609 12 Month Limited	FM stereo radio headset powered by phone's battery. Change stations via phone's navigation key. Store and recall nine stations using phone's keypad. Radio mutes automatically for incoming calls; simply press the button on the headset and start talking. Retail Box.	64.65 0.25 0.11	

Plantronics Over-The-Head Headsets



36909 36926

All Plantronics over-the-head wireless phone headsets fe a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch clothing clip. The 2.5mm plug connects directly into the set port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
36909 1 EACH	Plantronics M110 1 Year	Flexible headband on this over-the-head headset provides stability and comfort.	24.20 0.4 0.18
36926 1 EACH	Plantronics M114 1 Year	Flexible headband on this over-the-head style headset provides stability and comfort. Includes in-line volume control.	26.80 0.4 0.18

Plantronics Over-The-Ear Headsets

36954 36981 32055 497082

All Plantronics over-the-ear wireless phone headsets feature a noise-cancelling microphon noise shielded cable, advanced speaker technology, microphone-adjust switch and a clot clip. Available in a standard 2.5mm plug or hard-wired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
36954 1 EACH	Plantronics M120 1 Year	Lightweight comfort in an over-the-ear style headset.	24.20 0.25 0.11
36981 1 EACH	Plantronics M124 1 Year	Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80 0.24 0.11
32055 1 EACH	Plantronics M130 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic-blue, blurple color.	29.50 0.22 0.1
NEW **433174** 1 EACH	Plantronics M135/BLUE 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, blurple color. Includes in-line volume and mute controls.	35.10 0.25 0.11
497082 1 EACH	Plantronics M135/ESPRESSO 1 Year	Superior comfort and sleek design in this over-the-ear headset. Espresso color. Includes in-line volume and mute controls.	35.10 0.25 0.11

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■REST OF WORLD +1 410-229-1200 ■WWW.TESSCO.COM
NEW = New Listing. Pricing for referenc
See TESSCO.com for latest pricing and p
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ntronics In-The-Ear Headsets

37000 37004

All Plantronics in-the-ear boom-style wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
00 CH	Plantronics M140/CHARCOAL 1 Year	Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11	24.31 19.06 18.28
W 122 CH	Plantronics M140/SILVER 1 Year	Ultra-light comfort with this in-the-ear style headset. Silver color.	36.60 0.25 0.11	24.31 19.06 18.28
04 CH	Plantronics M145 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11	28.22 22.12 21.22

ntronics Discreet Earbud Headsets

410379 437114

All Plantronics earbud headsets for wireless phones feature Flexfit(TM) design for increased stability, RF noise shielded cable, advanced speaker technology, and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 179 CH	Plantronics MX100 1 Year	Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19.59 15.36 14.73
114 CH	Plantronics M205 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09	19.59 15.36 14.73

ntronics Convertible Headsets

37022 37030

All Plantronics convertible style wireless phone headsets feature a noise-canceling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
22 CH	Plantronics M170 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18	31.25 24.50 23.50
30 CH	Plantronics M175 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22	35.16 27.57 26.44

ntronics Cordless Headsets

7353

Cut the Cord(TM) with Bluetooth(TM) wireless headsets from Plantronics. All Plantronics over-the-ear cordless headsets feature an adjustable noice cancelling microphone, volume/mute control and answer/end button. High-capacity rechargeable batteries provide up to 2.5 hours of talk time and 60 hours of standby.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 153 CH	Plantronics M1500 BLUE-TOOTH 1 Year	Bluetooth headset. Over-the-ear style with answer/end button and volume/mute control. Includes Bluetooth adapter, AC adapter and rechargeable battery. Bluetooth version 1.1.	250.70 0.25 0.11	166.67 130.67 125.34

Compatible Phone Models:

Motorola V66

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

Motorola Portable Phone Batteries

457337

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 426330 1 EACH	Motorola Inc. SNN5611 12 Month Limited	Slim battery. Battery door comes attached to the battery. Retail box. Blue 500 mAh Lilo 120-180 minutes DTT/50-120 hours DST	47.75 0.2 0.09	30.16 29.20 26.81
NEW 457337 1 EACH	Motorola Inc. 98375/SNN5609 12 Month Limited	Slim battery. Battery door comes attached to the battery. Retail box. Silver 500 mAh Lilo 120-180 minutes DTT/50-120 hours DST	47.75 0.2 0.09	30.16 29.20 26.81
NEW 446323 1 EACH	Motorola Inc. SNN5619 12 Month Limited	Extra capacity battery. Battery door comes attached to the battery. Retail box. Blue 1000 mAh Lilo 240-330 minutes DTT/100-250 hours DST	57.00 0.23 0.1	35.90 34.76 31.91

Vehicle Power Adapters [275-10]

Motorola (OEM) Vehicle Power Adapters

453147

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories. These products are used by directly plugging onto the phone without removing the battery. Provides power to the phone and charges the battery at the same time.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
453147 1 EACH	Motorola Inc. 98307/SYN7818 12 Month Limited	Vehicle power adapter. Retail box.	25.00 0.25 0.11	8.27 8.02 7.39

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Motorola V66

Face Plates [311-10]

Motorola Interchangeable Bezels

414381 468339 480313

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **414381** 1 EACH	Motorola Inc. 98379/SYN9357 12 Month Limited	3-Pack of bezels with storage pouch. Colors include snake skin, onyx (black), and water drops (blue). Retail box..	15.00 0.25 0.11	9.82 9.52 8.77
NEW **468339** 1 EACH	Motorola Inc. 98378/SYN9356 12 Month Limited	3-Pack of bezels with storage pouch. Colors include cafe latte (brown), mermaid green and smokey silver. Retail box..	15.00 0.25 0.11	9.82 9.52 8.77
NEW **480313** 1 EACH	Motorola Inc. 98377/SYN9355 12 Month Limited	3-Pack of bezels with storage pouch. Colors include slip grip silver, shell and crumbled foil. Retail box.	15.00 0.25 0.11	9.82 9.52 8.77

FPF Fun Friends

427352 468391 498359

Fun Friends are leading the way with adorable characters that give new attitude to these otherwise dull products. Fun Friends are a perfect match for all who enjoy plush characters ranging from Funky the Monkey to Tadpole our Lime Green Frog.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **427352** 1 EACH	funphonefriend.com A-25 30 days	FunFriends phone cover. Daisy Flip- Jean	15.00 0.32 0.15	6.50 5.75 5.21
NEW **468391** 1 EACH	funphonefriend.com A-16 30 days	Fun Friends phone covers. Spotty Flip- Dalmation Dog	15.00 0.32 0.15	6.50 5.75 5.21
NEW **498359** 1 EACH	funphonefriend.com A-4 30 days	Fun Friends, Floppy flip-Golden Dog phone cover.	15.00 0.32 0.15	6.50 5.75 5.21

Chargers, Desk Top, Travel [305-60]

Motorola AC Travel Chargers

482196

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
482196 1 EACH	Motorola Inc. 98357/SPN4940 12 Month Limited	AC Travel Charger with folding blades. Retail box.	13.50 0.4 0.18	8.89 8.62 7.94

Motorola Desktop Chargers

490126

Original accessories... "from the people that made your phone(TM OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding custo You can trust the high quality and performance of original accesso

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
NEW **490126** 1 EACH	Motorola Inc. 98412 12 Month Limited	Dual pocket desktop charger with built-in clock. Data pass through permits easy synchronization with compatible PC or PDA. Requires travel charger (sku 482196).	62.50 0.5 0.23	3 3 3

Motorola FreeCharge Chargers

477318 495319

The Motorola FreeCharge(TM) is a unique, co nient energy source for mobile phones. A win handle provides power to a mobile phone wit AC/DC outlet required.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
NEW **477318** 1 EACH	Motorola Inc. 98418 12 Month Limited	FreeCharge(TM). Blue. Includes flashlight adapter and phone adapter module.	102.50 0.4 0.18	6 6 5
NEW **495319** 1 EACH	Motorola Inc. 98419 12 Month Limited	FreeCharge(TM). Yellow. Includes flashlight adapter and phone adapter module.	102.50 0.4 0.18	6 6 5

Cases for Portable Cellular Phones [310-10]

Motorola OEM Phone Cases

465308

Original accessories... "from the people that made your phone(TM)." OEMs desi manufacture accessories to match the specific requirements of their phones, sat the most demanding customer. You can trust the high quality and performance o nal accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)
NEW **465308** 1 EACH	Motorola Inc. 98376/SYN8791 12 Month Limited	Leather case with detachable, rotating belt clip. Fits slim 500 mAh battery only. Retail box. Black	20.00 0.3 0.14

Hands Free Kits, Mics, Headsets [262-09]

Motorola Clip-On Handsfree Speaker

417142

Original accessories... "from the people that made your phon OEMs design and manufacture accessories to match the spe requirements of their phones, satisfying the most demanding tomer. You can trust the high quality and performance of ori accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW **417142** 1 EACH	Motorola Inc. 98422/SPN5028 12 Month Limited	Desktop speaker. Attaches to phone or compatible desktop charger (TESSCO sku 490126). For use with GSM and TDMA phones only. Retail box.	60.00 0.25 0.11

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orola Self-Install Handsfree Kit

417390

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
V 90 H	Motorola Inc. 98413 12 Month Limited	Self-install handsfree car kit. Designed to fit most vehicle cup holders. Includes retractable phone and microphone cables and a 2-watt speaker. Charges phone battery to 90% capacity in four to six hours.	126.25 1.05 0.48	78.41 75.88 69.57

Headsets [262-10]

orola Hands-Free Headset

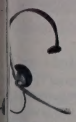
339 458101 486111 457331

444108

rola hands-free headsets allow private phone calls. Plug directly into the phone.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
V 39 H	Motorola Inc. SYN9350 12 Month Limited	Earbud headset with in-line microphone. Retail box.	12.50 0.15 0.07	8.27 8.02 7.39
01 H	Motorola Inc. 98328/SYN8908 12 Month Limited	Over-the-ear handsfree headset. Retail Box.	25.00 0.15 0.07	13.08 12.67 11.66
V 11 H	Motorola Inc. 98323/AAYN4264 12 Month Limited	Earbud headset with in-line microphone. Silver. Retail box.	12.50 0.15 0.07	8.27 8.02 7.39
V 31 H	Motorola Inc. SYN9351 12 Month Limited	One touch headset with answer/end button and noise canceling microphone. Retail Box.	17.00 0.25 0.11	11.06 10.72 9.87
08 H	Motorola Inc. 98310/SYN8609 12 Month Limited	FM stereo radio headset powered by phone's battery. Change stations via phone's navigation key. Store and recall nine stations using phone's keypad. Radio mutes automatically for incoming calls; simply press the button on the headset and start talking. Retail Box.	64.65 0.25 0.11	40.64 39.35 36.12

tronics Over-The-Head Headsets



36909

All Plantronics over-the-head wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
9 H	Plantronics M110 1 Year	Flexible headband on this over-the-head headset provides stability and comfort.	24.20 0.4 0.18	16.06 12.59 12.08

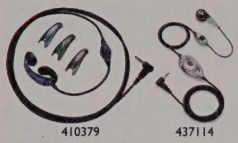
Plantronics Over-The-Ear Headsets

36981 32055

All Plantronics over-the-ear wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hard-wired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36981 1 EACH	Plantronics M124 1 Year	Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80 0.24 0.11	17.80 13.95 13.39
32055 1 EACH	Plantronics M130 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic-blue, blurple color.	29.50 0.22 0.1	19.59 15.36 14.73

Plantronics Discreet Earbud Headsets



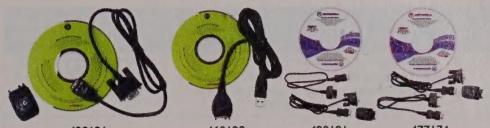
410379 437114

All Plantronics earbud headsets for wireless phones feature Flexfit(TM) design for increased stability, RF noise shielded cable, advanced speaker technology, and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **410379** 1 EACH	Plantronics MX100 1 Year	Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19.59 15.36 14.73
437114 1 EACH	Plantronics M205 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09	19.59 15.36 14.73

Data Interfaces for Portable Phones [260-12]

Motorola Data Connectivity Kit



438121 460128 490191 477174

Motorola Data Connectivity Kit allows the user to connect a wireless phone to a modem, enabling access to the internet, e-mail or fax. Just connect the cable to your laptop, desktop, or PDA. Install the software and make your connection.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
438121 1 EACH	Motorola Inc. 98320 1 Year	Multi-Connect serial data kit. Includes serial cable, CD-Rom and instructions. Compatible with Windows 98/NT4.0/2000/XP/ME.	87.50 0.6 0.27	54.34 52.59 48.22
460128 1 EACH	Motorola Inc. 98326 1 Year	USB data kit. Includes USB data cable, CD-Rom and instructions. Compatible with Windows 98/2000/XP/ME.	47.50 0.5 0.23	29.50 28.55 26.18
490191 1 EACH	Motorola Inc. 98321 1 Year	Multi-Connect Serial Kit for PALM III. Kit includes CE Bus RS232 data head, RS232 PC data cable, Motorola data connectivity solution CD, Palm III data cable and Motorola Com Center Manager CD. Windows operating system requirements: Windows 98, 98SE, NT4.0, 2000, ME and XP. Palm operating system requirements for Com Center Manager: Palm OS 3.3 or later. Motorola retail package.	140.00 0.62 0.28	86.94 84.14 77.14
477174 1 EACH	Motorola Inc. 98347 1 Year	Multi-Connect Serial Kit for Palm V. Kit includes CE Bus RS232 data head, RS232 PC data cable, Motorola data connectivity solution CD, Palm V data cable and Motorola Com Center Manager CD. Windows operating system requirements: Windows 98, 98SE, NT4.0, 2000, ME and XP. Palm operating system requirements for Com Center Manager: Palm OS 3.3 or later. Motorola retail package.	140.00 0.64 0.29	86.94 84.14 77.14

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Mounting Plates, Cradles, Holders [150-40]

UltiMount

28327

The UltiMount by Pro.Fit International secures any phone or car kit in any vehicle. It swivels, rotates and adjusts to virtually any position and installs in seconds with 3M acrylic foam tape. No tools are needed. Great for cars, trucks, RV's or boats. Designed for cell phones, two- way radios, handheld GPS units and PDA's. The complete system includes a swivel belt clip, Nokia button, round and oblong buttons and surface preparation supplies. Will also work with a case with a built-in belt clip. Premium trifold clam-shell package with a color insert card and complete instructions for installing and removing.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
28327 1 EACH	Pro.Fit International UL747 Lifetime	UltiMount	24.95 0.5 0.23	15.00 13.98 13.95

Compatible Phone Models

Motorola V70

If you do not see your pho model listed, please ca 800-955-9997.

Batteries for Portable Phones [270-10]

Motorola Portable Phone Batteries

416337

Original accessories... "from the people that made your phone(TM)." OEMs and manufacture accessories to match the specific requirements of their pho satisfying the most demanding customer. You can trust the high quality and pe mance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)
NEW **416337** 1 EACH	Motorola Inc. 98465/SNN5655 12 Month Limited	Slim internal battery. Retail box. Lilo 135-215 minutes DTT/70-145 hours DST	37.50 0.2 0.09

Vehicle Power Adapters [275-10]

Motorola (OEM) Vehicle Power Adapters

453147

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories match the specific requirements of their phones, satisfyin most demanding customer. You can trust the high quality performance of original accessories. These products are by directly plugging onto the phone without removing th tery. Provides power to the phone and charges the batte the same time.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
453147 1 EACH	Motorola Inc. 98307/SYN7818 12 Month Limited	Vehicle power adapter. Retail box.	25.00 0.25 0.11

Face Plates [311-10]

Motorola Interchangeable Bezels

439302

Original accessories... "from the people that made your phone(TM)." design and manufacture accessories to match the specific requirement their phones, satisfying the most demanding customer. You can trust th quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW **439302** 1 EACH	Motorola Inc. 98464/SYN9631 12 Month Limited	3-Pack of bezels with storage pouch and bezel grip pad for easy removal. Colors include honey glow, sable and satin. Retail box..	30.00 0.25 0.11

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Chargers, Desk Top, Travel [305-60]

orola AC Travel Chargers

82196

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
96 H	Motorola Inc. 98357/SPN4940 12 Month Limited	AC Travel Charger with folding blades. Retail box.	13.50 0.4 0.18	8.89 8.62 7.94

orola Desktop Chargers

476345 490126

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
/ 15 H	Motorola Inc. 98358/SPN5029 12 Month Limited	Adaptable dual pocket desktop charger. Built-in data port. Base and insert only. Requires travel charger (sku 482196).	37.50 0.75 0.34	23.79 23.04 21.17
/ 26 H	Motorola Inc. 98412 12 Month Limited	Dual pocket desktop charger with built-in clock. Data pass through permits easy synchronization with compatible PC or PDA. Requires travel charger (sku 482196).	62.50 0.5 0.23	38.82 37.57 34.44

orola FreeCharge Chargers

477318 495319

The Motorola FreeCharge(TM) is a unique, convenient energy source for mobile phones. A winding handle provides power to a mobile phone with no AC/DC outlet required.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
/ 18 H	Motorola Inc. 98418 12 Month Limited	FreeCharge(TM). Blue. Includes flashlight adapter and phone adapter module.	102.50 0.4 0.18	63.66 61.61 56.48
/ 19 H	Motorola Inc. 98419 12 Month Limited	FreeCharge(TM). Yellow. Includes flashlight adapter and phone adapter module.	102.50 0.4 0.18	63.66 61.61 56.48

Cases for Portable Cellular Phones [310-10]

Ize Holsters

The Stand-Up Phone Holster provides the ultimate in protection and usability for your phone. Durable Ballistic nylon protects from moisture and scratches, and a secure holstering mechanism ensures your phone will never leave your belt unintentionally

45
ble in three sizes: small, medium and large.
: sides expand to accomodate various phones
le pockets hold accessories
ble metal frame stands, hangs or attaches to
r and provides a hands-free workstation

- Security snap attaches securely to belt
- Open-ended design for CLA's, headset or other phone accessories

o. m	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
/ 45 H	Nite Ize SUMP-07-01 2 years	Medium holster. Phone must fit into 5 1/2L" x 3 1/8"W x 1 1/4D" pocket.	28.25 0.15 0.07	14.68 14.34 14.11

Nite Ize Protective Case

422375 424372 467363 482355

Boxit mobile phone case provides the ultimate protection for any environment.

- Molded polyurethane front and polycarbonate back protects phone from moisture, dirt, dust, and shock. Floats too!
- Includes two different lids to accomodate nearly every phone. Antenna extensions and plugs are included for nearly every style antenna.
- Hear and talk through flexible transparent face while a special waterproof Gore audio membrane enhances audibility and guarantees effective sound transmission
- Operates from -40F to +140F. Approved to IP45 and IP65

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 422375 1 EACH	Nite Ize NBX-07-01 2 years	BOXIT universal phone case. Onyx color	46.20 0.15 0.07	24.01 23.47 23.09
NEW 424372 1 EACH	Nite Ize NBX-07-04 2 years	BOXIT universal phone case. Crystal color.	46.20 0.15 0.07	24.01 23.47 23.09
NEW 467363 1 EACH	Nite Ize NBX-07-28 2 years	BOXIT universal phone case. Citron color.	46.20 0.15 0.07	24.01 23.47 23.09
NEW 482355 1 EACH	Nite Ize NBX-07-03 2 years	BOXIT universal phone case. Aqua color.	46.20 0.15 0.07	24.01 23.47 23.09

Hands Free Kits, Mics, Headsets [262-09]

Motorola Easy Install Handsfree Kits

420140

Motorola Easy Install Kits require no professional installation. These kits include 3-watt speaker, in-line microphone, rapid charging capability and clip-on attachment system to mount speaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
420140 1 EACH	Motorola Inc. 98308 1 Year	Easy Install ortable handsfree kit. 3-watt speaker. A Motorola Original battery will be charged 90% within one to three hours. Optional external microphone (SYN5708) sold separately.	81.25 0.72 0.33	50.46 48.84 44.77

Motorola Clip-On Handsfree Speaker

417142

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 417142 1 EACH	Motorola Inc. 98422/SPN5028 12 Month Limited	Desktop speaker. Attaches to phone or compatible desktop charger (TESSCO sku 490126). For use with GSM and TDMA phones only. Retail box.	60.00 0.25 0.11	37.76 36.56 33.56

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Motorola V70

Motorola Handsfree Car Kits

428123 497318

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
428123 1 EACH	Motorola Inc. S9610 1 Year	Pro-Install car kit. Mini-uhf male antenna connection. *Not full duplex. Hang up cups sold separately. Cups: v60(416368), v120(481139), 270(434103). 60t requires software upgrade to work with kit. Version 16.08.01 for Cingular customers, version 16.09 for AT&T customers.	125.00 2.2 1	77.63 75.13 68.88
NEW **497318** 1 EACH	Motorola Inc. SYN9306 1 Year	Hang up cup. For use with S9610 Pro-Install car kit. Bulk packaged.	42.00 0.45 0.2	41.92 40.57 37.20

Motorola Self-Install Handsfree Kit

417390

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **417390** 1 EACH	Motorola Inc. 98413 12 Month Limited	Self-install handsfree car kit. Designed to fit most vehicle cup holders. Includes retractable phone and microphone cables and a 2-watt speaker. Charges phone battery to 90% capacity in four to six hours.	126.25 1.05 0.48	78.41 75.88 69.57

Headsets [262-10]

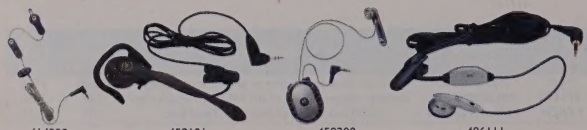
Bluetooth Headsets

435389

The Motorola Bluetooth headset provides a cordless connection to your mobile phone. Carry on handsfree conversation without the restriction of a cord.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **435389** 1 EACH	Jabra Corporation 100-91030000-02 1 Year	Freespeak Bluetooth Headset with 2.5mm headset jack.	179.95 0.45 0.2	143.06 123.09 114.99

Motorola Hands-Free Headset



414339 458101 458300 486111

423154 457331 444108

•Motorola hands-free headsets allow private phone calls. Plug directly into the phone.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **414339** 1 EACH	Motorola Inc. SYN9350 12 Month Limited	Earbud headset with in-line microphone. Retail box.	12.50 0.15 0.07	8.27 8.02 7.39

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	
458101 1 EACH	Motorola Inc. 98328/SYN8908 12 Month Limited	Over-the-ear handsfree headset. Retail Box.	25.00 0.15 0.07	
NEW **458300** 1 EACH	Motorola Inc. 98435/SYN9050 12 Month Limited	Motorola retractable headset. Retail Box.	21.90 0.1 0.05	
NEW **486111** 1 EACH	Motorola Inc. 98323/AAYN4264 12 Month Limited	Earbud headset with in-line microphone. Silver. Retail box.	12.50 0.15 0.07	
423154 1 EACH	Motorola Inc. 98196/SYN8284 12 Month Limited	Motorola retractable in-ear headset. Retail Box.	21.90 0.1 0.05	
NEW **457331** 1 EACH	Motorola Inc. SYN9351 12 Month Limited	One touch headset with answer/end button and noise canceling microphone. Retail Box.	17.00 0.25 0.11	
444108 1 EACH	Motorola Inc. 98310/SYN8609 12 Month Limited	FM stereo radio headset powered by phone's battery. Change stations via phone's navigation key. Store and recall nine stations using phone's keypad. Radio mutes automatically for incoming calls; simply press the button on the headset and start talking. Retail Box.	64.65 0.25 0.11	

Plantronics Over-The-Head Headsets

36909 36926

All Plantronics over-the-head wireless phone headsets f a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch clothing clip. The 2.5mm plug connects directly into the set port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
36909 1 EACH	Plantronics M110 1 Year	Flexible headband on this over-the-head headset provides stability and comfort.	24.20 0.4 0.18
36926 1 EACH	Plantronics M114 1 Year	Flexible headband on this over-the-head style headset provides stability and comfort. Includes in-line volume control.	26.80 0.4 0.18

Plantronics Over-The-Ear Headsets

36954 36981 32055 497082

All Plantronics over-the-ear wireless phone headsets feature a noise-cancelling microph noise shielded cable, advanced speaker technology, microphone-adjust switch and a clo clip. Available in a standard 2.5mm plug or hard-wired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
36954 1 EACH	Plantronics M120 1 Year	Lightweight comfort in an over-the-ear style headset.	24.20 0.25 0.11
36981 1 EACH	Plantronics M124 1 Year	Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80 0.24 0.11
32055 1 EACH	Plantronics M130 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic-blue, blurple color.	29.50 0.22 0.1
NEW **433174** 1 EACH	Plantronics M135/BLUE 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, blurple color. Includes in-line volume and mute controls.	35.10 0.25 0.11
497082 1 EACH	Plantronics M135/ESPRESSO 1 Year	Superior comfort and sleek design in this over-the-ear headset. Espresso color. Includes in-line volume and mute controls.	35.10 0.25 0.11

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tronics In-The-Ear Headsets

All Plantronics in-the-ear boom-style wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

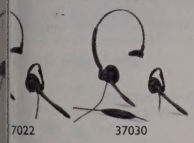
o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
0 H	Plantronics M140/CHARCOAL 1 Year	Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11	24.31 19.06 18.28
V 22 H	Plantronics M140/SILVER 1 Year	Ultra-light comfort with this in-the-ear style headset. Silver color.	36.60 0.25 0.11	24.31 19.06 18.28
4 H	Plantronics M145 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11	28.22 22.12 21.22

tronics Discreet Earbud Headsets

All Plantronics earbud headsets for wireless phones feature Flexfit(TM) design for increased stability, RF noise shielded cable, advanced speaker technology, and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
/ 9 H	Plantronics MX100 1 Year	Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19.59 15.36 14.73
4 H	Plantronics M205 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09	19.59 15.36 14.73

tronics Convertible Headsets



All Plantronics convertible style wireless phone headsets feature a noise-canceling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
2 H	Plantronics M170 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18	31.25 24.50 23.50
0 H	Plantronics M175 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22	35.16 27.57 26.44

tronics Cordless Headsets

Cut the Cord(TM) with Bluetooth(TM) wireless headsets from Plantronics. All Plantronics over-the-ear cordless headsets feature an adjustable noice cancelling microphone, volume/mute control and answer/end button. High-capacity rechargeable batteries provide up to 2.5 hours of talk time and 60 hours of standby.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
/ 3 H	Plantronics M1500 BLUE-TOOTH 1 Year	Bluetooth headset. Over-the-ear style with answer/end button and volume/mute control. Includes Bluetooth adapter, AC adapter and rechargeable battery. Bluetooth version 1.1.	250.70 0.25 0.11	166.67 130.67 125.34

Data Interfaces for Portable Phones [260-12]

Motorola Data Cables

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
447167 1 EACH	Motorola Inc. S9141 1 Year	Serial Data Cable, only. Bulk packaged.	50.00 0.35 0.16	31.05 30.05 27.55
454166 1 EACH	Motorola Inc. SKN6311 1 Year	USB Data Cable, only. Bulk packaged.	30.00 0.35 0.16	18.63 18.03 16.53
NEW **456190** 1 EACH	Motorola Inc. S9618A 1 Year	iPAQ cable and head for iPAQ 3135, 3150, 3635, 3650, 3670, 3760, 3765.	69.40 0.2 0.09	43.09 41.70 38.23
NEW **417368** 1 EACH	Motorola Inc. S9908 1 Year	iPAQ cable and head for the 3800 series. Bulk packaged.	69.40 0.2 0.09	43.09 41.70 38.23

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Motorola i30sx

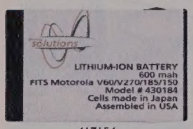
Compatible Phone Models:

Motorola i30sx

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

Wireless Solutions Batteries



417154

- High Quality, Great Value
- Attractive retail packaging that promotes self selection and consumer education
- Available with merchandising system that drives multiple and repeat purchases to improve overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 417154 1 EACH	Wireless Solutions 430184U Lifetime	Replacement Battery Black 600 mAh Lilo 1 to 4 hours DTT/1 to 3 days DST	30.55 0.4 0.18	21.52 17.51 15.76

Vehicle Power Adapters [275-10]

Motorola (OEM) Vehicle Power Adapters

453147

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories. These products are used by directly plugging onto the phone without removing the battery. Provides power to the phone and charges the battery at the same time.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
453147 1 EACH	Motorola Inc. 98307/SYN7818 12 Month Limited	Vehicle power adapter. Retail box.	25.00 0.25 0.11	8.27 8.02 7.39

Wireless Solutions Vehicle Power Adapter

416141

Wireless Solutions Vehicle adapters are a great value, and high quality. Quality tested cable returns to original shape after multiple stretches. Attractive retail packaging.

- Variable rate charging for safety & convenience (no overcharging)
- Enough current to make a call with a discharged battery
- Attractive retail packaging that promotes self selection and consumer education
- Available with revolutionary merchandising system that drives multiple and repeat purchase to improve overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
416141 1 EACH	Wireless Solutions 463164U Lifetime	Vehicle Power Adapter. Retail Packaged.	23.00 0.4 0.18	7.24 5.91 4.60

Chargers, Desk Top, Travel [305-60]

Wireless Solutions Travel Charger

418198

- Plugs into any 110 volt outlet
- Use your phone while it is charging
- Charges "lite" batteries up to 90% capacity in about 5 hours
- Charges extra capacity batteries in about 10-1 hours
- Attractive retail packaging that promotes self tion and consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
418198 1 EACH	Wireless Solutions 466135U 1 Year	Travel Charger	14.50 0.4 0.18

Cases for Portable Cellular Phones [310-10]

Wireless Solutions Cases

- High quality leather
- Nylon stitching
- Leather covered rust resistant spring clip
- Mylar plastic that will not yellow or crack
- Environmentally tested to ensure durability
- Attractive retail packaging that promotes self tionand consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)
NEW 454354 1 EACH	Wireless Solutions 462369U 1 Year	Leather case with built-in swivel and belt clip. Retail packaged. Black	11.60 0.4 0.18

Wireless Solutions Phone Holsters

421313

- Phone Holster can ratchet 180 degrees.
- Phone sits firmly in place inside of holster.
- Holster is manufactured with high-impact pla

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)
NEW 421313 1 EACH	Wireless Solutions 476355U 1 Year	Ratcheting Phone Holster Black	7.75 0.3 0.14

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e Ize Holsters

The Stand-Up Phone Holster provides the ultimate in protection and usability for your phone. Durable Ballistic nylon protects from moisture and scratches, and a secure holstering mechanism ensures your phone will never leave your belt unintentionally

- able in three sizes: small, medium and large. ic sides expand to accomodate various phones iple pockets hold accessories
- iable metal frame stands, hangs or attaches to ter and provides a hands-free workstation
- Security snap attaches securely to belt
- Open-ended design for CLA's, headset or other phone accessories

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
/V 377 CH	Nite Ize SULP-07-01 2 years	Large holster. Phone must fit into 5 1/2L" x 3 1/8"W x 2 1/4D" pocket.	28.25 0.15 0.07	14.68 14.34 14.11

Waterproof Cases, Belt Clips [310-60]

reless Solutions Beltclips

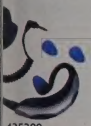
754 413338

Belt clips designed to conveniently snap onto the phone to securely hold it in place. Holds the phone without the need for a leather carry case.

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
54 CH	Wireless Solutions 30754 Lifetime	Universal Belt Clip includes three different swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21
/V 38 CH	Wireless Solutions 458379U Lifetime	Universal Belt Clip includes two swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21

Headsets [262-10]

etooth Headsets



435389

The Motorola Bluetooth headset provides a cordless connection to your mobile phone. Carry on handsfree conversation without the restriction of a cord.

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
/V 89 CH	Jabra Corporation 100-91030000-02 1 Year	Freespeak Bluetooth Headset with 2.5mm headset jack.	179.95 0.45 0.2	143.06 123.09 114.99

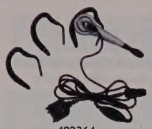
a EarBoom Headset

382

"Fits-your-face," flexible mini-boom is comfortable and non-intrusive. For those who need to talk and listen "on the move." The custom-fit EarGel channels sound into your ear for great reception.

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
/V 82 CH	Jabra Corporation EMNEXTELI50302 1 Year	Push-to-talk Earboom	31.35 0.3 0.14	17.86 15.67 15.36

Jabra EarWrap Headset

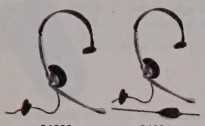


492364

The JABRA EarWrap: noise-canceling mic, sleek, lightweight design, colorful accessories. Choose from snap-on boom covers and flex-forming ear wraps in sleek tones of silver, blue and yellow.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 492364 1 EACH	Jabra Corporation EWNEXTELI50302 1 Year	Push-to-Talk Earwrap	38.50 0.4 0.18	21.93 19.23 18.85

Plantronics Over-The-Head Headsets

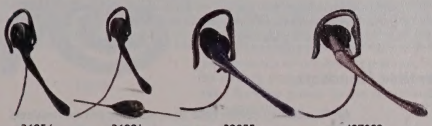


36909 36926

All Plantronics over-the-head wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36909 1 EACH	Plantronics M110 1 Year	Flexible headband on this over-the-head headset provides stability and comfort.	24.20 0.4 0.18	16.06 12.59 12.08
36926 1 EACH	Plantronics M114 1 Year	Flexible headband on this over-the-head style headset provides stability and comfort. Includes in-line volume control.	26.80 0.4 0.18	17.80 13.95 13.39

Plantronics Over-The-Ear Headsets



36954 36981 32055 497082

All Plantronics over-the-ear wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hard-wired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36954 1 EACH	Plantronics M120 1 Year	Lightweight comfort in an over-the-ear style headset.	24.20 0.25 0.11	16.06 12.59 12.08
36981 1 EACH	Plantronics M124 1 Year	Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80 0.24 0.11	17.80 13.95 13.39
32055 1 EACH	Plantronics M130 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic-blue, blurple color.	29.50 0.22 0.1	19.59 15.36 14.73
NEW 433174 1 EACH	Plantronics M135/BLUE 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, blurple color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55
497082 1 EACH	Plantronics M135/ESPRESSO 1 Year	Superior comfort and sleek design in this over-the-ear headset. Espresso color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55

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Motorola i30sx

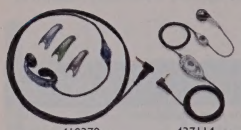
Plantronics In-The-Ear Headsets

37000 37004

All Plantronics in-the-ear boom-style wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37000 1 EACH	Plantronics M140/CHARCOAL 1 Year	Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11	24.31 19.06 18.28
NEW 467122 1 EACH	Plantronics M140/SILVER 1 Year	Ultra-light comfort with this in-the-ear style headset. Silver color.	36.60 0.25 0.11	24.31 19.06 18.28
37004 1 EACH	Plantronics M145 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11	28.22 22.12 21.22

Plantronics Discreet Earbud Headsets

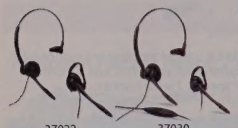


410379 437114

All Plantronics earbud headsets for wireless phones feature Flexfit(TM) design for increased stability, RF noise shielded cable, advanced speaker technology, and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 410379 1 EACH	Plantronics MX100 1 Year	Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19.59 15.36 14.73
437114 1 EACH	Plantronics M205 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09	19.59 15.36 14.73

Plantronics Convertible Headsets



37022 37030

All Plantronics convertible style wireless phone headsets feature a noise-canceling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37022 1 EACH	Plantronics M170 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18	31.25 24.50 23.50
37030 1 EACH	Plantronics M175 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22	35.16 27.57 26.44

Plantronics Cordless Headsets

467353

Cut the Cord(TM) with Bluetooth(TM) wireless headsets from Plantronics. All Plantronics over-the-ear cordless headsets feature an adjustable noice cancelling microphone, volume/mute control and answer/end button. High-capacity rechargeable batteries provide up to 2.5 hours of talk time and 60 hours of standby.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 467353 1 EACH	Plantronics M1500 BLUE-TOOTH 1 Year	Bluetooth headset. Over-the-ear style with answer/end button and volume/mute control. Includes Bluetooth adapter, AC adapter and rechargeable battery. Bluetooth version 1.1.	250.70 0.25 0.11	166.67 130.67 125.34

Wireless Solutions 2.5mm Earwrap

460165

The Wireless Solutions EarWrap: noise-canceling mic, sleek, lightwei design, colorful accessories. Choose from snap-on boom covers and forming ear wraps in sleek tones of silver, blue and yellow.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
460165 1 EACH	Wireless Solutions 466053U Lifetime	Earwrap with colored faceplates and 2.5mm connector.	27.50 0.4 0.18

Wireless Solutions EarBoom Headset

424099

Wireless Solutions In The Ear headset features a boom mic. Comfortable. Provid mic sound as well as in the ear speaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
424099 1 EACH	Wireless Solutions 484028U Lifetime	Earboom Headset with 2.5mm jack. Includes six eargels.	31.00 0.3 0.14

Wireless Solutions EarBud Headset

445052

The Wireless Soluitons EarBud is the most cost-effective, solution fo mobile phone users wanting a hands-free alternative at a value price EarBud integrates the microphone as part of the cable leading from to the phone. Its improved circuitry eliminates the buzz often found lower quality solutions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
445052 1 EACH	Wireless Solutions 438045U Lifetime	Earbud Headset with 2.5mm jack. Includes six eargels.	27.00 0.3 0.14

NEW = New Listing. Pricing for refere See TESSCO.com for latest pricing and Copyright 2003 all rights reserved.

Compatible Phone Models:

Motorola 150SX

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

rola Portable Phone Batteries

410133

494156

416163

445066

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

n	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
3	Motorola Inc.	Slim internal battery. Retail box.	42.50	26.90
H	98338/SNN5717	500 mAh Lilo 150 minutes TT/150 hours ST	0.2	26.05
	12 Month Limited		0.09	23.92
6	Motorola Inc.	High performance battery. Retail box.	42.50	26.90
H	98317/SNN5705	800 mAh Lilo 235 minutes DTT/225 hours DST	0.2	26.05
	12 Month Limited		0.09	23.92
	Motorola Inc.	Replacement extra capacity battery. Door not included.	45.00	28.45
3	SNN5706	Retail box.	0.23	27.55
H	12 Month Limited	1100 mAh Lilo	0.1	25.30
6	Motorola Inc.	Maximum capacity replacement battery. Black	73.40	45.51
H	SNN5716	1300 mAh Lilo.	0.25	44.04
	1 Year		0.11	40.37

less Solutions Batteries

417154

Quality, Great Value

- Available with merchandising system that drives multiple and repeat purchases to improve overall profitability

tive retail packaging that promotes self selec-
nd consumer education

o. m	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
	Wireless Solutions	Replacement Battery Black	30.55	21.52
4	430184U	600 mAh Lilo 1 to 4 hours DTT/1 to 3 days DST	0.4	17.51
H	Lifetime		0.18	15.76

Multiplier Cellular Batteries

Multiplier products have long been recognized as "professional quality". All products are manufactured in the United States and tested prior to leaving the factory.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Multiplier	Replacement Battery Black	41.00	21.00
431161	M1795	850 mAh Lilo	0.3	20.71
1 EACH	18 mo.		0.14	20.48
NEW	Multiplier	Replacement Battery Black	48.80	25.00
478138	M1795X	1400 mAh Lilo	0.3	24.65
1 EACH	18 mo.		0.14	24.38

iDEN Battery Doors

410127

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
410127	Motorola Inc.	Extra capacity battery door/cover	5.50	3.39
1 EACH	NTN9346	N/A	0.25	3.28
	1 Year		0.11	3.01

Vehicle Power Adapters [275-10]

Motorola (OEM) Vehicle Power Adapters

453147

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories. These products are used by directly plugging onto the phone without removing the battery. Provides power to the phone and charges the battery at the same time.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
453147	Motorola Inc.	Vehicle power adapter. Retail box.	25.00	8.27
1 EACH	98307/SYN7818		0.25	8.02
	12 Month Limited		0.11	7.39

Wireless Solutions Vehicle Power Adapter

416141

Wireless Solutions Vehicle adapters are a great value, and high quality. Quality tested cable returns to original shape after multiple stretches. Attractive retail packaging.

- Variable rate charging for safety & convenience (no overcharging)
- Enough current to make a call with a discharged battery
- Attractive retail packaging that promotes self selection and consumer education
- Available with revolutionary merchandising system that drives multiple and repeat purchase to improve overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
416141	Wireless Solutions	Vehicle Power Adapter. Retail Packaged.	23.00	7.24
1 EACH	463164U		0.4	5.91
	Lifetime		0.18	4.60

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Motorola i50sx

Face Plates [311-10]

Motorola i50sx Faceplates

470045 442095

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
470045 1 EACH	Motorola Inc. NTN9780 1 Year	Black Interchangeable Keypad	9.15 0.25 0.11	5.69 5.50 5.05
442095 1 EACH	Motorola Inc. NTN9781 1 Year	Silver Interchangeable Keypad	9.15 0.25 0.11	5.69 5.50 5.05

Chargers, Desk Top, Travel [305-60]

Motorola AC Travel Chargers

482196

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
482196 1 EACH	Motorola Inc. 98357/SPN4940 12 Month Limited	AC Travel Charger with folding blades. Retail box.	13.50 0.4 0.18	8.89 8.62 7.94

Motorola iDEN Charger

483071

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
483071 1 EACH	Motorola Inc. NTN9568 1 Year	Dual Port Desktop Charger. Requires power supply for use (TESSCO sku 453382)..	65.80 1 0.45	40.86 39.54 36.25

Wireless Solutions Travel Charger

418198

- Plugs into any 110 volt outlet
- Use your phone while it is charging
- Charges "lite" batteries up to 90% capacity in about 5 hours
- Charges extra capacity batteries in about 10-12 hours
- Attractive retail packaging that promotes self selection and consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
418198 1 EACH	Wireless Solutions 466135U 1 Year	Travel Charger	14.50 0.4 0.18	10.31 8.30 6.30

Cases for Portable Cellular Phones [310-10]

Motorola Leather Cases

478035

Original accessories... "from the people that made your phone(TM)." OEMs de and manufacture accessories to match the specific requirements of their phon isfying the most demanding customer. You can trust the high quality and perfor of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)
478035 1 EACH	Motorola Inc. NTN9804 1 Year	Leather Case with plastic over phone display only. Black	15.05 0.1 0.05

Motorola Belt Clips & Holsters

413079 411080

Original accessories... "from the people that made your phone(TM) OEMs design and manufacture accessories to match the specific re ments of their phones, satisfying the most demanding customer. You trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)
413079 1 EACH	Motorola Inc. NTN9475 1 Year	Belt Carry System. Includes phone clip and beltclip. Black	9.15 0.05 0.02
411080 1 EACH	Motorola Inc. NTN9544 1 Year	Belt clip for use with NTN9478 leather case and NTN9804 leather case.. Black	5.45 0.3 0.14

Wireless Solutions Cases

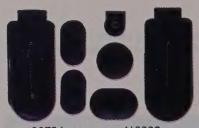
424180

- High quality leather
- Nylon stitching
- Leather covered rust resistant spring clip
- Mylar plastic that will not yellow or crack
- Environmentally tested to ensure durability
- Attractive retail packaging that promotes sel tionand consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)
424180 1 EACH	Wireless Solutions 485144U Lifetime	Leather case with built-in swivel and belt clip. Retail packaged. Black	11.60 0.4 0.18

Waterproof Cases, Belt Clips [310-60]

Wireless Solutions Beltclips



30754 413338

Belt clips designed to conveniently snap onto the phone securely hold it in place. Holds the phone without the ne leather carry case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)
30754 1 EACH	Wireless Solutions 30754 Lifetime	Universal Belt Clip includes three different swivels with 3M adhesive. Black	6.80 0.18 0.08
NEW 413338 1 EACH	Wireless Solutions 458379U Lifetime	Universal Belt Clip includes two swivels with 3M adhesive. Black	6.80 0.18 0.08

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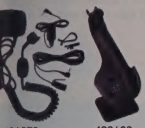
Hands Free Kits, Mics, Headsets [262-09]

orola iDEN Handsfree Car Kits



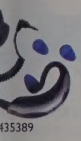
431073 489192

Motorola iDEN Handsfree Car Kits.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
73 H	Motorola Inc. NTN1796 1 Year	Easy Install handsfree car kit	169.50 3 1.36	105.25 101.86 93.39
92 H	Motorola Inc. NTN9476 N/A	Dash mount holder	22.45 0.21 0.1	13.92 13.47 12.35

Headsets [262-10]

tooth Headsets



435389

The Motorola Bluetooth headset provides a cordless connection to your mobile phone. Carry on handsfree conversation without the restriction of a cord.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
19 H	Jabra Corporation 100-91030000-02 1 Year	Freespeak Bluetooth Headset with 2.5mm headset jack.	179.95 0.45 0.2	143.06 123.09 114.99

a EarBoom Headset

382

"Fits-your-face," flexible mini-boom is comfortable and non-intrusive. For those who need to talk and listen "on the move." The custom-fit EarGel channels sound into your ear for great reception.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
2 H	Jabra Corporation EMNEXTELI50302 1 Year	Push-to-talk Earboom	31.35 0.3 0.14	17.86 15.67 15.36

a EarBud Headset

81060

The JABRA EarBud is the most cost-effective, JABRA solution for mobile phone users wanting a hands-free alternative at a value price. The JABRA EarBud uses the patented EarGel for a secure fit and contemporary styling. Unlike the EarSet and Ear Boom solutions, the EarBud integrates the microphone as part of the cable leading from the ear to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
0 H	Jabra Corporation EB2.5MM302 1 Year	2.5mm EarBud with three EarGels	19.95 0.25 0.11	11.38 9.98 9.78

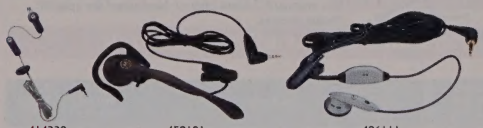
Jabra EarWrap Headset

492364

The JABRA EarWrap: noise-canceling mic, sleek, lightweight design, colorful accessories. Choose from snap-on boom covers and flex-forming ear wraps in sleek tones of silver, blue and yellow.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 492364 1 EACH	Jabra Corporation EWNEXTELI50302 1 Year	Push-to-Talk Earwrap	38.50 0.4 0.18	21.93 19.23 18.85

Motorola Hands-Free Headset

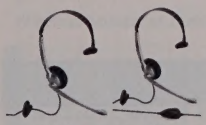


414339 458101 486111

• Motorola hands-free headsets allow private phone calls. Plug directly into the phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 414339 1 EACH	Motorola Inc. SYN9350 12 Month Limited	Earbud headset with in-line microphone. Retail box.	12.50 0.15 0.07	8.27 8.02 7.39
458101 1 EACH	Motorola Inc. 98328/SYN8908 12 Month Limited	Over-the-ear handsfree headset. Retail Box.	25.00 0.15 0.07	13.08 12.67 11.66
NEW 486111 1 EACH	Motorola Inc. 98323/AAYN4264 12 Month Limited	Earbud headset with in-line microphone. Silver. Retail box.	12.50 0.15 0.07	8.27 8.02 7.39

Plantronics Over-The-Head Headsets



36909 36926

All Plantronics over-the-head wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36909 1 EACH	Plantronics M110 1 Year	Flexible headband on this over-the-head headset provides stability and comfort.	24.20 0.4 0.18	16.06 12.59 12.08
36926 1 EACH	Plantronics M114 1 Year	Flexible headband on this over-the-head style headset provides stability and comfort. Includes in-line volume control.	26.80 0.4 0.18	17.80 13.95 13.39

Plantronics Over-The-Ear Headsets

36954 36981 32055 497082

All Plantronics over-the-ear wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hard-wired for specific Nokia phones.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36954 1 EACH	Plantronics M120 1 Year	Lightweight comfort in an over-the-ear style headset.	24.20 0.25 0.11	16.06 12.59 12.08
36981 1 EACH	Plantronics M124 1 Year	Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80 0.24 0.11	17.80 13.95 13.39

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Motorola i50sx

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
32055 1 EACH	Plantronics M130 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic-blue, blurple color.	29.50 0.22 0.1	19.59 15.36 14.73
NEW 433174 1 EACH	Plantronics M135/BLUE 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, blurple color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55
497082 1 EACH	Plantronics M135/ESPRESSO 1 Year	Superior comfort and sleek design in this over-the-ear headset. Espresso color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55

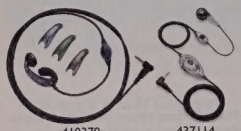
Plantronics In-The-Ear Headsets

37000 37004

All Plantronics in-the-ear boom-style wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37000 1 EACH	Plantronics M140/CHARCOAL 1 Year	Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11	24.31 19.06 18.28
NEW 467122 1 EACH	Plantronics M140/SILVER 1 Year	Ultra-light comfort with this in-the-ear style headset. Silver color.	36.60 0.25 0.11	24.31 19.06 18.28
37004 1 EACH	Plantronics M145 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11	28.22 22.12 21.22

Plantronics Discreet Earbud Headsets

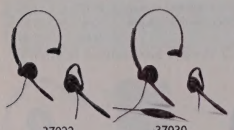


410379 437114

All Plantronics earbud headsets for wireless phones feature Flexfit(TM) design for increased stability, RF noise shielded cable, advanced speaker technology, and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 410379 1 EACH	Plantronics MX100 1 Year	Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19.59 15.36 14.73
437114 1 EACH	Plantronics M205 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09	19.59 15.36 14.73

Plantronics Convertible Headsets



37022 37030

All Plantronics convertible style wireless phone headsets feature a noise-canceling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37022 1 EACH	Plantronics M170 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18	31.25 24.50 23.50
37030 1 EACH	Plantronics M175 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22	35.16 27.57 26.44

Plantronics Cordless Headsets

467353

Cut the Cord(TM) with Bluetooth(TM) wireless headsets from Plantronics Plantronics over-the-ear cordless headsets feature an adjustable noice can microphone, volume/mute control and answer/end button. High-capacity rechargeable batteries provide up to 2.5 hours of talk time and 60 hours o standby.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
NEW 467353 1 EACH	Plantronics M1500 BLUE-TOOTH 1 Year	Bluetooth headset. Over-the-ear style with answer/end button and volume/mute control. Includes Bluetooth adapter, AC adapter and rechargeable battery. Bluetooth version 1.1.	250.70 0.25 0.11	1 1 1

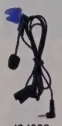
Wireless Solutions 2.5mm Earwrap

460165

The Wireless Solutions EarWrap: noise-canceling mic, sleek, lightwei design, colorful accessories. Choose from snap-on boom covers and forming ear wraps in sleek tones of silver, blue and yellow.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
460165 1 EACH	Wireless Solutions 466053U Lifetime	Earwrap with colored faceplates and 2.5mm connector.	27.50 0.4 0.18

Wireless Solutions EarBoom Headset



424099

Wireless Solutions In The Ear headset features a boom mic. Comfortable. Provid mic sound as well as in the ear speaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
424099 1 EACH	Wireless Solutions 484028U Lifetime	Earboom Headset with 2.5mm jack. Includes six eargels.	31.00 0.3 0.14

Wireless Solutions EarBud Headset

445052

The Wireless Soluitons EarBud is the most cost-effective, solution fo mobile phone users wanting a hands-free alternative at a value price EarBud integrates the microphone as part of the cable leading from to the phone. Its improved circuitry eliminates the buzz often found lower quality solutions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
445052 1 EACH	Wireless Solutions 438045U Lifetime	Earbud Headset with 2.5mm jack. Includes six eargels.	27.00 0.3 0.14

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Portable Cellular Phone Accessory Kit [262-50]

eless Solutions Starter Kits

les leather case and vehicle power adapter. Wireless Solutions Retail Package.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
73 H	Wireless Solutions 411149U Lifetime	Starter Kit - Open face leather case with swivel and beltclip, VPA.	33.00 0.5 0.23	13.90 11.92 9.90

Data Interfaces for Portable Phones [260-12]

orola Data Cables

12079 490089 476039 464053

nal accessories... "from the people that made your phone(TM)." OEMs design and manu-re accessories to match the specific requirements of their phones, satisfying the most nding customer. You can trust the high quality and performance of original accessories.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
79 H	Motorola Inc. NKN6546 1 Year	Convertor Plug connects phone to a Palm III or VII PDA.	10.75 0.35 0.16	6.67 6.45 5.92
39 H	Motorola Inc. NKN6547 1 Year	Convertor Plug connects phone to a Palm V PDA.	13.55 0.35 0.16	8.41 8.14 7.46
49 H	Motorola Inc. NKN6544 1 Year	Data Cable connects phone to a PC.	52.95 0.14 0.06	32.87 31.81 29.16
53 H	Motorola Inc. NKN6540 1 Year	"Y" Cable connects phone to Motorola audio accessories or Handsfree Kits for simultaneous data operation..	68.65 0.35 0.16	42.64 41.26 37.83

Digital Organizers [260-30]

orola Portable Keyboards

483109

Motorola portable keyboards provide a convenient solution to typing text and commands quickly and easily into a phone.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
09 H	Motorola Inc. NTN9712 1 Year	Portable keyboard with neoprene case and manual. Connects to bottom of phone and allows easy text entry.	181.70 1.5 0.68	112.65 109.01 99.93

Compatible Phone Models:

Motorola 155SR

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

Motorola Portable Phone Batteries

410133

494156

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
410133 1 EACH	Motorola Inc. 98338/SNN5717 12 Month Limited	Slim internal battery. Retail box. 500 mAh Lilo 150 minutes TT/150 hours ST	42.50 0.2 0.09	26.90 26.05 23.92
494156 1 EACH	Motorola Inc. 98317/SNN5705 12 Month Limited	High performance battery. Retail box. 800 mAh Lilo 235 minutes DTT/225 hours DST	42.50 0.2 0.09	26.90 26.05 23.92

Wireless Solutions Batteries

417154

- High Quality, Great Value
- Attractive retail packaging that promotes self selection and consumer education
- Available with merchandising system that drives multiple and repeat purchases to improve overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 417154 1 EACH	Wireless Solutions 430184U Lifetime	Replacement Battery Black 600 mAh Lilo 1 to 4 hours DTT/1 to 3 days DST	30.55 0.4 0.18	21.52 17.51 15.76

Multiplier Cellular Batteries

Multiplier products have long been recognized as "professional quality". All products are manufactured in the United States and tested prior to leaving the factory.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 431161 1 EACH	Multiplier M1795 18 mo.	Replacement Battery Black 850 mAh Lilo	41.00 0.3 0.14	21.00 20.71 20.48
NEW 478138 1 EACH	Multiplier M1795X 18 mo.	Replacement Battery Black 1400 mAh Lilo	48.80 0.3 0.14	25.00 24.65 24.38

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Motorola i55sr

Vehicle Power Adapters [275-10]

Motorola (OEM) Vehicle Power Adapters

453147

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories. These products are used by directly plugging onto the phone without removing the battery. Provides power to the phone and charges the battery at the same time.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
453147 1 EACH	Motorola Inc. 98307/SYN7818 12 Month Limited	Vehicle power adapter. Retail box.	25.00 0.25 0.11	8.27 8.02 7.39

Wireless Solutions Vehicle Power Adapter

416141

Wireless Solutions Vehicle adapters are a great value, and high quality. Quality tested cable returns to original shape after multiple stretches. Attractive retail packaging.

- Variable rate charging for safety & convenience (no overcharging)
- Enough current to make a call with a discharged battery
- Attractive retail packaging that promotes self selection and consumer education
- Available with revolutionary merchandising system that drives multiple and repeat purchase to improve overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
416141 1 EACH	Wireless Solutions 463164U Lifetime	Vehicle Power Adapter. Retail Packaged.	23.00 0.4 0.18	7.24 5.91 4.60

Chargers, Desk Top, Travel [305-60]

Motorola AC Travel Chargers

482196

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
482196 1 EACH	Motorola Inc. 98357/SPN4940 12 Month Limited	AC Travel Charger with folding blades. Retail box.	13.50 0.4 0.18	8.89 8.62 7.94

Wireless Solutions Travel Charger

418198

- Plugs into any 110 volt outlet
- Use your phone while it is charging
- Charges "lite" batteries up to 90% capacity in about 5 hours
- Charges extra capacity batteries in about 10-12 hours
- Attractive retail packaging that promotes self selection and consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
418198 1 EACH	Wireless Solutions 466135U 1 Year	Travel Charger	14.50 0.4 0.18	10.31 8.30 6.30

Waterproof Cases, Belt Clips [310-60]

Wireless Solutions Beltclips

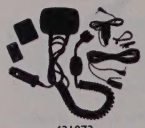
30754 413338

Belt clips designed to conveniently snap onto the phone to securely hold it in place. Holds the phone without the need leather carry case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
30754 1 EACH	Wireless Solutions 30754 Lifetime	Universal Belt Clip includes three different swivels with 3M adhesive. Black	6.80 0.18 0.08	4 3 3
NEW **413338** 1 EACH	Wireless Solutions 458379U Lifetime	Universal Belt Clip includes two swivels with 3M adhesive. Black	6.80 0.18 0.08	4 3 3

Hands Free Kits, Mics, Headsets [262-09]

Motorola iDEN Handsfree Car Kits



431073

Motorola iDEN Handsfree Car Kits.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
431073 1 EACH	Motorola Inc. NTN1796 1 Year	Easy Install handsfree car kit	169.50 3 1.36	1 1 9

Headsets [262-10]

Bluetooth Headsets

435389

The Motorola Bluetooth headset provides a cordless connection to mobile phone. Carry on handsfree conversation without the restrict a cord.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW **435389** 1 EACH	Jabra Corporation 100-91030000-02 1 Year	Freespeak Bluetooth Headset with 2.5mm headset jack.	179.95 0.45 0.2

Jabra EarBoom Headset

472382

"Fits-your-face," flexible mini-boom is comfortable and non-intrusive. For who need to talk and listen "on the move." The custom-fit EarGel channels into your ear for great reception.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW **472382** 1 EACH	Jabra Corporation EMNEXTELI50302 1 Year	Push-to-talk Earboom	31.35 0.3 0.14

NEW = New Listing. Pricing for referen See TESSCO.com for latest pricing and Copyright 2003 all rights reserved.

EarWrap Headset

492364

The JABRA EarWrap: noise-canceling mic, sleek, lightweight design, colorful accessories. Choose from snap-on boom covers and flex-forming ear wraps in sleek tones of silver, blue and yellow.

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
4	Jabra Corporation EWNEXTELI50302 1 Year	Push-to-Talk Earwrap	38.50 0.4 0.18	21.93 19.23 18.85

ronics Over-The-Head Headsets

909 36926

All Plantronics over-the-head wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1	Plantronics M110 1 Year	Flexible headband on this over-the-head headset provides stability and comfort.	24.20 0.4 0.18	16.06 12.59 12.08
1	Plantronics M114 1 Year	Flexible headband on this over-the-head style headset provides stability and comfort. Includes in-line volume control.	26.80 0.4 0.18	17.80 13.95 13.39

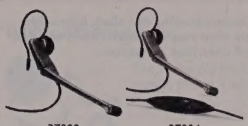
ronics Over-The-Ear Headsets

36981 32055 497082

ntronics over-the-ear wireless phone headsets feature a noise-cancelling microphone, RF shielded cable, advanced speaker technology, microphone-adjust switch and a clothing ailable in a standard 2.5mm plug or hard-wired for specific Nokia phones.

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
	Plantronics M120 1 Year	Lightweight comfort in an over-the-ear style headset.	24.20 0.25 0.11	16.06 12.59 12.08
	Plantronics M124 1 Year	Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80 0.24 0.11	17.80 13.95 13.39
	Plantronics M130 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic-blue, blurple color.	29.50 0.22 0.1	19.59 15.36 14.73
	Plantronics M135/BLUE 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, blurple color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55
	Plantronics M135/ESPRESSO 1 Year	Superior comfort and sleek design in this over-the-ear headset. Espresso color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55

Plantronics In-The-Ear Headsets

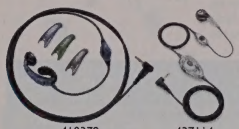


37000 37004

All Plantronics in-the-ear boom-style wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37000 1 EACH	Plantronics M140/CHARCOAL 1 Year	Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11	24.31 19.06 18.28
NEW 467122 1 EACH	Plantronics M140/SILVER 1 Year	Ultra-light comfort with this in-the-ear style headset. Silver color.	36.60 0.25 0.11	24.31 19.06 18.28
37004 1 EACH	Plantronics M145 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11	28.22 22.12 21.22

Plantronics Discreet Earbud Headsets

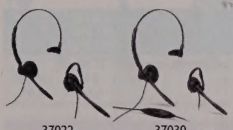


410379 437114

All Plantronics earbud headsets for wireless phones feature Flexfit(TM) design for increased stability, RF noise shielded cable, advanced speaker technology, and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 410379 1 EACH	Plantronics MX100 1 Year	Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19.59 15.36 14.73
437114 1 EACH	Plantronics M205 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09	19.59 15.36 14.73

Plantronics Convertible Headsets



37022 37030

All Plantronics convertible style wireless phone headsets feature a noise-canceling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37022 1 EACH	Plantronics M170 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18	31.25 24.50 23.50
37030 1 EACH	Plantronics M175 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22	35.16 27.57 26.44

Plantronics Cordless Headsets

467353

Cut the Cord(TM) with Bluetooth(TM) wireless headsets from Plantronics. All Plantronics over-the-ear cordless headsets feature an adjustable noice cancelling microphone, volume/mute control and answer/end button. High-capacity rechargeable batteries provide up to 2.5 hours of talk time and 60 hours of standby.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 467353 1 EACH	Plantronics M1500 BLUETOOTH 1 Year	Bluetooth headset. Over-the-ear style with answer/end button and volume/mute control. Includes Bluetooth adapter, AC adapter and rechargeable battery. Bluetooth version 1.1.	250.70 0.25 0.11	166.67 130.67 125.34

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Motorola i60

Wireless Solutions 2.5mm Earwrap

460165

The Wireless Solutions EarWrap: noise-canceling mic, sleek, lightweight design, colorful accessories. Choose from snap-on boom covers and flex-forming ear wraps in sleek tones of silver, blue and yellow.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
460165 I EACH	Wireless Solutions 466053U Lifetime	Earwrap with colored faceplates and 2.5mm connector.	27.50 0.4 0.18	16.17 14.25 13.97

Wireless Solutions EarBoom Headset

424099

Wireless Solutions In The Ear headset features a boom mic. Comfortable. Provide good mic sound as well as in the ear speaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
424099 I EACH	Wireless Solutions 484028U Lifetime	Earboom Headset with 2.5mm jack. Includes six eargels.	31.00 0.3 0.14	13.31 11.32 9.31

Wireless Solutions EarBud Headset

445052

The Wireless Soluitons EarBud is the most cost-effective, solution for mobile phone users wanting a hands-free alternative at a value price. The EarBud integrates the microphone as part of the cable leading from the ear to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
445052 I EACH	Wireless Solutions 438045U Lifetime	Earbud Headset with 2.5mm jack. Includes six eargels.	27.00 0.3 0.14	12.09 10.09 8.09

Data Interfaces for Portable Phones [260-12]

Motorola Data Cables

412079

490089

476039

464053

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
412079 I EACH	Motorola Inc. NKN6546 1 Year	Convertor Plug connects phone to a Palm III or VII PDA.	10.75 0.35 0.16	6.67 6.45 5.92
490089 I EACH	Motorola Inc. NKN6547 1 Year	Convertor Plug connects phone to a Palm V PDA.	13.55 0.35 0.16	8.41 8.14 7.46
476039 I EACH	Motorola Inc. NKN6544 1 Year	Data Cable connects phone to a PC.	52.95 0.14 0.06	32.87 31.81 29.16
464053 I EACH	Motorola Inc. NKN6540 1 Year	"Y" Cable connects phone to Motorola audio accessories or Handsfree Kits for simultaneous data operation..	68.65 0.35 0.16	42.64 41.26 37.83

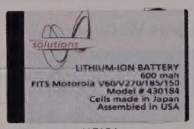
Compatible Phone Models:

Motorola I60

If you do not see your phon model listed, please ca 800-955-9997.

Batteries for Portable Phones [270-10]

Wireless Solutions Batteries



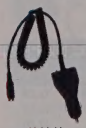
417154

- High Quality, Great Value
- Attractive retail packaging that promotes self selection and consumer education
- Available with merchandising system that drive multiple and repeat purchases to improve over profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	
NEW **417154** I EACH	Wireless Solutions 430184U Lifetime	Replacement Battery Black 600 mAh Lilo 1 to 4 hours DTT/1 to 3 days DST	30.55 0.4 0.18	

Vehicle Power Adapters [275-10]

Wireless Solutions Vehicle Power Adapter



416141

Wireless Solutions Vehicle adapters are a great value, and high quality. Qualit tested cable returns to original shape after multiple stretches. Attractive ret packaging.

- Variable rate charging for safety & convenience (no overcharging)
- Enough current to make a call with a discharged battery
- Attractive retail packaging that promotes self tion and consumer education
- Available with revolutionary merchandising sy that drives multiple and repeat purchase to in overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
416141 I EACH	Wireless Solutions 463164U Lifetime	Vehicle Power Adapter. Retail Packaged.	23.00 0.4 0.18

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NORTH AMERICA 800-955-9997
REST OF WORLD +1 410-229-1200
FAX 410-527-0005
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Chargers, Desk Top, Travel [305-60]

less Solutions Travel Charger

418198

- to any 110 volt outlet
- r phone while it is charging
- "lite" batteries up to 90% capacity in about
- Charges extra capacity batteries in about 10-12 hours
- Attractive retail packaging that promotes self selection and consumer education

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Wireless Solutions 466135U 1 Year	Travel Charger	14.50 0.4 0.18	10.31 8.30 6.30

Cases for Portable Cellular Phones [310-10]

ze Holsters

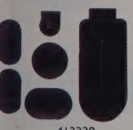
The Stand-Up Phone Holster provides the ultimate in protection and usability for your phone. Durable Ballistic nylon protects from moisture and scratches, and a secure holstering mechanism ensures your phone will never leave your belt unintentionally

- e in three sizes: small, medium and large. ides expand to accomodate various phones pockets hold accessories
- e metal frame stands, hangs or attaches to and provides a hands-free workstation
- Security snap attaches securely to belt
- Open-ended design for CLA's, headset or other phone accessories

Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Nite Ize SULP-07-01 2 years	Large holster. Phone must fit into 5 1/2L" x 3 1/8"W x 2 1/4D" pocket.	28.25 0.15 0.07	14.68 14.34 14.11

Waterproof Cases, Belt Clips [310-60]

ess Solutions Beltclips



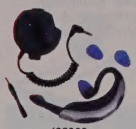
413338

Belt clips designed to conveniently snap onto the phone to securely hold it in place. Holds the phone without the need for a leather carry case.

Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Wireless Solutions 30754 Lifetime	Universal Belt Clip includes three different swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21
Wireless Solutions 458379U Lifetime	Universal Belt Clip includes two swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21

Headsets [262-10]

Bluetooth Headsets



435389

The Motorola Bluetooth headset provides a cordless connection to your mobile phone. Carry on handsfree conversation without the restriction of a cord.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 435389 1 EACH	Jabra Corporation 100-91030000-02 1 Year	Freespeak Bluetooth Headset with 2.5mm headset jack.	179.95 0.45 0.2	143.06 123.09 114.99

Plantronics Over-The-Head Headsets

36909 36926

All Plantronics over-the-head wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36909 1 EACH	Plantronics M110 1 Year	Flexible headband on this over-the-head headset provides stability and comfort.	24.20 0.4 0.18	16.06 12.59 12.08
36926 1 EACH	Plantronics M114 1 Year	Flexible headband on this over-the-head style headset provides stability and comfort. Includes in-line volume control.	26.80 0.4 0.18	17.80 13.95 13.39

Plantronics Over-The-Ear Headsets

36954 36981 32055 497082

All Plantronics over-the-ear wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hard-wired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36954 1 EACH	Plantronics M120 1 Year	Lightweight comfort in an over-the-ear style headset.	24.20 0.25 0.11	16.06 12.59 12.08
36981 1 EACH	Plantronics M124 1 Year	Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80 0.24 0.11	17.80 13.95 13.39
32055 1 EACH	Plantronics M130 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic-blue, blurple color.	29.50 0.22 0.1	19.59 15.36 14.73
NEW 433174 1 EACH	Plantronics M135/BLUE 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, blurple color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55
497082 1 EACH	Plantronics M135/ESPRESSO 1 Year	Superior comfort and sleek design in this over-the-ear headset. Espresso color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55

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Motorola i60

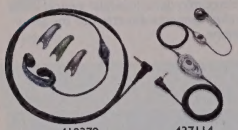
Plantronics In-The-Ear Headsets

37000 37004

All Plantronics in-the-ear boom-style wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37000 1 EACH	Plantronics M140/CHARCOAL 1 Year	Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11	24.31 19.06 18.28
NEW 467122 1 EACH	Plantronics M140/SILVER 1 Year	Ultra-light comfort with this in-the-ear style headset. Silver color.	36.60 0.25 0.11	24.31 19.06 18.28
37004 1 EACH	Plantronics M145 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11	28.22 22.12 21.22

Plantronics Discreet Earbud Headsets



410379 437114

All Plantronics earbud headsets for wireless phones feature Flexfit(TM) design for increased stability, RF noise shielded cable, advanced speaker technology, and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 410379 1 EACH	Plantronics MX100 1 Year	Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19.59 15.36 14.73
437114 1 EACH	Plantronics M205 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09	19.59 15.36 14.73

Plantronics Convertible Headsets

37022 37030

All Plantronics convertible style wireless phone headsets feature a noise-canceling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37022 1 EACH	Plantronics M170 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18	31.25 24.50 23.50
37030 1 EACH	Plantronics M175 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22	35.16 27.57 26.44

Plantronics Cordless Headsets

467353

Cut the Cord(TM) with Bluetooth(TM) wireless headsets from Plantronics. All Plantronics over-the-ear cordless headsets feature an adjustable noice cancelling microphone, volume/mute control and answer/end button. High-capacity rechargeable batteries provide up to 2.5 hours of talk time and 60 hours of standby.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 467353 1 EACH	Plantronics M1500 BLUE-TOOTH 1 Year	Bluetooth headset. Over-the-ear style with answer/end button and volume/mute control. Includes Bluetooth adapter, AC adapter and rechargeable battery. Bluetooth version 1.1.	250.70 0.25 0.11	166.67 130.67 125.34

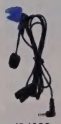
Wireless Solutions 2.5mm Earwrap

460165

The Wireless Solutions EarWrap: noise-canceling mic, sleek, lightweig design, colorful accessories. Choose from snap-on boom covers and forming ear wraps in sleek tones of silver, blue and yellow.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
460165 1 EACH	Wireless Solutions 466053U Lifetime	Earwrap with colored faceplates and 2.5mm connector.	27.50 0.4 0.18	

Wireless Solutions EarBoom Headset



424099

Wireless Solutions In The Ear headset features a boom mic. Comfortable. Provide mic sound as well as in the ear speaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
424099 1 EACH	Wireless Solutions 484028U Lifetime	Earboom Headset with 2.5mm jack. Includes six eargels.	31.00 0.3 0.14	

Wireless Solutions EarBud Headset

445052

The Wireless Soluitons EarBud is the most cost-effective, solution for mobile phone users wanting a hands-free alternative at a value price. EarBud integrates the microphone as part of the cable leading from t to the phone. Its improved circuitry eliminates the buzz often found i lower quality solutions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
445052 1 EACH	Wireless Solutions 438045U Lifetime	Earbud Headset with 2.5mm jack. Includes six eargels.	27.00 0.3 0.14

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Compatible Phone Models:

Motorola I80S

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

ess Solutions Batteries

417154

ality, Great Value

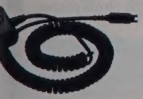
- Available with merchandising system that drives multiple and repeat purchases to improve overall profitability

ve retail packaging that promotes self selec- d consumer education

Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Wireless Solutions 430184U Lifetime	Replacement Battery Black 600 mAh Lilo 1 to 4 hours DTT/1 to 3 days DST	30.55 0.4 0.18	21.52 17.51 15.76

Vehicle Power Adapters [275-10]

rola (OEM) Vehicle Power Adapters



453147

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories. These products are used by directly plugging onto the phone without removing the battery. Provides power to the phone and charges the battery at the same time.

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Motorola Inc. 98307/SYN7818 12 Month Limited	Vehicle power adapter. Retail box.	25.00 0.25 0.11	8.27 8.02 7.39

ess Solutions Vehicle Power Adapter

Wireless Solutions Vehicle adapters are a great value, and high quality. Quality tested cable returns to original shape after multiple stretches. Attractive retail packaging.

rate charging for safety & convenience (no rging)
current to make a call with a discharged bat-

- Attractive retail packaging that promotes self selection and consumer education
- Available with revolutionary merchandising system that drives multiple and repeat purchase to improve overall profitability

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Wireless Solutions 463164U Lifetime	Vehicle Power Adapter. Retail Packaged.	23.00 0.4 0.18	7.24 5.91 4.60

Chargers, Desk Top, Travel [305-60]

Motorola AC Travel Chargers

482196

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
482196 1 EACH	Motorola Inc. 98357/SPN4940 12 Month Limited	AC Travel Charger with folding blades. Retail box.	13.50 0.4 0.18	8.89 8.62 7.94

Wireless Solutions Travel Charger

418198

- Plugs into any 110 volt outlet
- Use your phone while it is charging
- Charges "lite" batteries up to 90% capacity in about 5 hours
- Charges extra capacity batteries in about 10-12 hours
- Attractive retail packaging that promotes self selection and consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
418198 1 EACH	Wireless Solutions 466135U 1 Year	Travel Charger	14.50 0.4 0.18	10.31 8.30 6.30

Cases for Portable Cellular Phones [310-10]

Wireless Solutions Phone Holsters

461320

- Phone Holster can ratchet 180 degrees.
- Phone sits firmly in place inside of holster.
- Holster is manufactured with high-impact plastic.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 461320 1 EACH	Wireless Solutions 498345U 1 Year	Ratcheting Phone Holster Black	7.75 0.3 0.14	5.51 4.66 3.60

Nite Ize Holsters

The Stand-Up Phone Holster provides the ultimate in protection and usability for your phone. Durable Ballistic nylon protects from moisture and scratches, and a secure holstering mechanism ensures your phone will never leave your belt unintentionally

- Available in three sizes: small, medium and large. Elastic sides expand to accomodate various phones
- Multiple pockets hold accessories
- Bendable metal frame stands, hangs or attaches to holster and provides a hands-free workstation
- Security snap attaches securely to belt
- Open-ended design for CLA's, headset or other phone accessories

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 474377 1 EACH	Nite Ize SULP-07-01 2 years	Large holster. Phone must fit into 5 1/2L" x 3 1/8"W x 2 1/4D" pocket.	28.25 0.15 0.07	14.68 14.34 14.11

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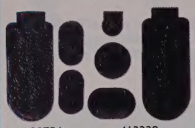
Waterproof Cases, Belt Clips [310-60]

Wireless Solutions Beltclips



30754 413338

Belt clips designed to conveniently snap onto the phone to securely hold it in place. Holds the phone without the need for a leather carry case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30754 1 EACH	Wireless Solutions 30754 Lifetime	Universal Belt Clip includes three different swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21
NEW 413338 1 EACH	Wireless Solutions 458379U Lifetime	Universal Belt Clip includes two swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21

Hands Free Kits, Mics, Headsets [262-09]

Motorola iDEN Handsfree Car Kits

431073

Motorola iDEN Handsfree Car Kits.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
431073 1 EACH	Motorola Inc. NTN1796 1 Year	Easy Install handsfree car kit	169.50 3 1.36	105.25 101.86 93.39

Headsets [262-10]

Bluetooth Headsets

435389

The Motorola Bluetooth headset provides a cordless connection to your mobile phone. Carry on handsfree conversation without the restriction of a cord.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 435389 1 EACH	Jabra Corporation 100-91030000-02 1 Year	Freespeak Bluetooth Headset with 2.5mm headset jack.	179.95 0.45 0.2	143.06 123.09 114.99

Jabra EarBoom Headset

472382

"Fits-your-face," flexible mini-boom is comfortable and non-intrusive. For those who need to talk and listen "on the move." The custom-fit EarGel channels sound into your ear for great reception.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 472382 1 EACH	Jabra Corporation EMNEXTELI50302 1 Year	Push-to-talk Earboom	31.35 0.3 0.14	17.86 15.67 15.36

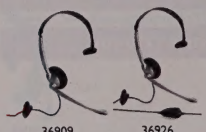
Jabra EarWrap Headset

492364

The JABRA EarWrap: noise-canceling mic, sleek, lightweight desig orful accessories. Choose from snap-on boom covers and flex-for ear wraps in sleek tones of silver, blue and yellow.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW 492364 1 EACH	Jabra Corporation EWNEXTELI50302 1 Year	Push-to-Talk Earwrap	38.50 0.4 0.18

Plantronics Over-The-Head Headsets



36909 36926

All Plantronics over-the-head wireless phone headsets f a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch clothing clip. The 2.5mm plug connects directly into the set port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
36909 1 EACH	Plantronics M110 1 Year	Flexible headband on this over-the-head headset provides stability and comfort.	24.20 0.4 0.18
36926 1 EACH	Plantronics M114 1 Year	Flexible headband on this over-the-head style headset provides stability and comfort. Includes in-line volume control.	26.80 0.4 0.18

Plantronics Over-The-Ear Headsets

36954 36981 32055 497082

All Plantronics over-the-ear wireless phone headsets feature a noise-cancelling microph noise shielded cable, advanced speaker technology, microphone-adjust switch and a clo clip. Available in a standard 2.5mm plug or hard-wired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
36954 1 EACH	Plantronics M120 1 Year	Lightweight comfort in an over-the-ear style headset.	24.20 0.25 0.11
36981 1 EACH	Plantronics M124 1 Year	Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80 0.24 0.11
32055 1 EACH	Plantronics M130 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic-blue, blurple color.	29.50 0.22 0.1
NEW 433174 1 EACH	Plantronics M135/BLUE 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, blurple color. Includes in-line volume and mute controls.	35.10 0.25 0.11
497082 1 EACH	Plantronics M135/ESPRESSO 1 Year	Superior comfort and sleek design in this over-the-ear headset. Espresso color. Includes in-line volume and mute controls.	35.10 0.25 0.11

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ntronics In-The-Ear Headsets

37000 37004

All Plantronics in-the-ear boom-style wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

lo. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
00 CH	Plantronics M140/CHARCOAL 1 Year	Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11	24.31 19.06 18.28
V 22 CH	Plantronics M140/SILVER 1 Year	Ultra-light comfort with this in-the-ear style headset. Silver color.	36.60 0.25 0.11	24.31 19.06 18.28
04 CH	Plantronics M145 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11	28.22 22.12 21.22

ntronics Discreet Earbud Headsets

410379 437114

All Plantronics earbud headsets for wireless phones feature Flexfit(TM) design for increased stability, RF noise shielded cable, advanced speaker technology, and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

lo. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
V 79 CH	Plantronics MX100 1 Year	Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19.59 15.36 14.73
14 CH	Plantronics M205 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09	19.59 15.36 14.73

ntronics Convertible Headsets

37022 37030

All Plantronics convertible style wireless phone headsets feature a noise-canceling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

o. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
2 H	Plantronics M170 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18	31.25 24.50 23.50
0 H	Plantronics M175 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22	35.16 27.57 26.44

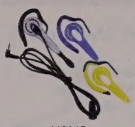
ntronics Cordless Headsets

353

Cut the Cord(TM) with Bluetooth(TM) wireless headsets from Plantronics. All Plantronics over-the-ear cordless headsets feature an adjustable noice cancelling microphone, volume/mute control and answer/end button. High-capacity rechargeable batteries provide up to 2.5 hours of talk time and 60 hours of standby.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
/ 53 H	Plantronics M1500 BLUE-TOOTH 1 Year	Bluetooth headset. Over-the-ear style with answer/end button and volume/mute control. Includes Bluetooth adapter, AC adapter and rechargeable battery. Bluetooth version 1.1.	250.70 0.25 0.11	166.67 130.67 125.34

Wireless Solutions 2.5mm Earwrap

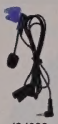


460165

The Wireless Solutions EarWrap: noise-canceling mic, sleek, lightweight design, colorful accessories. Choose from snap-on boom covers and flex-forming ear wraps in sleek tones of silver, blue and yellow.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
460165 1 EACH	Wireless Solutions 466053U Lifetime	Earwrap with colored faceplates and 2.5mm connector.	27.50 0.4 0.18	16.17 14.25 13.97

Wireless Solutions EarBoom Headset



424099

Wireless Solutions In The Ear headset features a boom mic. Comfortable. Provide good mic sound as well as in the ear speaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
424099 1 EACH	Wireless Solutions 484028U Lifetime	Earboom Headset with 2.5mm jack. Includes six eargels.	31.00 0.3 0.14	13.31 11.32 9.31

Wireless Solutions EarBud Headset

445052

The Wireless Soluitons EarBud is the most cost-effective, solution for mobile phone users wanting a hands-free alternative at a value price. The EarBud integrates the microphone as part of the cable leading from the ear to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
445052 1 EACH	Wireless Solutions 438045U Lifetime	Earbud Headset with 2.5mm jack. Includes six eargels.	27.00 0.3 0.14	12.09 10.09 8.09

Data Interfaces for Portable Phones [260-12]

Motorola Data Cables

412079 490089 476039 464053

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
412079 1 EACH	Motorola Inc. NKN6546 1 Year	Convertor Plug connects phone to a Palm III or VII PDA.	10.75 0.35 0.16	6.67 6.45 5.92
490089 1 EACH	Motorola Inc. NKN6547 1 Year	Convertor Plug connects phone to a Palm V PDA.	13.55 0.35 0.16	8.41 8.14 7.46
476039 1 EACH	Motorola Inc. NKN6544 1 Year	Data Cable connects phone to a PC.	52.95 0.14 0.06	32.87 31.81 29.16
464053 1 EACH	Motorola Inc. NKN6540 1 Year	"Y" Cable connects phone to Motorola audio accessories or Handsfree Kits for simultaneous data operation..	68.65 0.35 0.16	42.64 41.26 37.83

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Motorola i85s

Digital Organizers [260-30]

Motorola Portable Keyboards

483109

Motorola portable keyboards provide a convenient solution to typing text and commands quickly and easily into a phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **483109** 1 EACH	Motorola Inc. NTN9712 1 Year	Portable keyboard with neoprene case and manual. Connects to bottom of phone and allows easy text entry.	181.70 1.5 0.68	112.65 109.01 99.93

Compatible Phone Model

Motorola I85SX

If you do not see your pho model listed, please c 800-955-9997.

Batteries for Portable Phones [270-10]

Motorola Portable Phone Batteries

410133

494156

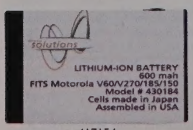
416163

445066

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to the specific requirements of their phones, satisfying the m demanding customer. You can trust the high quality and pe mance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)
410133 1 EACH	Motorola Inc. 98338/SNN5717 12 Month Limited	Slim internal battery. Retail box. 500 mAh Lilo 150 minutes TT/150 hours ST	42.50 0.2 0.09
494156 1 EACH	Motorola Inc. 98317/SNN5705 12 Month Limited	High performance battery. Retail box. 800 mAh Lilo 235 minutes DTT/225 hours DST	42.50 0.2 0.09
NEW **416163** 1 EACH	Motorola Inc. SNN5706 12 Month Limited	Replacement extra capacity battery. Door not included. Retail box. 1100 mAh Lilo	45.00 0.23 0.1
445066 1 EACH	Motorola Inc. SNN5716 1 Year	Maximum capacity replacement battery. Black 1300 mAh Lilo.	73.40 0.25 0.11

Wireless Solutions Batteries



417154

- High Quality, Great Value
- Attractive retail packaging that promotes self selection and consumer education
- Available with merchandising system that dri multiple and repeat purchases to improve o profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)
NEW **417154** 1 EACH	Wireless Solutions 430184U Lifetime	Replacement Battery Black 600 mAh Lilo 1 to 4 hours DTT/1 to 3 days DST	30.55 0.4 0.18

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iplier Cellular Batteries

ultiplier

Multiplier products have long been recognized as "professional quality". All products are manufactured in the United States and tested prior to leaving the factory.

o. m	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
/ 1 H	Multiplier M1795 18 mo.	Replacement Battery Black 850 mAh LiIo	41.00 0.3 0.14	21.00 20.71 20.48
/ 8 H	Multiplier M1795X 18 mo.	Replacement Battery Black 1400 mAh LiIo	48.80 0.3 0.14	25.00 24.65 24.38

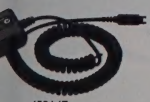
N Battery Doors

127

o. m	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
7 H	Motorola Inc. NTN9346 1 Year	Extra capacity battery door/cover N/A	5.50 0.25 0.11	3.39 3.28 3.01

Vehicle Power Adapters [275-10]

orola (OEM) Vehicle Power Adapters



453147

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories. These products are used by directly plugging onto the phone without removing the battery. Provides power to the phone and charges the battery at the same time.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
7 H	Motorola Inc. 98307/SYN7818 12 Month Limited	Vehicle power adapter. Retail box.	25.00 0.25 0.11	8.27 8.02 7.39

less Solutions Vehicle Power Adapter

41

Wireless Solutions Vehicle adapters are a great value, and high quality. Quality tested cable returns to original shape after multiple stretches. Attractive retail packaging.

- le rate charging for safety & convenience (no harging)
- h current to make a call with a discharged bat-
- Attractive retail packaging that promotes self selection and consumer education
- Available with revolutionary merchandising system that drives multiple and repeat purchase to improve overall profitability

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1 H	Wireless Solutions 463164U Lifetime	Vehicle Power Adapter. Retail Packaged.	23.00 0.4 0.18	7.24 5.91 4.60

Chargers, Desk Top, Travel [305-60]

Motorola AC Travel Chargers

482196

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
482196 1 EACH	Motorola Inc. 98357/SPN4940 12 Month Limited	AC Travel Charger with folding blades. Retail box.	13.50 0.4 0.18	8.89 8.62 7.94

Motorola iDEN Charger

483071

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
483071 1 EACH	Motorola Inc. NTN9568 1 Year	Dual Port Desktop Charger. Requires power supply for use (TESSCO sku 453382)..	65.80 1 0.45	40.86 39.54 36.25

Wireless Solutions Travel Charger

418198

- Plugs into any 110 volt outlet
- Use your phone while it is charging
- Charges "lite" batteries up to 90% capacity in about 5 hours
- Charges extra capacity batteries in about 10-12 hours
- Attractive retail packaging that promotes self selection and consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
418198 1 EACH	Wireless Solutions 466135U 1 Year	Travel Charger	14.50 0.4 0.18	10.31 8.30 6.30

Cases for Portable Cellular Phones [310-10]

Motorola Leather Cases

471033

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
471033 1 EACH	Motorola Inc. NTN9478 1 Year	Leather Case with plastic over phone display only. Black	15.05 0.1 0.05	9.33 9.03 8.28

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Motorola i85s

Motorola Belt Clips & Holsters

413079 411080

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
413079 I EACH	Motorola Inc. NTN9475 1 Year	Belt Carry System. Includes phone clip and beltclip. Black	9.15 0.05 0.02	5.69 5.50 5.05
411080 I EACH	Motorola Inc. NTN9544 1 Year	Belt clip for use with NTN9478 leather case and NTN9804 leather case.. Black	5.45 0.3 0.14	3.38 3.27 3.00

Wireless Solutions Cases

424180

- High quality leather
- Nylon stitching
- Leather covered rust resistant spring clip
- Mylar plastic that will not yellow or crack
- Environmentally tested to ensure durability
- Attractive retail packaging that promotes self selectionand consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
424180 I EACH	Wireless Solutions 485144U Lifetime	Leather case with built-in swivel and belt clip. Retail packaged. Black	11.60 0.4 0.18	7.50 6.87 6.30

Wireless Solutions Phone Holsters

456147

- Phone Holster can ratchet 180 degrees.
- Phone sits firmly in place inside of holster.
- Holster is manufactured with high-impact plastic.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
456147 I EACH	Wireless Solutions 444160U 1 Year	Ratcheting Phone Holster Black	7.75 0.3 0.14	5.51 4.66 3.60

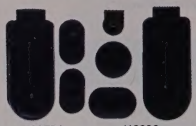
Bee Leather Cases

439151

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
439151 I EACH	Bee Electronics Inc. 1968PW 1 Year	Black SOFT LEATHER, vinyl window, stainless steel spring clip Black	17.25 0.1 0.05	9.59 8.78 8.62

Waterproof Cases, Belt Clips [310-60]

Wireless Solutions Beltclips



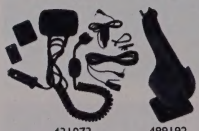
30754 413338

Belt clips designed to conveniently snap onto the phone to securely hold it in place. Holds the phone without the nee leather carry case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)
30754 I EACH	Wireless Solutions 30754 Lifetime	Universal Belt Clip includes three different swivels with 3M adhesive. Black	6.80 0.18 0.08
NEW **413338** I EACH	Wireless Solutions 458379U Lifetime	Universal Belt Clip includes two swivels with 3M adhesive. Black	6.80 0.18 0.08

Hands Free Kits, Mics, Headsets [262-09]

Motorola iDEN Handsfree Car Kits



431073 489192

Motorola iDEN Handsfree Car Kits.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
431073 I EACH	Motorola Inc. NTN1796 1 Year	Easy Install handsfree car kit	169.50 3 1.36
489192 I EACH	Motorola Inc. NTN9476 N/A	Dash mount holder	22.45 0.21 0.1

Headsets [262-10]

Bluetooth Headsets

435389

The Motorola Bluetooth headset provides a cordless connection to mobile phone. Carry on handsfree conversation without the restric a cord.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW **435389** I EACH	Jabra Corporation 100-91030000-02 1 Year	Freespeak Bluetooth Headset with 2.5mm headset jack.	179.95 0.45 0.2

Jabra EarBoom Headset

472382

"Fits-your-face," flexible mini-boom is comfortable and non-intrusive. For who need to talk and listen "on the move." The custom-fit EarGel channel into your ear for great reception.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW **472382** I EACH	Jabra Corporation EMNEXTELI50302 1 Year	Push-to-talk Earboom	31.35 0.3 0.14

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a EarBud Headset

The JABRA EarBud is the most cost-effective, JABRA solution for mobile phone users wanting a hands-free alternative at a value price. The JABRA EarBud uses the patented EarGel for a secure fit and contemporary styling. Unlike the EarSet and Ear Boom solutions, the EarBud integrates the microphone as part of the cable leading from the ear to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

81060

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
0 H	Jabra Corporation EB2.5MM302 1 Year	2.5mm EarBud with three EarGels	19.95 0.25 0.11	11.38 9.98 9.78

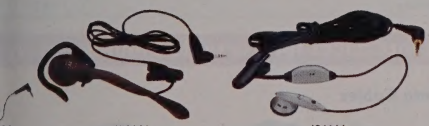
a EarWrap Headset

The JABRA EarWrap: noise-canceling mic, sleek, lightweight design, colorful accessories. Choose from snap-on boom covers and flex-forming ear wraps in sleek tones of silver, blue and yellow.

492364

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
4 H	Jabra Corporation EWNEXTELI50302 1 Year	Push-to-Talk Earwrap	38.50 0.4 0.18	21.93 19.23 18.85

orola Hands-Free Headset



39 458101 486111

ola hands-free headsets allow private phone calls. Plug directly into the phone.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
9 H	Motorola Inc. SYN9350 12 Month Limited	Earbud headset with in-line microphone. Retail box.	12.50 0.15 0.07	8.27 8.02 7.39
1 H	Motorola Inc. 98328/SYN8908 12 Month Limited	Over-the-ear handsfree headset. Retail Box.	25.00 0.15 0.07	13.08 12.67 11.66
1 H	Motorola Inc. 98323/AAYN4264 12 Month Limited	Earbud headset with in-line microphone. Silver. Retail box.	12.50 0.15 0.07	8.27 8.02 7.39

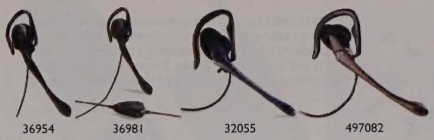
tronics Over-The-Head Headsets

All Plantronics over-the-head wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

6909 36926

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
9 H	Plantronics M110 1 Year	Flexible headband on this over-the-head headset provides stability and comfort.	24.20 0.4 0.18	16.06 12.59 12.08
6 H	Plantronics M114 1 Year	Flexible headband on this over-the-head style headset provides stability and comfort. Includes in-line volume control.	26.80 0.4 0.18	17.80 13.95 13.39

Plantronics Over-The-Ear Headsets



36954 36981 32055 497082

All Plantronics over-the-ear wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hard-wired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36954 1 EACH	Plantronics M120 1 Year	Lightweight comfort in an over-the-ear style headset.	24.20 0.25 0.11	16.06 12.59 12.08
36981 1 EACH	Plantronics M124 1 Year	Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80 0.24 0.11	17.80 13.95 13.39
32055 1 EACH	Plantronics M130 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic-blue, blurple color.	29.50 0.22 0.1	19.59 15.36 14.73
NEW **433174** 1 EACH	Plantronics M135/BLUE 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, blurple color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55
497082 1 EACH	Plantronics M135/ESPRESSO 1 Year	Superior comfort and sleek design in this over-the-ear headset. Espresso color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55

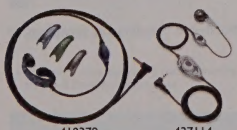
Plantronics In-The-Ear Headsets

All Plantronics in-the-ear boom-style wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

37000 37004

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37000 1 EACH	Plantronics M140/CHARCOAL 1 Year	Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11	24.31 19.06 18.28
NEW **467122** 1 EACH	Plantronics M140/SILVER 1 Year	Ultra-light comfort with this in-the-ear style headset. Silver color.	36.60 0.25 0.11	24.31 19.06 18.28
37004 1 EACH	Plantronics M145 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11	28.22 22.12 21.22

Plantronics Discreet Earbud Headsets



All Plantronics earbud headsets for wireless phones feature Flexfit(TM) design for increased stability, RF noise shielded cable, advanced speaker technology, and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

410379 437114

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **410379** 1 EACH	Plantronics MX100 1 Year	Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19.59 15.36 14.73
437114 1 EACH	Plantronics M205 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09	19.59 15.36 14.73

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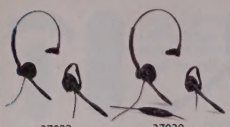
Motorola i85s

Plantronics Convertible Headsets



37022 37030

All Plantronics convertible style wireless phone headsets feature a noise-canceling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37022 1 EACH	Plantronics M170 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18	31.25 24.50 23.50
37030 1 EACH	Plantronics M175 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22	35.16 27.57 26.44

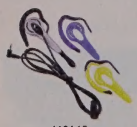
Plantronics Cordless Headsets

467353

Cut the Cord(TM) with Bluetooth(TM) wireless headsets from Plantronics. All Plantronics over-the-ear cordless headsets feature an adjustable noice cancelling microphone, volume/mute control and answer/end button. High-capacity rechargeable batteries provide up to 2.5 hours of talk time and 60 hours of standby.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **467353** 1 EACH	Plantronics M1500 BLUE-TOOTH 1 Year	Bluetooth headset. Over-the-ear style with answer/end button and volume/mute control. Includes Bluetooth adapter, AC adapter and rechargeable battery. Blue-tooth version 1.1.	250.70 0.25 0.11	166.67 130.67 125.34

Wireless Solutions 2.5mm Earwrap



460165

The Wireless Solutions EarWrap: noise-canceling mic, sleek, lightweight design, colorful accessories. Choose from snap-on boom covers and flex-forming ear wraps in sleek tones of silver, blue and yellow.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
460165 1 EACH	Wireless Solutions 466053U Lifetime	Earwrap with colored faceplates and 2.5mm connector.	27.50 0.4 0.18	16.17 14.25 13.97

Wireless Solutions EarBoom Headset

424099

Wireless Solutions In The Ear headset features a boom mic. Comfortable. Provide good mic sound as well as in the ear speaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
424099 1 EACH	Wireless Solutions 484028U Lifetime	Earboom Headset with 2.5mm jack. Includes six eargels.	31.00 0.3 0.14	13.31 11.32 9.31

Wireless Solutions EarBud Headset

445052

The Wireless Soluitons EarBud is the most cost-effective, solution for mobile phone users wanting a hands-free alternative at a value price. T EarBud integrates the microphone as part of the cable leading from th to the phone. Its improved circuitry eliminates the buzz often found i lower quality solutions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
445052 1 EACH	Wireless Solutions 438045U Lifetime	Earbud Headset with 2.5mm jack. Includes six eargels.	27.00 0.3 0.14	

Portable Cellular Phone Accessory Kit [262-50]

Wireless Solutions Starter Kits

• Includes leather case and vehicle power adapter. Wireless Solutions Retail Package.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
439173 1 EACH	Wireless Solutions 411149U Lifetime	Starter Kit - Open face leather case with swivel and beltclip, VPA.	33.00 0.5 0.23

Data Interfaces for Portable Phones [260-12]

Motorola Data Cables

412079 490089 476039 464053

Original accessories... "from the people that made your phone(TM)." OEMs design and m facture accessories to match the specific requirements of their phones, satisfying the mo demanding customer. You can trust the high quality and performance of original accessor

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
412079 1 EACH	Motorola Inc. NKN6546 1 Year	Convertor Plug connects phone to a Palm III or VII PDA.	10.75 0.35 0.16
490089 1 EACH	Motorola Inc. NKN6547 1 Year	Convertor Plug connects phone to a Palm V PDA.	13.55 0.35 0.16
476039 1 EACH	Motorola Inc. NKN6544 1 Year	Data Cable connects phone to a PC.	52.95 0.14 0.06
464053 1 EACH	Motorola Inc. NKN6540 1 Year	"Y" Cable connects phone to Motorola audio accesso-ries or Handsfree Kits for simultaneous data operation..	68.65 0.35 0.16

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Digital Organizers [260-30]

orola Portable Keyboards

483109

Motorola portable keyboards provide a convenient solution to typing text and commands quickly and easily into a phone.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
V 09 H	Motorola Inc. NTN9712 1 Year	Portable keyboard with neoprene case and manual. Connects to bottom of phone and allows easy text entry.	181.70 1.5 0.68	112.65 109.01 99.93

Compatible Phone Models:

Motorola 190

If you do not see your phone model listed, please call 800-955-9997.

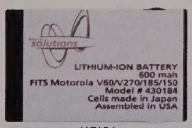
Batteries for Portable Phones [270-10]

Motorola Portable Phone Batteries

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 421165 1 EACH	Motorola Inc. NTN9850 1 Year	Battery door. Fits the high performance 750 mAh battery. Blue	9.75 1 0.45	6.05 5.85 5.37
NEW 436185 1 EACH	Motorola Inc. NTN1826 1 Year	High performance battery with blue door. Bulk packaged. 750 mAh Lilo 210 minutes TT/75 hours ST	62.95 1 0.45	39.08 37.83 34.68
NEW 469139 1 EACH	Motorola Inc. NTN1825 1 Year	Slim battery with blue door. Bulk packaged. 450 mAh Lilo 120 minutes TT/45 hours ST	74.80 1 0.45	46.44 44.94 41.20
NEW 478191 1 EACH	Motorola Inc. NTN9849 1 Year	Battery door. Fits the slim 450 mAh battery. Blue	9.75 1 0.45	6.05 5.85 5.37

Wireless Solutions Batteries



417154

- High Quality, Great Value
- Attractive retail packaging that promotes self selection and consumer education
- Available with merchandising system that drives multiple and repeat purchases to improve overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 417154 1 EACH	Wireless Solutions 430184U Lifetime	Replacement Battery Black 600 mAh Lilo 1 to 4 hours DTT/1 to 3 days DST	30.55 0.4 0.18	21.52 17.51 15.76

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Vehicle Power Adapters [275-10]

Motorola (OEM) Vehicle Power Adapters

453147

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories. These products are used by directly plugging onto the phone without removing the battery. Provides power to the phone and charges the battery at the same time.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
453147 1 EACH	Motorola Inc. 98307/SYN7818 12 Month Limited	Vehicle power adapter. Retail box.	25.00 0.25 0.11	8.27 8.02 7.39

Wireless Solutions Vehicle Power Adapter

416141

Wireless Solutions Vehicle adapters are a great value, and high quality. Quality tested cable returns to original shape after multiple stretches. Attractive retail packaging.

- Variable rate charging for safety & convenience (no overcharging)
- Enough current to make a call with a discharged battery
- Attractive retail packaging that promotes self selection and consumer education
- Available with revolutionary merchandising system that drives multiple and repeat purchase to improve overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
416141 1 EACH	Wireless Solutions 463164U Lifetime	Vehicle Power Adapter. Retail Packaged.	23.00 0.4 0.18	7.24 5.91 4.60

Chargers, Desk Top, Travel [305-60]

Motorola AC Travel Chargers

482196

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
482196 1 EACH	Motorola Inc. 98357/SPN4940 12 Month Limited	AC Travel Charger with folding blades. Retail box.	13.50 0.4 0.18	8.89 8.62 7.94

Motorola iDEN Charger

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **413124** 1 EACH	Motorola Inc. NTN1869 1 Year	Dual Port Desktop Charger. Requires SPN4940 power supply (sku#482196).	65.80 0.2 0.09	40.86 39.54 36.25

Wireless Solutions Travel Charger

418198

- Plugs into any 110 volt outlet
- Use your phone while it is charging
- Charges "lite" batteries up to 90% capacity in about 5 hours
- Charges extra capacity batteries in about 10-12 hours
- Attractive retail packaging that promotes self se tion and consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
418198 1 EACH	Wireless Solutions 466135U 1 Year	Travel Charger	14.50 0.4 0.18	1 8 6

Cases for Portable Cellular Phones [310-10]

Motorola OEM Phone Cases

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories match the specific requirements of their phones, satisfyi the most demanding customer. You can trust the high q and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T T T
NEW **419181** 1 EACH	Motorola Inc. RLN5336 1 Year	Leather pouch with standard clip. Bulk packaged.	16.30 1 0.45	1 9 5
NEW **436192** 1 EACH	Motorola Inc. RLN5334 1 Year	Flip-style leather case with detachable clip. Bulk packaged.	16.30 0.08 0.04	1 9 5

Motorola Phone Holsters

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories match the specific requirements of their phones, satisfy the most demanding customer. You can trust the high q and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T T T
NEW **481160** 1 EACH	Motorola Inc. NTN9687 1 Year	Carry holster with swivel lock. Bulk packaged.	11.20 0.1 0.05	

Wireless Solutions Cases

478360

- High quality leather
- Nylon stitching
- Leather covered rust resistant spring clip
- Mylar plastic that will not yellow or crack
- Environmentally tested to ensure durability
- Attractive retail packaging that promotes self s tionand consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)
NEW **478360** 1 EACH	Wireless Solutions 478386U 1 Year	Leather case with built-in swivel and belt clip. Retail packaged. Black	11.60 0.4 0.18

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less Solutions Phone Holsters

3322

Holster can ratchet 180 degrees.
sits firmly in place inside of holster.

- Holster is manufactured with high-impact plastic.

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
	Wireless Solutions	Ratcheting Phone Holster	7.75	5.51
2	463328U	Black	0.3	4.66
H	1 Year		0.14	3.60

lze Holsters

The Stand-Up Phone Holster provides the ultimate in protection and usability for your phone. Durable Ballistic nylon protects from moisture and scratches, and a secure holstering mechanism ensures your phone will never leave your belt unintentionally

ble in three sizes: small, medium and large.
sides expand to accomodate various phones
e pockets hold accessories

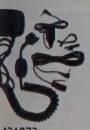
ble metal frame stands, hangs or attaches to
and provides a hands-free workstation

- Security snap attaches securely to belt
- Open-ended design for CLA's, headset or other phone accessories

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
	Nite lze	Large holster. Phone must fit into 5 1/2L" x 3 1/8"W x 2	28.25	14.68
7	SULP-07-01	1/4D" pocket.	0.15	14.34
H	2 years		0.07	14.11

Hands Free Kits, Mics, Headsets [262-09]

orola iDEN Handsfree Car Kits



431073

Motorola iDEN Handsfree Car Kits.

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
3	Motorola Inc.	Easy Install handsfree car kit	169.50	105.25
H	NTN1796		3	101.86
	1 Year		1.36	93.39
	Motorola Inc.	Dash mount holder	22.45	13.92
9	NTN9688		0.21	13.47
H	1 Year		0.1	12.35

Headsets [262-10]

tooth Headsets

435389

The Motorola Bluetooth headset provides a cordless connection to your mobile phone. Carry on handsfree conversation without the restriction of a cord.

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
/	Jabra Corporation	Freespeak Bluetooth Headset with 2.5mm headset jack.	179.95	143.06
9	100-91030000-02		0.45	123.09
H	1 Year		0.2	114.99

Jabra EarBoom Headset

472382

"Fits-your-face," flexible mini-boom is comfortable and non-intrusive. For those who need to talk and listen "on the move." The custom-fit EarGel channels sound into your ear for great reception.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Jabra Corporation	Push-to-talk Earboom	31.35	17.86
472382	EMNEXTELI50302		0.3	15.67
1 EACH	1 Year		0.14	15.36

Jabra EarWrap Headset

492364

The JABRA EarWrap: noise-canceling mic, sleek, lightweight design, colorful accessories. Choose from snap-on boom covers and flex-forming ear wraps in sleek tones of silver, blue and yellow.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Jabra Corporation	Push-to-Talk Earwrap	38.50	21.93
492364	EWNEXTELI50302		0.4	19.23
1 EACH	1 Year		0.18	18.85

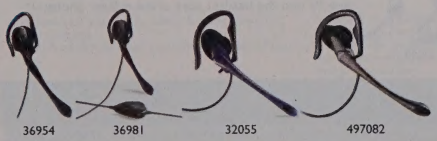
Plantronics Over-The-Head Headsets

36909 36926

All Plantronics over-the-head wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36909	Plantronics	Flexible headband on this over-the-head headset pro-	24.20	16.06
1 EACH	M110	vides stability and comfort.	0.4	12.59
	1 Year		0.18	12.08
36926	Plantronics	Flexible headband on this over-the-head style headset	26.80	17.80
1 EACH	M114	provides stability and comfort. Includes in-line volume	0.4	13.95
	1 Year	control.	0.18	13.39

Plantronics Over-The-Ear Headsets



36954 36981 32055 497082

All Plantronics over-the-ear wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hard-wired for specific Nokia phones.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36954	Plantronics	Lightweight comfort in an over-the-ear style headset.	24.20	16.06
1 EACH	M120		0.25	12.59
	1 Year		0.11	12.08
36981	Plantronics	Lightweight comfort in an over-the-ear style headset.	26.80	17.80
1 EACH	M124	Includes in-line volume control.	0.24	13.95
	1 Year		0.11	13.39
32055	Plantronics	Superior comfort and sleek design in this over-the-ear	29.50	19.59
1 EACH	M130	headset. Metallic-blue, blurple color.	0.22	15.36
	1 Year		0.1	14.73
NEW	Plantronics	Superior comfort and sleek design in this over-the-ear	35.10	23.34
433174	M135/BLUE	headset. Metallic blue, blurple color. Includes in-line vol-	0.25	18.30
1 EACH	1 Year	ume and mute controls.	0.11	17.55

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Motorola i90

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
497082 I EACH	Plantronics M135/ESPRESSO 1 Year	Superior comfort and sleek design in this over-the-ear headset. Espresso color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55

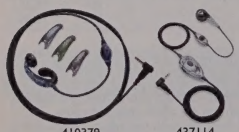
Plantronics In-The-Ear Headsets

37000 37004

All Plantronics in-the-ear boom-style wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37000 I EACH	Plantronics M140/CHARCOAL 1 Year	Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11	24.31 19.06 18.28
NEW **467122** I EACH	Plantronics M140/SILVER 1 Year	Ultra-light comfort with this in-the-ear style headset. Silver color.	36.60 0.25 0.11	24.31 19.06 18.28
37004 I EACH	Plantronics M145 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11	28.22 22.12 21.22

Plantronics Discreet Earbud Headsets

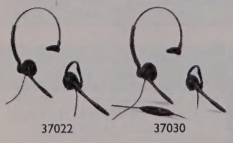


410379 437114

All Plantronics earbud headsets for wireless phones feature Flexfit(TM) design for increased stability, RF noise shielded cable, advanced speaker technology, and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **410379** I EACH	Plantronics MX100 1 Year	Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19.59 15.36 14.73
437114 I EACH	Plantronics M205 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09	19.59 15.36 14.73

Plantronics Convertible Headsets



37022 37030

All Plantronics convertible style wireless phone headsets feature a noise-canceling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37022 I EACH	Plantronics M170 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18	31.25 24.50 23.50
37030 I EACH	Plantronics M175 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22	35.16 27.57 26.44

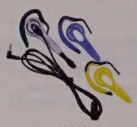
Plantronics Cordless Headsets

467353

Cut the Cord(TM) with Bluetooth(TM) wireless headsets from Plantronics Plantronics over-the-ear cordless headsets feature an adjustable noice can microphone, volume/mute control and answer/end button. High-capacity rechargeable batteries provide up to 2.5 hours of talk time and 60 hours o standby.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
NEW **467353** I EACH	Plantronics M1500 BLUE-TOOTH 1 Year	Bluetooth headset. Over-the-ear style with answer/end button and volume/mute control. Includes Bluetooth adapter, AC adapter and rechargeable battery. Blue-tooth version 1.1.	250.70 0.25 0.11	1 1 1

Wireless Solutions 2.5mm Earwrap



460165

The Wireless Solutions EarWrap: noise-canceling mic, sleek, lightwei design, colorful accessories. Choose from snap-on boom covers and forming ear wraps in sleek tones of silver, blue and yellow.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
460165 I EACH	Wireless Solutions 466053U Lifetime	Earwrap with colored faceplates and 2.5mm connector.	27.50 0.4 0.18	

Wireless Solutions EarBoom Headset

424099

Wireless Solutions In The Ear headset features a boom mic. Comfortable. Provide mic sound as well as in the ear speaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
424099 I EACH	Wireless Solutions 484028U Lifetime	Earboom Headset with 2.5mm jack. Includes six eargels.	31.00 0.3 0.14

Wireless Solutions EarBud Headset

445052

The Wireless Soluitons EarBud is the most cost-effective, solution fo mobile phone users wanting a hands-free alternative at a value price. EarBud integrates the microphone as part of the cable leading from t to the phone. Its improved circuitry eliminates the buzz often found lower quality solutions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
445052 I EACH	Wireless Solutions 438045U Lifetime	Earbud Headset with 2.5mm jack. Includes six eargels.	27.00 0.3 0.14

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Data Interfaces for Portable Phones [260-12]

orola Data Cables

2079 490089 476039 464053

nal accessories... "from the people that made your phone(TM)." OEMs design and manu-
re accessories to match the specific requirements of their phones, satisfying the most
nding customer. You can trust the high quality and performance of original accessories.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
/ 54 H	Motorola Inc. NNTN4049 1 Year	USB data cable. Allows phone to be linked to USB data port on a PC.	25.15 1.25 0.57	15.61 15.11 13.85
79 H	Motorola Inc. NKN6546 1 Year	Convertor Plug connects phone to a Palm III or VII PDA.	10.75 0.35 0.16	6.67 6.45 5.92
39 H	Motorola Inc. NKN6547 1 Year	Convertor Plug connects phone to a Palm V PDA.	13.55 0.35 0.16	8.41 8.14 7.46
39 H	Motorola Inc. NKN6544 1 Year	Data Cable connects phone to a PC.	52.95 0.14 0.06	32.87 31.81 29.16
53 H	Motorola Inc. NKN6540 1 Year	"Y" Cable connects phone to Motorola audio accessories or Handsfree Kits for simultaneous data operation..	68.65 0.35 0.16	42.64 41.26 37.83

Digital Organizers [260-30]

orola Portable Keyboards

483109

Motorola portable keyboards provide a convenient solution to typing text and commands quickly and easily into a phone.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
/ 09 H	Motorola Inc. NTN9712 1 Year	Portable keyboard with neoprene case and manual. Connects to bottom of phone and allows easy text entry.	181.70 1.5 0.68	112.65 109.01 99.93

Compatible Phone Models:

Motorola I95CL

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

Wireless Solutions Batteries

417154

- High Quality, Great Value
- Attractive retail packaging that promotes self selection and consumer education
- Available with merchandising system that drives multiple and repeat purchases to improve overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 417154 1 EACH	Wireless Solutions 430184U Lifetime	Replacement Battery Black 600 mAh LiIo 1 to 4 hours DTT/1 to 3 days DST	30.55 0.4 0.18	21.52 17.51 15.76

Vehicle Power Adapters [275-10]

Wireless Solutions Vehicle Power Adapter

416141

Wireless Solutions Vehicle adapters are a great value, and high quality. Quality tested cable returns to original shape after multiple stretches. Attractive retail packaging.

- Variable rate charging for safety & convenience (no overcharging)
- Enough current to make a call with a discharged battery
- Attractive retail packaging that promotes self selection and consumer education
- Available with revolutionary merchandising system that drives multiple and repeat purchase to improve overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
416141 1 EACH	Wireless Solutions 463164U Lifetime	Vehicle Power Adapter. Retail Packaged.	23.00 0.4 0.18	7.24 5.91 4.60

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Chargers, Desk Top, Travel [305-60]

Wireless Solutions Travel Charger

418198

- Plugs into any 110 volt outlet
- Use your phone while it is charging
- Charges "lite" batteries up to 90% capacity in about 5 hours
- Charges extra capacity batteries in about 10-12 hours
- Attractive retail packaging that promotes self selection and consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
418198 1 EACH	Wireless Solutions 466135U 1 Year	Travel Charger	14.50 0.4 0.18	10.31 8.30 6.30

Cases for Portable Cellular Phones [310-10]

Wireless Solutions Cases

478360

- High quality leather
- Nylon stitching
- Leather covered rust resistant spring clip
- Mylar plastic that will not yellow or crack
- Environmentally tested to ensure durability
- Attractive retail packaging that promotes self selectionand consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **478360** 1 EACH	Wireless Solutions 478386U 1 Year	Leather case with built-in swivel and belt clip. Retail packaged. Black	11.60 0.4 0.18	7.50 6.87 6.30

Wireless Solutions Phone Holsters

438322

- Phone Holster can ratchet 180 degrees.
- Phone sits firmly in place inside of holster.
- Holster is manufactured with high-impact plastic.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **438322** 1 EACH	Wireless Solutions 463328U 1 Year	Ratcheting Phone Holster Black	7.75 0.3 0.14	5.51 4.66 3.60

Nite Ize Holsters

The Stand-Up Phone Holster provides the ultimate in p tion and usability for your phone. Durable Ballistic nylo tects from moisture and scratches, and a secure holste mechanism ensures your phone will never leave your b unintentionally

- Available in three sizes: small, medium and large. Elastic sides expand to accomodate various phones
- Multiple pockets hold accessories
- Bendable metal frame stands, hangs or attaches to holster and provides a hands-free workstation
- Security snap attaches securely to belt
- Open-ended design for CLA's, headset or othe phone accessories

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T
NEW **474377** 1 EACH	Nite Ize SULP-07-01 2 years	Large holster. Phone must fit into 5 1/2L" x 3 1/8"W x 2 1/4D" pocket.	28.25 0.15 0.07	

Headsets [262-10]

Bluetooth Headsets

435389

The Motorola Bluetooth headset provides a cordless connection to mobile phone. Carry on handsfree conversation without the restricti a cord.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	
NEW **435389** 1 EACH	Jabra Corporation 100-91030000-02 1 Year	Freespeak Bluetooth Headset with 2.5mm headset jack.	179.95 0.45 0.2	

Jabra EarBoom Headset

472382

"Fits-your-face," flexible mini-boom is comfortable and non-intrusive. For th who need to talk and listen "on the move." The custom-fit EarGel channels into your ear for great reception.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	
NEW **472382** 1 EACH	Jabra Corporation EMNEXTELI50302 1 Year	Push-to-talk Earboom	31.35 0.3 0.14	

Jabra EarWrap Headset

492364

The JABRA EarWrap: noise-canceling mic, sleek, lightweight design orful accessories. Choose from snap-on boom covers and flex-for ear wraps in sleek tones of silver, blue and yellow.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW **492364** 1 EACH	Jabra Corporation EWNEXTELI50302 1 Year	Push-to-Talk Earwrap	38.50 0.4 0.18

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ntronics Over-The-Head Headsets

36909 36926

All Plantronics over-the-head wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
09 CH	Plantronics M110 1 Year	Flexible headband on this over-the-head headset provides stability and comfort.	24.20 0.4 0.18	16.06 12.59 12.08
26 CH	Plantronics M114 1 Year	Flexible headband on this over-the-head style headset provides stability and comfort. Includes in-line volume control.	26.80 0.4 0.18	17.80 13.95 13.39

ntronics Over-The-Ear Headsets

54 36981 32055 497082

lantronics over-the-ear wireless phone headsets feature a noise-cancelling microphone, RF e shielded cable, advanced speaker technology, microphone-adjust switch and a clothing Available in a standard 2.5mm plug or hard-wired for specific Nokia phones.

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
54 CH	Plantronics M120 1 Year	Lightweight comfort in an over-the-ear style headset.	24.20 0.25 0.11	16.06 12.59 12.08
31 CH	Plantronics M124 1 Year	Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80 0.24 0.11	17.80 13.95 13.39
55 CH	Plantronics M130 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic-blue, blurple color.	29.50 0.22 0.1	19.59 15.36 14.73
W 74 CH	Plantronics M135/BLUE 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, blurple color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55
82 CH	Plantronics M135/ESPRESSO 1 Year	Superior comfort and sleek design in this over-the-ear headset. Espresso color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55

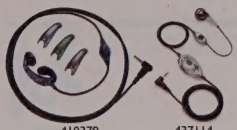
ntronics In-The-Ear Headsets

37000 37004

All Plantronics in-the-ear boom-style wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
00 CH	Plantronics M140/CHARCOAL 1 Year	Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11	24.31 19.06 18.28
W 22 CH	Plantronics M140/SILVER 1 Year	Ultra-light comfort with this in-the-ear style headset. Silver color.	36.60 0.25 0.11	24.31 19.06 18.28
04 CH	Plantronics M145 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11	28.22 22.12 21.22

Plantronics Discreet Earbud Headsets



410379 437114

All Plantronics earbud headsets for wireless phones feature Flexfit(TM) design for increased stability, RF noise shielded cable, advanced speaker technology, and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 410379 1 EACH	Plantronics MX100 1 Year	Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19.59 15.36 14.73
437114 1 EACH	Plantronics M205 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09	19.59 15.36 14.73

Plantronics Convertible Headsets

37022 37030

All Plantronics convertible style wireless phone headsets feature a noise-canceling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37022 1 EACH	Plantronics M170 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18	31.25 24.50 23.50
37030 1 EACH	Plantronics M175 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22	35.16 27.57 26.44

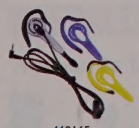
Plantronics Cordless Headsets

467353

Cut the Cord(TM) with Bluetooth(TM) wireless headsets from Plantronics. All Plantronics over-the-ear cordless headsets feature an adjustable noice cancelling microphone, volume/mute control and answer/end button. High-capacity rechargeable batteries provide up to 2.5 hours of talk time and 60 hours of standby.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 467353 1 EACH	Plantronics M1500 BLUETOOTH 1 Year	Bluetooth headset. Over-the-ear style with answer/end button and volume/mute control. Includes Bluetooth adapter, AC adapter and rechargeable battery. Bluetooth version 1.1.	250.70 0.25 0.11	166.67 130.67 125.34

Wireless Solutions 2.5mm Earwrap



460165

The Wireless Solutions EarWrap: noise-canceling mic, sleek, lightweight design, colorful accessories. Choose from snap-on boom covers and flex-forming ear wraps in sleek tones of silver, blue and yellow.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
460165 1 EACH	Wireless Solutions 466053U Lifetime	Earwrap with colored faceplates and 2.5mm connector.	27.50 0.4 0.18	16.17 14.25 13.97

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Motorola iDEN i1000

Wireless Solutions EàrBoom Headset

424099

Wireless Solutions In The Ear headset features a boom mic. Comfortable. Provide good mic sound as well as in the ear speaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
424099 1 EACH	Wireless Solutions 484028U Lifetime	Earboom Headset with 2.5mm jack. Includes six eargels.	31.00 0.3 0.14	13.31 11.32 9.31

Wireless Solutions EarBud Headset

445052

The Wireless Soluitons EarBud is the most cost-effective, solution for mobile phone users wanting a hands-free alternative at a value price. The EarBud integrates the microphone as part of the cable leading from the ear to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
445052 1 EACH	Wireless Solutions 438045U Lifetime	Earbud Headset with 2.5mm jack. Includes six eargels.	27.00 0.3 0.14	12.09 10.09 8.09

Compatible Phone Models:

Motorola IDEN I1000

If you do not see your phon model listed, please cal 800-955-9997.

Batteries for Portable Phones [270-10]

Motorola Portable Phone Batteries

MOTOROLA ORIGINAL

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories match the specific requirements of their phones, satisfyi the most demanding customer. You can trust the high qu and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
427081 1 EACH	Motorola Inc. NTN8615 1 Year	Replacement slim battery for the i1000 and i2000 500 mAh Lilo	81.55 0.4 0.18	5 4 4
449057 1 EACH	Motorola Inc. NTN8614 1 Year	Replacement battery Black 900 mAh Lilo	66.60 0.4 0.18	4 3 3

Wireless Solutions Batteries

73451

- High Quality, Great Value
- Attractive retail packaging that promotes self selection and consumer education
- Available with merchandising system that drive multiple and repeat purchases to improve over profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
73451 1 EACH	Wireless Solutions 73451 3 Year	Replacement battery Black 900 mAH, 3.6 volt Lilon rapid charge.	30.55 0.1 0.05	2 1 1

Superior Communications Batteries

SUPERIOR COMMUNICATIONS PRODUCTS

Superior Communications batteries have been quality assured in the USA to the highest manufacturing stand Packs are spot-welded in all four corners and have dur custom-colored housings.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
92432 1 EACH	Superior Comm. 25016 3 Years	Replacement battery Black 900 mAH, 6 volt Lilon	37.30 0.2 0.09	3 2 2

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ltiplier Cellular Batteries

ultiplier

Multiplier products have long been recognized as "professional quality". All products are manufactured in the United States and tested prior to leaving the factory.

No. om	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
91 CH	Multiplier M8614 18 months	Replacement battery Black 1200 mAH, 3.6 volt Lilon battery	46.80 0.1 0.05	24.00 23.67 23.40

xander Portable Batteries

No. om	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
072 CH	LexStar Tech. H8615 1 Year	Replacement battery for the NTN 8615. 550 mAh, 3.6 volt Lilon rapid charge slim.	53.60 0.1 0.05	27.37 27.27 26.80
056 CH	LexStar Tech. H8614 1 Year	Replacement for the i1000 and i2000. 900 mAH, 3.6 volt, Lilon rapid charge	40.20 0.11 0.05	20.51 20.44 20.09

ro Portable Batteries

No. om	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
49 CH	JBro Batteries JB8614 1 Year	Equivalent to NTN8614. Black 900 mAH, 3.6 volt rapid charge.	49.30 0.1 0.05	26.00 24.83 24.63

Vehicle Power Adapters [275-10]

torola (OEM) Vehicle Power Adapters

411081

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories. These products are used by directly plugging onto the phone without removing the battery. Provides power to the phone and charges the battery at the same time.

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
081 CH	Motorola Inc. NTN8655 1 Year	Motorola CLA rapidly charges your phone in the vehicle.	47.95 0.4 0.18	29.71 28.75 26.36

Superior Cellular Vehicle Power Adapters

75471

Superior Communications eliminator/chargers plug directly into the phone without removing the battery. Featuring the latest in technology, they will power the phone and charge the battery.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
75471 1 EACH	Superior Comm. 25021 3 Years	Vehicle Power Adapter. Retail packaged.	16.20 0.15 0.07	7.74 7.46 7.29

Battery Eliminator/Charger

62735

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
62735 1 EACH	Wireless Solutions 62735 Lifetime	Vehicle Power Adapter	23.00 0.3 0.14	7.24 5.91 4.60

Face Plates [311-10]

FPF Fun Friends

427352 468391 498359

Fun Friends are leading the way with adorable characters that give new attitude to these otherwise dull products. Fun Friends are a perfect match for all who enjoy plush characters ranging from Funky the Monkey to Tadpole our Lime Green Frog.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **427352** 1 EACH	funphonefriend.com A-25 30 days	FunFriends phone cover. Daisy Flip- Jean	15.00 0.32 0.15	6.50 5.75 5.21
NEW **468391** 1 EACH	funphonefriend.com A-16 30 days	Fun Friends phone covers. Spotty Flip- Dalmation Dog	15.00 0.32 0.15	6.50 5.75 5.21
NEW **498359** 1 EACH	funphonefriend.com A-4 30 days	Fun Friends, Floppy flip-Golden Dog phone cover.	15.00 0.32 0.15	6.50 5.75 5.21

Chargers, Desk Top, Travel [305-60]

Motorola AC Travel Chargers

468099

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
468099 1 EACH	Motorola Inc. NPN6197 1 Year	Travel charger for the i1000 and i2000.	35.05 0.32 0.15	21.73 21.03 19.28

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Motorola iDEN i1000

Motorola Desktop Chargers

453031

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
453031 1 EACH	Motorola Inc. NTN8653 1 Year	Desk top charging stand only. Order AC plug separately. (NPN-6197)	85.85 0.4 0.18	53.21 51.49 47.20

Wireless Solutions Travel Charger

- Plugs into any 110 volt outlet
- Use your phone while it is charging
- Charges "lite" batteries up to 90% capacity in about 5 hours
- Charges extra capacity batteries in about 10-12 hours
- Attractive retail packaging that promotes self selection and consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
64285 1 EACH	Wireless Solutions 492352U Lifetime	Travel charger powers up battery over night.	14.50 0.42 0.19	10.31 8.30 6.30

Cases for Portable Cellular Phones [310-10]

Motorola OEM Phone Cases

487033

487088

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 484190 1 EACH	Motorola Inc. FSL1201 1 Year	Leather case with window, removable swivel belt clip and Nextel logo	20.05 0.4 0.18	12.42 12.02 11.02
487033 1 EACH	Motorola Inc. NTN8658 1 Year	Lether pouch Black	19.35 0.4 0.18	11.98 11.59 10.63
487088 1 EACH	Motorola Inc. FSL1100 1 Year	Leather case with window, belt clip and Nextel logo. Black	19.35 0.4 0.18	11.98 11.59 10.63

Wireless Solutions Cases

95082

- High quality leather
- Nylon stitching
- Leather covered rust resistant spring clip
- Mylar plastic that will not yellow or crack
- Environmentally tested to ensure durability
- Attractive retail packaging that promotes self selectionand consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
95082 1 EACH	Wireless Solutions 95082 Lifetime	Soft leather case with belt clip and clear plastic over display. Keypad is open. Black	11.60 0.18 0.08	7.50 6.87 6.30

Wireless Solutions Phone Holsters

448152

- Phone Holster can ratchet 180 degrees.
- Phone sits firmly in place inside of holster.
- Holster is manufactured with high-impact plastic

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
448152 1 EACH	Wireless Solutions 426128U 1 Year	Ratcheting Phone Holster Black	7.75 0.3 0.14	5. 4. 3.

Bee Cellular Phone Cases

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
485162 1 EACH	Bee Electronics Inc. 2353-C 1 Year	Nylon pouch with steel belt clip for the i1000. Black	17.25 0.4 0.18	9. 8. 8.

AWE Portable Radio/ Phone cases

458097

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
458097 1 EACH	A.W. Enterprises MR2001 Lifetime	Black cordura nylon with belt clip and plastic face. Black	22.30 0.5 0.23	1 1 1

Waterproof Cases, Belt Clips [310-60]

Motorola Portable Phone Holsters

471003

Original accessories... "from the people that made your phone(TM)." O design and manufacture accessories to match the specific requirement their phones, satisfying the most demanding customer. You can trust th high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
471003 1 EACH	Motorola Inc. NTN8657	Holster for Motorola i1000 and i1000+ Black	7.90 0.4 0.18	4 4 4

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eless Solutions Beltclips

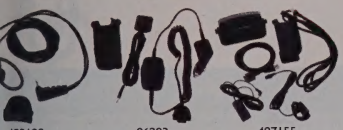
754 413338

Belt clips designed to conveniently snap onto the phone to securely hold it in place. Holds the phone without the need for a leather carry case.

No. om	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
54 CH	Wireless Solutions 30754 Lifetime	Universal Belt Clip includes three different swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21
W 38 CH	Wireless Solutions 458379U Lifetime	Universal Belt Clip includes two swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21

Hands Free Kits, Mics, Headsets [262-09]

torola iDEN Handsfree Car Kits



453198 86293 497155

Motorola iDEN Handsfree Car Kits.

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
98 CH	Motorola Inc. NTN9298 1 Year	Surveillance kit. Two-wire kit includes earpiece, microphone with push-to-talk switch and adapter that attaches to your handset. For use with i1000, i2000 and all iDEN "plus" phones.	233.15 0.2 0.09	144.54 139.88 128.22
07 CH	Motorola Inc. NTN8656 1 Year	Handsfree car kit. Includes cigarette lighter adapter and microphone.	189.65 0.85 0.39	117.59 113.79 104.31
93 CH	Motorola Inc. NTN1661 1 Year	Portable handsfree car kit. Includes cigarette lighter adapter, visor-mount microphone, built-in speaker, and dash-mount phone holder. Bulk packaged.	206.55 1.09 0.5	128.27 124.14 113.81
55 CH	Motorola Inc. FLN2714A 1 Year	Hard install car kit features cradle, amp, speaker, visor mic, power cable, and remote PTT. REQUIRES NTN9173 for external antenna connection.	258.90 2.43 1.1	160.50 155.33 142.38

Headsets [262-10]

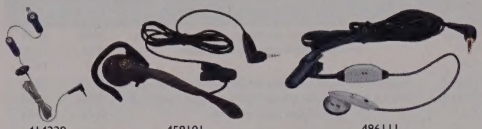
etooth Headsets

435389

The Motorola Bluetooth headset provides a cordless connection to your mobile phone. Carry on handsfree conversation without the restriction of a cord.

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 189 CH	Jabra Corporation 100-91030000-02 1 Year	Freespeak Bluetooth Headset with 2.5mm headset jack.	179.95 0.45 0.2	143.06 123.09 114.99

Motorola Hands-Free Headset



414339 458101 486111

• Motorola hands-free headsets allow private phone calls. Plug directly into the phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 414339 1 EACH	Motorola Inc. SYN9350 12 Month Limited	Earbud headset with in-line microphone. Retail box.	12.50 0.15 0.07	8.27 8.02 7.39
458101 1 EACH	Motorola Inc. 98328/SYN8908 12 Month Limited	Over-the-ear handsfree headset. Retail Box.	25.00 0.15 0.07	13.08 12.67 11.66
NEW 486111 1 EACH	Motorola Inc. 98323/AAYN4264 12 Month Limited	Earbud headset with in-line microphone. Silver. Retail box.	12.50 0.15 0.07	8.27 8.02 7.39

Motorola Audio Adapters

15228

Motorola Audio Adapter allows a variety of headsets to be plugged into the i1000, i1000 plus, i700 and i500 Iden wireless phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
15228 1 EACH	Motorola Inc. NTN8654 1 Year	Headset Audio Adapter	36.85 0.25 0.11	22.86 22.13 20.29

Plantronics Over-The-Head Headsets

36909 36926

All Plantronics over-the-head wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36909 1 EACH	Plantronics M110 1 Year	Flexible headband on this over-the-head headset provides stability and comfort.	24.20 0.4 0.18	16.06 12.59 12.08
36926 1 EACH	Plantronics M114 1 Year	Flexible headband on this over-the-head style headset provides stability and comfort. Includes in-line volume control.	26.80 0.4 0.18	17.80 13.95 13.39

Plantronics Over-The-Ear Headsets

36954 36981 32055 497082

All Plantronics over-the-ear wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hard-wired for specific Nokia phones.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36954 1 EACH	Plantronics M120 1 Year	Lightweight comfort in an over-the-ear style headset.	24.20 0.25 0.11	16.06 12.59 12.08
36981 1 EACH	Plantronics M124 1 Year	Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80 0.24 0.11	17.80 13.95 13.39

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Motorola iDEN i1000

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
32055 1 EACH	Plantronics M130 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic-blue, blurple color.	29.50 0.22 0.1	19.59 15.36 14.73
NEW 433174 1 EACH	Plantronics M135/BLUE 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, blurple color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55
497082 1 EACH	Plantronics M135/ESPRESSO 1 Year	Superior comfort and sleek design in this over-the-ear headset. Espresso color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55

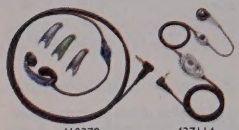
Plantronics In-The-Ear Headsets

37000 37004

All Plantronics in-the-ear boom-style wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37000 1 EACH	Plantronics M140/CHARCOAL 1 Year	Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11	24.31 19.06 18.28
NEW 467122 1 EACH	Plantronics M140/SILVER 1 Year	Ultra-light comfort with this in-the-ear style headset. Silver color.	36.60 0.25 0.11	24.31 19.06 18.28
37004 1 EACH	Plantronics M145 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11	28.22 22.12 21.22

Plantronics Discreet Earbud Headsets



410379 437114

All Plantronics earbud headsets for wireless phones feature Flexfit(TM) design for increased stability, RF noise shielded cable, advanced speaker technology, and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 410379 1 EACH	Plantronics MX100 1 Year	Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19.59 15.36 14.73
437114 1 EACH	Plantronics M205 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09	19.59 15.36 14.73

Plantronics Convertible Headsets

37022 37030

All Plantronics convertible style wireless phone headsets feature a noise-canceling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37022 1 EACH	Plantronics M170 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18	31.25 24.50 23.50
37030 1 EACH	Plantronics M175 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22	35.16 27.57 26.44

Plantronics Cordless Headsets

467353

Cut the Cord(TM) with Bluetooth(TM) wireless headsets from Plantronics. Plantronics over-the-ear cordless headsets feature an adjustable noice canc microphone, volume/mute control and answer/end button. High-capacity rechargeable batteries provide up to 2.5 hours of talk time and 60 hours o standby.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
NEW 467353 1 EACH	Plantronics M1500 BLUE-TOOTH 1 Year	Bluetooth headset. Over-the-ear style with answer/end button and volume/mute control. Includes Bluetooth adapter, AC adapter and rechargeable battery. Bluetooth version 1.1.	250.70 0.25 0.11	16 13 12

Wireless Solutions In The Ear Headset

The Wireless Solutions headset features an innovative a the-earspeaker and microphone. Built-in noise reductio technology for clear transmissions. Totally portable and tal-ready. Includes four foot cable and six EarGels.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
85828 1 EACH	Wireless Solutions 85817U 3 Year	Wireless Solutions - All -in- ear headset plugs directly into included adapter then into phone. Mic built into ear gel ear piece.	47.30 0.2 0.09	2 1 1

Wireless Solutions 2.5mm Earwrap

460165

The Wireless Solutions EarWrap: noise-canceling mic, sleek, lightwei design, colorful accessories. Choose from snap-on boom covers and forming ear wraps in sleek tones of silver, blue and yellow.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
460165 1 EACH	Wireless Solutions 466053U Lifetime	Earwrap with colored faceplates and 2.5mm connector.	27.50 0.4 0.18	

Wireless Solutions EarBoom Headset

424099

Wireless Solutions In The Ear headset features a boom mic. Comfortable. Provide mic sound as well as in the ear speaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	
424099 1 EACH	Wireless Solutions 484028U Lifetime	Earboom Headset with 2.5mm jack. Includes six eargels.	31.00 0.3 0.14	

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eless Solutions EarBud Headset

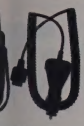
445052

The Wireless Soluitons EarBud is the most cost-effective, solution for mobile phone users wanting a hands-free alternative at a value price. The EarBud integrates the microphone as part of the cable leading from the ear to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
052 CH	Wireless Solutions 438045U Lifetime	Earbud Headset with 2.5mm jack. Includes six eargels.	27.00 0.3 0.14	12.09 10.09 8.09

Portable Cellular Phone Accessory Kit [262-50]

reless Solutions Starter Kits



92302

Starter Kits include a glove leather fitted case and a vehicle power adapter. Wireless Solutions Retail Packaging.

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
02 CH	Wireless Solutions 11128U	Starter Kit with leather case and vehicle power adapter.	33.00 0.4 0.18	13.90 11.92 9.90

Data Interfaces for Portable Phones [260-12]

otorola Data Connectivity Kit

Motorola Data Connectivity Kit allows the user to connect a wireless phone to a modem, enabling access to the internet, e-mail or fax. Just connect the cable to your laptop, desktop, or PDA. Install the software and make your connection.

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 184 CH	Motorola Inc. NTN1710 1 Year	Data connectivity kit for PC and Windows CE (CE requires PDA adapter).	106.30 0.5 0.23	65.91 63.78 58.47

Cellular Antenna Couplers [362-41]

enna Specialists Talkaround Cable

91436

Antenna Specialists RF Link cables allow easy connection to an external antenna to improve the phone's performance. 48" cables attaches directly to the phone and terminates in an SAP/FME male connector.

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36 CH	Antenna Specialists K349 Lifetime	i1000, i2000.	20.65 0.08 0.04	10.94 10.11 9.91

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Nokia Accessory Quick Pick

Nokia 1260

Extended Li-Ion Battery
Nokia
BLC-2
SKU 410093

Extended 900 mAh NiMH Battery
Nokia
BMC-3
SKU 483079

Battery, 600mah, Lilo
Wireless Solutions
484129U
SKU 439374

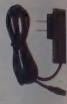
Rapid Cigarette Lighter/Charger
Nokia
LCH-9
SKU 12634

Vehicle Power Adapter
Wireless Solutions
16647
SKU 16647

Travel Charger
Nokia
ACP-7U
SKU 12531

Rapid Travel Charger
Nokia
ACP-8U
SKU 471158

Single Port Desk Top Charging Stand
Nokia
DDC-1
SKU 458042



Travel Charg
Wireless Solutio
93302
SKU 9330

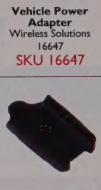
NOKIA CSM-6 Leather case
Nokia
CSM-6
SKU 438349

Leather Carry Sleeve
Nokia
CSL-20
SKU 459136

Illustration not currently available

WLS Leather case, 1260
Wireless Solutions
MOS-131
SKU 454334

Case w/clip
Wireless Solutions
457155U
SKU 417182

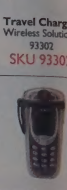


Phone Holster
Wireless Solutions
470179U
SKU 414110

Standard Case
Wireless Solutions
433148U
SKU 469171

Phone Holster, Medium
Nite Ize
SUMP-07-01
SKU 437345

Boxit Phone Case, Onyx
Nite Ize
NBX-07-01
SKU 422375



Boxit Phone C Crystal
Nite Ize
NBX-07-04
SKU 42437

Boxit Phone Case, Citron
Nite Ize
NBX-07-28
SKU 467363

Boxit Phone Case, Aqua
Nite Ize
NBX-07-03
SKU 482355

Universal Belt Clip
Wireless Solutions
30754
SKU 30754

CARK-125 Car Kit
Nokia
CARK-125
SKU 456099

NOK, CARK-134, 3590
Nokia
CARK-134
SKU 445310

Illustration not currently available

NOKIA BHF-2 Headrest HF
Nokia
BHF-2
SKU 424355

TTY/TDD device, 3590
Nokia
HDA-9
SKU 449369

Earboom
Wireless Solutions
497057U
SKU 475040

Earbud
Wireless Solutio
426080U
SKU 48807

Bud Headset
Wireless Solutions
440193U
SKU 458165

Starter Kit, 3320/ 60 Series
Nokia
424135/12264
SKU 489356

Starter Kit
Wireless Solutions
38868
SKU 422187

Mobile Holder
Nokia
MBC-6
SKU 430139

Nokia 3280, 3285

Battery, 1100mah, Lilo Polymer
Nokia
BPS-2
SKU 427169

600 mAh Lithium Ion Battery
Nokia
BPS-1
SKU 470073

900mah, NiMH Battery
Nokia
BMS-2S
SKU 432080

Extended Lithium Ion Battery
Nokia
BLS-4
SKU 419030

Extended NiMH Vibra Battery
Nokia
BMS-2V
SKU 17658

900 mAh Lithium Ion Battery
Nokia
BLS-2N
SKU 17671

Vibrating Battery, 900mah, Lilo
Wireless Solutions
439192U
SKU 18546

Standard Battery, 900mah, Lilo
Wireless Solutions
487183U
SKU 82209

Rapid Cigare Lighter/Char
Nokia
LCH-9
SKU 1267

Vehicle Power Adapter
Wireless Solutions
16647
SKU 16647

Faceplate, Dusty Brown
Nokia
SKH-614
SKU 491044

Faceplate, Harvest Gold
Nokia
SKH-615
SKU 435060

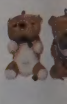
Faceplate, Peonies Purple
Nokia
SKH-617
SKU 479057

Faceplate, Poppy Red
Nokia
SKH-618
SKU 455037

Faceplate, Raincloud Blue
Nokia
SKH-613
SKU 479061

Faceplate, Sage Green
Nokia
SKH-616
SKU 475048

FPF Tapole Frog
funphonefriend.com
A-05
SKU 417318



FPF Bully-Bul
funphonefriend
A-01
SKU 4253

FPF Funky Monkey
funphonefriend.com
A-22
SKU 440370

FPF Floppy Reg-Brown Dog
funphonefriend.com
A-3
SKU 441386

FPF ALI-Alligator
funphonefriend.com
A-19
SKU 454305

FPF Beary - Lavender Bear
funphonefriend.com
A-17
SKU 472388

FPF Santa
funphonefriend.com
A-27
SKU 474325

FPF Dangles- Dog Hanging Legs
funphonefriend.com
A-15
SKU 481374

FPF Munchie-Manatee
funphonefriend.com
A-24
SKU 482389

FPF Kit Kat- Cat
funphonefriend.com
A-10
SKU 486359

FPF Larry-Lo
funphonefriend
A-7
SKU 4883

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Nokia Accessory Quick Pick

FPF Cheeser Mouse
funphonefriend.com
A-21
SKU 490397

FPF Oinky Pig
funphonefriend.com
A-09
SKU 491340

FPF Moo MOO - Cow
funphonefriend.com
A-20
SKU 499325

Travel Charger
Nokia
ACP-7U
SKU 12531

Illustration not currently available

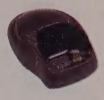
Standard Travel Charger
Nokia
ACP-7E
SKU 480381

Illustration not currently available

Rapid Travel Charger
Nokia
ACP-8E
SKU 486358

Rapid Travel Charger
Nokia
ACP-8U
SKU 471158

Single Port Desktop Charging Stand
Nokia
DCH-8
SKU 422198



Connectivity Stand
Nokia
0273052
SKU 423159

Connectivity Solution Kit
Nokia
0080438
SKU 475176

Compact Desktop Charging Stand
Nokia
DCH-9
SKU 96566

Travel Charger
Wireless Solutions
93302
SKU 93302

Active Mesh Carry Case
Nokia
CSY-4
SKU 467194

Leather Case
Nokia
CSL-1B
SKU 441016

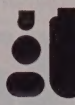
Leather Case
Nokia
CSL-1
SKU 17626

Phone Holster
Wireless Solutions
484194U
SKU 418160

Belt Clip
Nokia
BCH-12U
SKU 17654

Belt Clip
Wireless Solutions
26612
SKU 26612

Universal Belt Clip
Wireless Solutions
30754
SKU 30754



Universal Belt Clip
Wireless Solutions
458379U
SKU 413338

Junction Box, CARK-91
Nokia
HFU-2 BULK
SKU 86394

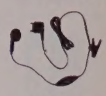
Complete Car Kit
Nokia
CARK-91US
SKU 18531

Complete Car Kit with Handset
Nokia
CARK-91H
SKU 76032

Handset Kit
Nokia
HSU-1
SKU 19402

Handsfree Car Kit
Smarteq
70437
SKU 453100

Earboom Winder
Jabra Corporation
EMWINDERNOK5130
2
SKU 495157



Headset Kit
Nokia
HDC-9P
SKU 61519

Bud Headset Kit
Nokia
HDE-1
SKU 467141

Headset with Belt Clip
Nokia
HDC-9K
SKU 46328

Inductive Loop
Nokia
LPS-1
SKU 53969

TTY/TDD device, 6360
Nokia
HDA-8
SKU 411167

Over-the-ear headset
Plantronics
M123-N2
SKU 437119

Over Ear Headset
Plantronics
M133-N2
SKU 476150

Over-the-ear headset
Plantronics
M143-N2
SKU 462144

Earbud Headset
Plantronics
M206-N2
SKU 488139

In-The-Ear Headset
Plantronics
MX103-N2
SKU 453376

All-in-ear Headset
Wireless Solutions
94174
SKU 94174

Earboom
Wireless Solutions
458047U
SKU 430160

Earbud
Wireless Solutions
440061U
SKU 410180

Bud Headset
Wireless Solutions
428156U
SKU 446119

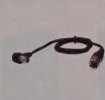
Starter Kit, 51/3200 Series
Nokia
469024/12264
SKU 462112

Starter Kit with Leather Case and VPA
Wireless Solutions
31124
SKU 31124

Data Interface Cable
Nokia
DLR-3P
SKU 466015

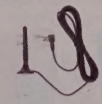
Mobile Holder
Nokia
MBC-1
SKU 70464

Dual Band Mini-Mag Mount Antenna
Wireless Solutions
454106U
SKU 444380



Antenna Cable
Wireless Solutions
429108U
SKU 412364

Ant, Cell/PCS, Nokia 6120
Antenna Specialists
ASPDM1944/CP
SKU 43996



Ext Ant Kit 5100/ 613200 NOK
AleEv (formerly MTU)
80155
SKU 480306

Phone Cable, Nokia 5100/6100 series
Antenna Specialists
K344
SKU 41865

Illustration not currently available

ClearConnect Cable
Superior Comm.
23043
SKU 70763

ClearConnect Cable/Antenna
Superior Comm.
22845
SKU 68265

External Antenna Adaptor
AleEv (formerly MTU)
40147
SKU 28009

Extended Li-Ion Battery
Nokia
BLC-2
SKU 410093

Extended 900 mAh NiMH Battery
Nokia
BMC-3
SKU 483079

Battery, 600mah, Lilo
Wireless Solutions
484129U
SKU 439374

Rapid Cigarette Lighter/Charger
Nokia
LCH-9
SKU 12634

Vehicle Power Adapter
Wireless Solutions
16647
SKU 16647

Faceplate, Boogie
Nokia
SKR-152
SKU 437127

Faceplate, Bow
Nokia
SKR-149
SKU 499188

Faceplate, Dilbert Escape
Nokia
SKR-78
SKU 484168

Faceplate, Dilbert Grate
Nokia
SKR-77
SKU 454172

Nokia 3360

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Nokia Accessory Quick Pick

Faceplate, Groove
Nokia
SKR-151
SKU 481182

Faceplate, Himalaya White
Nokia
SKR-73
SKU 488177

Faceplate, Holiday Lights
Nokia
SKR-89
SKU 448116

Faceplate, Iceberg Grey
Nokia
SKR-71
SKU 480105

Faceplate, Polar Blue
Nokia
SKR-74
SKU 433187

Faceplate, Sahara Yellow
Nokia
SKR-70
SKU 471106

Faceplate, Blooming in Blue A & B Covers.
Nokia
SKR-269
SKU 474382

Faceplate, Slide
Nokia
SKR-150
SKU 447141

Faceplate, Sw
Nokia
SKR-153
SKU 4721

Faceplate, Vesuvius Red
Nokia
SKR-72
SKU 486189

Faceplate, WWF Humpback Whale
Nokia
SKR-107
SKU 416180

Faceplate,Blue Golf A &B Covers.
Nokia
SKR-267
SKU 433381

Faceplate,Green Kaleidoscope A&B Covers.
Nokia
SKR-266
SKU 461348

Faceplate, WWF Western Screech Owl
Nokia
SKR-105
SKU 471144

Faceplate,Roots A&B covers.
Nokia
SKR-183
SKU 484381

Faceplate, Day Dream Joy A & B Covers.
Nokia
SKR-268
SKU 488396

UNIVERSITY of FLORIDA front/ back cover
Prime Finish
10224
SKU 422190

TENNESSEE front/ back co for 3360
Prime Finish
10226
SKU 4241

UNIVERSITY of KENTUCKY front/ back cover
Prime Finish
10219
SKU 468111

U TEXAS front/ back cover
Prime Finish
10232
SKU 472330

U of GEORGIA frnt/back covers for 3360
Prime Finish
10225
SKU 478155

DUKE UNIVERSITY front/ back cover
Prime Finish
10223
SKU 486176

U of N. CAROLINA frnt/ back cover for 3360
Prime Finish
10227
SKU 488184

Faceplate, St Louis Blues
Nokia
SKR-147
SKU 453157

Faceplate, New Jersey Devils
Nokia
SKR-145
SKU 472138

Faceplate, Dallas Stars
Nokia
SKR-144
SKU 474161

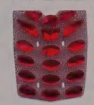
Faceplate, Colorado Avalanche
Nokia
SKR-146
SKU 4791

Faceplate, Black Flame
AleEv (formerly MTU)
21534
SKU 410310

Faceplate, Circles
AleEv (formerly MTU)
21530
SKU 414362

Keypad for 3320/60
AleEv (formerly MTU)
21931
SKU 416340

Faceplate, Blue Stars
AleEv (formerly MTU)
21525
SKU 416348



Keypad for 3320/60
AleEv (formerly MTU)
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SKU 418348

Keypad for 3320/60
AleEv (formerly MTU)
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SKU 420383

Keypad for 3320/60
AleEv (formerly MTU)
21963
SKU 422373

Keypad for 3320/60
AleEv (formerly MTU)
21927
SKU 424348

Keypad for 33
AleEv (formerly
21964
SKU 4253

Faceplate, American Eagle
AleEv (formerly MTU)
21552
SKU 428366

Keypad for 3320/60
AleEv (formerly MTU)
21930
SKU 434377

Faceplate, Spider Web
AleEv (formerly MTU)
21546
SKU 436374

Keypad for 3320/60
AleEv (formerly MTU)
21961
SKU 439316

Faceplate, Pink Love
AleEv (formerly MTU)
21551
SKU 439366

Faceplate, Pink Flowers
AleEv (formerly MTU)
21547
SKU 440332

Faceplate, Ultra Sonic
AleEv (formerly MTU)
21526
SKU 442385

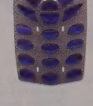
Keypad for 3320/60
AleEv (formerly MTU)
21928
SKU 447313

Faceplate, Ba
AleEv (formerly
21537
SKU 4483

Faceplate, Glow B Green
AleEv (formerly MTU)
21528
SKU 448338

Faceplate, Extreme Circles
AleEv (formerly MTU)
21524
SKU 452331

Faceplate, Farm
AleEv (formerly MTU)
21538
SKU 457302



Keypad for 3320/60
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Faceplate, Basketball
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SKU 466314

Keypad for 3320/60
AleEv (formerly MTU)
21966
SKU 474338

Faceplate, Camouflage
AleEv (formerly MTU)
21529
SKU 475348

Faceplate, Baseball
AleEv (formerly MTU)
21549
SKU 478317

Keypad for 33
AleEv (formerly
21967
SKU 4803

Faceplate, Moon
AleEv (formerly MTU)
21523
SKU 480372

Keypad for 3320/60
AleEv (formerly MTU)
21968
SKU 481361

Keypad for 3320/60
AleEv (formerly MTU)
21962
SKU 482393

Faceplate, Ant Attack !
AleEv (formerly MTU)
21550
SKU 483369

Keypad for 3320/60
AleEv (formerly MTU)
21969
SKU 483396

Faceplate, Purplelicious
AleEv (formerly MTU)
21503
SKU 484354

Faceplate, Pinkadelic
AleEv (formerly MTU)
21501
SKU 486391

Keypad for 3320/60
AleEv (formerly MTU)
21965
SKU 489358

Faceplate, Ta
AleEv (formerly
21522
SKU 4903

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Nokia Accessory Quick Pick

MTU Ornament 3360
AleEv (formerly MTU)
21566
SKU 436304

MTU Christmas Tree 3360
AleEv (formerly MTU)
21568
SKU 451319

MTU Snowman 3360
AleEv (formerly MTU)
21567
SKU 455397

Faceplate, Royal Purple for the 3360
AleEv (formerly MTU)
21514
SKU 411182

Faceplate, jade green for 3360
AleEv (formerly MTU)
21544
SKU 412185

Faceplate, ORANGE for 3360
AleEv (formerly MTU)
21527
SKU 425119

Faceplate, Amethyst Purple
AleEv (formerly MTU)
21543
SKU 425178

Faceplate, Huggs and Kisses for 3360
AleEv (formerly MTU)
21540
SKU 428159

Faceplate, Halloween for Nokia 3360.
AleEv (formerly MTU)
21565
SKU 431369

Faceplate, CLEAR for Nokia 3360.
AleEv (formerly MTU)
21542
SKU 432133

Faceplate, BUTTERFLY for 3360
AleEv (formerly MTU)
21520
SKU 432139

Faceplate, LUCID LEMON 3360
AleEv (formerly MTU)
21512
SKU 440119

Faceplate, LAVA PURPLE for 3360
AleEv (formerly MTU)
21518
SKU 441182

Faceplate, AQUA MARINE BLUE for 3360
AleEv (formerly MTU)
21506
SKU 450197

Faceplate, WILD STRAWBERRY for 3360
AleEv (formerly MTU)
21511
SKU 455138

Faceplate, ELECTRIC LIME for the 3360.
AleEv (formerly MTU)
21507
SKU 455187

Faceplate, Heart Arrow for Nokia 3360
AleEv (formerly MTU)
21545
SKU 467146

Faceplate, COTTON CANDY for 3360
AleEv (formerly MTU)
21509
SKU 469152

Faceplate, BABY PINK for the 3360
AleEv (formerly MTU)
21505
SKU 469163

Faceplate, WATERDROPS for Nokia 3360
AleEv (formerly MTU)
21515
SKU 473188

Faceplate, SUNFLOWER for 3360
AleEv (formerly MTU)
21521
SKU 475172

Faceplate, MIdnight Blue for 3360
AleEv (formerly MTU)
21541
SKU 483174

Faceplate, COBALT BLUE
AleEv (formerly MTU)
21513
SKU 488176

Faceplate, LADYBUG
AleEv (formerly MTU)
21516
SKU 489108

Faceplate, ELECTRIC BLUE FOR 3360
AleEv (formerly MTU)
21519
SKU 489181

Faceplate, YELLOW for 3360
AleEv (formerly MTU)
21504
SKU 491194

Faceplate, FLOWER POWER
AleEv (formerly MTU)
21517
SKU 492132

Faceplate, Lava Green for Nokia 3360
AleEv (formerly MTU)
21535
SKU 494173

Faceplate, ORANGE CRUSH for 3360
AleEv (formerly MTU)
21508
SKU 494176

FPF Tapole Frog
funphonefriend.com
A-05
SKU 417318

FPF Bully-Bulldog
funphonefriend.com
A-01
SKU 425345

FPF Funky Monkey
funphonefriend.com
A-22
SKU 440370

FPF ALI-Alligator
funphonefriend.com
A-19
SKU 454305

FPF Santa
funphonefriend.com
A-27
SKU 474325

FPF Dangles- Dog Hanging Legs
funphonefriend.com
A-15
SKU 481374

FPF Munchie-Manatee
funphonefriend.com
A-24
SKU 482389

FPF Kit Kat- Cat
funphonefriend.com
A-10
SKU 486359

FPF Larry-Lobster
funphonefriend.com
A-7
SKU 488341

FPF Cheeser Mouse
funphonefriend.com
A-21
SKU 490397

FPF Oinky Pig
funphonefriend.com
A-09
SKU 491340

FPF Moo MOO - Cow
funphonefriend.com
A-20
SKU 499325

Faceplate 3360 Dale Earnhardt Jr.
Pro Image Sports
Mrkting
SP08N36
SKU 499341

Faceplate 3360 Mark Martin
Pro Image Sports
Mrkting
SP06N36
SKU 427161

Faceplate3360 Kevin Harvic
Pro Image Sports
Mrkting
SP29N36
SKU 428164

Faceplate3360 Bobby Labonte
Pro Image Sports
Mrkting
SP18N36
SKU 433121

Faceplate 3360 Matt Kenseth
Pro Image Sports
Mrkting
SP17N36
SKU 434125

Faceplate3360 Dale Earnhardt
Pro Image Sports
Mrkting
SP03N36
SKU 449166

Faceplate3360 Tony Stewart
Pro Image Sports
Mrkting
SP20N36
SKU 460168

Illustration not currently available

Faceplate 3360 Jeff Green
Pro Image Sports
Mrkting
SP30N36
SKU 461183

Illustration not currently available

Faceplate 3360 Jeff Burton
Pro Image Sports
Mrkting
SP99N36
SKU 463194

Faceplate 3360 Robby Gordon
Pro Image Sports
Mrkting
SP31N36
SKU 479181

Faceplate3360 Ricky Rudd
Pro Image Sports
Mrkting
SP28N36
SKU 480195

Faceplate3360 Dale Jarrett
Pro Image Sports
Mrkting
SP88N36
SKU 498187

Travel Charger
Nokia
ACP-7U
SKU 12531

Illustration not currently available

Travel Charger
Nokia
ACP-12U
SKU 466345

Illustration not currently available

Standard Travel Charger
Nokia
ACP-7E
SKU 480381

Illustration not currently available

Rapid Travel Charger
Nokia
ACP-8E
SKU 486358

Rapid Travel Charger
Nokia
ACP-8U
SKU 471158

Single Port Desk Top Charging Stand
Nokia
DDC-1
SKU 458042

Desktop Charging Stand
Nokia
DCV-10
SKU 495079

Travel Charger
Wireless Solutions
93302
SKU 93302

Illustration not currently available

Leather Case
Nokia
CSL-24
SKU 479316

Leather Carry Sleeve
Nokia
CSL-20
SKU 459136

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Nokia Accessory Quick Pick

Rubber Carry Sleeve.
Nokia
CBM-12
SKU 473108

Black Leather Carry Sleeve
Nokia
CSL-12
SKU 432095

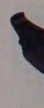
Silver Microfiber Carry Sleeve
Nokia
CSM-2
SKU 435056

Blue Microfiber Carry Sleeve
Nokia
CSM-3
SKU 497091

Case w/clip
Wireless Solutions
457155U
SKU 417182

Phone Holster
Wireless Solutions
470179U
SKU 414110

Standard Case
Wireless Solutions
433148U
SKU 469171



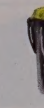
Holster w/Swivel Clip, 3320/ 60.
AleEv (formerly MTU)
22104
SKU 411333

Reverse Hols 3320/ 60
AleEv (formerly
21990
SKU 4673

Phone Holster, Medium
Nite Ize
SUMP-07-01
SKU 437345

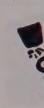
Boxit Phone Case, Onyx
Nite Ize
NBX-07-01
SKU 422375

Boxit Phone Case, Crystal
Nite Ize
NBX-07-04
SKU 424372



Boxit Phone Case, Citron
Nite Ize
NBX-07-28
SKU 467363

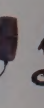
Boxit Phone Case, Aqua
Nite Ize
NBX-07-03
SKU 482355



CARK-125 Car Kit
Nokia
CARK-125
SKU 456099

NOK, CARK-134, 3590
Nokia
CARK-134
SKU 445310

Handsfree Car Kit
Nokia
CARK-128
SKU 478199

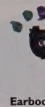


Handsfree Ca
Nokia
CARK-133
SKU 4671

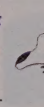
Handsfree Car Kit
Smarteq
70962
SKU 486127

illustration not currently available

Earset Nokia 3300, 8200, 8800
Jabra Corporation
ESNOK8860302
SKU 59796

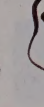


Earboom Winder
Jabra Corporation
EMWINDERNOK8830
2
SKU 458103



Headset Kit
Nokia
HDC-5
SKU 498000

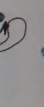
Headset Kit
Nokia
HDE-2
SKU 461199



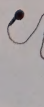
Headset Kit
Nokia
HDB-5
SKU 443374

Loopset
Nokia
LPS-3
SKU 70381

Earboom
Wireless Solutions
497057U
SKU 475040

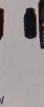


Earbud
Wireless Solut
426080U
SKU 4880

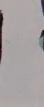


Bud Headset
Wireless Solutions
440193U
SKU 458165

Starter Kit, 3320/ 60 Series
Nokia
424135/12264
SKU 489356



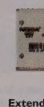
Starter Kit
Wireless Solutions
38868
SKU 422187



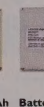
Mobile Holder
Nokia
MBC-6
SKU 430139

Nokia 3390

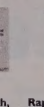
Extended Li-Ion Battery
Nokia
BLC-2
SKU 410093



Extended 900 mAh NiMH Battery
Nokia
BMC-3
SKU 483079



Battery, 600mah, Lilo
Wireless Solutions
484129U
SKU 439374



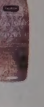
Rapid Cigarette Lighter/Charger
Nokia
LCH-9
SKU 12634

Vehicle Power Adapter
Wireless Solutions
16647
SKU 16647

By Air Cover
Nokia
SKR-46
SKU 440067

Man Faceplate
Nokia
SKR-90
SKU 468131

Discover Faceplate
Nokia
SKR-59
SKU 439165

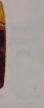


Iceberg Grey
Nokia
SKR-26
SKU 4960

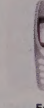
Hot Jazz Faceplate
Nokia
SKR-60
SKU 442125

By Land Cover
Nokia
SKR-44
SKU 471059

Olympia Faceplate
Nokia
SKR-62
SKU 470159

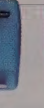


By Sea Cover
Nokia
SKR-45
SKU 440056



Faceplate A&B covers, Simple Clear
Nokia
SKR-175
SKU 442326

Faceplate, A&B cover, Clear Aqua
Nokia
SKR-176
SKU 480392



Clear Pink Faceplate
Nokia
SKR-177
SKU 459378

Faceplate,A&B cover in Clear Blue
Nokia
SKR-178
SKU 478399

Himalaya W Cover
Nokia
SKR-24
SKU 4300

MTU Ornament 3390
AleEv (formerly MTU)
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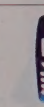
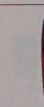
SKU 426373

MTU Snowman 3390
AleEv (formerly MTU)
21739
SKU 459376



MTU Christmas Tree 3390
AleEv (formerly MTU)
21740
SKU 463369



Faceplate, Rocket Red for 3390
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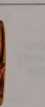
SKU 425374

Faceplate, Tattoo for 3390
AleEv (formerly MTU)
21733
SKU 428372



Faceplate, Amethyst Purple for 3390
AleEv (formerly MTU)
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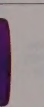
SKU 435387



Faceplate, Lava Green for 3390
AleEv (formerly MTU)
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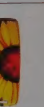
SKU 444357

Faceplate, Sunflower for 3390
AleEv (formerly MTU)
21732
SKU 445361



Faceplate, Cle 3390
AleEv (formerly
21784
SKU 449

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FAX 410-527-0005
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Nokia Accessory Quick Pick

Faceplate, Black Flame for 3390
AleEv (formerly MTU)
21728
SKU 449360

Faceplate, Royal Purple for 3390
AleEv (formerly MTU)
21721
SKU 452334

Faceplate, Aqua Marine Blue for 3390
AleEv (formerly MTU)
21780
SKU 452381

Faceplate, Butterfly for 3390
AleEv (formerly MTU)
21729
SKU 454394

Faceplate, Wild Strawberry for 3390
AleEv (formerly MTU)
21783
SKU 459399

Faceplate, Basketball "Real Feel" for 3390
AleEv (formerly MTU)
21725
SKU 464343

Faceplate, Cotton Candy for 3390
AleEv (formerly MTU)
21782
SKU 466395

Faceplate, Moon for 3390
AleEv (formerly MTU)
21731
SKU 467368

Faceplate, for 3390
AleEv (formerly MTU)
21786
SKU 480361

Faceplate, Electric Lime for 3390
AleEv (formerly MTU)
21781
SKU 484335

Faceplate, Speed Blue for 3390
AleEv (formerly MTU)
21735
SKU 488348

Faceplate, Lava Purple for 3390
AleEv (formerly MTU)
21726
SKU 492355

Faceplate, Ultra Sonic for 3390
AleEv (formerly MTU)
21730
SKU 494310

Faceplate, Waterdrops for 3390
AleEv (formerly MTU)
21722
SKU 498347

FPF Tapole Frog
funphonefriend.com
A-05
SKU 417318

FPF Bully-Bulldog
funphonefriend.com
A-01
SKU 425345

FPF Funky Monkey
funphonefriend.com
A-22
SKU 440370

FPF ALI-Alligator
funphonefriend.com
A-19
SKU 454305

FPF Santa
funphonefriend.com
A-27
SKU 474325

FPF Dangles- Dog Hanging Legs
funphonefriend.com
A-15
SKU 481374

FPF Munchie-Manatee
funphonefriend.com
A-24
SKU 482389

FPF Kit Kat- Cat
funphonefriend.com
A-10
SKU 486359

FPF Larry-Lobster
funphonefriend.com
A-7
SKU 488341

FPF Cheeser Mouse
funphonefriend.com
A-21
SKU 490397

FPF Oinky Pig
funphonefriend.com
A-09
SKU 491340

FPF Moo MOO - Cow
funphonefriend.com
A-20
SKU 499325

Faceplate 3390 Dale Earnhardt Jr.
Pro Image Sports
Mrkting
SP08N39
SKU 450327

Faceplate3390 Kevin Harvic
Pro Image Sports
Mrkting
SP29N39
SKU 416369

Illustration not currently available

Faceplate3390 Ricky Rudd
Pro Image Sports
Mrkting
SP28N39
SKU 442357

Faceplate 3390 Mark Martin
Pro Image Sports
Mrkting
SP06N39
SKU 442367

Illustration not currently available

Faceplate3390 Bobby Labonte
Pro Image Sports
Mrkting
SP18N39
SKU 449384

Illustration not currently available

Faceplate 3390 Jeff Burton
Pro Image Sports
Mrkting
SP99N39
SKU 451304

Illustration not currently available

Faceplate3390 Dale Jarrett
Pro Image Sports
Mrkting
SP88N39
SKU 451367

Faceplate3390 Tony Stewart
Pro Image Sports
Mrkting
SP20N39
SKU 458378

Illustration not currently available

Faceplate 3390 Jeff Green
Pro Image Sports
Mrkting
SP30N39
SKU 475300

Faceplate3390 Dale Earnhardt
Pro Image Sports
Mrkting
SP03N39
SKU 483362

Illustration not currently available

Faceplate 3390 Matt Kenseth
Pro Image Sports
Mrkting
SP17N39
SKU 490331

Star Decoran frnt/ back face for the 3390/95
Prime Finish
10307
SKU 410123

Kissed Orange frnt/ back for 3390/95.
Prime Finish
10301
SKU 410142

Fancy Fuchsia frnt/ bck face plate 3390/ 95
Prime Finish
10300
SKU 423116

Illustration not currently available

Pretty In Pink frnt/ back face for 3390/ 95.
Prime Finish
10303
SKU 431184

Burl Wood face plate (front/ back)
Prime Finish
10309
SKU 437183

Illustration not currently available

Swing Phone -3390/ 95
Prime Finish
10312
SKU 438143

Lemon Yellow frnt/ back face for 3390/ 95.
Prime Finish
10305
SKU 450144

Sun Yellow frnt/ back face for 3390/ 95.
Prime Finish
10322
SKU 452114

Illustration not currently available

Champagne frnt/ back face for 3390/ 95.
Prime Finish
10320
SKU 461129

Illustration not currently available

Musical Tweens - 3390/95
Prime Finish
10310
SKU 468147

Pale Purple front/ back face for 3390/ 95.
Prime Finish
10306
SKU 469158

Opal front/ back face for 3390/95.
Prime Finish
10318
SKU 474101

Brushed Aluminum frnt/bck face for 3390/95.
Prime Finish
10308
SKU 483179

Illustration not currently available

Blondie Tween - 3390/95
Prime Finish
10311
SKU 485197

Crystal Blue frnt/ back face plate for 3390/95.
Prime Finish
10302
SKU 494159

Illustration not currently available

Viper Red frnt/back for 3390/95.
Prime Finish
10304
SKU 498125

Travel Charger
Nokia
ACP-7U
SKU 12531

Illustration not currently available

Travel Charger
Nokia
ACP-12U
SKU 466345

Illustration not currently available

Standard Travel Charger
Nokia
ACP-7E
SKU 480381

Illustration not currently available

Rapid Travel Charger
Nokia
ACP-8E
SKU 486358

Rapid Travel Charger
Nokia
ACP-8U
SKU 471158

Single Port Desk Top Charging Stand
Nokia
DDC-1
SKU 458042

Desktop Charging Stand
Nokia
DCV-10
SKU 495079

Travel Charger
Wireless Solutions
93302
SKU 93302

Illustration not currently available

Leather Case
Nokia
CSL-24
SKU 479316

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Nokia Accessory Quick Pick

Leather Carry Sleeve
Nokia
CSL-20
SKU 459136

Black Leather Carry Sleeve
Nokia
CSL-12
SKU 432095

Silver Microfiber Carry Sleeve
Nokia
CSM-2
SKU 435056

Purple Microfiber Carry Sleeve
Nokia
CSH-7
SKU 443093

Orange Mesh Carry Sleeve
Nokia
CSM-4M
SKU 456089

Blue Microfiber Carry Sleeve
Nokia
CSM-3
SKU 497091

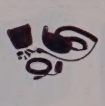
Case w/clip
Wireless Solutions
457155U
SKU 417182

Phone Holster
Wireless Solutions
470179U
SKU 414110

Standard C
Wireless Solu
43314BU
SKU 4691

Universal Belt Clip
Wireless Solutions
30754
SKU 30754

Universal Belt Clip
Wireless Solutions
458379U
SKU 413338



CARK-125 Car Kit
Nokia
CARK-125
SKU 456099

Illustration not currently available

CLA/Speaker Charger
Nokia
PPH-1
SKU 499161

Handsfree Car Kit
Nokia
CARK-128
SKU 478199

Illustration not currently available

Earset Nokia 3300, 8200, 8800
Jabra Corporation
ESNOK8860302
SKU 59796

Earboom Winder
Jabra Corporation
EMWINDERNOK8830
2
SKU 458103

Headset Kit
Nokia
HDC-5
SKU 498000

Headset K
Nokia
HDE-2
SKU 4611

Headset Kit
Nokia
HDB-5
SKU 443374

Loopset
Nokia
LPS-3
SKU 70381

Plantronics Over-The-Ear Headset
Plantronics
M133-N1
SKU 475183

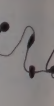
In-The-Ear Headset, 3360
Plantronics
M143-N1
SKU 490113

Plantronics In-The-Ear Headset
Plantronics
MX103-N1
SKU 486383

Earbud Headset
Plantronics
M206-N1
SKU 450124

Earboom
Wireless Solutions
497057U
SKU 475040

Earbud
Wireless Solutions
426080U
SKU 488021



Bud Head
Wireless Solu
440193U
SKU 4581

Starter Kit, Nokia 3390
Wireless Solutions
38868U
SKU 418141

Mobile Holder
Nokia
MBC-6
SKU 430139

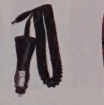
UltiMount
Pro.Fit International
UL747
SKU 28327

Nokia 3585

Extended Li-Ion Battery
Nokia
BLC-2
SKU 410093

Illustration not currently available

NOKIA MBC-17, Mobile Hold
Nokia
MBC-17
SKU 449304



Rapid Cigarette Lighter/Charger
Nokia
LCH-9
SKU 12634

NOKIA SKR-321,Fire Dragon
Nokia
SKR-321
SKU 444329

NOKIA SKH-661, JellyFish
Nokia
SKH-662
SKU 446391

NOKIA SKR-318, Ice Blue
Nokia
SKR-319
SKU 457343

NOKIA SKR-318, Lime Green
Nokia
SKR-320
SKU 461337

Illustration not currently available

NOKIA SKH-661, Fireflies
Nokia
SKH-661
SKU 476385

NOKIA SKR Kayla Butt
Nokia
SKR-322
SKU 484

NOKIA SKR-318, Cherry Red
Nokia
SKR-318
SKU 492362

Travel Charger
Nokia
ACP-7U
SKU 12531

Illustration not currently available

Travel Charger
Nokia
ACP-12U
SKU 466345

Rapid Travel Charger
Nokia
ACP-8U
SKU 471158

Illustration not currently available

Desktop Charging Stand
Nokia
DCV-15
SKU 416365

Single Port Desk Top Charging Stand
Nokia
DDC-1
SKU 458042

Leather Carry Case
Nokia
CSL-31
SKU 463316

Illustration not currently available

NOKIA BCH-12P, Swiv Case
Nokia
BCH-12P
SKU 473381

Leather Carr
Nokia
CSL-30
SKU 490

Illustration not currently available

NOK CSL-35 Case
Nokia
CSL-35
SKU 418343

Illustration not currently available

Phone Holster, Small
Nite Ize
SUSP-07-01
SKU 475394

Boxit Phone Case, Onyx
Nite Ize
NBX-07-01
SKU 422375

Boxit Phone Case, Crystal
Nite Ize
NBX-07-04
SKU 424372

Boxit Phone Case, Citron
Nite Ize
NBX-07-28
SKU 467363

Boxit Phone Case, Aqua
Nite Ize
NBX-07-03
SKU 482355

Universal Belt Clip
Wireless Solutions
30754
SKU 30754

Illustration not currently available

NOKIA CARK-142, HF kit
Nokia
CARK-142
SKU 444388

Illustrati not curre availabl

NOKIA H 10,Retract
Nokia
HS-10
SKU 418

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Nokia Accessory Quick Pick

Nokia 3590

Illustration not currently available

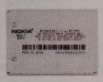
NOKIA HS-5, Headset
Nokia
HS-5
SKU 419322

NOKIA HDB-4, Boom Headset
Nokia
HDB-4
SKU 420363

NOKIA BHF-1 Headrest HF
Nokia
BHF-1
SKU 471351

Illustration not currently available

Data Cable, USB, 3570/ 85
Nokia
DKU-5
SKU 493327



Lilon Battery
Nokia
BLC-1
SKU 418354

Extended Li-Ion Battery
Nokia
BLC-2
SKU 410093

Rapid Cigarette Lighter/Charger
Nokia
LCH-9
SKU 12634

Vehicle Power Adapter
Wireless Solutions
16647
SKU 16647

NOKIA SKR-212, Blue, 3590
Nokia
SKR-212
SKU 422354

Faceplate, Blue Game
Nokia
SKR-201
SKU 428318

NOKIA SKR-210, Red, 3590
Nokia
SKR-210
SKU 438372

Faceplate, Lizz-Art
Nokia
SKR-209
SKU 446321

NOKIA SKR-218, Tiger, 3590
Nokia
SKR-218
SKU 479328

Faceplate, Lime
Nokia
SKR-202
SKU 449307

Faceplate, Active Dragon Wish
Nokia
SKH-644
SKU 483309

Faceplate, Active Pixelated
Nokia
SKH-646
SKU 489369

FPF Tapole Frog
funphonefriend.com
A-05
SKU 417318

FPF Bully-Bulldog
funphonefriend.com
A-01
SKU 425345

FPF Funky Monkey
funphonefriend.com
A-22
SKU 440370

FPF ALI-Alligator
funphonefriend.com
A-19
SKU 454305

FPF Santa
funphonefriend.com
A-27
SKU 474325

FPF Dangles- Dog Hanging Legs
funphonefriend.com
A-15
SKU 481374

FPF Munchie-Manatee
funphonefriend.com
A-24
SKU 482389

FPF Kit Kat- Cat
funphonefriend.com
A-10
SKU 486359

FPF Larry-Lobster
funphonefriend.com
A-7
SKU 488341

FPF Cheeser Mouse
funphonefriend.com
A-21
SKU 490397

FPF Oinky Pig
funphonefriend.com
A-09
SKU 491340

FPF Moo MOO - Cow
funphonefriend.com
A-20
SKU 499325

Travel Charger
Nokia
ACP-7U
SKU 12531

Illustration not currently available

Travel Charger
Nokia
ACP-12U
SKU 466345

Illustration not currently available

Standard Travel Charger
Nokia
ACP-7E
SKU 480381

Illustration not currently available

Rapid Travel Charger
Nokia
ACP-8E
SKU 486358

Single Port Desk Top Charging Stand
Nokia
DDC-1
SKU 458042

Desktop Charging Stand
Nokia
DCV-10
SKU 495079

Travel Charger
Wireless Solutions
93302
SKU 93302

Leather Carry Case
Nokia
CSL-31
SKU 463316

Neoprene Case
Nokia
CSL-29
SKU 465348

Illustration not currently available

NOK CSL-35 Case
Nokia
CSL-35
SKU 418343

Illustration not currently available

Phone Holster, Small
Nite Ize
SUSP-07-01
SKU 475394

Boxit Phone Case, Onyx
Nite Ize
NBX-07-01
SKU 422375

Boxit Phone Case, Crystal
Nite Ize
NBX-07-04
SKU 424372

Boxit Phone Case, Citron
Nite Ize
NBX-07-28
SKU 467363

Boxit Phone Case, Aqua
Nite Ize
NBX-07-03
SKU 482355

CARK-125 Car Kit
Nokia
CARK-125
SKU 456099

NOK, CARK-134, 3590
Nokia
CARK-134
SKU 445310

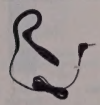
Illustration not currently available

Earset Nokia 3300, 8200, 8800
Jabra Corporation
ESNOK8860302
SKU 59796

Earboom Winder
Jabra Corporation
EMWINDERNOK8830
2
SKU 458103

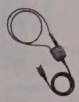
Headset Kit
Nokia
HDC-5
SKU 498000

Headset Kit
Nokia
HDE-2
SKU 461199



Headset Kit
Nokia
HDB-5
SKU 443374

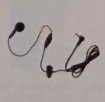
TTY/TDD device, 3590
Nokia
HDA-9
SKU 449369



Loopset
Nokia
LPS-3
SKU 70381

Earboom
Wireless Solutions
497057U
SKU 475040

Earbud
Wireless Solutions
426080U
SKU 488021



Bud Headset
Wireless Solutions
440193U
SKU 458165

Mobile Holder
Nokia
MBC-6
SKU 430139

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Nokia Accessory Quick Pick

Nokia 5100 Series

Battery, 1100mah, Lilo Polymer
Nokia
BPS-2
SKU 427169

600 mAh Lithium Ion Battery
Nokia
BPS-1
SKU 470073

900mah, NiMH Battery
Nokia
BMS-2S
SKU 432080

Extended Lithium Ion Battery
Nokia
BLS-4
SKU 419030

Extended NiMH Vibra Battery
Nokia
BMS-2V
SKU 17658

900 mAh Lithium Ion Battery
Nokia
BLS-2N
SKU 17671

Vibrating Battery, 900mah, Lilo
Wireless Solutions
439192U
SKU 18546

Standard Battery, 900mah, Lilo
Wireless Solutions
487183U
SKU 82209

Rapid Cigare Lighter/Char
Nokia
LCH-9
SKU 1262

Vehicle Power Adapter
Wireless Solutions
16647
SKU 16647

Saver/Charger-Nokia 6100
Superior Comm.
22821
SKU 53461

Maximizer-Nokia 5100/6100
Superior Comm.
22886
SKU 15068

IMaximizer-Nokia 5100/6100-Aqua.
Superior Comm.
00230
SKU 22789

IMaximizer-Nokia 5100/6100-Yellow
Superior Comm.
00228
SKU 22770

Illustration not currently available

Coral Red faceplate
Nokia
SKH-598
SKU 463336

Faceplate - Bermuda Blue
Nokia
SKH-268
SKU 98336

Faceplate - Cedar Green
Nokia
SKH-297
SKU 33475

Faceplate - F Blue
Nokia
SKH-421
SKU 4210

Faceplate - Fusion Red
Nokia
SKH-420
SKU 481020

Faceplate - Abstract Glo
Nokia
SKH-405
SKU 61540

Faceplate - HyperGreen
Nokia
SKH-422
SKU 430012

Faceplate- Antigua Red
Nokia
SKH-266
SKU 21550

Faceplate - Rose Love
Nokia
SKH-287
SKU 61201

Faceplate - Silver Bells
Nokia
SKH-275
SKU 45249

Faceplate - Shark Silver
Nokia
SKH-295
SKU 46689

Faceplate - Winter Ice
Nokia
SKH-385
SKU 443059

Keymat, 51 Faceplate
Nokia
KTA-2
SKU 4470

Faceplate - NHL Calgary Flames
Nokia
SKH-569
SKU 464061

Faceplate - NHL San Jose Sharks
Nokia
SKH-557
SKU 486056

Faceplate, 5100
AleEv (formerly MTU)
80632
SKU 434018

Faceplate, 5100
AleEv (formerly MTU)
80617
SKU 453066

Faceplate,5100* Silver
AleEv (formerly MTU)
80060
SKU 71652

Faceplate,5100* Honey Grn
AleEv (formerly MTU)
80062
SKU 82368

Faceplate,5100*Ho n Purple
AleEv (formerly MTU)
80063
SKU 30761

Faceplate,5100* Blue
AleEv (formerly MTU)
80065
SKU 69154

Faceplate,5 Honey Re
AleEv (formerly
80066
SKU 1754

Faceplate, 5100* Baseball
AleEv (formerly MTU)
80093
SKU 12729

Faceplate, 5100*Sunflower
AleEv (formerly MTU)
80607
SKU 42904

Faceplate, 5100*
AleEv (formerly MTU)
80629
SKU 434055

Faceplate, 5100*
AleEv (formerly MTU)
80625
SKU 456012

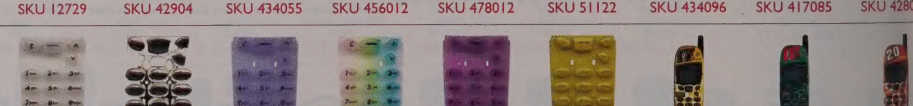
Faceplate, 5100
AleEv (formerly MTU)
80609
SKU 478012

Faceplate, 5100* Tri-Tone
AleEv (formerly MTU)
80092
SKU 51122

Keypad, Black, Nokia 5100 Series
AleEv (formerly MTU)
80038
SKU 434096

Keypad, Chrome, Nokia 5100 Series
AleEv (formerly MTU)
80260
SKU 417085

Keypad, Transparent Blue, Nokia Series
AleEv (formerly
80264
SKU 4280



Keypad, Gloss White, Nokia 5100 Series
AleEv (formerly MTU)
80261
SKU 478023

Keypad, Gold, Nokia 5100 Series
AleEv (formerly MTU)
80262
SKU 438094

Keypad, Light Blue, Nokia 5100 Series
AleEv (formerly MTU)
80263
SKU 435072

Keypad, Pastel, Nokia 5100 Series
AleEv (formerly MTU)
80267
SKU 498050

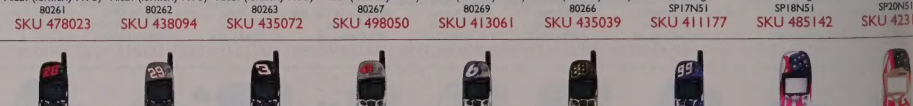
Keypad, Purple, Nokia 5100 Series
AleEv (formerly MTU)
80269
SKU 413061

Keypad, Yellow, Nokia 5100 Series
AleEv (formerly MTU)
80266
SKU 435039

Faceplate - Matt Kenseth
Pro Image Sports
Mrkting
SP17N51
SKU 411177

Faceplate - Bobby Labonte
Pro Image Sports
Mrkting
SP18N51
SKU 485142

Faceplate - T Stewart
Pro Image Sp
Mrkting
SP20N51
SKU 423



Faceplate - Ricky Rudd
Pro Image Sports
Mrkting
SP28N51
SKU 477171

Faceplate - Kevin Harvick
Pro Image Sports
Mrkting
SP29N51
SKU 427185

Faceplate5100 Dale Earnhardt
Pro Image Sports
Mrkting
SP03N51
SKU 420188

Faceplate5100 Sterling Marlin
Pro Image Sports
Mrkting
SP40N51
SKU 455326

Faceplate - Mark Martin
Pro Image Sports
Mrkting
SP06N51
SKU 452189

Faceplate - Dale Jarrett
Pro Image Sports
Mrkting
SP88N51
SKU 459186

Faceplate - Jeff Burton
Pro Image Sports
Mrkting
SP99N51
SKU 469110

Faceplate - American Flag
Prime Finish
10044
SKU 416138

Faceplate 5 5165 Amer
Prime Finis
10027
SKU 472

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REST OF WORLD +1 410-229-1200
FAX 410-527-0005
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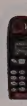
Nokia Accessory Quick Pick

AUTUMN ORANGE 5165
Prime Finish
10010
SKU 457104


AZTEC 5165
Prime Finish
10001
SKU 440115

BLAH 5165
Prime Finish
10005
SKU 442107

BURL WOOD 5165
Prime Finish
10008
SKU 466104

CRYSTAL BLUE 5165
Prime Finish
10011
SKU 415101

FANCY FUSHIA 5165
Prime Finish
10012
SKU 456107

FOOL'S GOLD 5165
Prime Finish
10013
SKU 469109

GRAPHITE 5165
Prime Finish
10014
SKU 458104

HARLEY 5165
Prime Finish
10006
SKU 466141

HONEYCOMB 5165
Prime Finish
10004
SKU 499113

KISSED ORANGE 5165
Prime Finish
10015
SKU 484106

LEMON YELLOW 5165
Prime Finish
10016
SKU 498100

METAL WALNUT 5165
Prime Finish
10017
SKU 468124

METAL DELTA PEARL 5165
Prime Finish
10007
SKU 446156

METALIC BLUE 5165
Prime Finish
10018
SKU 462104

METALIC MARINE 5165
Prime Finish
10019
SKU 441111

MINT GREEN 5165
Prime Finish
10020
SKU 463140

ORANGE SHERBET 5165
Prime Finish
10026
SKU 468181

PALE PURPLE 5165
Prime Finish
10021
SKU 465135

PLUM CRAZY 5165
Prime Finish
10022
SKU 448139

PRETTY IN PINK 5165
Prime Finish
10023
SKU 459184

RAZ-MA-TAZ 5165
Prime Finish
10003
SKU 491156

SLEEK SILVER 5165
Prime Finish
10024
SKU 455175

SNAKE 5165
Prime Finish
10030
SKU 465121

SPEED RACER 5165
Prime Finish
10002
SKU 418146

SUN YELLOW 5165
Prime Finish
10025
SKU 429169

YADA 5165
Prime Finish
10000
SKU 414109

Faceplate 5100* Oregon St
Prime Finish
SKH-492
SKU 412154

Faceplate 5100* Auburn
Prime Finish
SKH-311
SKU 417184

Faceplate 5100* Purdue
Prime Finish
SKH-380
SKU 423191

Akron
Prime Finish
SKH-493
SKU 499102

Faceplate 5100 Arizona St
Prime Finish
SKH-485
SKU 489122

Faceplat 5100*Arkansas St
Prime Finish
SKH-435
SKU 436111

Faceplt 5100* Air Force
Prime Finish
SKH-468
SKU 465196

Faceplate 5100* Army
Prime Finish
SKH-497
SKU 411124

Faceplate 5100*Ball State
Prime Finish
SKH-495
SKU 494178

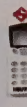
Faceplate 5100* Baylor
Prime Finish
SKH-392
SKU 416131

Faceplt 5100*Boston Coll.
Prime Finish
SKH-437
SKU 491143

Faceplt 5100* Boston Univ
Prime Finish
SKH-477
SKU 478125

Faceplate 5100* BYU
Prime Finish
SKH-415
SKU 494151

Faceplat 5100*Boise State
Prime Finish
SKH-436
SKU 435192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Prime Finish
SKH-369
SKU 430189

Faceplate 5100*North Caro
Prime Finish
SKH-317
SKU 431134

Faceplate 5100*Univ of SC
Prime Finish
SKH-374
SKU 469147

Faceplate 5100*E.Carolina
Prime Finish
SKH-438
SKU 485170

Faceplate 5100*Cincinnati
Prime Finish
SKH-510
SKU 464102

Faceplate 5100* Clemson
Prime Finish
SKH-372
SKU 439176

Faceplat 5100*Colorado St
Prime Finish
SKH-457
SKU 475191

Faceplate 5100 Colorado
Prime Finish
SKH-395
SKU 479112

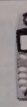
Faceplate 5100* Duke Univ
Prime Finish
SKH-312
SKU 412111

Faceplate,5100*,De leware
Prime Finish
SKH-476
SKU 461113

Faceplate 5100 Fla. State
Prime Finish
SKH-370
SKU 446194

Central Florida, U. of
Prime Finish
SKH-475
SKU 484109

Faceplate 5100* Fresno St
Prime Finish
SKH-458
SKU 498195


Faceplate 5100*Georgetown
Prime Finish
SKH-417
SKU 456161

Faceplate 5100*Georgia/T
Prime Finish
SKH-313
SKU 493190

Faceplate 5100* Houston
Prime Finish
SKH-498
SKU 478130

Idaho State
Prime Finish
10031
SKU 430102

Faceplate 5100* Illinois
Prime Finish
SKH-411
SKU 463196

Faceplate 5100*N.Illinois
Prime Finish
SKH-473
SKU 499139

Faceplate 5100 Iowa Univ
Prime Finish
SKH-450
SKU 417188

Faceplate 5100 Idaho
Prime Finish
SKH-444
SKU 441112

Faceplate 5100 Indiana
Prime Finish
SKH-449
SKU 430150

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Nokia Accessory Quick Pick

Faceplt 5100*Univ.Kansas
Prime Finish
SKH-388
SKU 492183

Eastern Kentucky
Prime Finish
10029
SKU 440109

Faceplt 5100*UL-Lafayette
Prime Finish
SKH-474
SKU 492186

Faceplate 5100* UNLV
Prime Finish
SKH-463
SKU 431176

Facepl 5100*LouisianaTech
Prime Finish
SKH-524
SKU 426186

Faceplate 5100*Louisville
Prime Finish
SKH-499
SKU 431157

Faceplate 5100* LSU
Prime Finish
SKH-316
SKU 433144

Maine, U. of
Prime Finish
SKH-577
SKU 441104

Faceplate 5100*Marsh
Prime Finis
SKH-518
SKU 451

Maryland, U. of
Prime Finish
SKH-368
SKU 496178

Memphis
Prime Finish
SKH-500
SKU 472190

Miami, U. of
Prime Finish
SKH-508
SKU 437100

Faceplt 5100*Eastern Mich
Prime Finish
SKH-516
SKU 426135

Faceplat 5100*Michigan St
Prime Finish
SKH-446
SKU 477106

Faceplate 5100* Michigan
Prime Finish
SKH-379
SKU 480187

Faceplate 5100*South Miss
Prime Finish
SKH-501
SKU 418144

Faceplate 5100* Missouri
Prime Finish
SKH-383
SKU 467130

Faceplt 5100* Montana
Prime Finis
SKH-578
SKU 453

Faceplt 5100*Central Mich
Prime Finish
SKH-515
SKU 481178

Faceplate 5100*West.Mich.
Prime Finish
SKH-522
SKU 491166

Faceplate 5100* Ole Miss
Prime Finish
SKH-377
SKU 491165

Faceplate, UNC Charlotte
Prime Finish
SKH-479
SKU 418128

Faceplate 5100* Nebraska
Prime Finish
SKH-396
SKU 494169

Faceplat 5100*Univ Nevada
Prime Finish
SKH-452
SKU 453150

Faceplate 5100*New Mex St
Prime Finish
SKH-439
SKU 437196

Faceplate 5100*Notre Dame
Prime Finish
SKH-528
SKU 445175

Faceplate 5 Navy
Prime Finis
SKH-526
SKU 484

Faceplate 5100* Ohio Univ
Prime Finish
SKH-521
SKU 462108

Faceplate 5100*Okla State
Prime Finish
SKH-390
SKU 441102

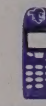
Faceplt 5100 Univ of Oreg
Prime Finish
SKH-490
SKU 422136

Faceplate 5100*Pittsburgh
Prime Finish
SKH-414
SKU 459173

Faceplate 5100 Rice
Prime Finish
SKH-459
SKU 461122

Faceplat 5100* Rutgers
Prime Finish
SKH-448
SKU 430137

Faceplt 5100*San Diego St
Prime Finish
SKH-460
SKU 414163



Faceplate 5100*Seton Hall
Prime Finish
SKH-418
SKU 438187

Faceplate 5 SMU
Prime Finis
SKH-365
SKU 445

Faceplate 5100* St.John's
Prime Finish
SKH-419
SKU 481195

Faceplate 5100* St.Clouds
Prime Finish
SKH-576
SKU 490162

Syracuse U.
Prime Finish
SKH-440
SKU 442196

Faceplate 5100* TCU
Prime Finish
SKH-367
SKU 435160

Faceplate 5100* Temple
Prime Finish
SKH-441
SKU 440145

Faceplat 5100*North Texas
Prime Finish
SKH-453
SKU 450196

Faceplt 5100*Tex, El Paso
Prime Finish
SKH-462
SKU 491191

Faceplate 5100* Texas
Prime Finish
SKH-345
SKU 457174

Faceplat 5100*Texas
Prime Fini
SKH-391
SKU 493

Faceplate 5100* Tulane
Prime Finish
SKH-442
SKU 498126

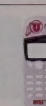
Faceplate 5100 Tulsa
Prime Finish
SKH-465
SKU 478180

Faceplate 5100 Mid. Tenn
Prime Finish
SKH-525
SKU 429140

Toledo, U. of
Prime Finish
SKH-520
SKU 492103

Faceplate 5100 UCLA
Prime Finish
SKH-406
SKU 476179

Faceplate 5100* Utah St.
Prime Finish
SKH-455
SKU 424127



Faceplate 5100*Univ Utah
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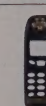
SKH-445
SKU 484156



Faceplate 5100*Vanderbilt
Prime Finish
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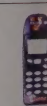
SKU 495128



Faceplate 5 Virginia
Prime Fini
SKH-36
SKU 421

Facepl 5100 Washington St
Prime Finish
SKH-487
SKU 448133

Faceplt 5100 Univ.of Wash
Prime Finish
SKH-489
SKU 454120

Faceplate 5100* Wisconsin
Prime Finish
SKH-382
SKU 435183

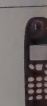
Faceplate 5100* Wyoming
Prime Finish
SKH-466
SKU 484164

Wake Forest
Prime Finish
SKH-375
SKU 431105

Atlanta Hawks - Dunk
Prime Finish
10069
SKU 446104

Charlotte Hornets - Dunk
Prime Finish
10038
SKU 494103

Chicago Bulls - Dunk
Prime Finish
10056
SKU 420146



Dallas Mave Dunk
Prime Fini
10048
SKU 412

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Nokia Accessory Quick Pick

Houston Rockets - Dunk
Prime Finish
10042
SKU 428113

Houston Rockets TeamColor
Prime Finish
10035
SKU 465108

Indiana Pacers - Dunk
Prime Finish
10067
SKU 484124

L.A. Lakers - 2001 Champs
Prime Finish
10057
SKU 425116

L.A. Lakers - Dunk
Prime Finish
10041
SKU 472121

N.Y. Knicks - Dunk
Prime Finish
10049
SKU 454117

Philadelphia 76ers - Dunk
Prime Finish
10060
SKU 436174

Phil. 76ers - Team Color
Prime Finish
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Sacramento Kings - Dunk
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SKU 460105

Sac. Kings - Team Color
Prime Finish
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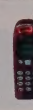
SKU 448103



San Antonio Spurs - Dunk
Prime Finish
10062
SKU 445139

Utah Jazz - Dunk
Prime Finish
10039
SKU 461108

Clev Rockers - Team Color
Prime Finish
10032
SKU 420141

Houston Commets 4x Champs
Prime Finish
10063
SKU 422128

Houston Comets - Dunk
Prime Finish
10065
SKU 418130

Houston Comets Team Color
Prime Finish
10064
SKU 415102

Indiana Fever - Dunk
Prime Finish
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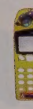
SKU 486113

L.A. Sparks - Dunk
Prime Finish
10051
SKU 494116



L.A. Sparks - Team Color
Prime Finish
10050
SKU 452168

N.Y. Liberty - Dunk
Prime Finish
10075
SKU 452120

N.Y. Liberty - Team Color
Prime Finish
10033
SKU 417100

Sac Monarchs - Dunk
Prime Finish
10053
SKU 466107

FPF Tapole Frog
funphonefriend.com
A-05
SKU 417318

FPF Bully-Bulldog
funphonefriend.com
A-01
SKU 425345

FPF Daisy Denim Flip- Jean Flower
funphonefriend.com
A-25
SKU 427352

FPF Funky Monkey
funphonefriend.com
A-22
SKU 440370

FPF Floppy Reg-Brown Dog
funphonefriend.com
A-3
SKU 441386

FPF ALI-Alligator
funphonefriend.com
A-19
SKU 454305

FPF Beary - Lavender Bear
funphonefriend.com
A-17
SKU 472388

FPF Santa
funphonefriend.com
A-27
SKU 474325

FPF Dangles- Dog Hanging Legs
funphonefriend.com
A-15
SKU 481374

FPF Munchie-Manatee
funphonefriend.com
A-24
SKU 482389

FPF Kit Kat- Cat
funphonefriend.com
A-10
SKU 486359

FPF Larry-Lobster
funphonefriend.com
A-7
SKU 488341

FPF Cheeser Mouse
funphonefriend.com
A-21
SKU 490397

FPF Moo MOO - Cow
funphonefriend.com
A-20
SKU 499325

Travel Charger
Nokia
ACP-7U
SKU 12531

Illustration not currently available

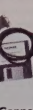
Standard Travel Charger
Nokia
ACP-7E
SKU 480381

Illustration not currently available

Rapid Travel Charger
Nokia
ACP-8E
SKU 486358

Single Port Desktop Charging Stand
Nokia
DCH-8
SKU 422198

Connectivity Stand
Nokia
0273052
SKU 423159



Connectivity Solution Kit
Nokia
0080438
SKU 475176

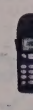
Compact Desktop Charging Stand
Nokia
DCH-9
SKU 96566

Travel Charger
Wireless Solutions
93302
SKU 93302

Active Mesh Carry Case
Nokia
CSY-4
SKU 467194

Leather Case with Belt Clip
Nokia
CSF-1
SKU 489188

Leather Case
Nokia
CSL-1B
SKU 441016



Leather Case
Nokia
CSL-1
SKU 17626

Horiz. Case Nokia 51/6100/7100
AleEv (formerly MTU)
21673
SKU 495312

Case, Nokia 5100®-Vinyl
Superior Comm.
23008
SKU 39576

Open-face Leather Case
Wireless Solutions
479142U
SKU 18821

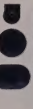
Vinyl-face Leather Case
Wireless Solutions
93956
SKU 93956

Phone Holster
Wireless Solutions
484194U
SKU 418160

Belt Clip
Nokia
BCH-12U
SKU 17654

Belt Clip
Wireless Solutions
26612
SKU 26612

Universal Belt Clip
Wireless Solutions
30754
SKU 30754



Universal Belt Clip
Wireless Solutions
458379U
SKU 413338

Junction Box, CARK-91
Nokia
HFU-2 BULK
SKU 86394

Complete Car Kit
Nokia
CARK-91US
SKU 18531

Replacement Power Cable
Nokia
PCH-4J
SKU 71434

Complete Car Kit with Handset
Nokia
CARK-91H
SKU 76032

Car Kit Cable
Nokia
AXR-2
SKU 86748

Replacement Cradle
Nokia
MCC-1 BULK
SKU 87764

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Nokia Accessory Quick Pick

Handset Kit
Nokia
HSU-1
SKU 19402

Handsfree Car Kit
Smarteq
70437
SKU 453100

Dock & Talk,Nok 5100/6100
Superior Comm.
329
SKU 85627

Over-the-ear Headset
ClearVox Communications
C-300
SKU 35716

Adapter, Nokia 51/61/7100
ClearVox Communications
CS-N61
SKU 89919

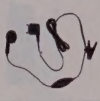
Earset Nokia 5100/6100
Jabra Corporation
ESNOK51/61/71302
SKU 35018

EarBoom Headset, 51/61/7100
Jabra Corporation
EMNOK51/61/710300
SKU 429096

EarBud Headset, 2.5mm
Jabra Corporation
EBNOK51/61/710302
SKU 467078

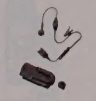
Earboom W
Jabra Corpor
EMWINDERN
2
SKU 495

Headset, Nokia 32/51/61/7100
AleEv (formerly MTU)
91058
SKU 89244



Headset Kit
Nokia
HDC-9P
SKU 61519

Bud Headset Kit
Nokia
HDE-1
SKU 467141



Headset with Belt Clip
Nokia
HDC-9K
SKU 46328

Inductive Loop
Nokia
LPS-1
SKU 53969

TTY/TDD device, 6360
Nokia
HDA-8
SKU 411167

Plantronics Over-The-Head Headset
Plantronics
M110
SKU 36909

Over-The-Head Headset,Vol
Plantronics
M114
SKU 36926

Over-The Headse
Plantroni
M120
SKU 369

Over-the-ear headset
Plantronics
M123-N2
SKU 437119

Plantronics Over-The-Ear Headset
Plantronics
M124
SKU 36981

Over Ear Headset
Plantronics
M133-N2
SKU 476150

In-The Ear Headset
Plantronics
M140/CHARCOAL
SKU 37000

Over-the-ear headset
Plantronics
M143-N2
SKU 462144

In-The-Ear Headset, Vol
Plantronics
M145
SKU 37004

Headset Adapter - Nokia 5100/6100
Plantronics
WTA-NK610
SKU 75407

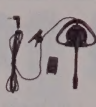
Earbud Headset
Plantronics
M206-N2
SKU 488139

In-The-Ear H
Plantroni
MX103-
SKU 453

Plantronics Earbud Headset
Plantronics
M205
SKU 437114

Over-Head/Ear Headset
Plantronics
M170
SKU 37022

Over-Head/Ear Headset,Vol
Plantronics
M175
SKU 37030



Speakeasy Headset-Nokia
Superior Comm.
22852
SKU 95800

All-in-ear Headset
Wireless Solutions
94174
SKU 94174

Earboom
Wireless Solutions
458047U
SKU 430160

Earbud
Wireless Solutions
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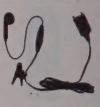
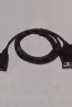
SKU 410180



Bud Headset
Wireless Solutions
428156U
SKU 446119

Starter Kit Leather Ca VPA
Wireless Sol
31124
SKU 31



Data Cable
Nokia
DAU-9P
SKU 17282

Mobile Holder
Nokia
MBC-1
SKU 70464

UltiMount
Pro.Fit International
UL747
SKU 28327

Portable Solution, Holder
Pro.Fit International
PS-1324
SKU 454079

Holder, Nokia 6120/6190
AleEv (formerly MTU)
22148
SKU 17841

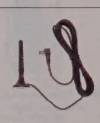
Dual Band Mini-Mag Mount Antenna
Wireless Solutions
454106U
SKU 444380

Antenna Cable
Wireless Solutions
429108U
SKU 412364

Ant, Cell/PCS, Nokia 6120
Antenna Specialists
ASPDM1944/CP
SKU 43996

ClearTalk, 6100-S
Superior C
22819
SKU 54

Illustration not currently available



ClearTalk, Nokia 6100-Ser
Superior Comm.
22818
SKU 97127

Illustration not currently available

Ext Ant Kit 5100/613200 NOK
AleEv (formerly MTU)
80155
SKU 480306

Illustration not currently available

Phone Cable, Ericsson 700 series
Antenna Specialists
K346
SKU 41870

Illustration not currently available

Phone Cable, Ericsson 200/300/600 series
Antenna Specialists
K345
SKU 20386

Phone Cable, Nokia 5100/6100 series
Antenna Specialists
K344
SKU 41865

Illustration not currently available

ClearConnect Cable
Superior Comm.
23043
SKU 70763

ClearConnect Cable/Antenna
Superior Comm.
22845
SKU 68265

External Antenna Adaptor
AleEv (formerly MTU)
40147
SKU 28009

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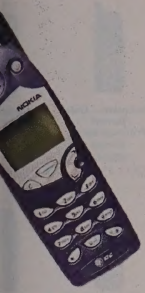

okia 5125, 5165

Battery, 1100mah, Lilo Polymer
Nokia
BPS-2
SKU 427169

600 mAh Lithium Ion Battery
Nokia
BPS-1
SKU 470073

900mah, NiMH Battery
Nokia
BMS-2S
SKU 432080

Extended Lithium Ion Battery
Nokia
BLS-4
SKU 419030

Extended NiMH Vibra Battery
Nokia
BMS-2V
SKU 17658

900 mAh Lithium Ion Battery
Nokia
BLS-2N
SKU 17671

Vibrating Battery, 900mah, Lilo
Wireless Solutions
439192U
SKU 18546

Standard Battery, 900mah, Lilo
Wireless Solutions
487183U
SKU 82209

Rapid Cigarette Lighter/Charger
Nokia
LCH-9
SKU 12634

Vehicle Power Adapter
Wireless Solutions
16647
SKU 16647

Saver/Charger-Nokia 6100
Superior Comm.
22821
SKU 53461

Maximizer-Nokia 5100/6100
Superior Comm.
22886
SKU 15068

IMaximizer-Nokia 5100/6100-Aqua.
Superior Comm.
00230
SKU 22789

IMaximizer-Nokia 5100/6100-Yellow
Superior Comm.
00228
SKU 22770

Faceplate - Bermuda Blue
Nokia
SKH-268
SKU 98336

Faceplate - Cedar Green
Nokia
SKH-297
SKU 33475

Faceplate - Fusion Red
Nokia
SKH-420
SKU 481020

Faceplate - Abstract Glo
Nokia
SKH-405
SKU 61540

Faceplate - HyperGreen
Nokia
SKH-422
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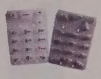
SKH-266
SKU 21550

Faceplate - Shark Silver
Nokia
SKH-295
SKU 46689



Keymat, 5100 Faceplates
Nokia
KTA-2
SKU 447099

Illustration not currently available

MTU Winter Wonderland Face, 5165
AleEv (formerly MTU)
21107
SKU 462378

MTU Ornaments Face, 5165 only
AleEv (formerly MTU)
21195
SKU 476397

Illustration not currently available

MTU Christmas Spirit Face, 5165 only
AleEv (formerly MTU)
21106
SKU 494385

Faceplate, Blue Indigo
Nokia
SKH-541
SKU 417031

Faceplate, Bronze Armor
Nokia
SKH-543
SKU 466097

Faceplate, Gold Tone
Nokia
SKH-537
SKU 469088

Faceplate, Green Gleam
Nokia
SKH-544
SKU 418046

Faceplate, Turning Pink
Nokia
SKH-540
SKU 474086

Faceplate, Red Dazzle
Nokia
SKH-545
SKU 445061

Faceplate, Sea Spray Blue
Nokia
SKH-542
SKU 443000

Faceplate, Yellow Spin
Nokia
SKH-538
SKU 417043

Keypad for 5125/65
AleEv (formerly MTU)
21980
SKU 418352

Keypad for 5125/65
AleEv (formerly MTU)
21970
SKU 422367

Keypad for 5125/65
AleEv (formerly MTU)
21971
SKU 422396

Keypad for 5125/65
AleEv (formerly MTU)
21976
SKU 424379

Illustration not currently available

Face Plate 5125/65,Tranquil Purple
AleEv (formerly MTU)
21098
SKU 427336

Keypad for 5125/65
AleEv (formerly MTU)
21979
SKU 428378

Keypad for 5125/65.
AleEv (formerly MTU)
21977
SKU 429321

Keypad for 3390/95
AleEv (formerly MTU)
21988
SKU 444393

Keypad for 3390/95
AleEv (formerly MTU)
21987
SKU 447314

Keypad for 5125/65
AleEv (formerly MTU)
21978
SKU 447362

Faceplt,5125/65,Baby Pink
AleEv (formerly MTU)
21065
SKU 476019

Faceplt,5125/65,Bengal Tiger
AleEv (formerly MTU)
21088
SKU 444013

Faceplt,5125/65,Black Flame
AleEv (formerly MTU)
21068
SKU 420006

Faceplt,5125/65,Blue Stars
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21069
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Faceplt,5125/65,Brown Cow Skin
AleEv (formerly MTU)
87741
SKU 471022

Faceplt,5125/65,Chameleon
AleEv (formerly MTU)
21051
SKU 468036

Faceplt,5125/65, Chrome
AleEv (formerly MTU)
21056
SKU 498049

Faceplt,5125/65,Electric Blue
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21078
SKU 463070

Faceplt,5125/65,Honey Blue
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21055
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Faceplt,5125/65,Rainbow
AleEv (formerly MTU)
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Faceplt,5125/65,Royal Purple
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21083
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21060
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Faceplt,5125/65,Tattoo
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21072
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Faceplt,5125/65,Tie Dye
AleEv (formerly MTU)
21059
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Faceplt,5125/65,Tiger Skin
AleEv (formerly MTU)
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SKU 447071

Faceplt,5125/65,Ultra Sonic
AleEv (formerly MTU)
21074
SKU 420061

Faceplt,5125/65,Waterdrops
AleEv (formerly MTU)
21091
SKU 464030

Faceplate - Matt Kenseth
Pro Image Sports
Mrkting
SP17N51
SKU 411177

Faceplate - Dale Earnhardt #8
Pro Image Sports
Mrkting
SP08N51
SKU 416379

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Faceplate - Bobby Labonte
Pro Image Sports Mrkting
SP18N51
SKU 485142

Faceplate - Tony Stewart
Pro Image Sports Mrkting
SP20N51
SKU 423114

Faceplate - Ricky Rudd
Pro Image Sports Mrkting
SP28N51
SKU 477171

Faceplate - Kevin Harvick
Pro Image Sports Mrkting
SP29N51
SKU 427185

Faceplate5100 Dale Earnhardt
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SP03N51
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Faceplate - Dale Jarrett
Pro Image Sports Mrkting
SP88N51
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Pro Image Sp
Mrkting
SP99N51
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Faceplate - American Flag
Prime Finish
10044
SKU 416138

Faceplate 5125/ 5165 Amer. Flag
Prime Finish
10027
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AUTUMN ORANGE 5165
Prime Finish
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BLAH 5165
Prime Finish
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CRYSTAL BLUE 5165
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Prime Finish
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MINT GREEN 5165
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ORANGE SHERBET 5165
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PALE PURPLE 5165
Prime Finish
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PLUM CRAZY 5165
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PRETTY IN PINK 5165
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RAZ-MA-TAZ 5165
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YADA 5165
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10000
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University of Kansas
Prime Finish
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Illustration not currently available

University of Kentucky
Prime Finish
10083
SKU 433332

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Oklahoma State, 5125/ 65
Prime Finish
10089
SKU 463335

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Oklahoma, 5125/ 65
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10073
SKU 468313

Illustration not currently available

University of Alabama
Prime Finish
10093
SKU 487327

Illustration not currently available

Western Kentucky
Prime Finish
10092
SKU 493335

Illustrati not curre availab

Universit Tennessee, 5
Prime Fini
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SKU 498

Faceplate 5100* Oregon St
Prime Finish
SKH-492
SKU 412154

Faceplate 5100* Auburn
Prime Finish
SKH-311
SKU 417184

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SKH-380
SKU 423191

Akron
Prime Finish
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SKU 499102

Faceplate 5100 Arizona St
Prime Finish
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SKU 489122

Faceplat 5100*Arkansas St
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Faceplate 5100* Army
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Faceplat 5100*Boise State
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Faceplate 5100*Univ of SC
Prime Finish
SKH-374
SKU 469147

Facepl 5100*E.Ca
Prime Fi
SKH-4
SKU 485

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Faceplate 5100*Cincinnati
Prime Finish
SKH-510
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Faceplate 5100* Clemson
Prime Finish
SKH-372
SKU 439176

Faceplat 5100*Colorado St
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Faceplate 5100 Colorado
Prime Finish
SKH-395
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Faceplate 5100* Duke Univ
Prime Finish
SKH-312
SKU 412111

Faceplate,5100*,De leware
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SKU 461113

Faceplate 5100 Fla. State
Prime Finish
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SKU 446194

Central Florida, U. of
Prime Finish
SKH-475
SKU 484109

Faceplate 5100* Fresno St
Prime Finish
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SKU 498195

Faceplate 5100*Georgetown
Prime Finish
SKH-417
SKU 456161

Faceplate 5100*Georgia/T
Prime Finish
SKH-313
SKU 493190

Faceplate 5100* Houston
Prime Finish
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SKU 478130

Idaho State
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North Carolina
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Faceplate 5100 Indiana
Prime Finish
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Faceplt 5100*Univ.Kansas
Prime Finish
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Eastern Kentucky
Prime Finish
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Prime Finish
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SKU 492186

Faceplate 5100* UNLV
Prime Finish
SKH-463
SKU 431176

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Prime Finish
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Faceplate 5100*Louisville
Prime Finish
SKH-499
SKU 431157

Faceplate 5100* LSU
Prime Finish
SKH-316
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Maine, U. of
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Maryland, U. of
Prime Finish
SKH-368
SKU 496178

Memphis
Prime Finish
SKH-500
SKU 472190

Miami, U. of
Prime Finish
SKH-508
SKU 437100

Faceplt 5100*Eastern Mich
Prime Finish
SKH-516
SKU 426135

Faceplat 5100*Michigan St
Prime Finish
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Faceplate 5100* Michigan
Prime Finish
SKH-379
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Faceplate 5100*South Miss
Prime Finish
SKH-501
SKU 418144

Faceplate 5100* Missouri
Prime Finish
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Faceplate 5100*West.Mich.
Prime Finish
SKH-522
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Faceplate 5100* Ole Miss
Prime Finish
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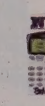

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Prime Finish
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SKU 437196

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Prime Finish
SKH-528
SKU 445175

Faceplate 5100* Navy
Prime Finish
SKH-526
SKU 484141

Faceplate 5100* Ohio Univ
Prime Finish
SKH-521
SKU 462108

Faceplate 5100*Olda State
Prime Finish
SKH-390
SKU 441102

Faceplt 5100 Univ of Oreg
Prime Finish
SKH-490
SKU 422136

Faceplate 5100*Pittsburgh
Prime Finish
SKH-414
SKU 459173

Faceplate 5100 Rice
Prime Finish
SKH-459
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Faceplat 5100* Rutgers
Prime Finish
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SKU 430137

Faceplt 5100*San Diego St
Prime Finish
SKH-460
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Prime Finish
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Faceplate 5100* SMU
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Faceplate 5100* St.John's
Prime Finish
SKH-419
SKU 481195

Faceplate 5100* St.Clouds
Prime Finish
SKH-576
SKU 490162

Syracuse U.
Prime Finish
SKH-440
SKU 442196

Faceplate 5100* TCU
Prime Finish
SKH-367
SKU 435160

Faceplate 5100* Temple
Prime Finish
SKH-441
SKU 440145

Faceplat 5100*North Texas
Prime Finish
SKH-453
SKU 450196

Faceplt 5100*Tex, El Paso
Prime Finish
SKH-462
SKU 491191

Faceplate 5100* Texas
Prime Finish
SKH-345
SKU 457174

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Faceplate 5100*Texas Tech
Prime Finish
SKH-391
SKU 493170

Faceplate 5100* Tulane
Prime Finish
SKH-442
SKU 498126

Faceplate 5100 Tulsa
Prime Finish
SKH-465
SKU 478180

Faceplate 5100 Mid. Tenn
Prime Finish
SKH-525
SKU 429140

Toledo, U. of
Prime Finish
SKH-520
SKU 492103

Faceplate 5100 UCLA
Prime Finish
SKH-406
SKU 476179

Faceplate 5100* Utah St.
Prime Finish
SKH-455
SKU 424127

Faceplate 5100*Univ Utah
Prime Finish
SKH-445
SKU 484156

Faceplat 5100*Vande
Prime Fini
SKH-376
SKU 495

Faceplate 5100* Virginia
Prime Finish
SKH-364
SKU 421143

Facepl 5100 Washington St
Prime Finish
SKH-487
SKU 448133

Facepl 5100 Univ.of Wash
Prime Finish
SKH-489
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Faceplate 5100* Wisconsin
Prime Finish
SKH-382
SKU 435183

Faceplate 5100* Wyoming
Prime Finish
SKH-466
SKU 484164

Wake Forest
Prime Finish
SKH-375
SKU 431105

Atlanta Hawks - Dunk
Prime Finish
10069
SKU 446104

Charlotte Hornets - Dunk
Prime Finish
10038
SKU 494103

Chicago Bu Dunk
Prime Fini
10056
SKU 420

Dallas Mavericks - Dunk
Prime Finish
10048
SKU 412101

Houston Rockets - Dunk
Prime Finish
10042
SKU 428113

Houston Rockets TeamColor
Prime Finish
10035
SKU 465108

Indiana Pacers - Dunk
Prime Finish
10067
SKU 484124

L.A. Lakers - 2001 Champs
Prime Finish
10057
SKU 425116

L.A. Lakers - Dunk
Prime Finish
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SKU 472121

N.Y. Knicks - Dunk
Prime Finish
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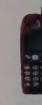
SKU 454117



Philadelphia 76ers - Dunk
Prime Finish
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SKU 436174

Phil. 76ers - Color
Prime Fini
10059
SKU 470

Sacramento Kings - Dunk
Prime Finish
10040
SKU 460105

Sac. Kings - Team Color
Prime Finish
10036
SKU 448103

San Antonio Spurs - Dunk
Prime Finish
10062
SKU 445139

Utah Jazz - Dunk
Prime Finish
10039
SKU 461108

Clev Rockers - Team Color
Prime Finish
10032
SKU 420141

Houston Commets 4x Champs
Prime Finish
10063
SKU 422128

Houston Comets - Dunk
Prime Finish
10065
SKU 418130

Houston Comets Team Color
Prime Finish
10064
SKU 415102

Indiana Fe Dunk
Prime Fini
10052
SKU 486

L.A. Sparks - Dunk
Prime Finish
10051
SKU 494116

L.A. Sparks - Team Color
Prime Finish
10050
SKU 452168

N.Y. Liberty - Dunk
Prime Finish
10075
SKU 452120

N.Y. Liberty - Team Color
Prime Finish
10033
SKU 417100

Sac Monarchs - Dunk
Prime Finish
10053
SKU 466107

Keypad for 3390/95
AleEv (formerly MTU)
21994
SKU 459377

Keypad for 3390/95
AleEv (formerly MTU)
21989
SKU 469378

Keypad for 3390/95
AleEv (formerly MTU)
21986
SKU 472333

Keypad for 3
AleEv (formerl
21984
SKU 493

Keypad for 3390/95
AleEv (formerly MTU)
21985
SKU 499314

FPF Tapole Frog
funphonefriend.com
A-05
SKU 417318

FPF Bully-Bulldog
funphonefriend.com
A-01
SKU 425345

FPF Funky Monkey
funphonefriend.com
A-22
SKU 440370

FPF Floppy Reg-Brown Dog
funphonefriend.com
A-3
SKU 441386

FPF ALI-Alligator
funphonefriend.com
A-19
SKU 454305

FPF Beary - Lavender Bear
funphonefriend.com
A-17
SKU 472388

FPF Santa
funphonefriend.com
A-27
SKU 474325

FPF Dangle Hanging
funphonefrie
A-15
SKU 481

FPF Munchie-Manatee
funphonefriend.com
A-24
SKU 482389

FPF Kit Kat- Cat
funphonefriend.com
A-10
SKU 486359

FPF Larry-Lobster
funphonefriend.com
A-7
SKU 488341

FPF Cheeser Mouse
funphonefriend.com
A-21
SKU 490397

FPF Oinky Pig
funphonefriend.com
A-09
SKU 491340

FPF Moo MOO - Cow
funphonefriend.com
A-20
SKU 499325

Travel Charger
Nokia
ACP-7U
SKU 12531

Illustration not currently available

Travel Charger
Nokia
ACP-12U
SKU 466345

Illustrat not curr availa

Standard Charg
Nokia
ACP-7
SKU 48

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Nokia Accessory Quick Pick

Illustration not currently available	**Rapid Travel Charger** Nokia ACP-8E SKU 486358	**Single Port Desktop Charging Stand** Nokia DCH-8 SKU 422198	**Connectivity Stand** Nokia 0273052 SKU 423159	**Connectivity Solution Kit** Nokia 0080438 SKU 475176	**Compact Desktop Charging Stand** Nokia DCH-9 SKU 96566	**Travel Charger** Wireless Solutions 93302 SKU 93302	**Active Mesh Carry Case** Nokia CSY-4 SKU 467194	**Leather Case with Belt Clip** Nokia CSF-1 SKU 489188	**Leather Case** Nokia CSL-1 SKU 17626
Horiz. Case Nokia 51/6100/7100 AleEv (formerly MTU) 21673 SKU 495312	**Case, Nokia 5100®-Vinyl** Superior Comm. 23008 SKU 39576	**Open-face Leather Case** Wireless Solutions 479142U SKU 18821	**Vinyl-face Leather Case** Wireless Solutions 93956 SKU 93956	**Phone Holster** Wireless Solutions 484194U SKU 418160	**Belt Clip** Nokia BCH-12U SKU 17654	**Belt Clip** Wireless Solutions 26612 SKU 26612	**Universal Belt Clip** Wireless Solutions 30754 SKU 30754	**Universal Belt Clip** Wireless Solutions 458379U SKU 413338
Junction Box, CARK-91 Nokia HFU-2 BULK SKU 86394	**Complete Car Kit** Nokia CARK-91US SKU 18531	**Replacement Power Cable** Nokia PCH-4J SKU 71434	**Complete Car Kit with Handset** Nokia CARK-91H SKU 76032	**Car Kit Cable** Nokia AXR-2 SKU 86748	**Replacement Cradle** Nokia MCC-1 BULK SKU 87764	**Handsfree Car Kit** Smarteq 70437 SKU 453100	**Dock & Talk,Nok 5100/6100** Superior Comm. 329 SKU 85627	**Adapter, Nokia 51/61/7100** ClearVox Communications CS-N61 SKU 89919
Earset Nokia 5100/6100 Jabra Corporation ESNOK51/61/71302 SKU 35018	**EarBoom Headset, 51/61/7100** Jabra Corporation EMNOK51/61/710300 SKU 429096	**EarBud Headset, 2.5mm** Jabra Corporation EBNOK51/61/710302 SKU 467078	**Earboom Winder** Jabra Corporation EMWINDERNOK5130 2 SKU 495157	**Headset, Nokia 32/51/61/7100** AleEv (formerly MTU) 91058 SKU 89244	**Headset Kit** Nokia HDC-9P SKU 61519	**Bud Headset Kit** Nokia HDE-1 SKU 467141	**Headset with Belt Clip** Nokia HDC-9K SKU 46328	**Inductive Loop** Nokia LPS-1 SKU 53969
TTY/TDD device, 6360 Nokia HDA-8 SKU 411167	**Plantronics Over-The-Head Headset** Plantronics M110 SKU 36909	**Over-The-Head Headset,Vol** Plantronics M114 SKU 36926	**Over-The-Ear Headset** Plantronics M120 SKU 36954	**Plantronics Over-The-Ear Headset** Plantronics M124 SKU 36981	**In-The Ear Headset** Plantronics M140/CHARCOAL SKU 37000	**In-The-Ear Headset, Vol** Plantronics M145 SKU 37004	**Headset Adapter - Nokia 5100/6100** Plantronics WTA-NK610 SKU 75407	**Plantronics Earbud Headset** Plantronics M205 SKU 437114
Over-Head/Ear Headset Plantronics M170 SKU 37022	**Over-Head/Ear Headset,Vol** Plantronics M175 SKU 37030	**Speakeasy Headset-Nokia** Superior Comm. 22852 SKU 95800	**All-in-ear Headset** Wireless Solutions 94174 SKU 94174	**Earboom** Wireless Solutions 458047U SKU 430160	**Earbud** Wireless Solutions 440061U SKU 410180	**Bud Headset** Wireless Solutions 428156U SKU 446119	**Starter Kit with Leather Case and VPA** Wireless Solutions 31124 SKU 31124	**Data Cable** Nokia DAU-9P SKU 17282
Mobile Holder Nokia MBC-1 SKU 70464	**Portable Solution, Holder** Pro.Fit International PS-1324 SKU 454079	**Holder, Nokia 6120/6190** AleEv (formerly MTU) 22148 SKU 17841	**Dual Band Mini-Mag Mount Antenna** Wireless Solutions 454106U SKU 444380	**Antenna Cable** Wireless Solutions 429108U SKU 412364	**Ant, Cell/PCS, Nokia 6120** Antenna Specialists ASPDM1944/CP SKU 43996	**ClearTalk, Nokia 6100-Ser** Superior Comm. 22819 SKU 54276	**ClearTalk, Nokia 6100-Ser** Superior Comm. 22818 SKU 97127	**Phone Cable, Ericsson 700 series** Antenna Specialists K346 SKU 41870

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Nokia Accessory Quick Pick

Nokia 6100 Series

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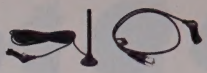
Phone Cable, Ericsson 200/300/ 600 series
Antenna Specialists
K345
SKU 20386

Phone Cable, Nokia 5100/6100 series
Antenna Specialists
K344
SKU 41865

Illustration not currently available



ClearConnect Cable
Superior Comm.
23043
SKU 70763

ClearConnect Cable/Antenna
Superior Comm.
22845
SKU 68265

External Antenna Adaptor
AleEv (formerly MTU)
40147
SKU 28009

Battery, 1100mah, Lilo Polymer
Nokia
BPS-2
SKU 427169

600 mAh Lithium Ion Battery
Nokia
BPS-1
SKU 470073

900mah, NiMH Battery
Nokia
BMS-2S
SKU 432080

Extended Lithium Ion Battery
Nokia
BLS-4
SKU 419030

Extended NiMH Vibra Battery
Nokia
BMS-2V
SKU 17658

900 mAh Lithium Ion Battery
Nokia
BLS-2N
SKU 17671

Vibrating Battery, 900mah, Lilo
Wireless Solutions
439192U
SKU 18546

Standard Battery, 900mah, Lilo
Wireless Solutions
487183U
SKU 82209

Rapid Cig Lighter/Ch
Nokia
LCH-9
SKU 12

Vehicle Power Adapter
Wireless Solutions
16647
SKU 16647

Saver/Charger-Nokia 6100
Superior Comm.
22821
SKU 53461

Maximizer-Nokia 5100/6100
Superior Comm.
22886
SKU 15068

IMaximizer-Nokia 5100/6100-Aqua.
Superior Comm.
00230
SKU 22789

IMaximizer-Nokia 5100/6100-Yellow
Superior Comm.
00228
SKU 22770

Faceplate - Earth Colored
Nokia
SKH-261
SKU 33172

Faceplate - Sky
Nokia
SKH-260
SKU 71565

FPF Tapole Frog
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SKU 417318

FPF Bully-B
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A-01
SKU 425

FPF Funky Monkey
funphonefriend.com
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SKU 440370

FPF Floppy Reg-Brown Dog
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SKU 441386

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funphonefriend.com
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SKU 454305

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SKU 472388

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SKU 474325

FPF Dangles- Dog Hanging Legs
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SKU 481374

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funphonefriend.com
A-24
SKU 482389

FPF Kit Kat- Cat
funphonefriend.com
A-10
SKU 486359

FPF Larry-L
funphonefrie
A-7
SKU 486

FPF Cheeser Mouse
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SKU 490397

FPF Oinky Pig
funphonefriend.com
A-09
SKU 491340

FPF Moo MOO - Cow
funphonefriend.com
A-20
SKU 499325

Travel Charger
Nokia
ACP-7U
SKU 12531

Illustration not currently available

Standard Travel Charger
Nokia
ACP-7E
SKU 480381

Illustration not currently available

Rapid Travel Charger
Nokia
ACP-8E
SKU 486358

Rapid Travel Charger
Nokia
ACP-8U
SKU 471158

Single Port Desktop Charging Stand
Nokia
DCH-8
SKU 422198

Connectivit
Nokia
027305
SKU 42

Connectivity Solution Kit
Nokia
0080438
SKU 475176

Compact Desktop Charging Stand
Nokia
DCH-9
SKU 96566

Travel Charger
Wireless Solutions
93302
SKU 93302

Active Mesh Carry Case
Nokia
CSY-4
SKU 467194

Open-face Leather Case
Nokia
CSL-4
SKU 17639

Open-face Leather Case
Nokia
CSL-4B
SKU 441124

Open-face Leather Case
Nokia
CBC-3
SKU 475083

Nokia Leather Case
Nokia
CBL-8
SKU 477008

Horiz. Case 51/6100/
AleEv (forme
2167
SKU 49

Open-face Leather Case 6120, 6160 only
Wireless Solutions
68995
SKU 68995

Open-face Leather Case 6162 only
Wireless Solutions
86316
SKU 86316

Vinyl-face Leather Case 6120, 6160 only
Wireless Solutions
97559
SKU 97559

Phone Holster
Wireless Solutions
484194U
SKU 418160

Belt Clip
Nokia
BCH-12U
SKU 17654

Belt Clip
Wireless Solutions
26612
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Universal Belt Clip
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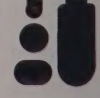
SKU 30754



Universal Belt Clip
Wireless Solutions
458379U
SKU 413338

Junction CARK
Nokia
HFU-2 B
SKU 86

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Nokia Accessory Quick Pick

Complete Car Kit
Nokia
CARK-91US
SKU 18531

Replacement Power Cable
Nokia
PCH-4J
SKU 71434

Complete Car Kit with Handset
Nokia
CARK-91H
SKU 76032

Car Kit Cable
Nokia
AXR-2
SKU 86748

Replacement Cradle
Nokia
MCC-1 BULK
SKU 87764

Handsfree Car Kit
Smarteq
70437
SKU 453100

Dock & Talk,Nok 5100/6100
Superior Comm.
329
SKU 85627

Over-the-ear Headset
ClearVox Communications
C-300
SKU 35716

Adapter, Nokia 51/61/7100
ClearVox Communications
CS-N61
SKU 89919

Earset Nokia 5100/6100
Jabra Corporation
ESNOK51/61/71302
SKU 35018

EarBoom Headset, 51/61/7100
Jabra Corporation
EMNOK51/61/710300
SKU 429096

EarBud Headset, 2.5mm
Jabra Corporation
EBNOK51/61/710302
SKU 467078

Earboom Winder
Jabra Corporation
EMWINDERNOK5130 2
SKU 495157

Headset, Nokia 32/51/61/7100
AleEv (formerly MTU)
91058
SKU 89244

Headset Kit
Nokia
HDC-9P
SKU 61519

Bud Headset Kit
Nokia
HDE-1
SKU 467141

Headset with Belt Clip
Nokia
HDC-9K
SKU 46328

Inductive Loop
Nokia
LPS-1
SKU 53969

TTY/TDD device, 6360
Nokia
HDA-8
SKU 411167

Plantronics Over-The-Head Headset
Plantronics
M110
SKU 36909

Over-The-Head Headset,Vol
Plantronics
M114
SKU 36926

Over-The-Ear Headset
Plantronics
M120
SKU 36954

Over-the-ear headset
Plantronics
M123-N2
SKU 437119

Plantronics Over-The-Ear Headset
Plantronics
M124
SKU 36981

Over Ear Headset
Plantronics
M133-N2
SKU 476150

In-The Ear Headset
Plantronics
M140/CHARCOAL
SKU 37000

Over-the-ear headset
Plantronics
M143-N2
SKU 462144

In-The-Ear Headset, Vol
Plantronics
M145
SKU 37004

Headset Adapter - Nokia 5100/6100
Plantronics
WTA-NK610
SKU 75407

Earbud Headset
Plantronics
M206-N2
SKU 488139

In-The-Ear Headset
Plantronics
MX103-N2
SKU 453376

Plantronics Earbud Headset
Plantronics
M205
SKU 437114

Over-Head/Ear Headset
Plantronics
M170
SKU 37022

Over-Head/Ear Headset,Vol
Plantronics
M175
SKU 37030

Speakeasy Headset-Nokia
Superior Comm.
22852
SKU 95800

All-in-ear Headset
Wireless Solutions
94174
SKU 94174

Earboom
Wireless Solutions
458047U
SKU 430160

Earbud
Wireless Solutions
440061U
SKU 410180

Bud Headset
Wireless Solutions
428156U
SKU 446119

Starter Kit with Leather Case and VPA
Wireless Solutions
40351-STARTER KIT
SKU 40351

Data Suite 3.0 & Data Cable
Nokia
DATA SUITE 3
SKU 31369

Data Cable
Nokia
DAU-9P
SKU 17282

Mobile Holder
Nokia
MBC-1
SKU 70464

UltiMount
Pro.Fit International
UL747
SKU 28327

Portable Solution, Holder
Pro.Fit International
PS-1324
SKU 454079

Holder, Nokia 6120/6190
AleEv (formerly MTU)
22148
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Ant, Cell/PCS, Nokia 6120
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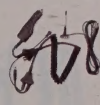
ASPDM1944/CP
SKU 43996



ClearTalk, Nokia 6100-Ser
Superior Comm.
22819
SKU 54276

Illustration not currently available

ClearTalk, Nokia 6100-Ser
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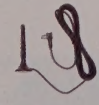
SKU 97127



Ext Ant Kit 5100/613200 NOK
AleEv (formerly MTU)
80155
SKU 480306

Illustration not currently available

Phone Cable, Ericsson 700 series
Antenna Specialists
K346
SKU 41870

Illustration not currently available

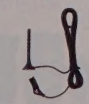
Phone Cable, Ericsson 200/300/600 series
Antenna Specialists
K345
SKU 20386

Phone Cable, Nokia 5100/6100 series
Antenna Specialists
K344
SKU 41865

Illustration not currently available

ClearConnect Cable
Superior Comm.
23043
SKU 70763

ClearConnect Cable/Antenna
Superior Comm.
22845
SKU 68265



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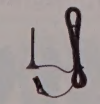

ClearConnect/Ant, 6161
Superior Comm.
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SKU 55051

External Antenna Adaptor
AleEv (formerly MTU)
40147
SKU 28009

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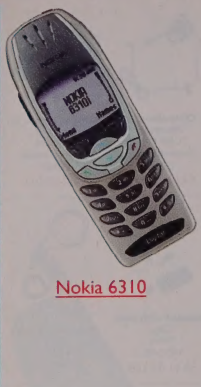
Nokia Accessory Quick Pick



Nokia 6310

Battery, 1100mah, Lilo Polymer
Nokia
BPS-2
SKU 427169

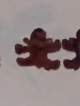
900mah, NiMH Battery
Nokia
BMS-25
SKU 432080

Rapid Cigarette Lighter/Charger
Nokia
LCH-9
SKU 12634

FPF Tapole Frog
funphonefriend.com
A-05
SKU 417318

FPF Bully-Bulldog
funphonefriend.com
A-01
SKU 425345

FPF Funky Monkey
funphonefriend.com
A-22
SKU 440370



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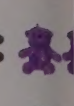
funphonefriend.com
A-3
SKU 441386

FPF ALI-Alligator
funphonefriend.com
A-19
SKU 454305



FPF Bea Lavender
funphonefrie
A-17
SKU 472

FPF Santa
funphonefriend.com
A-27
SKU 474325

FPF Dangles- Dog Hanging Legs
funphonefriend.com
A-15
SKU 481374

FPF Munchie-Manatee
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SKU 482389

FPF Kit Kat- Cat
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A-10
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FPF Larry-Lobster
funphonefriend.com
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SKU 488341

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A-21
SKU 490397

FPF Oinky Pig
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A-09
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Travel Ch
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SKU 466

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Nokia
ACP-7E
SKU 480381

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Nokia
ACP-BE
SKU 486358

Rapid Travel Charger
Nokia
ACP-8U
SKU 471158

Connectivity Stand
Nokia
0273052
SKU 423159

Leather Case w/ swivel
Nokia
CSL-17
SKU 457384

Horizontal Leather Case
Nokia
CSL-17
SKU 433194

Phone Holster, Medium
Nite Ize
SUMP-07-01
SKU 437345

Boxit Phone Case, Onyx
Nite Ize
NBX-07-01
SKU 422375

Boxit Phone Cryst
Nite Ize
NBX-07-
SKU 424

Boxit Phone Case, Citron
Nite Ize
NBX-07-28
SKU 467363

Boxit Phone Case, Aqua
Nite Ize
NBX-07-03
SKU 482355

CARK-122, 6310i,Bluetooth
Nokia
CARK-112
SKU 456379

Junction Box, CARK-91
Nokia
HFU-2 BULK
SKU 86394

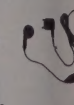
Complete Car Kit
Nokia
CARK-91US
SKU 18531

Complete Car Kit with Handset
Nokia
CARK-91H
SKU 76032

Handset Kit
Nokia
HSU-1
SKU 19402

Illustration not currently available

NOKIA HDW-2, Bluetooth Headset
Nokia
HDW-2
SKU 450379



Headset
Nokia
HDC-9
SKU 61

Bud Headset Kit
Nokia
HDE-1
SKU 467141

TTY/TDD device, 6360
Nokia
HDA-8
SKU 411167

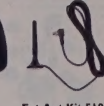
Loopset
Nokia
LPS-3
SKU 70381

Data Interface Cable
Nokia
DLR-3P
SKU 466015

Illustration not currently available

Data Interface Cable
Nokia
DKU-6
SKU 483326

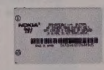
Mobile Holder
Nokia
MBC-1
SKU 70464



Ext Ant Kit 5100/ 613200 NOK
AleEv (formerly MTU)
80155
SKU 480306

Nokia 6360

Battery, 1000 maH, Lilo
Nokia
BLB-3
SKU 434074



650 mAh Lithium Ion Battery
Nokia
BLB-2
SKU 412028

Battery, 900mah, Lilo
Wireless Solutions
422093U
SKU 456006

Rapid Cigarette Lighter/Charger
Nokia
LCH-9
SKU 12634

Vehicle Power Adapter
Wireless Solutions
16647
SKU 16647

FPF Tapole Frog
funphonefriend.com
A-05
SKU 417318

FPF Bully-Bulldog
funphonefriend.com
A-01
SKU 425345

FPF Funky Monkey
funphonefriend.com
A-22
SKU 440370

FPF Flopp Brown
funphonefri
A-3
SKU 44

FPF ALI-Alligator
funphonefriend.com
A-19
SKU 454305

FPF Beary - Lavender Bear
funphonefriend.com
A-17
SKU 472388

FPF Santa
funphonefriend.com
A-27
SKU 474325

FPF Dangles- Dog Hanging Legs
funphonefriend.com
A-15
SKU 481374

FPF Munchie-Manatee
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A-24
SKU 482389

FPF Kit Kat- Cat
funphonefriend.com
A-10
SKU 486359

FPF Larry-Lobster
funphonefriend.com
A-7
SKU 488341

FPF Cheeser Mouse
funphonefriend.com
A-21
SKU 490397

FPF Oin
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A-0
SKU 49

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Nokia Accessory Quick Pick

FPF Moo MOO - Cow
funphonefriend.com
A-20
SKU 499325

Travel Charger
Nokia
ACP-7U
SKU 12531

Travel Charger
Nokia
ACP-12U
SKU 466345

Illustration not currently available

Standard Travel Charger
Nokia
ACP-7E
SKU 480381

Illustration not currently available

Rapid Travel Charger
Nokia
ACP-8E
SKU 486358

Rapid Travel Charger
Nokia
ACP-8U
SKU 471158

Single Port Desk Top Charging Stand
Nokia
DDC-1
SKU 458042

Single Port Desktop Charging Stand
Nokia
DCH-8
SKU 422198

Connectivity Stand
Nokia
0273052
SKU 423159

Connectivity Solution Kit
Nokia
0080438
SKU 475176

Travel Charger
Wireless Solutions
93302
SKU 93302

Leather Case w/ swivel
Nokia
CSL-27
SKU 457384

Leather Case
Nokia
CSL-21
SKU 494378

Horizontal Leather Case
Nokia
CSL-17
SKU 433194

Horiz. Case Nokia 51/6100/7100
AleEv (formerly MTU)
21673
SKU 495312

Open-face Leather Case
Wireless Solutions
445336U
SKU 468383

Phone Holster
Wireless Solutions
480363U
SKU 449367

Phone Holster, Medium
Nite Ize
SUMP-07-01
SKU 437345

Boxit Phone Case, Onyx
Nite Ize
NBX-07-01
SKU 422375

Boxit Phone Case, Crystal
Nite Ize
NBX-07-04
SKU 424372

Boxit Phone Case, Citron
Nite Ize
NBX-07-28
SKU 467363

Boxit Phone Case, Aqua
Nite Ize
NBX-07-03
SKU 482355

Junction Box, CARK-91
Nokia
HFU-2 BULK
SKU 86394

Complete Car Kit
Nokia
CARK-91US
SKU 18531

Complete Car Kit with Handset
Nokia
CARK-91H
SKU 76032

Handset Kit
Nokia
HSU-1
SKU 19402

Headset Kit
Nokia
HDC-9P
SKU 61519

Bud Headset Kit
Nokia
HDE-1
SKU 467141

Inductive Loop
Nokia
LPS-1
SKU 53969

TTY/TDD device, 6360
Nokia
HDA-8
SKU 411167

All-in-ear Headset
Wireless Solutions
94174
SKU 94174

Earboom
Wireless Solutions
458047U
SKU 430160

Earbud
Wireless Solutions
440061U
SKU 410180

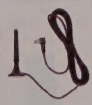
Data Interface Cable
Nokia
DLR-3P
SKU 466015

Illustration not currently available

Data Interface Cable
Nokia
DKU-6
SKU 483326

Data Cable
Nokia
DAU-9P
SKU 17282

Mobile Holder
Nokia
MBC-1
SKU 70464



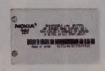
Ext Ant Kit 5100/ 613200 NOK
AleEv (formerly MTU)
80155
SKU 480306

Phone Cable, Nokia 5100/6100 series
Antenna Specialists
K344
SKU 41865

Illustration not currently available

ClearConnect Cable
Superior Comm.
23043
SKU 70763

ClearConnect Cable/Antenna
Superior Comm.
22845
SKU 68265



650 mAh Lithium Ion Battery
Nokia
BLB-2
SKU 412028

Battery, 900mah, Lilo
Wireless Solutions
422093U
SKU 456006

Rapid Cigarette Lighter/Charger
Nokia
LCH-9
SKU 12634

Vehicle Power Adapter
Wireless Solutions
16647
SKU 16647

FPF Tapole Frog
funphonefriend.com
A-05
SKU 417318

FPF Bully-Bulldog
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A-01
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SKU 440370

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SKU 454305

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A-24
SKU 482389

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funphonefriend.com
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SKU 486359

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funphonefriend.com
A-7
SKU 488341

FPF Cheeser Mouse
funphonefriend.com
A-21
SKU 490397

FPF Oinky Pig
funphonefriend.com
A-09
SKU 491340

FPF Moo MOO - Cow
funphonefriend.com
A-20
SKU 499325

Xpress - on
Nokia
SKR-181
SKU 424319

Xpress - on
Nokia
SKR-182
SKU 464308

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SKU 469382

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SKR-179
SKU 479353

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ACP-7U
SKU 12531

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Travel Charger
Nokia
ACP-12U
SKU 466345

Illustration not currently available

Standard Travel Charger
Nokia
ACP-7E
SKU 480381

Illustration not currently available

Rapid Travel Charger
Nokia
ACP-8E
SKU 486358

Rapid Travel Charger
Nokia
ACP-8U
SKU 471158

Single Port Desk Top Charging Stand
Nokia
DDC-1
SKU 458042

Desktop Ch Stand
Nokia
DCD-1
SKU 434

Travel Charger
Wireless Solutions
93302
SKU 93302

Leather Case
Nokia
CSH-3
SKU 460057

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Leather Carry Case with Shoulder Strap
Nokia
CBU-3
SKU 488150

Leather Case
Nokia
CSL-21
SKU 494378

Leather Carry Sleeve
Nokia
CSL-18
SKU 485173

Blue Microfiber Case
Nokia
CSM-10
SKU 441163

White Microfiber Case
Nokia
CSM-10W
SKU 448190

Silver Microfiber Case
Nokia
CSM-10S
SKU 458160

Phone Hol Mediu
Nite Ize
SUMP-07
SKU 437

Boxit Phone Case, Onyx
Nite Ize
NBX-07-01
SKU 422375

Boxit Phone Case, Crystal
Nite Ize
NBX-07-04
SKU 424372

Boxit Phone Case, Citron
Nite Ize
NBX-07-28
SKU 467363

Boxit Phone Case, Aqua
Nite Ize
NBX-07-03
SKU 482355

Universal Belt Clip
Wireless Solutions
30754
SKU 30754

Universal Belt Clip
Wireless Solutions
458379U
SKU 413338

Portable Handsfree Kit
Nokia
CARK-130
SKU 421166

Handsfree Car Kit
Nokia
CARK-132
SKU 491188

Earset Noki 8200, 8
Jabra Corpo
ESNOK88
SKU 59

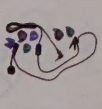
Earboom Winder
Jabra Corporation
EMWINDERNOK8830
2
SKU 458103

Dual Headset
Nokia
HDD-1
SKU 430359

Headset Kit
Nokia
HDE-2
SKU 461199

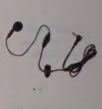
Headset Kit
Nokia
HDB-5
SKU 443374

Loopset
Nokia
LPS-3
SKU 70381



Earboom
Wireless Solutions
497057U
SKU 475040

Earbud
Wireless Solutions
426080U
SKU 488021



Bud Headset
Wireless Solutions
440193U
SKU 458165

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Nokia
MBD-1
SKU 49

UltiMount
Pro.Fit International
UL747
SKU 28327

Nokia 7210

NOKIA BLD-3 battery, 7210
Nokia
BLD-3
SKU 447351

NOKIA SKR-247, Red, 7210
Nokia
SKR-247
SKU 435364

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NOKIA SKR-243, Black, 7210
Nokia
SKR-243
SKU 444386

NOKIA SKR-251, Yellow, 7210
Nokia
SKR-251
SKU 449361

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SKU 417318

FPF Bully-Bulldog
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SKU 425345

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SKU 440370

FPF Floppy Reg-Brown Dog
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SKU 441386

FPF ALI-A
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A-1
SKU 45

FPF Spotty Flip-Dalmation Dog
funphonefriend.com
A-16
SKU 468391

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A-27
SKU 474325

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SKU 481374

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SKU 482389

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SKU 486359

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SKU 488341

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SKU 490397

FPF Oinky Pig
funphonefriend.com
A-09
SKU 491340

FPF Moo Co
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A-2
SKU 45

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Travel Charger
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DCV-14
SKU 445347

Leather Carry Case
Nokia
CSL-23
SKU 417306

Phone Holster, Medium
Nite Ize
SUMP-07-01
SKU 437345

Boxit Phone Case, Onyx
Nite Ize
NBX-07-01
SKU 422375

Boxit Phone Case, Crystal
Nite Ize
NBX-07-04
SKU 424372

Boxit Phone Case, Citron
Nite Ize
NBX-07-28
SKU 467363

Boxit Phone Case, Aqua
Nite Ize
NBX-07-03
SKU 482355

NOK HDS-3 stereo headset
Nokia
HDS-3
SKU 434346

NOKIA HDB-4, Boom Headset
Nokia
HDB-4
SKU 420363

NOKIA BHF-1 Headrest HF
Nokia
BHF-1
SKU 471351

Illustration not currently available

Loopset
Nokia
LPS-4
SKU 437360

Nokia 8260

Battery, 1000 maH, Lilo
Nokia
BLB-3
SKU 434074

650 mAh Lithium Ion Battery
Nokia
BLB-2
SKU 412028

Battery, 900mah, Lilo
Wireless Solutions
422093U
SKU 456006

Rapid Cigarette Lighter/Charger
Nokia
LCH-9
SKU 12634

Vehicle Power Adapter
Wireless Solutions
16647
SKU 16647

FPF Tapole Frog
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SKU 417318

FPF Bully-Bulldog
funphonefriend.com
A-01
SKU 425345

FPF Funky Monkey
funphonefriend.com
A-22
SKU 440370

FPF ALI-Alligator
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A-19
SKU 454305

FPF Santa
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SKU 474325

FPF Dangles- Dog Hanging Legs
funphonefriend.com
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SKU 481374

FPF Munchie-Manatee
funphonefriend.com
A-24
SKU 482389

FPF Kit Kat- Cat
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A-10
SKU 486359

FPF Larry-Lobster
funphonefriend.com
A-7
SKU 488341

FPF Cheeser Mouse
funphonefriend.com
A-21
SKU 490397

FPF Oinky Pig
funphonefriend.com
A-09
SKU 491340

FPF Moo MOO - Cow
funphonefriend.com
A-20
SKU 499325

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Travel Charger
Nokia
ACP-12U
SKU 466345

Rapid Travel Charger
Nokia
ACP-8U
SKU 471158

Single Port Desk Top Charging Stand
Nokia
DDC-1
SKU 458042

Single Port Desk Top Charging Stand
Nokia
DCV-11
SKU-84300

Travel Charger
Wireless Solutions
93302
SKU 93302

Leather Case with Swivel and Belt Clip
Nokia
CSH-1
SKU 477073

Vinyl-face Leather Case
Wireless Solutions
411040U
SKU 451047

Open-face Leather Case
Wireless Solutions
422057U
SKU 466095

Phone Holster
Wireless Solutions
429137U
SKU 418161

Belt Clip, 8260
Nokia
SKB-3
SKU 441003

Universal Belt Clip
Wireless Solutions
30754
SKU 30754

Universal Belt Clip
Wireless Solutions
458379U
SKU 413338

Illustration not currently available

PPH-3, Plug and Play
Nokia
PPH-3
SKU 454371

Installed Handsfree Car Kit
Nokia
CARK-120
SKU 79026

Handsfree Car Kit
Smarteq
70939
SKU 464197

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Earset Nokia 3300, 8200, 8800
Jabra Corporation
ESNOK8860302
SKU 59796

EarBoom Headset, 8260, 8290, 8810, 8860, 8890
Jabra Corporation
EMNOK8860302
SKU 460032

EarBud Headset
Jabra Corporation
EBNOK8860302
SKU 415073

Earboom Winder
Jabra Corporation
EMWINDERNOK8830
2
SKU 458103

Headset Kit
Nokia
HDC-5
SKU 498000

Headset Kit
Nokia
HDE-2
SKU 461199

Headset Kit
Nokia
HDB-5
SKU 443374

Loopset
Nokia
LPS-3
SKU 70381

Plantronics Over-The-Ear Headset
Plantronics
M133-N1
SKU 475183

Plantronics In-The-Ear Headset
Plantronics
MX103-N1
SKU 486383

Earbud Headset
Plantronics
M206-N1
SKU 450124

Earboom
Wireless Solutions
497057U
SKU 475040

Earbud
Wireless Solutions
426080U
SKU 488021

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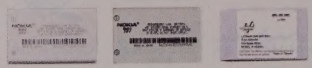
Nokia Accessory Quick Pick

Bud Headset
Wireless Solutions
440193U
SKU 458165

Starter Kit, 8260
Nokia
496046/12264
SKU 472191

Starter Kit with Leather Case and VPA
Wireless Solutions
38868U
SKU 460078

Nokia 8265



Battery, 1000 maH, Lilo
Nokia
BLB-3
SKU 434074

650 mAh Lithium Ion Battery
Nokia
BLB-2
SKU 412028

Battery, 900mah, Lilo
Wireless Solutions
422093U
SKU 456006

Rapid Cigarette Lighter/Charger
Nokia
LCH-9
SKU 12634

Vehicle Power Adapter
Wireless Solutions
16647
SKU 16647

FPF Tapole Frog
funphonefriend.com
A-05
SKU 417318

FPF Bully-Bulldog
funphonefriend.com
A-01
SKU 425345

FPF Funky Monkey
funphonefriend.com
A-22
SKU 440370

FPF ALL-All
funphonefrien
A-19
SKU 45

FPF Santa
funphonefriend.com
A-27
SKU 474325

FPF Dangles- Dog Hanging Legs
funphonefriend.com
A-15
SKU 481374

FPF Munchie-Manatee
funphonefriend.com
A-24
SKU 482389

FPF Kit Kat- Cat
funphonefriend.com
A-10
SKU 486359

FPF Larry-Lobster
funphonefriend.com
A-7
SKU 488341

FPF Cheeser Mouse
funphonefriend.com
A-21
SKU 490397

FPF Oinky Pig
funphonefriend.com
A-09
SKU 491340

FPF Moo MOO - Cow
funphonefriend.com
A-20
SKU 499325

Xpress -
Nokia
SKR-19
SKU 415

Xpress - on
Nokia
SKR-198
SKU 466334

Xpress - on
Nokia
SKR-197
SKU 485334

Xpress - on
Nokia
SKR-196
SKU 489383

Travel Charger
Nokia
ACP-7U
SKU 12531

Travel Charger
Nokia
ACP-12U
SKU 466345

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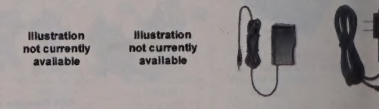

Standard Travel Charger
Nokia
ACP-7E
SKU 480381

Rapid Travel Charger
Nokia
ACP-8E
SKU 486358

Rapid Travel Charger
Nokia
ACP-8U
SKU 471158

Travel Ch
Wireless Se
93302
SKU 93

Leather Carry Case
Nokia
CSL-23
SKU 417306

Hard Leather Case, CSL-22
Nokia
CSL-22
SKU 466304

Vinyl-face Leather Case
Wireless Solutions
411040U
SKU 451047

Swivel Case for Nokia 8265
Wireless Solutions
465382
SKU 412395

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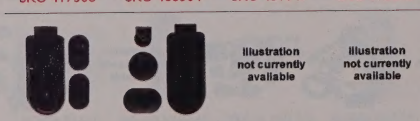
Phone Holster, Small
Nite Ize
SUSP-07-01
SKU 475394

Boxit Phone Case, Onyx
Nite Ize
NBX-07-01
SKU 422375

Boxit Phone Case, Crystal
Nite Ize
NBX-07-04
SKU 424372

Boxit Phone Case, Citron
Nite Ize
NBX-07-28
SKU 467363

Boxit Phon Aqua
Nite Ize
NBX-07
SKU 48



Universal Belt Clip
Wireless Solutions
30754
SKU 30754

Universal Belt Clip
Wireless Solutions
458379U
SKU 413338

Express Handsfree Car Kit
Nokia
CARK-141
SKU 435367

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Illustration not currently available

Freespeak Bluetooth Headset w/Adapter
Jabra Corporation
100-91430000-02
SKU 477309

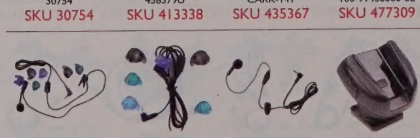
Dual Headset
Nokia
HDD-1
SKU 430359

Headset Kit
Nokia
HDC-5
SKU 498000

Headset Kit
Nokia
HDE-2
SKU 461199

Headset Kit
Nokia
HDB-5
SKU 443374

Loop
Nok
LPS-
SKU 70



Earboom
Wireless Solutions
497057U
SKU 475040

Earbud
Wireless Solutions
426080U
SKU 488021

Bud Headset
Wireless Solutions
440193U
SKU 458165

Mobile Holder
Nokia
MBD-11
SKU 487353

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Nokia 8270

Rapid Cigarette Lighter/Charger
Nokia
LCH-9
SKU 12634

Xpress - on
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SKH-648
SKU 477372

FPF Tapole Frog
funphonefriend.com
A-05
SKU 417318

FPF Bully-Bulldog
funphonefriend.com
A-01
SKU 425345

FPF Funky Monkey
funphonefriend.com
A-22
SKU 440370

FPF ALI-Alligator
funphonefriend.com
A-19
SKU 454305

FPF Santa
funphonefriend.com
A-27
SKU 474325

FPF Dangles- Dog Hanging Legs
funphonefriend.com
A-15
SKU 481374

FPF Munchie-Manatee
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A-24
SKU 482389

FPF Kit Kat- Cat
funphonefriend.com
A-10
SKU 486359

FPF Larry-Lobster
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A-7
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FPF Cheeser Mouse
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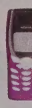
A-21
SKU 490397

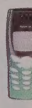
FPF Oinky Pig
funphonefriend.com
A-09
SKU 491340

FPF Moo MOO - Cow
funphonefriend.com
A-20
SKU 499325



Xpress - on
Nokia
SKH-649
SKU 472317

Xpress - on
Nokia
SKH-650
SKU 477347



Xpress - on
Nokia
SKH-651
SKU 483399

Rapid Travel Charger
Nokia
ACP-8U
SKU 471158

Single Port Desk Top Charging Stand
Nokia
DDC-1
SKU 458042

Case, Nokia 8270-BOX
Nokia
CSL-28
SKU 446355

Phone Holster, Small
Nite Ize
SUSP-07-01
SKU 475394

Illustration not currently available

Boxit Phone Case, Onyx
Nite Ize
NBX-07-01
SKU 422375

Boxit Phone Case, Crystal
Nite Ize
NBX-07-04
SKU 424372

Boxit Phone Case, Citron
Nite Ize
NBX-07-28
SKU 467363

Boxit Phone Case, Aqua
Nite Ize
NBX-07-03
SKU 482355

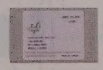
Dual Headset
Nokia
HDD-1
SKU 430359

Headset Kit
Nokia
HDC-5
SKU 498000

Headset Kit
Nokia
HDE-2
SKU 461199

Nokia 8290

650 mAh Lithium Ion Battery
Nokia
BLB-2
SKU 412028



Battery, 600mah, Lilo
Wireless Solutions
454094U
SKU 419037

Rapid Cigarette Lighter/Charger
Nokia
LCH-9
SKU 12634

Vehicle Power Adapter
Wireless Solutions
16647
SKU 16647

Faceplate - Storm Black
Nokia
SKH-425
SKU 495040

Faceplate - Laguna Blue
Nokia
SKH-423
SKU 471084

Faceplate- Coral Red
Nokia
SKH-598
SKU 493004

Faceplate - Pure White
Nokia
SKH-606
SKU 485006

Faceplate - Berry Red
Nokia
SKH-609
SKU 434001

Faceplate - Blaze Orange
Nokia
SKH-610
SKU 434024

Faceplate - Lizard Green
Nokia
SKH-611
SKU 451016

FPF Tapole Frog
funphonefriend.com
A-05
SKU 417318

FPF Bully-Bulldog
funphonefriend.com
A-01
SKU 425345

FPF Funky Monkey
funphonefriend.com
A-22
SKU 440370

FPF ALI-Alligator
funphonefriend.com
A-19
SKU 454305

FPF Santa
funphonefriend.com
A-27
SKU 474325

FPF Dangles- Dog Hanging Legs
funphonefriend.com
A-15
SKU 481374

FPF Munchie-Manatee
funphonefriend.com
A-24
SKU 482389

FPF Kit Kat- Cat
funphonefriend.com
A-10
SKU 486359

FPF Larry-Lobster
funphonefriend.com
A-7
SKU 488341

FPF Cheeser Mouse
funphonefriend.com
A-21
SKU 490397

FPF Oinky Pig
funphonefriend.com
A-09
SKU 491340

FPF Moo MOO - Cow
funphonefriend.com
A-20
SKU 499325

Illustration not currently available

Travel Charger
Nokia
ACP-12U
SKU 466345

Single Port Desk Top Charging Stand
Nokia
DDC-1
SKU 458042

Desktop Charging Stand
Nokia
DCV-1B
SKU 84302

Travel Charger
Wireless Solutions
93302
SKU 93302

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Nokia Accessory Quick Pick

Leather Case
Nokia
CSH-3
SKU 460057

Leather Case
Nokia
CSL-10
SKU 497064

Open-face Leather Case
Wireless Solutions
491000U
SKU 418040

Universal Belt Clip
Wireless Solutions
30754
SKU 30754

Universal Belt Clip
Wireless Solutions
458379U
SKU 413338

Illustration not currently available

Express Handsfree Car Kit
Nokia
CARK-141
SKU 435367

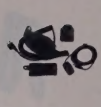

Express Car Kit
Nokia
CARK-124
SKU 88946

Illustration not currently available

EarBoom H
8260, 8290
8860, 8
Jabra Corp
EMNOK88
SKU 46

EarBud Headset
Jabra Corporation
EBNOK8860302
SKU 415073

Earboom Winder
Jabra Corporation
EMWINDERNOK8830
2
SKU 458103

Dual Headset
Nokia
HDD-1
SKU 430359

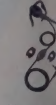
Headset Kit
Nokia
HDC-5
SKU 498000

Headset Kit
Nokia
HDE-2
SKU 461199

Headset Kit
Nokia
HDB-5
SKU 443374

Inductive Loop
Nokia
LPS-1
SKU 53969

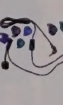
Loopset
Nokia
LPS-3
SKU 70381


Plantronic
The-Ear
Plantro
M133-
SKU 47

In-The-Ear Headset, 3360
Plantronics
M143-N1
SKU 490113

Plantronics In-The-Ear Headset
Plantronics
MX103-N1
SKU 486383

Earbud Headset
Plantronics
M206-N1
SKU 450124


Earboom
Wireless Solutions
497057U
SKU 475040

Earbud
Wireless Solutions
426080U
SKU 488021

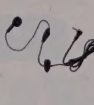

Bud Headset
Wireless Solutions
440193U
SKU 458165

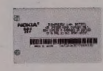
Illustration not currently available

Starter Kit, Nokia 8290
Wireless Solutions
38868U
SKU 453173

Mobile Holder
Nokia
SKB-2
SKU 93586

UltiM
Pro.Fit Inte
UL7
SKU 2

Nokia 8310, 8390


650 mAh Lithium Ion Battery
Nokia
BLB-2
SKU 412028

Battery, 600mah, LiIo
Wireless Solutions
454094U
SKU 419037

Rapid Cigarette Lighter/Charger
Nokia
LCH-9
SKU 12634

Vehicle Power Adapter
Wireless Solutions
16647
SKU 16647

Faceplate, Dusk
Nokia
SKR-143
SKU 488173

Faceplate, Eternal
Nokia
SKR-140
SKU 464195

Faceplate, Flame
Nokia
SKR-138
SKU 412197

Faceplate, Sunrise
Nokia
SKR-139
SKU 479178

Faceplate,
Nok
SKR-
SKU 4

Faceplate, Tranquil
Nokia
SKR-141
SKU 429192

FPF Daisy Denim Flip- Jean Flower
funphonefriend.com
A-25
SKU 427352

FPF Spotty Flip-Dalmation Dog
funphonefriend.com
A-16
SKU 468391

FPF Floppy Flip-Golden Dog
funphonefriend.com
A-4
SKU 498359

Illustration not currently available

Travel Charger
Nokia
ACP-12U
SKU 466345

Rapid Travel Charger
Nokia
ACP-8U
SKU 471158

Single Port Desk Top Charging Stand
Nokia
DDC-1
SKU 458042

Desktop Charging Stand
Nokia
DCD-1
SKU 434192

Travel C
Wireless
93
SKU 5

Leather Case
Nokia
CSH-3
SKU 460057

Illustration not currently available

Leather Carry Case with Shoulder Strap
Nokia
CBL-3
SKU 488150

Leather Case
Nokia
CSL-21
SKU 494378

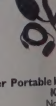
Leather Carry Sleeve
Nokia
CSL-18
SKU 485173

Blue Microfiber Case
Nokia
CSM-10
SKU 441163

White Microfiber Case
Nokia
CSM-10W
SKU 448190

Silver Microfiber Case
Nokia
CSM-10S
SKU 458160

Open-face Leather Case
Wireless Solutions
491000U
SKU 418040


Portable
K
Ne
CAR
SKU 4

Handsfree Car Kit
Nokia
CARK-132
SKU 491188

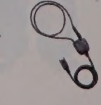
Earboom Winder
Jabra Corporation
EMWINDERNOK8830
2
SKU 458103

Dual Headset
Nokia
HDD-1
SKU 430359

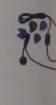
Headset Kit
Nokia
HDC-5
SKU 498000

Headset Kit
Nokia
HDE-2
SKU 461199

Headset Kit
Nokia
HDB-5
SKU 443374


Loopset
Nokia
LPS-3
SKU 70381

In-The-Ear Headset, 3360
Plantronics
M143-N1
SKU 490113


Earl
Wireless
497
SKU

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FAX 410-527-0005
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See TESSCO.com for latest pricing and
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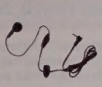
Nokia Accessory Quick Pick

Earbud
Wireless Solutions
426080U
SKU 488021



Bud Headset
Wireless Solutions
440193U
SKU 458165

Mobile Holder
Nokia
MBD-10
SKU 498186

Battery
Nokia
BLL-3
SKU 421116

Rapid Cigarette Lighter/Charger
Nokia
LCH-9
SKU 12634

Vehicle Power Adapter
Wireless Solutions
16647
SKU 16647

Illustration not currently available

Travel Charger
Nokia
ACP-12U
SKU 466345

Rapid Travel Charger
Nokia
ACP-8U
SKU 471158

Connectivity Stand with Sync Button
Nokia
0273476
SKU 497131

Dual Port Desk Top Charging Stand
Nokia
DCH-10
SKU 448229

Travel Charger
Wireless Solutions
93302
SKU 93302

Leather Case
Nokia
CSL-25
SKU 497238

Leather Case
Nokia
CSL-26
SKU 473254

Illustration not currently available

Phone Holster, Large
Nite Ize
SULP-07-01
SKU 474377

Handsfree Car Kit
Nokia
CARK-109
SKU 469102

Headset
Nokia
HDC-8L
SKU 419143

Bud Headset Kit with answer/end button
Nokia
HDC-8L
SKU 474228

64mb Memory Card
Nokia
DTS-64
SKU 462123

Data Interface Cable
Nokia
DLR-2L
SKU 423259

Nokia, CMD-2, Digital camera
Nokia
CMD-2
SKU 419318

Nokia 9290

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Nokia 1260

Compatible Phone Models:

Nokia 1260
Nokia 1261

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

Nokia Portable Phone Batteries

410093

483079

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
410093 1 EACH	Nokia BLC-2 1 Year	Extended Li-Ion Battery. 850mah LiIo 3 hours 45 minutes/ 9.5 Days	59.00 0.3 0.14	30.70 29.65 29.53
483079 1 EACH	Nokia BMC-3 1 Year	Extended Battery 900mah NiMH 3 hours 45 minutes/ 9.5 Days	34.95 0.3 0.14	14.88 14.38 14.32

Wireless Solutions Batteries

439374

- High Quality, Great Value
- Attractive retail packaging that promotes self selection and consumer education
- Available with merchandising system that drives multiple and repeat purchases to improve overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **439374** 1 EACH	Wireless Solutions 484129U Lifetime	Replacement Battery White 600 mAh LiIo 1 to 3 hours DTT/1 to 4 days DST	30.55 0.35 0.16	21.52 17.51 15.76

Vehicle Power Adapters [275-10]

Nokia (OEM) Vehicle Power Adapters

12634

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories. These products are used by directly plugging onto the phone without removing the battery. Provides power to the phone and charges the battery at the same time.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
12634 1 EACH	Nokia LCH-9 Lifetime	Vehicle Power Adapter. Retail Packaged.	19.95 0.32 0.15	7.63 7.39 7.34

Wireless Solutions Vehicle Power Adapter

16647

Wireless Solutions Vehicle adapters are a great value, and high quality. Quality tested cable returns to original shape after multiple stretches. Attractive retail packaging.

- Variable rate charging for safety & convenience (no overcharging)
- Enough current to make a call with a discharged battery
- Attractive retail packaging that promotes self s tion and consumer education
- Available with revolutionary merchandising sys that drives multiple and repeat purchase to im overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
16647 1 EACH	Wireless Solutions 16647 1 Year	Vehicle Power Adapter. Retail Packaged.	23.00 0.35 0.16

Chargers, Desk Top, Travel [305-60]

Nokia Chargers

12531 471158

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to the specific requirements of their phones, satisfying the mo demanding customer. You can trust the high quality and per mance of original accessories.

- Chargers used with Desk Top Charging Stands or battery charger adapters. Plugs into 120V outlet.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
12531 1 EACH	Nokia ACP-7U Limited Lifetime	Travel Charger for 32/33/51/61/63/64/71/83/8800 phones.	13.00 0.3 0.14
NEW **471158** 1 EACH	Nokia ACP-8U Limited Lifetime	Rapid Travel Charger For Nokia 32/33/61/63/64/82/ 8800.	19.95 0.4 0.18

Nokia Desk Top Charging Stands

458042

Desktop charging stand for Nokia Cellular phones. Provides a convenient wa charge the phone. Used with an external power supply (different power supp fast charging, trickle charging, or automotive charging). REQUIRES TRAVEL CHARGER (sold separately).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
458042 1 EACH	Nokia DDC-1 1 Year	Desktop Charging Stand Only for spare battery only.	39.95 0.3 0.14

Wireless Solutions Travel Charger

93302

- Plugs into any 110 volt outlet
- Use your phone while it is charging
- Rapid Charges batteries in about 2-4 hours
- Attractive retail packaging that promotes se tion and consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
93302 1 EACH	Wireless Solutions 93302 Lifetime	Travel Charger	8.65 0.56 0.25

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Cases for Portable Cellular Phones [310-10]

OEM Phone Cases

459136

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Nokia CSM-6 Limited Lifetime	Leather carry case. Black	11.00 0.12 0.05	8.41 8.14 8.11
Nokia CSL-20 Length of Ownership	Horizontal Leather Case. Retail packaged. Black	14.95 0.3 0.14	8.05 7.79 7.76

ess Solutions Cases

2
lity leather
itching
covered rust resistant spring clip

- Mylar plastic that will not yellow or crack
- Environmentally tested to ensure durability
- Attractive retail packaging that promotes self selectionand consumer education

Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Wireless Solutions MOS-131 Lifetime	Premium leather case with open face and clip for the 1260 phone. Black	9.35 0.12 0.05	5.17 5.17 5.17
Wireless Solutions 457155U Lifetime	Leather case with built-in swivel and belt clip. Retail packaged. Black	11.60 0.4 0.18	7.50 6.87 6.30

ess Solutions Phone Holsters

4110
olster can ratchet 180 degrees.
s firmly in place inside of holster.

- Holster is manufactured with high-impact plastic.

Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Wireless Solutions 470179U 1 Year	Ratcheting Phone Holster Black	7.75 0.3 0.14	5.51 4.66 3.60

ess Solutions Standard Cases

Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Wireless Solutions 433148U 1 year	Carry Case with Full Vinyl Window Black	7.55 0.35 0.16	4.76 4.00 3.51

Nite Ize Holsters

437345

The Stand-Up Phone Holster provides the ultimate in protection and usability for your phone. Durable Ballistic nylon protects from moisture and scratches, and a secure holstering mechanism ensures your phone will never leave your belt unintentionally

- Available in three sizes: small, medium and large. Elastic sides expand to accomodate various phones
- Multiple pockets hold accessories
- Bendable metal frame stands, hangs or attaches to holster and provides a hands-free workstation
- Security snap attaches securely to belt
- Open-ended design for CLA's, headset or other phone accessories

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 437345 1 EACH	Nite Ize SUMP-07-01 2 years	Medium holster. Phone must fit into 5 1/2L" x 3 1/8"W x 1 1/4D" pocket.	28.25 0.15 0.07	14.68 14.34 14.11

Nite Ize Protective Case

422375 424372 467363 482355

Boxit mobile phone case provides the ultimate protection for any environment.

- Molded polyurethane front and polycarbonate back protects phone from moisture, dirt, dust, and shock. Floats too!
- Includes two different lids to accomodate nearly every phone. Antenna extensions and plugs are included for nearly every style antenna.
- Hear and talk through flexible transparent face while a special waterproof Gore audio membrane enhances audibility and guarantees effective sound transmission
- Operates from -40F to +140F. Approved to IP45 and IP65

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 422375 1 EACH	Nite Ize NBX-07-01 2 years	BOXIT universal phone case. Onyx color	46.20 0.15 0.07	24.01 23.47 23.09
NEW 424372 1 EACH	Nite Ize NBX-07-04 2 years	BOXIT universal phone case. Crystal color.	46.20 0.15 0.07	24.01 23.47 23.09
NEW 467363 1 EACH	Nite Ize NBX-07-28 2 years	BOXIT universal phone case. Citron color.	46.20 0.15 0.07	24.01 23.47 23.09
NEW 482355 1 EACH	Nite Ize NBX-07-03 2 years	BOXIT universal phone case. Aqua color.	46.20 0.15 0.07	24.01 23.47 23.09

Waterproof Cases, Belt Clips [310-60]

Wireless Solutions Beltclips

30754

Belt clips designed to conveniently snap onto the phone to securely hold it in place. Holds the phone without the need for a leather carry case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30754 1 EACH	Wireless Solutions 30754 Lifetime	Universal Belt Clip includes three different swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21

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Nokia 1260

Hands Free Kits, Mics, Headsets [262-09]

Nokia Handsfree Kit

456099

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
456099 I EACH	Nokia CARK-125 3 Year	Express Car Kit for the Nokia 3390	98.00 0.95 0.43	70.47 68.02 67.72

Complete Nokia Car Kits

445310

NOKIA Handsfree Installation Kit for permanent mounting in a vehicle. Allows you to convert your portable phone into a complete in-car phone. Provides hands-free, external antenna connection, external speaker, fast charger and mounting hardware.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **445310** I EACH	Nokia CARK-134 I Year	NOKIA CARK-134 Handsfree kit. Kit provides holder, speaker, mic, and external antenna connection. Professional install required.	158.00 2.4 1.09	113.61 109.66 109.18

Headsets [262-10]

NOKIA Hands Free Headsets

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

- Nokia handsfree headset kit. Allows handsfree operation of phone. Includes "bud" type earpiece that plugs into the ear. Answer/End button is located in the microphone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **424355** I EACH	Nokia BHF-2 I Year	NOKIA BHF-2 headrest handsfreekit.	68.00 0.3 0.14	48.90 47.20 46.99

Inductive Loop for Hearing Aids

449369

Nokia inductive loop for hearing impaired users. Easy to use device for smooth interaction between T-coil equipped hearing aid and a portable NOKIA phone. Consists of a wire loop that goes around the user's neck and connects to the bottom of the phone. Loopset transmits speech from the phone to the aid.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **449369** I EACH	Nokia HDA-9 I Year	TTY/TDD Headset Adapter.. Comply with TSB121 industry standard. "Cellular Ready" TTY devices need the HDA-8 cable connection to work successfully with Nokia products. TTY capable Nokia phones are capable of VCO (voice carry over) transmission. However this must be done on a VCO capable TTY. Mor information location in TFAX.	14.95 0.22 0.1	8.27 7.99 7.95

Wireless Solutions EarBoom Headset

475040

Wireless Solutions In The Ear headset features a boom mic fortable. Provide good mic sound as well as in the ear speak

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	
475040 I EACH	Wireless Solutions 497057U Lifetime	Earboom Headset	31.00 0.4 0.18	

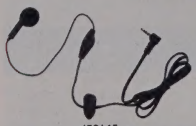
Wireless Solutions EarBud Headset

488021

The Wireless Soluitons EarBud is the most cost-effective, solution for mobile phone users wanting a hands-free alternative at a value price. EarBud integrates the microphone as part of the cable leading from t to the phone. Its improved circuitry eliminates the buzz often found i lower quality solutions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
488021 I EACH	Wireless Solutions 426080U Lifetime	Earbud Headset. Includes six eargels.	27.00 0.4 0.18

Wireless Solutions Bud Headset



458165

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW **458165** I EACH	Wireless Solutions 440193U I Year	Bud Headset	7.75 0.35 0.16

Portable Cellular Phone Accessory Kit [262-50]

Nokia Accessory Kit

489356

Original accessories... "from the people that made your phone(OEMs design and manufacture accessories to match the specifi requirements of their phones, satisfying the most demanding cu You can trust the high quality and performance of original acce

- Accessory Kit. Includes rapid cigarette lighter charger and case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW **489356** I EACH	Nokia 424135/12264 I Year	Starter kit. Includes cigarette lighter charger and open faced leather case with swivel clip..	34.90 0.5 0.23

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less Solutions Starter Kits

87
leather case and vehicle power adapter. Wireless Solutions Retail Package.

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Wireless Solutions 38868 Lifetime	Starter Kit. Includes leather case with buitl-in swivel and beltclip and VPA.	33.00 0.5 0.23	13.90 11.92 9.90

Mounting Plates, Cradles, Holders [150-40]

a Phone Cradles

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Nokia MBC-6 Lifetime	Nokia 3390 Mobile Phone Holder. Includes HHS-9 mounting bracket.	14.00 0.6 0.27	8.28 8.00 7.94

Compatible Phone Models:

Nokia 3280
Nokia 3285

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

Nokia Portable Phone Batteries

470073 432080 419030 17658 17671

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **427169** 1 EACH	Nokia BPS-2 1 Year	Replacement Battery Black 1100 mAh Lithium Polymer Provides up to 6 hours talk-time/ 12 days standby time.	54.95 0.2 0.09	30.70 29.65 29.53
470073 1 EACH	Nokia BPS-1 1 Year	Replacement Battery Black 600 mAh Lilo Polymer Provides up to 3 hours talk-time/ 6 days standby time.	40.00 0.2 0.09	24.95 24.10 24.00
432080 1 EACH	Nokia BMS-2S 1 Year	Replacement Battery Black 900 mAh NiMH Provides 1-5 hours of talk time, 30-216 hours standby. Black.	24.95 0.25 0.11	12.73 12.30 12.25
419030 1 EACH	Nokia BLS-4 1 Year	Replacement Battery Black 1500 mAh Lilo Provides 5-8 hours of talk time, 100-450 hours standby. Black.	40.00 0.35 0.16	22.07 21.32 21.23
17658 1 EACH	Nokia BMS-2V 1 Year	Replacement Battery VIBRATING 900 mAh NiMH Provides 1-5 hours of talk time, 16-225 hours standby. Black.	24.00 0.25 0.11	17.76 17.16 17.09
NEW **17671** 1 EACH	Nokia BLS-2N 1 Year	Replacement Battery Black 1050 mAh Lilo ANALOG 45-85 minutes/ 10-15 hours	28.00 0.25 0.11	20.64 19.94 19.85

Wireless Solutions Batteries

18546 82209

- High Quality, Great Value
- Attractive retail packaging that promotes self selection and consumer education
- Available with merchandising system that drives multiple and repeat purchases to improve overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
18546 1 EACH	Wireless Solutions 439192U Lifetime	Vibrating Battery. Black 900 mAh Lilo Provides 1-5 hours of talk time, 16-225 hours standby.	30.55 0.25 0.11	21.52 17.51 15.76
82209 1 EACH	Wireless Solutions 487183U Lifetime	Replacement Battery Black 900 mAh Lilo Provides 1-5 hours of talk time, 16-225 hours standby.	30.55 0.25 0.11	21.52 17.51 15.76

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Vehicle Power Adapters [275-10]

Nokia (OEM) Vehicle Power Adapters

12634

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories. These products are used by directly plugging onto the phone without removing the battery. Provides power to the phone and charges the battery at the same time.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
12634 I EACH	Nokia LCH-9 Lifetime	Vehicle Power Adapter. Retail Packaged.	19.95 0.32 0.15	7.63 7.39 7.34

Wireless Solutions Vehicle Power Adapter

16647

Wireless Solutions Vehicle adapters are a great value, and high quality. Quality tested cable returns to original shape after multiple stretches. Attractive retail packaging.

- Variable rate charging for safety & convenience (no overcharging)
- Enough current to make a call with a discharged battery
- Attractive retail packaging that promotes self selection and consumer education
- Available with revolutionary merchandising system that drives multiple and repeat purchase to improve overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
16647 I EACH	Wireless Solutions 16647 1 Year	Vehicle Power Adapter. Retail Packaged.	23.00 0.35 0.16	7.24 5.91 4.60

Face Plates [311-10]

Nokia 3280/3285 Faceplates

491044 435060 479057 455037 479061 475048

Color faceplates to personalize your portable phone. No professional installation, no special tools required. The faceplate clicks over the keypad.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
491044 I EACH	Nokia SKH-614 1 Year	Faceplate - Dusty Brown	14.95 0.3 0.14	7.19 6.94 6.91
435060 I EACH	Nokia SKH-615 1 Year	Faceplate - Harvest Gold	14.95 0.3 0.14	7.19 6.94 6.91
479057 I EACH	Nokia SKH-617 1 Year	Faceplate - Peonies Purple	14.95 0.3 0.14	7.19 6.94 6.91
455037 I EACH	Nokia SKH-618 1 Year	Faceplate - Poppy Red	14.95 0.3 0.14	7.19 6.94 6.91
479061 I EACH	Nokia SKH-613 1 Year	Faceplate - Raincloud Blue	14.95 0.3 0.14	7.19 6.94 6.91
475048 I EACH	Nokia SKH-616 1 Year	Faceplate - Sage Green	14.95 0.3 0.14	7.19 6.94 6.91

FPF Fun Friends

417318 425345 440370

441386 454305 472388

474325 481374 482389 486359

488341 490397 491340

499325

Fun Friends are leading the way with adorable characters th new attitude to these otherwise dull products. Fun Friends perfect match for all who enjoy plush characters ranging fr Funky the Monkey to Tadpole our Lime Green Frog.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW **417318** I EACH	funphonefriend.com A-05 30 days	Fun Friends phone cover. Tapole Frog	15.00 0.32 0.15
NEW **425345** I EACH	funphonefriend.com A-01 30days	FunFriends phone cover. Bully-Bulldog	15.00 0.32 0.15
NEW **440370** I EACH	funphonefriend.com A-22 30 days	Fun Friends Funky- Monkey	15.00 0.32 0.15
NEW **441386** I EACH	funphonefriend.com A-3 30 days	Fun Friends phone covers. Floppy Reg	15.00 0.32 0.15
NEW **454305** I EACH	funphonefriend.com A-19 30 days	FunFriends phone cover. ALI- Aligator	15.00 0.32 0.15
NEW **472388** I EACH	funphonefriend.com A-17 30 days	FunFriends phone cover. Beary- Lavender Bear	15.00 0.32 0.15
NEW **474325** I EACH	funphonefriend.com A-27 30 days	Fun Friends phone cover. Santa	15.00 0.32 0.15
NEW **481374** I EACH	funphonefriend.com A-15 30 days	Fun Friends phone covers. Dangles- Dog Hanging Legs	15.00 0.32 0.15
NEW **482389** I EACH	funphonefriend.com A-24 30 days	Fun Friends phone covers. Munchie- Manatee	15.00 0.32 0.15
NEW **486359** I EACH	funphonefriend.com A-10 30 days	Fun Friends phone covers. Kit Kat- Cat	15.00 0.32 0.15
NEW **488341** I EACH	funphonefriend.com A-7 30 days	Fun Friends phone cover. Larry -Lobster	15.00 0.32 0.15
NEW **490397** I EACH	funphonefriend.com A-21 30 days	Fun Friends phone covers. Cheeser- Mouse	15.00 0.32 0.15
NEW **491340** I EACH	funphonefriend.com A-09 30 days	Fun Friends phone covers. Oinky- Pig	15.00 0.32 0.15
NEW **499325** I EACH	funphonefriend.com A-20 30 days	Fun Friends phone covers. Moo Moo- Cow	15.00 0.32 0.15

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Chargers, Desk Top, Travel [305-60]

a Chargers

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

31 471158

s used with Desk Top Charging Stands or battery charger adapters. Plugs into 120V outlet.

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Nokia ACP-7U Limited Lifetime	Travel Charger for 32/33/51/61/63/64/71/83/8800 phones.	13.00 0.3 0.14	5.54 5.36 5.34
Nokia ACP-7E Limited Lifetime	European Travel Charger For 8550 and 3210.	13.00 0.3 0.14	5.04 4.86 4.84
Nokia ACP-8E Limited Lifetime	European Rapid Travel Charger For 8850 and 3210.	19.95 0.4 0.18	12.59 12.15 12.10
Nokia ACP-8U Limited Lifetime	Rapid Travel Charger For Nokia 32/33/61/63/64/82/8800.	19.95 0.4 0.18	13.09 12.65 12.60

a Desk Top Charging Stands

Desktop charging stand for Nokia Cellular phones. Provides a convenient way to charge the phone and connect for data. Used with an external power supply (different power supplies for fast charging, trickle charging, or automotive charging). REQUIRES TRAVEL CHARGER (sold separately).

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Nokia DCH-8 1 year	Single Port Desktop Charging Stand Only.	15.00 0.2 0.09	6.84 6.60 6.57
Nokia 0273052 1 year	Connectivity Stand Only.	34.00 0.35 0.16	15.10 14.58 14.52
Nokia 0080438 1 year	Connectivity Kit. Includes the DCH-8D Connectivity Stand and the DLR-3P Data Cable.	50.00 1 0.45	35.95 34.70 34.55
Nokia DCH-9 1 year	Dual Port Desktop Charging Stand Only.	29.95 0.25 0.11	19.78 19.09 19.01

ess Solutions Travel Charger

2

- any 110 volt outlet
- phone while it is charging
- Rapid Charges batteries in about 2-4 hours
- Attractive retail packaging that promotes self selection and consumer education

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Wireless Solutions 93302 Lifetime	Travel Charger	8.65 0.56 0.25	6.34 5.14 3.95

Cases for Portable Cellular Phones [310-10]

Nokia OEM Phone Cases

441016 17626

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **467194** 1 EACH	Nokia CSY-4 Length of Ownership	Active Mesh Carry Case Red	29.95 0.3 0.14	22.07 21.32 21.23
441016 1 EACH	Nokia CSL-1B Length of Ownership	Leather case with built-in swivel and belt-clip. Retail packaged. Black	19.95 0.3 0.14	9.85 9.53 9.49
17626 1 EACH	Nokia CSL-1 Length of Ownership	Leather Case. Retail packaged. Black	14.95 0.17 0.08	7.91 7.65 7.62

Wireless Solutions Phone Holsters

418160

- Phone Holster can ratchet 180 degrees.
- Phone sits firmly in place inside of holster.
- Holster is manufactured with high-impact plastic.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
418160 1 EACH	Wireless Solutions 484194U 1 Year	Ratcheting Phone Holster Black	7.75 0.3 0.14	5.51 4.66 3.60

Waterproof Cases, Belt Clips [310-60]

Belt Clips for Nokia Phones

17654

Belt clips designed to conveniently snap onto the phone to securely hold it in place. Holds the phone without the need for a leather carry case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
17654 1 EACH	Nokia BCH-12U 90 days	Belt Clip Black	9.00 0.18 0.08	3.80 3.48 3.15

Wireless Solutions Beltclips

26612 30754 413338

Belt clips designed to conveniently snap onto the phone to securely hold it in place. Holds the phone without the need for a leather carry case.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
26612 1 EACH	Wireless Solutions 26612 Lifetime	Belt Clip - Nokia 3200,5100,6100 Series Only Black	6.80 0.18 0.08	4.22 3.75 3.21

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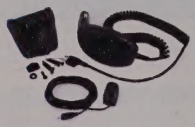
Nokia 3280, 3285

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30754 1 EACH	Wireless Solutions 30754 Lifetime	Universal Belt Clip includes three different swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21
NEW 413338 1 EACH	Wireless Solutions 458379U Lifetime	Universal Belt Clip includes two swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21

Hands Free Kits, Mics, Headsets [262-09]

Nokia Handsfree Kit



Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 86394 1 EACH	Nokia HFU-2 BULK	NOKIA Junction box for CARK-91.	92.00 0.29 0.13	66.15 63.85 63.58

Complete Nokia Car Kits

18531

NOKIA Handsfree Installation Kit for permanent mounting in a vehicle. Allows you to convert your portable phone into a complete in-car phone. Provides hands-free, external antenna connection, external speaker, fast charger and mounting hardware.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
18531 1 EACH	Nokia CARK-91US 3 Year	Complete handsfree car kit. Professional install recommended. External antenna connection terminates with an FME connector. Kit includes an FME to Mini-UHF adapter. Also includes active cradle (MCC-1) junction box (HFU-2),	138.00 2.4 1.09	99.23 95.78 95.36

Complete Nokia Car Kits

76032

NOKIA Handsfree Installation Kit for permanent mounting in a vehicle. Lets you convert your portable phone into a complete in-car phone. Provides hands free, external antenna connection, external speaker, fast charger, handest and mounting hardware.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
76032 1 EACH	Nokia CARK-91H 3 Year	Complete handsfree car kit. Professional install recommended. External antenna connection terminates with an FME connector. Kit includes an FME to Mini-UHF adapter (SKU 26325). Also includes active cradle (MCC-1) junction box	158.00 2.8 1.27	113.61 109.66 109.18

Nokia Handset Unit

19402

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
19402 1 EACH	Nokia HSU-1 1 year	Nokia handset unit for use with car kits for the Nokia 2120 - CARK11Nokia 9000i - CARK60/103 and Nokia 6100- CARK91.	49.00 0.66 0.3	35.24 34.01 33.86

Smarteq Handsfree Kits

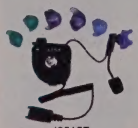
453100

Smarteq handsfree car kits use patented antenna coupling technol the newest wireless phones that use inductive antennas. Each kit t nates in an FME male connector.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
453100 1 EACH	Smarteq 70437 1 Year	Installed Handsfree Car Kit	197.75 2.3 1.05

Headsets [262-10]

Jabra Earboom Winder

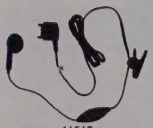


495157

The EarBoom Winder gives you a tangle-free solution to handsfree munication. Talk handsfree when you're on the go, then retract the and stow the EarBoom at the touch of a button.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW 495157 1 EACH	Jabra Corporation EMWINDERNOK5 1302 1 Year	EarWinder Headset. Retail packaged.	34.90 0.35 0.16

NOKIA Hands Free Headsets



61519

Nokia handsfree headset kit. Allows handsfree operation of pho Includes "bud" type earpiece and an active button that can answe a call without opening the phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
61519 1 EACH	Nokia HDC-9P 3 year	Hands free headset kit. Bulk packaged.	21.95 0.17 0.08

Nokia Headset Kit

Nokia headset kit. Includes a intergrated earpiece ar phone for handsfree conversations and a cord mour answer/end button for convenience. Special 2.5mm j only works with the Nokia 8860.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW 467141 1 EACH	Nokia HDE-1 3 Year	Headset Kit. No answer/end button	7.40 0.35 0.16

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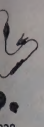
KIA Headset with Belt Clip



Nokia handsfree headset with a belt clip. Includes:"bud" type earpiece that plugs into the ear and allows handsfree operation. Answer/end button is located in the microphone. Belt clip holds the phone on your belt/ waist.

328

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
8 H	Nokia HDC-9K 3 year	Handsfree headset kit with belt clip for Nokia 5100/ 6100 series.	17.30 0.2 0.09	12.44 12.01 11.96

ctive Loop for Hearing Aids

Nokia inductive loop for hearing impaired users. Easy to use device for smooth interaction between T-coil equipped hearing aid and a portable NOKIA phone. Consists of a wire loop that goes around the user's neck and connects to the bottom of the phone. Loopset transmits speech from the phone to the aid.

969

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
9 H	Nokia LPS-1 1 Year	Inductive loop for Hearing Aids.	69.95 0.5 0.23	48.90 47.20 46.99
V 57 H	Nokia HDA-8 1 Year	TTY/TDD Phone Adapter.. Comply with TSB121 industry standard. "Cellular Ready" TTY devices need the HDA-8 cable connection to work successfully with Nokia products.TTY capable Nokia phones are capable of VCO (voice carry over) transmission. However this must be done on a VCO capable TTY. Mor information location in TFAX.	6.00 0.22 0.1	3.60 3.47 3.46

tronics Over-The-Ear Headsets

All Plantronics over-the-ear wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hard-wired for specific Nokia phones.

19 476150

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
V 19 H	Plantronics M123-N2 1 Year	Lightweight comfort in an over-the-ear headset. Includes in-line call answer/end control.	29.50 0.35 0.16	19.59 15.36 14.73
V 50 H	Plantronics M133-N2 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, purple color. Includes in-line call answer/end control.	35.10 0.4 0.18	23.34 18.30 17.55

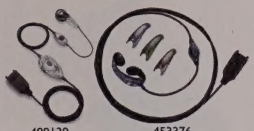
tronics In-The-Ear Headsets

All Plantronics in-the-ear boom-style wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

44

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
V 44 H	Plantronics M143-N2 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line call answer/end control.	40.75 0.35 0.16	27.09 21.24 20.37

Plantronics Discreet Earbud Headsets

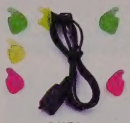


488139 453376

All Plantronics earbud headsets for wireless phones feature Flexfit(TM) design for increased stability, RF noise shielded cable, advanced speaker technology, and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
488139 1 EACH	Plantronics M206-N2 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and call answer/end controls.	32.00 0.22 0.1	21.25 16.66 15.98
NEW **453376** 1 EACH	Plantronics MX103-N2 1 Year	Discreet style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19.59 15.36 14.73

Wireless Solutions In The Ear Headset



94174

The Wireless Solutions headset features an innovative all-in-the-ear-speaker and microphone. Built-in noise reduction technology for clear transmissions. Totally portable and digital-ready. Includes four foot cable and six EarGels.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
94174 1 EACH	Wireless Solutions 94174 Lifetime	Handsfree headset. Phone adapter is included.	30.00 0.15 0.07	17.58 15.48 15.18

Wireless Solutions EarBoom Headset

430160

Wireless Solutions In The Ear headset features a boom mic. Comfortable. Provide good mic sound as well as in the ear speaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
430160 1 EACH	Wireless Solutions 458047U Lifetime	Earboom Headset	31.00 0.4 0.18	24.81 18.61 9.31

Wireless Solutions EarBud Headset

410180

The Wireless Soluitons EarBud is the most cost-effective, solution for mobile phone users wanting a hands-free alternative at a value price. The EarBud integrates the microphone as part of the cable leading from the ear to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
410180 1 EACH	Wireless Solutions 440061U Lifetime	Earbud Headset	27.00 0.4 0.18	12.09 10.09 8.09

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Nokia 3280, 3285

Wireless Solutions Bud Headset

446119

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **446119** 1 EACH	Wireless Solutions 428156U 1 Year	Bud Headset	7.75 0.35 0.16	5.27 4.22 3.60

Portable Cellular Phone Accessory Kit [262-50]

Nokia Accessory Kit

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

462112

- Accessory Kit. Includes rapid cigarette lighter charger and case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **462112** 1 EACH	Nokia 469024/12264 1 Year	Starter kit. Includes cigarette lighter charger and open faced leather case with swivel clip..	39.90 0.5 0.23	16.98 16.42 16.33

Wireless Solutions Starter Kits

Starter Kits include a glove leather fitted case and a vehicle power adapter. Wireless Solutions Retail Packaging.

31124

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
31124 1 EACH	Wireless Solutions 31124 Lifetime	Starter Kit. Includes open face leather case and vehicle power adapter. Wireless Solutions retail packaging. Lifetime Warranty.	33.00 0.4 0.18	13.90 11.92 9.90

Data Interfaces for Portable Phones [260-12]

Nokia Data Cables

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

466015

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
466015 1 EACH	Nokia DLR-3P 1 Year	Nokia 3285, 7160, 7190, 6120i, 6160i, 6161i, 6162i, 6185. 7160/7190,6300 series. See PC suite for software applications. Data Cable w/3.5" start-up disk. Provides a serial connection from the mobile phone to a laptop, desktop computer or palm device (adapter needed). Cable terminates in standard 9 pin serial connection. Cable is for data/fax applications only.	34.95 0.57 0.26	23.37 22.56 22.46

Mounting Plates, Cradles, Holders [150-40]

Nokia Phone Cradles

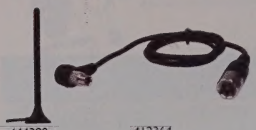
Original accessories... "from the people that made your phone(TM OEMs design and manufacture accessories to match the specific re ments of their phones, satisfying the most demanding customer. Yo trust the high quality and performance of original accessories.

70464

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
70464 1 EACH	Nokia MBC-1 Lifetime	Nokia 5100/6100 phone cradle. Holds phone in place while charging with the cigarette lighter adapter. Mounting plate and hardware included.	14.00 0.35 0.16

External Antenna Kits for Portables [362-40]

Wireless Solutions Antenna Cables



Wireless Solutions Antenna Cables and Antenns

444380 412364

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW **444380** 1 EACH	Wireless Solutions 454106U 1 Year	Dual Band Mini-Magnetic Mount Antenna connects to RF adapter.	19.70 0.25 0.11
NEW **412364** 1 EACH	Wireless Solutions 429108U 1 Year	Antenna Adapter Cable. Nokia 3285, 5100 series. Use Dual Band Mini Mag-Mount Antenna SKU# 444380.	11.00 0.25 0.11

Antenna Specialists Talk Around (R)

Antenna Specialists Talkaround dual band 824-894 MHz (cellular) and 1990 (PCS) magnet mount antenna allows you to receive the benefit o external antenna without the expense of a car kit. Antenna is 4.75" long base of 1.1". Includes 8.25' of RG174 cable with connector.

43996

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
43996 1 EACH	Antenna Specialists ASPDM1944/CP Lifetime	Dual band magnetic antenna for Nokia 3285,5110,5120,5160,5162,5190,6110,6120,6160,6162 and 6190 series. Retail packaged.	42.50 1.5 0.68

Nokia 5100/6100 External Antenna Kit

MTU external antenna kit allows you to attach band mini magnet antenna to your phone for in reception and transmission. Includes antenna an cable with adapter.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW **480306** 1 EACH	AleEv (formerly MTU) 80155 Limited Lifetime	External antenna kit for Nokia 5100/61/3200 series.	42.10 0.15 0.07

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Cellular Antenna Couplers [362-41]

na Specialists Talkaround Cable

Antenna Specialists RF Link cables allow easy connection to an external antenna to improve the phone's performance. 48" cables attaches directly to the phone and terminates in an SAP/FME male connector.

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Antenna Specialists K344 Lifetime	Fits Nokia 3285/5100/ 6100 series.	20.65 0.07 0.03	10.94 10.11 9.91

rConnect Cables

ClearConnect cables allow easy connection to an external antenna to improve the phone's performance. 12" cable attaches directly to the phone and terminates in a TNC female connector.

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Superior Comm. 23043 3 Year	Fits Nokia 3285,5100/6100 series (not 5185 phone). Has brace that grips phones antenna for added support.	14.15 0.1 0.05	6.76 6.52 6.37

rConnect with Antenna

68265

ClearConnect reduces dropped calls and improves your signal strength. Links your phone to a dual band mini magnet antenna that easily attaches to your vehicle.

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Superior Comm. 22845 3 Year	Fits Nokia 3285/5100 series (only). Not for 5185.	34.45 0.25 0.11	16.45 15.85 15.49

(formerly MTU) RF Antenna Adapters

28009

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
AleEv (formerly MTU) 40147 3 Year	Rf adaper has brace to grip phone antenna for support. Fits Nokia 3285/5100/6100 series. Not compatible with 5185. Antenna not included.	28.55 0.13 0.06	11.46 10.66 9.96

Compatible Phone Models:

Nokia 3320
Nokia 3360
Nokia 3361

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

Nokia Portable Phone Batteries

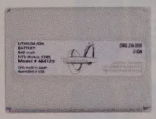
410093

483079

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
410093 1 EACH	Nokia BLC-2 1 Year	Extended Li-Ion Battery. 850mah Lilo 3 hours 45 minutes/ 9.5 Days	59.00 0.3 0.14	30.70 29.65 29.53
483079 1 EACH	Nokia BMC-3 1 Year	Extended Battery 900mah NiMH 3 hours 45 minutes/ 9.5 Days	34.95 0.3 0.14	14.88 14.38 14.32

Wireless Solutions Batteries



439374

- High Quality, Great Value
- Attractive retail packaging that promotes self selection and consumer education
- Available with merchandising system that drives multiple and repeat purchases to improve overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **439374** 1 EACH	Wireless Solutions 484129U Lifetime	Replacement Battery White 600 mAh Lilo 1 to 3 hours DTT/1 to 4 days DST	30.55 0.35 0.16	21.52 17.51 15.76

Vehicle Power Adapters [275-10]

Nokia (OEM) Vehicle Power Adapters

12634

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories. These products are used by directly plugging onto the phone without removing the battery. Provides power to the phone and charges the battery at the same time.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
12634 1 EACH	Nokia LCH-9 Lifetime	Vehicle Power Adapter. Retail Packaged.	19.95 0.32 0.15	7.63 7.39 7.34

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Nokia 3360

Wireless Solutions Vehicle Power Adapter

16647

Wireless Solutions Vehicle adapters are a great value, and high quality. Quality tested cable returns to original shape after multiple stretches. Attractive retail packaging.

- Variable rate charging for safety & convenience (no overcharging)
- Enough current to make a call with a discharged battery
- Attractive retail packaging that promotes self selection and consumer education
- Available with revolutionary merchandising system that drives multiple and repeat purchase to improve overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
16647 I EACH	Wireless Solutions 16647 1 Year	Vehicle Power Adapter. Retail Packaged.	23.00 0.35 0.16	7.24 5.91 4.60

Face Plates [311-10]

Nokia 3360 Xpress-on Covers

437127 499188 484168 454172 481182

488177 448116 480105 433187 471106

474382 447141 472158 486189 416180

433381 461348 471144 484381 488396

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **437127** I EACH	Nokia SKR-152 1 Year	Xpress-on A&B Graphic Covers. Boogie.	29.95 0.3 0.14	19.78 19.09 19.01
NEW **499188** I EACH	Nokia SKR-149 1 Year	Xpress-on A&B Graphic Covers. Bow.	29.95 0.3 0.14	19.78 19.09 19.01
484168 I EACH	Nokia SKR-78 1 Year	Xpress-on A&B Graphic Covers. Dilbert Escape.	27.50 0.1 0.05	19.78 19.09 19.01
454172 I EACH	Nokia SKR-77 1 Year	Xpress-on A&B Graphic Covers. Dilbert Grate.	27.50 0.2 0.09	19.78 19.09 19.01
NEW **481182** I EACH	Nokia SKR-151 1 Year	Xpress-on A&B Graphic Covers. Groove.	29.95 0.3 0.14	19.78 19.09 19.01
488177 I EACH	Nokia SKR-73 1 Year	Xpress-on A&B Color Covers. Himalaya White.	18.00 0.2 0.09	12.95 12.50 12.44
448116 I EACH	Nokia SKR-89 1 Year	Xpress-on A&B Graphic Covers. Holiday Lights.	27.50 0.18 0.08	19.78 19.09 19.01
480105 I EACH	Nokia SKR-71 1 Year	Xpress-on A&B Color Covers. Iceberg Grey.	18.00 0.1 0.05	12.95 12.50 12.44

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
433187 I EACH	Nokia SKR-74 1 Year	Xpress-on A&B Color Covers. Polar Blue.	18.00 0.18 0.08
471106 I EACH	Nokia SKR-70 1 Year	Xpress-on A&B Color Covers. Sahara Yellow.	18.00 0.1 0.05
NEW **474382** I EACH	Nokia SKR-269 1 Year	Xpress-on A&B Graphic Covers. Blooming in Blue A & B Covers.	27.50 0.1 0.05
NEW **447141** I EACH	Nokia SKR-150 1 Year	Xpress-on A&B Graphic Covers. Slide.	29.95 0.3 0.14
NEW **472158** I EACH	Nokia SKR-153 1 Year	Xpress-on A&B Graphic Covers. Swoosh.	29.95 0.3 0.14
486189 I EACH	Nokia SKR-72 1 Year	Xpress-on A&B Color Covers. Vesuvius Red.	18.00 0.18 0.08
416180 I EACH	Nokia SKR-107 1 Year	Xpress-on A&B Graphic Covers. WWF Humpback Whale.	27.50 0.1 0.05
NEW **433381** I EACH	Nokia SKR-267 1 Year	Xpress-on A&B Graphic Covers. Blue Golf A &B Covers.	27.50 0.1 0.05
NEW **461348** I EACH	Nokia SKR-266 1 Year	Xpress-on A&B Graphic Covers. Green Kaleidoscope A&B Covers.	27.50 0.1 0.05
471144 I EACH	Nokia SKR-105 1 Year	Xpress-on A&B Graphic Covers. WWF Western Screech Owl.	27.50 0.1 0.05
NEW **484381** I EACH	Nokia SKR-183 1 Year	Xpress-on A&B Graphic Covers. Roots A & B Covers.	27.50 0.1 0.05
NEW **488396** I EACH	Nokia SKR-268 1 Year	Xpress-on A&B Graphic Covers. Day Dream Joy A & B Covers.	27.50 0.1 0.05

Prime Finish NBA Faceplates

422190 424189 468111 478155 486176

488184

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW **422190** I EACH	Prime Finish 10224 30 Days	University of Florida front/ back cover	29.95 0.1 0.05
NEW **424189** I EACH	Prime Finish 10226 30 Days	TENNESSEE UNIVERSITY front/ back cover for the Nokia 3360.	29.95 0.1 0.05
NEW **468111** I EACH	Prime Finish 10219 30 Days	Front/ back cover for 3360.	29.95 0.1 0.05
NEW **472330** I EACH	Prime Finish 10232 30 Days	University of Texas front/ back cover	29.95 0.1 0.05
NEW **478155** I EACH	Prime Finish 10225 30 Days	U of GEORGIA front/ back cover for 3360	29.95 0.1 0.05
NEW **486176** I EACH	Prime Finish 10223 30 Days	Front/ back cover for 3360.	29.95 0.1 0.05
NEW **488184** I EACH	Prime Finish 10227 30 Days	UNIV of NORTH CAROLINA front/ back cover for Nokia 3360.	29.95 0.1 0.05

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a 3320 and 3360 NHL Faceplates

157 472138 474161 479199

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Nokia SKR-147 1 Year	Xpress-on A&B NHL Covers. St Louis Blues.	27.50 0.18 0.08	19.78 19.09 19.01
Nokia SKR-145 1 Year	Xpress-on A&B NHL New Jersey Devils Covers. .	27.50 0.18 0.08	19.78 19.09 19.01
Nokia SKR-144 1 Year	Xpress-on A&B NHL Covers. Dallas Stars.	27.50 0.18 0.08	19.78 19.09 19.01
Nokia SKR-146 1 Year	Xpress-on A&B NHL Covers. Colorado Avalanche	27.50 0.18 0.08	19.78 19.09 19.01

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Nokia 3360

AleEv Faceplates Nokia 3320/3360

410310 414362 416340 416348 418348 420383

422373 424348 425382 428366 434377 436374

439316 439366 440332 442385 447313 448331 448338

452331 457302 458364 466314 474338 475348 478317

480370 480372 481361 482393 483369 483396

484354 486391 489358 490393 436304 451319 455397

411182 412185 425119 425178 428159 431369 432133

432139 440119 441182 450197 455138 455187 467146

469152 469163 473188 475172 483174 488176 489108

489181 491194 492132 494173 494176

Continuing product table (1 of 4)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW **410310** 1 EACH	AleEv (formerly MTU) 21534 6 month Ltd. Lifetime	Faceplate - Black Flame	37.15 0.25 0.11
NEW **414362** 1 EACH	AleEv (formerly MTU) 21530 6 month Ltd. Lifetime	Faceplate - Circles	37.15 0.25 0.11
NEW **416340** 1 EACH	AleEv (formerly MTU) 21931 month Ltd. Lifetime	Crystal Green keypad	8.45 0.25 0.11
NEW **416348** 1 EACH	AleEv (formerly MTU) 21525 6 month Ltd. Lifetime	Faceplate - Blue Stars	37.15 0.25 0.11
NEW **418348** 1 EACH	AleEv (formerly MTU) 21929 month Ltd. Lifetime	Crystal Red keypad	8.45 0.25 0.11
NEW **420383** 1 EACH	AleEv (formerly MTU) 21995 month Ltd. Lifetime	Clear rubber keypad	5.60 0.25 0.11
NEW **422373** 1 EACH	AleEv (formerly MTU) 21963 month Ltd. Lifetime	Bright Yellow "laser" keypad	8.45 0.25 0.11
NEW **424348** 1 EACH	AleEv (formerly MTU) 21927 month Ltd. Lifetime	Crystal Pink keypad	8.45 0.25 0.11
NEW **425382** 1 EACH	AleEv (formerly MTU) 21964 month Ltd. Lifetime	Lilac "laser" keypad	8.45 0.25 0.11
NEW **428366** 1 EACH	AleEv (formerly MTU) 21552 6 month Ltd. Lifetime	Faceplate - American Eagle	37.15 0.25 0.11
NEW **434377** 1 EACH	AleEv (formerly MTU) 21930 month Ltd. Lifetime	Crystal Clear keypad	8.45 0.25 0.11
NEW **436374** 1 EACH	AleEv (formerly MTU) 21546 6 month Ltd. Lifetime	Faceplate - Spider Web	37.15 0.25 0.11
NEW **439316** 1 EACH	AleEv (formerly MTU) 21961 month Ltd. Lifetime	Silver "laser" keypad	8.45 0.25 0.11
NEW **439366** 1 EACH	AleEv (formerly MTU) 21551 6 month Ltd. Lifetime	Faceplate - Pink Love	37.15 0.25 0.11
NEW **440332** 1 EACH	AleEv (formerly MTU) 21547 6 month Ltd. Lifetime	Faceplate - Pink Flowers	37.15 0.25 0.11
NEW **442385** 1 EACH	AleEv (formerly MTU) 21526 6 month Ltd. Lifetime	Faceplate - Ultra Sonic	37.15 0.25 0.11
NEW **447313** 1 EACH	AleEv (formerly MTU) 21928 month Ltd. Lifetime	Crystal Black keypad	8.45 0.25 0.11
NEW **448331** 1 EACH	AleEv (formerly MTU) 21537 6 month Ltd. Lifetime	Faceplate - Band	37.15 0.25 0.11
NEW **448338** 1 EACH	AleEv (formerly MTU) 21528 6 month Ltd. Lifetime	Faceplate - Glow B Green	37.15 0.25 0.11

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uing product table (2 of 4)

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 331 CH	AleEv (formerly MTU) 21524 6 month Ltd. Lifetime	Faceplate - Extreme Circles	37.15 0.25 0.11	14.92 13.87 12.96
W 302 CH	AleEv (formerly MTU) 21538 6 month Ltd. Lifetime	Faceplate - Farm	37.15 0.25 0.11	14.92 13.87 12.96
W 364 CH	AleEv (formerly MTU) 21926 month Ltd. Lifetime	Crystal Blue keypad	8.45 0.25 0.11	3.40 3.16 2.95
W 314 CH	AleEv (formerly MTU) 21531 6 month Ltd. Lifetime	Faceplate - Basketball "Real Feel"	37.15 0.25 0.11	14.92 13.87 12.96
W 338 CH	AleEv (formerly MTU) 21966 month Ltd. Lifetime	Black "laser" keypad	8.45 0.25 0.11	3.40 3.16 2.95
W 348 CH	AleEv (formerly MTU) 21529 6 month Ltd. Lifetime	Faceplate - Camouflage	37.15 0.25 0.11	14.92 13.87 12.96
W 317 CH	AleEv (formerly MTU) 21549 6 month Ltd. Lifetime	Faceplate - Baseball "Real Feel"	37.15 0.25 0.11	14.92 13.87 12.96
W 370 CH	AleEv (formerly MTU) 21967 month Ltd. Lifetime	Sky Blue "laser" keypad	8.45 0.25 0.11	3.40 3.16 2.95
W 372 CH	AleEv (formerly MTU) 21523 6 month Ltd. Lifetime	Faceplate - Moon	37.15 0.25 0.11	14.92 13.87 12.96
W 361 CH	AleEv (formerly MTU) 21968 month Ltd. Lifetime	Ice Blue "laser" keypad	8.45 0.25 0.11	3.40 3.16 2.95
W 393 CH	AleEv (formerly MTU) 21962 month Ltd. Lifetime	Red "laser" keypad	8.45 0.25 0.11	3.40 3.16 2.95
W 369 CH	AleEv (formerly MTU) 21550 6 month Ltd. Lifetime	Faceplate - Ant Attack !	37.15 0.25 0.11	14.92 13.87 12.96
W 396 CH	AleEv (formerly MTU) 21969 month Ltd. Lifetime	Ice Green "laser" keypad	8.45 0.25 0.11	3.40 3.16 2.95
W 354 CH	AleEv (formerly MTU) 21503 6 month Ltd. Lifetime	Faceplate - Purplelicious	25.70 0.25 0.11	10.31 9.59 8.96
W 391 CH	AleEv (formerly MTU) 21501 6 month Ltd. Lifetime	Faceplate - Pinkadelic	25.70 0.25 0.11	10.31 9.59 8.96
W 358 CH	AleEv (formerly MTU) 21965 month Ltd. Lifetime	Purple "laser" keypad	8.45 0.25 0.11	3.40 3.16 2.95
W 393 CH	AleEv (formerly MTU) 21522 6 month Ltd. Lifetime	Faceplate - Tattoo	37.15 0.25 0.11	14.92 13.87 12.96
W 304 CH	AleEv (formerly MTU) 21566 30 days	Faceplate - Ornament	37.15 0.15 0.07	14.92 13.87 12.96
W 319 CH	AleEv (formerly MTU) 21568 30 days	Faceplate - Christmas Tree	37.15 0.15 0.07	14.92 13.87 12.96

Continuing product table (3 of 4)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 455397 1 EACH	AleEv (formerly MTU) 21567 30 Days	Faceplate - Snowman	37.15 0.15 0.07	14.92 13.87 12.96
NEW 411182 1 EACH	AleEv (formerly MTU) 21514 6 month Ltd. Lifetime	Faceplate - Royal Blue	25.70 0.25 0.11	10.31 9.59 8.96
NEW 412185 1 EACH	AleEv (formerly MTU) 21544 6 month Ltd. Lifetime	Faceplate - Jade Green	25.70 0.25 0.11	10.31 9.59 8.96
NEW 425119 1 EACH	AleEv (formerly MTU) 21527 3 month Ltd. Lifetime	Faceplate - ORANGE	25.70 0.25 0.11	10.31 9.59 8.96
NEW 425178 1 EACH	AleEv (formerly MTU) 21543 6 month Ltd. Lifetime	Faceplate - Amethyst Purple	25.70 0.25 0.11	10.31 9.59 8.96
NEW 428159 1 EACH	AleEv (formerly MTU) 21540 6 month Ltd. Lifetime	Faceplate - Huggs and Kisses	37.15 0.25 0.11	14.92 13.87 12.96
NEW 431369 1 EACH	AleEv (formerly MTU) 21565 6 month Ltd. Lifetime	Faceplate - Halloween	37.15 0.25 0.11	14.92 13.87 12.96
NEW 432133 1 EACH	AleEv (formerly MTU) 21542 6 month Ltd. Lifetime	Faceplate - CLEAR	25.70 0.25 0.11	10.31 9.59 8.96
NEW 432139 1 EACH	AleEv (formerly MTU) 21520 6 month Ltd. Lifetime	Faceplate - BUTTERFLY	37.15 0.25 0.11	14.92 13.87 12.96
NEW 440119 1 EACH	AleEv (formerly MTU) 21512 6 month Ltd. Lifetime	Faceplate - LUCID LEMON	25.70 0.11 0.05	10.31 9.59 8.96
NEW 441182 1 EACH	AleEv (formerly MTU) 21518 6 months limited warr.	Faceplate - Lava Purple	37.15 0.25 0.11	14.92 13.87 12.96
NEW 450197 1 EACH	AleEv (formerly MTU) 21506 6 month Ltd. Lifetime	Faceplate - AQUA MARINE BLUE	25.70 0.25 0.11	10.31 9.59 8.96
NEW 455138 1 EACH	AleEv (formerly MTU) 21511 6 MONTH Ltd. Lifetime	Faceplate - WILD STRAWBERRY	25.70 0.25 0.11	10.31 9.59 8.96
NEW 455187 1 EACH	AleEv (formerly MTU) 21507 6 month Ltd. Lifetime	Faceplate - ELECTRIC LIME	25.70 0.11 0.05	10.31 9.59 8.96
NEW 467146 1 EACH	AleEv (formerly MTU) 21545 6 month Ltd. Lifetime	Faceplate - Heart Arrow	37.15 0.25 0.11	14.92 13.87 12.96
NEW 469152 1 EACH	AleEv (formerly MTU) 21509 6 month Ltd. Lifetime	Faceplate - COTTON CANDY	25.70 0.25 0.11	10.31 9.59 8.96
NEW 469163 1 EACH	AleEv (formerly MTU) 21505 6 month Ltd. Lifetime	Faceplate - BABY PINK	25.70 0.25 0.11	10.31 9.59 8.96
NEW 473188 1 EACH	AleEv (formerly MTU) 21515 6 months Ltd. Lifetime	Faceplate - WATERDROPS	37.15 0.25 0.11	14.92 13.87 12.96

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Nokia 3360

Continuing product table (4 of 4)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 475172 1 EACH	AleEv (formerly MTU) 21521 6 months Ltd. Lifetime	Faceplate - SUNFLOWER	37.15 0.25 0.11	14.92 13.87 12.96
NEW 483174 1 EACH	AleEv (formerly MTU) 21541 6 month Ltd. Lifetime	Faceplate - Midnight Blue	25.70 0.25 0.11	10.31 9.59 8.96
NEW 488176 1 EACH	AleEv (formerly MTU) 21513 6 month Ltd. Lifetime	Faceplate - Cobalt Blue	25.70 0.25 0.11	10.31 9.59 8.96
NEW 489108 1 EACH	AleEv (formerly MTU) 21516 6 month Ltd. Lifetime	Faceplate - LADYBUG	37.15 0.25 0.11	14.92 13.87 12.96
NEW 489181 1 EACH	AleEv (formerly MTU) 21519 6 month Ltd. Lifetime	Faceplate - ELECTRIC BLUE	37.15 0.25 0.11	14.92 13.87 12.96
NEW 491194 1 EACH	AleEv (formerly MTU) 21504 6 month Ltd. Lifetime	Faceplate - YELLOW	25.70 0.25 0.11	10.31 9.59 8.96
NEW 492132 1 EACH	AleEv (formerly MTU) 21517 6 month Ltd. Lifetime	Faceplate - FLOWER POWER	37.15 0.25 0.11	14.92 13.87 12.96
NEW 494173 1 EACH	AleEv (formerly MTU) 21535 6 month Ltd. Lifetime	Faceplate - Lava Green	37.15 0.25 0.11	14.92 13.87 12.96
NEW 494176 1 EACH	AleEv (formerly MTU) 21508 6 MONTH Ltd. Lifetime	Faceplate - ORANGFE CRUSH	25.70 0.25 0.11	10.31 9.59 8.96

FPF Fun Friends

Fun Friends are leading the way with adorable characters that give new attitude to these wise dull products. Fun Friends are a perfect match for all who enjoy plush characters ra from Funky the Monkey to Tadpole our Lime Green Frog.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW 417318 1 EACH	funphonefriend.com A-05 30 days	Fun Friends phone cover. Tapole Frog	15.00 0.32 0.15
NEW 425345 1 EACH	funphonefriend.com A-01 30days	FunFriends phone cover. Bully-Bulldog	15.00 0.32 0.15
NEW 440370 1 EACH	funphonefriend.com A-22 30 days	Fun Friends Funky- Monkey	15.00 0.32 0.15
NEW 454305 1 EACH	funphonefriend.com A-19 30 days	FunFriends phone cover. ALI- Aligator	15.00 0.32 0.15
NEW 474325 1 EACH	funphonefriend.com A-27 30 days	Fun Friends phone cover. Santa	15.00 0.32 0.15
NEW 481374 1 EACH	funphonefriend.com A-15 30 days	Fun Friends phone covers. Dangles- Dog Hanging Legs	15.00 0.32 0.15
NEW 482389 1 EACH	funphonefriend.com A-24 30 days	Fun Friends phone covers. Munchie- Manatee	15.00 0.32 0.15
NEW 486359 1 EACH	funphonefriend.com A-10 30 days	Fun Friends phone covers. Kit Kat- Cat	15.00 0.32 0.15
NEW 488341 1 EACH	funphonefriend.com A-7 30 days	Fun Friends phone cover. Larry -Lobster	15.00 0.32 0.15
NEW 490397 1 EACH	funphonefriend.com A-21 30 days	Fun Friends phone covers. Cheeser- Mouse	15.00 0.32 0.15
NEW 491340 1 EACH	funphonefriend.com A-09 30 days	Fun Friends phone covers. Oinky- Pig	15.00 0.32 0.15
NEW 499325 1 EACH	funphonefriend.com A-20 30 days	Fun Friends phone covers. Moo Moo- Cow	15.00 0.32 0.15

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Image Faceplates - Nokia 3360

99341 433121 460168

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 341 EACH	Pro Image Sports Mrkting SP08N36 1 Year	Faceplate - #8 Dale Earnhardt Jr.	31.65 0.2 0.09	20.33 19.22 18.15
NEW 161 EACH	Pro Image Sports Mrkting SP06N36 1 Year	Faceplate - #6 Mark Martin.	31.65 0.2 0.09	20.33 19.22 18.15
NEW 164 EACH	Pro Image Sports Mrkting SP29N36 1 Year	Faceplate - #29 Kevin Harvic.	31.65 0.2 0.09	20.33 19.22 18.15
NEW 121 EACH	Pro Image Sports Mrkting SP18N36 1 Year	Faceplate - #18 Bobby Labonte.	31.65 0.2 0.09	20.33 19.22 18.15
NEW 125 EACH	Pro Image Sports Mrkting SP17N36 1 Year	Faceplate - #17 Matt Kenseth.	31.65 0.2 0.09	20.33 19.22 18.15
NEW 166 EACH	Pro Image Sports Mrkting SP03N36 1 Year	Faceplate - #3 Dale Earnhardt.	31.65 0.2 0.09	20.33 19.22 18.15
NEW 168 EACH	Pro Image Sports Mrkting SP20N36 1 Year	Faceplate - #20 Tony Stewart	31.65 0.2 0.09	20.33 19.22 18.15
NEW 183 EACH	Pro Image Sports Mrkting SP30N36 1 Year	Faceplate - #30 Jeff Green.	31.65 0.2 0.09	20.33 19.22 18.15
NEW 194 EACH	Pro Image Sports Mrkting SP99N36 1 Year	Faceplate - #99 Jeff Burton	31.65 0.2 0.09	20.33 19.22 18.15
NEW 181 EACH	Pro Image Sports Mrkting SP31N36 1 Year	Faceplate - #31 Robby Gordon	31.65 0.2 0.09	20.33 19.22 18.15
NEW 195 EACH	Pro Image Sports Mrkting SP28N36 1 Year	Faceplate - #28 Ricky Rudd	31.65 0.2 0.09	20.33 19.22 18.15
NEW 187 EACH	Pro Image Sports Mrkting SP88N36 1 Year	Faceplate - #88 Dale Jarrett.	31.65 0.2 0.09	20.33 19.22 18.15

Chargers, Desk Top, Travel [305-60]

Nokia Chargers

12531 471158

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Chargers used with Desk Top Charging Stands or battery charger adapters. Plugs into 120V outlet.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
12531 EACH	Nokia ACP-7U Limited Lifetime	Travel Charger for 32/33/51/61/63/64/71/83/8800 phones.	13.00 0.3 0.14	5.54 5.36 5.34
NEW 6345 EACH	Nokia ACP-12U Limited Lifetime	Travel Charger for Nokia 9290, 6360, 6340, 6310, 7210, 7290, 8390.	24.95 0.3 0.14	14.53 14.04 13.98
NEW 0381 EACH	Nokia ACP-7E Limited Lifetime	European Travel Charger For 8550 and 3210.	13.00 0.3 0.14	5.04 4.86 4.84

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 486358 1 EACH	Nokia ACP-8E Limited Lifetime	European Rapid Travel Charger For 8850 and 3210.	19.95 0.4 0.18	12.59 12.15 12.10
NEW 471158 1 EACH	Nokia ACP-8U Limited Lifetime	Rapid Travel Charger For Nokia 32/33/61/63/64/82/8800.	19.95 0.4 0.18	13.09 12.65 12.60

Nokia Desk Top Charging Stands

458042 495079

Desktop charging stand for Nokia Cellular phones. Provides a convenient way to charge the phone. Used with an external power supply (different power supplies for fast charging, trickle charging, or automotive charging). REQUIRES TRAVEL CHARGER (sold separately).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
458042 1 EACH	Nokia DDC-1 1 Year	Desktop Charging Stand Only for spare battery only.	39.95 0.3 0.14	25.53 24.64 24.54
495079 1 EACH	Nokia DCV-10 1 Year	Desktop Charging Stand-Requires ACP-8U or ACP-7U power supply	19.00 0.18 0.08	8.49 8.19 8.16

Wireless Solutions Travel Charger

93302

- Plugs into any 110 volt outlet
- Use your phone while it is charging
- Rapid Charges batteries in about 2-4 hours
- Attractive retail packaging that promotes self selection and consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
93302 1 EACH	Wireless Solutions 93302 Lifetime	Travel Charger	8.65 0.56 0.25	6.34 5.14 3.95

Cases for Portable Cellular Phones [310-10]

Nokia OEM Phone Cases

459136 473108 432095 435056 497091

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 479316 1 EACH	Nokia CSL-24 Length of Ownership	Leather case with adjustable shoulder strap. Retail box.	14.00 0.25 0.11	10.57 10.22 10.18
459136 1 EACH	Nokia CSL-20 Length of Ownership	Horizontal Leather Case. Retail packaged. Black	14.95 0.3 0.14	8.05 7.79 7.76
473108 1 EACH	Nokia CBM-12 Length of Ownership	Rubber Carry Sleeve. Retail packaged. Black	14.95 0.3 0.14	7.62 7.38 7.35
432095 1 EACH	Nokia CSL-12 Length of Ownership	Leather Case w. Spring Clip. Retail packaged. Black	19.95 0.15 0.07	7.91 7.65 7.62

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Nokia 3360

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
435056 1 EACH	Nokia CSM-2 Length of Ownership	Silver Microfiber Case. Retail packaged. Silver	9.00 0.3 0.14	6.98 6.75 6.72
497091 1 EACH	Nokia CSM-3 Length of Ownership	Microfiber Case. Retail packaged. Blue	9.00 0.3 0.14	6.98 6.75 6.72

Wireless Solutions Cases

417182

- High quality leather
- Nylon stitching
- Leather covered rust resistant spring clip
- Mylar plastic that will not yellow or crack
- Environmentally tested to ensure durability
- Attractive retail packaging that promotes self selectionand consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
417182 1 EACH	Wireless Solutions 457155U Lifetime	Leather case with built-in swivel and belt clip. Retail packaged. Black	11.60 0.4 0.18	7.50 6.87 6.30

Wireless Solutions Phone Holsters

414110

- Phone Holster can ratchet 180 degrees.
- Phone sits firmly in place inside of holster.
- Holster is manufactured with high-impact plastic.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
414110 1 EACH	Wireless Solutions 470179U 1 Year	Ratcheting Phone Holster Black	7.75 0.3 0.14	5.51 4.66 3.60

Wireless Solutions Standard Cases

469171

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 469171 1 EACH	Wireless Solutions 433148U 1 year	Carry Case with Full Vinyl Window Black	7.55 0.35 0.16	4.76 4.00 3.51

MTU Holsters

411333 467319

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)
NEW 411333 1 EACH	AleEv (formerly MTU) 22104 1 Year	Holster w/ swiveling clip for 8260. Black	14.20 0.25 0.11
NEW 467319 1 EACH	AleEv (formerly MTU) 21990 1 Year	Reverse style holster . Black	14.20 0.25 0.11

Nite Ize Holsters

437345

The Stand-Up Phone Holster provides the ultimate in protection and usabilit your phone. Durable Ballistic nylon protects from moisture and scratches, an secure holstering mechanism ensures your phone will never leave your belt u tionally

- Available in three sizes: small, medium and large. Elastic sides expand to accomodate various phones
- Multiple pockets hold accessories
- Bendable metal frame stands, hangs or attaches to holster and provides a hands-free workstation
- Security snap attaches securely to belt
- Open-ended design for CLA's, headset or oth phone accessories

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)
NEW 437345 1 EACH	Nite Ize SUMP-07-01 2 years	Medium holster. Phone must fit into 5 1/2L" x 3 1/8"W x 1 1/4D" pocket.	28.25 0.15 0.07

Nite Ize Protective Case

422375 424372 467363 482355

Boxit mobile phone case provides the ultim protection for any environment.

- Molded polyurethane front and polycarbonate back protects phone from moisture, dirt, dust, and shock. Floats too!
- Includes two different lids to accomodate nearly every phone. Antenna extensions and plugs are included for nearly every style antenna.
- Hear and talk through flexible transparent fac while a special waterproof Gore audio memb enhances audibility and guarantees effective s transmission
- Operates from -40F to +140F. Approved to IP and IP65

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)
NEW 422375 1 EACH	Nite Ize NBX-07-01 2 years	BOXIT universal phone case. Onyx color	46.20 0.15 0.07
NEW 424372 1 EACH	Nite Ize NBX-07-04 2 years	BOXIT universal phone case. Crystal color.	46.20 0.15 0.07
NEW 467363 1 EACH	Nite Ize NBX-07-28 2 years	BOXIT universal phone case. Citron color.	46.20 0.15 0.07
NEW 482355 1 EACH	Nite Ize NBX-07-03 2 years	BOXIT universal phone case. Aqua color.	46.20 0.15 0.07

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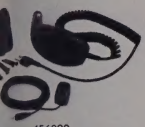
Hands Free Kits, Mics, Headsets [262-09]

kia Handsfree Kit

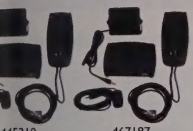


456099

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
99 CH	Nokia CARK-125 3 Year	Express Car Kit for the Nokia 3390	98.00 0.95 0.43	70.47 68.02 67.72

mplete Nokia Car Kits



445310 467187

NOKIA Handsfree Installation Kit for permanent mounting in a vehicle. Allows you to convert your portable phone into a complete in-car phone. Provides hands-free, external antenna connection, external speaker, fast charger and mounting hardware.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 10 CH	Nokia CARK-134 1 Year	NOKIA CARK-134 Handsfree kit. Kit provides holder, speaker, mic, and external antenna connection. Professional install required.	158.00 2.4 1.09	113.61 109.66 109.18
W 99 CH	Nokia CARK-128 3 Year	Complete handsfree car kit. Professional install recommended. External antenna connection terminates with an FME connector from cradle.	158.00 1.8 0.82	113.61 109.66 109.18
W 87 CH	Nokia CARK-133 3 Year	NOKIA Handsfree Car Kit for 3320/3360. Includes active cradle, junction box, speaker, mic, power cable, swivel mount and plate. Not privacy handset compatible.	158.00 1.8 0.82	113.61 109.66 109.18

arteq Handsfree Kits

486127

Smarteq handsfree car kits use patented antenna coupling technology for the newest wireless phones that use inductive antennas. Each kit terminates in an FME male connector.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
27 CH	Smarteq 70962 1 Year	Installed Handsfree Car Kit	197.75 2.25 1.02	124.95 119.55 112.50

Headsets [262-10]

ra In-the-Ear Headset

The JABRA Corporation's headset features an innovative all-in-the-ear speaker and microphone. Built-in noise reduction technology for clear transmissions. Totally portable and digital-ready. Four-foot cable, six EarGels and standard 2.5 mm plug for direct connection to mobile phone.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
96 CH	Jabra Corporation ESNOK8860302 1 year	EarSet with built-in microphone and eargel ear piece.	30.95 0.4 0.18	17.62 15.46 15.15

Jabra Earboom Winder

458103

The EarBoom Winder gives you a tangle-free solution to handsfree communication. Talk handsfree when you're on the go, then retract the cord and stow the EarBoom at the touch of a button.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 458103 1 EACH	Jabra Corporation EMWINDERNOK8 8302 1 Year	EarWinder Headset. Retail packaged.	34.90 0.35 0.16	19.90 17.45 17.11

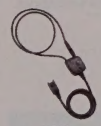
Nokia Headset Kit

498000 461199 443374

Nokia headset kit. Includes a intergrated earpiece and microphone for handsfree conversations and a cord mounted answer/end button for convenience. Special 2.5mm jack that only works with the Nokia 8860.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
498000 1 EACH	Nokia HDC-5 3 Year	Headset kit. Special 2.5mm jack that only works with these phones. Built-in answer/end key.	21.95 0.17 0.08	8.41 8.14 8.11
461199 1 EACH	Nokia HDE-2 3 Year	Ear bud headset kit. 2.5mm jack.	9.95 0.17 0.08	5.83 5.64 5.62
NEW 443374 1 EACH	Nokia HDB-5 3 Year	Headset kit. Special 2.5mm jack that only works with these phones. Built-in answer/end key.	24.95 0.17 0.08	9.85 9.53 9.49

Inductive Loop for Hearing Aids

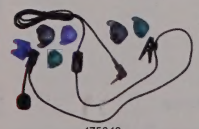


70381

Nokia inductive loop for hearing impaired users. Easy to use device for smooth interaction between T-coil equipped hearing aid and a portable NOKIA phone. Consists of a wire loop that goes around the user's neck and connects to the bottom of the phone. Loopset transmits speech from the phone to the aid.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 70381 1 EACH	Nokia LPS-3 1 Year	For use between a T-coil equipped hearing aid and the phone.	69.95 0.22 0.1	48.90 47.20 46.99

Wireless Solutions EarBoom Headset



475040

Wireless Solutions In The Ear headset features a boom mic. Comfortable. Provide good mic sound as well as in the ear speaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
475040 1 EACH	Wireless Solutions 497057U Lifetime	Earboom Headset	31.00 0.4 0.18	13.31 11.32 9.31

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Nokia 3360

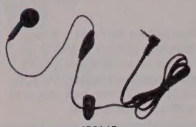
Wireless Solutions EarBud Headset

488021

The Wireless Soluitons EarBud is the most cost-effective, solution for mobile phone users wanting a hands-free alternative at a value price. The EarBud integrates the microphone as part of the cable leading from the ear to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
488021 I EACH	Wireless Solutions 426080U Lifetime	Earbud Headset. Includes six eargels.	27.00 0.4 0.18	12.09 10.09 8.09

Wireless Solutions Bud Headset



458165

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **458165** I EACH	Wireless Solutions 440193U I Year	Bud Headset	7.75 0.35 0.16	5.27 4.22 3.60

Portable Cellular Phone Accessory Kit [262-50]

Nokia Accessory Kit

489356

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

- Accessory Kit. Includes rapid cigarette lighter charger and case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **489356** I EACH	Nokia 424135/12264 I Year	Starter kit. Includes cigarette lighter charger and open faced leather case with swivel clip..	34.90 0.5 0.23	15.18 14.68 14.60

Wireless Solutions Starter Kits

422187

- Includes leather case and vehicle power adapter. Wireless Solutions Retail Package.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **422187** I EACH	Wireless Solutions 38868 Lifetime	Starter Kit. Includes leather case with buitl-in swivel and beltclip and VPA.	33.00 0.5 0.23	13.90 11.92 9.90

Mounting Plates, Cradles, Holders [150-40]

Nokia Phone Cradles

430139

Original accessories... "from the people that made your phone(TM)." OEMs d and manufacture accessories to match the specific requirements of their pho satisfying the most demanding customer. You can trust the high quality and pe mance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
NEW **430139** I EACH	Nokia MBC-6 Lifetime	Nokia 3390 Mobile Phone Holder. Includes HHS-9 mounting bracket.	14.00 0.6 0.27	

NEW = New Listing. Pricing for referen
See TESSCO.com for latest pricing and
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Compatible Phone Models:

Nokia 3390
Nokia 3395

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

kia Portable Phone Batteries

410093

483079

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

No. Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
093	Nokia	Extended Li-Ion Battery.	59.00	30.70
CH	BLC-2	850mah Lilo 3 hours 45 minutes/ 9.5 Days	0.3	29.65
	1 Year		0.14	29.53
079	Nokia	Extended Battery	34.95	14.88
CH	BMC-3	900mah NiMH 3 hours 45 minutes/ 9.5 Days	0.3	14.38
	1 Year		0.14	14.32

reless Solutions Batteries

439374
Quality, Great Value

- Available with merchandising system that drives multiple and repeat purchases to improve overall profitability

active retail packaging that promotes self selec- and consumer education

No. Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W	Wireless Solutions	Replacement Battery White	30.55	21.52
374	484129U	600 mAh Lilo 1 to 3 hours DTT/1 to 4 days DST	0.35	17.51
CH	Lifetime		0.16	15.76

Vehicle Power Adapters [275-10]

kia (OEM) Vehicle Power Adapters

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories. These products are used by directly plugging onto the phone without removing the battery. Provides power to the phone and charges the battery at the same time.

634

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
634	Nokia	Vehicle Power Adapter. Retail Packaged.	19.95	7.63
CH	LCH-9		0.32	7.39
	Lifetime		0.15	7.34

Wireless Solutions Vehicle Power Adapter

16647

Wireless Solutions Vehicle adapters are a great value, and high quality. Quality tested cable returns to original shape after multiple stretches. Attractive retail packaging.

- Variable rate charging for safety & convenience (no overcharging)
- Enough current to make a call with a discharged battery
- Attractive retail packaging that promotes self selection and consumer education
- Available with revolutionary merchandising system that drives multiple and repeat purchase to improve overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
16647	Wireless Solutions	Vehicle Power Adapter. Retail Packaged.	23.00	7.24
1 EACH	16647		0.35	5.91
	1 Year		0.16	4.60

Face Plates [311-10]

Nokia 3390 Xpress-On Covers

440067 468131 439165 496015 442125 471059

470159 440056 442326 480392 459378 478399

430059

Nokia 3390 Xpress-on user changeable front and back color covers according to the latest trends. Change the covers to match your mood, clothes or the season.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
440067	Nokia	A&B Faceplates - Air	29.95	19.78
1 EACH	SKR-46		0.3	19.09
	30 Days		0.14	19.01
468131	Nokia	A&B Faceplates - Couple Man	27.50	19.78
1 EACH	SKR-90		0.3	19.09
	30 Days		0.14	19.01
439165	Nokia	A&B Faceplates - Discover	27.50	19.78
1 EACH	SKR-59		0.3	19.09
	30 Days		0.14	19.01
496015	Nokia	A&B Faceplates - Iceberg Grey	18.00	12.95
1 EACH	SKR-26		0.25	12.50
	30 Days		0.11	12.44
442125	Nokia	A&B Faceplates - Hot Jazz	27.50	19.78
1 EACH	SKR-60		0.3	19.09
	30 Days		0.14	19.01
471059	Nokia	A&B Faceplates - Land	29.95	19.78
1 EACH	SKR-44		0.3	19.09
	30 Days		0.14	19.01
470159	Nokia	A&B Faceplates - Antique Olympia	27.50	19.78
1 EACH	SKR-62		0.3	19.09
	30 Days		0.14	19.01
440056	Nokia	A&B Faceplates - Sea	29.95	19.78
1 EACH	SKR-45		0.18	19.09
	30 Days		0.08	19.01
NEW	Nokia	Xpress-on A&B Color Covers. Simple Clear.	11.50	8.27
442326	SKR-175		0.18	7.99
1 EACH	1 Year		0.08	7.95
NEW	Nokia	Xpress-on A&B Color Covers. Clear Aqua.	11.50	8.27
480392	SKR-176		0.18	7.99
1 EACH	1 Year		0.08	7.95
NEW	Nokia	Xpress-on A&B Color Covers. Clear Pink.	11.50	8.27
459378	SKR-177		0.18	7.99
1 EACH	1 Year		0.08	7.95

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Nokia 3390

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 478399 1 EACH	Nokia SKR-178 1 Year	Xpress-on A&B Color Covers. Clear Blue.	11.50 0.18 0.08	8.27 7.99 7.95
430059 1 EACH	Nokia SKR-24 30 Days	A&B Faceplates - Himalaya White	18.00 0.2 0.09	12.95 12.50 12.44

AleEv Faceplates Nokia 3390

426373 459376 463369 425374 428372 435387 444357

445361 449356 449360 452334 452381 454394 459399

464343 466395 467368 480361 484335 488348 492355

494310 498347

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 426373 1 EACH	AleEv (formerly MTU) 21738 30 days	A&B "Ornament" covers for 3390 phones.	37.15 0.15 0.07	14.92 13.87 12.96
NEW 459376 1 EACH	AleEv (formerly MTU) 21739 30 days	A&B Snowman cover for the 3390 Nokia phones.	37.15 0.15 0.07	14.92 13.87 12.96
NEW 463369 1 EACH	AleEv (formerly MTU) 21740 30 days	A&B Christmas Tree cover for the 3390 Nokia phones.	37.15 0.15 0.07	14.92 13.87 12.96
NEW 425374 1 EACH	AleEv (formerly MTU) 21734 6 month Ltd. Lifetime	Faceplate - Rocket Red	25.70 0.25 0.11	10.31 9.59 8.96
NEW 428372 1 EACH	AleEv (formerly MTU) 21733 6 month Ltd. Lifetime	Faceplate - Tattoo	37.15 0.25 0.11	14.92 13.87 12.96
NEW 435387 1 EACH	AleEv (formerly MTU) 21785 6 month Ltd. Lifetime	Faceplate - Amethyst Purple	25.70 0.25 0.11	10.31 9.59 8.96
NEW 444357 1 EACH	AleEv (formerly MTU) 21727 6 month Ltd. Lifetime	Faceplate - Lava Green	37.15 0.25 0.11	14.92 13.87 12.96
NEW 445361 1 EACH	AleEv (formerly MTU) 21732 6 month Ltd. Lifetime	Faceplate - Sunflower	37.15 0.25 0.11	14.92 13.87 12.96

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW 449356 1 EACH	AleEv (formerly MTU) 21784 6 month Ltd. Lifetime	Faceplate - Clear	25.70 0.25 0.11	10. 9.5 8.9
NEW 449360 1 EACH	AleEv (formerly MTU) 21728 6 month Ltd. Lifetime	Faceplate - Black Flame	37.15 0.25 0.11	14. 13. 12.
NEW 452334 1 EACH	AleEv (formerly MTU) 21721 6 month Ltd. Lifetime	Faceplate - Royal Purple	25.70 0.25 0.11	10. 9.5 8.9
NEW 452381 1 EACH	AleEv (formerly MTU) 21780 6 month Ltd. Lifetime	Faceplate - Aqua Marine Blue	25.70 0.25 0.11	10. 9.5 8.9
NEW 454394 1 EACH	AleEv (formerly MTU) 21729 6 month Ltd. Lifetime	Faceplate - Butterfly	37.15 0.25 0.11	14. 13. 12.
NEW 459399 1 EACH	AleEv (formerly MTU) 21783 6 month Ltd. Lifetime	Faceplate - Wild Strawberry	25.70 0.25 0.11	10. 9.5 8.9
NEW 464343 1 EACH	AleEv (formerly MTU) 21725 6 month Ltd. Lifetime	Faceplate - Basketball "Real Feel"	37.15 0.25 0.11	14. 13. 12.
NEW 466395 1 EACH	AleEv (formerly MTU) 21782 6 month Ltd. Lifetime	Faceplate - Cotton Candy	25.70 0.25 0.11	10. 9.5 8.9
NEW 467368 1 EACH	AleEv (formerly MTU) 21731 6 month Ltd. Lifetime	Faceplate - Moon	37.15 0.25 0.11	14. 13. 12.
NEW 480361 1 EACH	AleEv (formerly MTU) 21786 6 month Ltd. Lifetime	Faceplate - Jade Green	25.70 0.25 0.11	10. 9. 8.
NEW 484335 1 EACH	AleEv (formerly MTU) 21781 6 month Ltd. Lifetime	Faceplate - Electric Lime	25.70 0.25 0.11	10 9. 8.
NEW 488348 1 EACH	AleEv (formerly MTU) 21735 6 month Ltd. Lifetime	Faceplate - Speed Blue	25.70 0.25 0.11	10 9. 8.
NEW 492355 1 EACH	AleEv (formerly MTU) 21726 6 month Ltd. Lifetime	Faceplate - Lava Purple	37.15 0.25 0.11	14 13 12
NEW 494310 1 EACH	AleEv (formerly MTU) 21730 6 month Ltd. Lifetime	Faceplate - Ultra Sonic	37.15 0.25 0.11	14 13 12
NEW 498347 1 EACH	AleEv (formerly MTU) 21722 6 month Ltd. Lifetime	Faceplate - Waterdrops	37.15 0.25 0.11	14 13 12

NEW = New Listing. Pricing for reference
See TESSCO.com for latest pricing and pro
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Fun Friends

417318 425345 440370

454305 474325 481374

482389 486359 488341

490397 491340 499325

Friends are leading the way with adorable characters that give new attitude to these other- dull products. Fun Friends are a perfect match for all who enjoy plush characters ranging Funky the Monkey to Tadpole our Lime Green Frog.

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 318 CH	funphonefriend.com A-05 30 days	Fun Friends phone cover. Tapole Frog	15.00 0.32 0.15	6.50 5.75 5.21
W 345 CH	funphonefriend.com A-01 30days	FunFriends phone cover. Bully-Bulldog	15.00 0.32 0.15	6.50 5.75 5.21
W 370 CH	funphonefriend.com A-22 30 days	Fun Friends Funky- Monkey	15.00 0.32 0.15	6.50 5.75 5.21
W 305 CH	funphonefriend.com A-19 30 days	FunFriends phone cover. ALI- Aligator	15.00 0.32 0.15	6.50 5.75 5.21
W 325 CH	funphonefriend.com A-27 30 days	Fun Friends phone cover. Santa	15.00 0.32 0.15	6.50 5.75 5.21
W 374 CH	funphonefriend.com A-15 30 days	Fun Friends phone covers. Dangles- Dog Hanging Legs	15.00 0.32 0.15	6.50 5.75 5.21
W 389 CH	funphonefriend.com A-24 30 days	Fun Friends phone covers. Munchie- Manatee	15.00 0.32 0.15	6.50 5.75 5.21
W 359 CH	funphonefriend.com A-10 30 days	Fun Friends phone covers. Kit Kat- Cat	15.00 0.32 0.15	6.50 5.75 5.21
W 341 CH	funphonefriend.com A-7 30 days	Fun Friends phone cover. Larry -Lobster	15.00 0.32 0.15	6.50 5.75 5.21
W 397 CH	funphonefriend.com A-21 30 days	Fun Friends phone covers. Cheeser- Mouse	15.00 0.32 0.15	6.50 5.75 5.21
W 340 CH	funphonefriend.com A-09 30 days	Fun Friends phone covers. Oinky- Pig	15.00 0.32 0.15	6.50 5.75 5.21
W 325 CH	funphonefriend.com A-20 30 days	Fun Friends phone covers. Moo Moo- Cow	15.00 0.32 0.15	6.50 5.75 5.21

Pro Image Faceplates- Nokia 3390

450327 416369 442367 449384 458378

483362

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 450327 1 EACH	Pro Image Sports Mrkting SP08N39 1 Year	Faceplate - #8 Dale Earnhardt Jr.	31.65 0.2 0.09	20.33 19.22 18.15
NEW 416369 1 EACH	Pro Image Sports Mrkting SP29N39 1 Year	Faceplate - #29 Kevin Harvic.	31.65 0.2 0.09	20.33 19.22 18.15
NEW 442357 1 EACH	Pro Image Sports Mrkting SP28N39 1 Year	Faceplate - #28 Ricky Rudd	31.65 0.2 0.09	20.33 19.22 18.15
NEW 442367 1 EACH	Pro Image Sports Mrkting SP06N39 1 Year	Faceplate - #6 Mark Martin.	31.65 0.2 0.09	20.33 19.22 18.15
NEW 442370 1 EACH	Pro Image Sports Mrkting SP31N39 1 Year	Faceplate - #31 Robby Gordon	31.65 0.2 0.09	20.33 19.22 18.15
NEW 449384 1 EACH	Pro Image Sports Mrkting SP18N39 1 Year	Faceplate - #18 Bobby Labonte.	31.65 0.2 0.09	20.33 19.22 18.15
NEW 451304 1 EACH	Pro Image Sports Mrkting SP99N39 1 Year	Faceplate - #99 Jeff Burton	31.65 0.2 0.09	20.33 19.22 18.15
NEW 451367 1 EACH	Pro Image Sports Mrkting SP88N39 1 Year	Faceplate - #88 Dale Jarrett.	31.65 0.2 0.09	20.33 19.22 18.15
NEW 458378 1 EACH	Pro Image Sports Mrkting SP20N39 1 Year	Faceplate - #20 Tony Stewart	31.65 0.2 0.09	20.33 19.22 18.15
NEW 475300 1 EACH	Pro Image Sports Mrkting SP30N39 1 Year	Faceplate - #30 Jeff Green.	31.65 0.2 0.09	20.33 19.22 18.15
NEW 483362 1 EACH	Pro Image Sports Mrkting SP03N39 1 Year	Faceplate - #3 Dale Earnhardt.	31.65 0.2 0.09	20.33 19.22 18.15
NEW 490331 1 EACH	Pro Image Sports Mrkting SP17N39 1 Year	Faceplate - #17 Matt Kenseth.	31.65 0.2 0.09	20.33 19.22 18.15

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Nokia 3390

Prime Finish Faceplates - Nokia 3390/95

410123 410142 423116 437183 450144

452114 469158 474101 483179 494159

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 410123 1 EACH	Prime Finish 10307 30 Days	Faceplate -Star Decoration front/ back face for 3390/95.	25.00 0.1 0.05	13.50 13.50 13.50
NEW 410142 1 EACH	Prime Finish 10301 30 Days	Faceplate -Kissed Orange frnt/ back	20.25 0.1 0.05	10.94 10.94 10.94
NEW 423116 1 EACH	Prime Finish 10300 30 Days	Faceplate -Fancy Fuchsia front/ back	20.25 0.1 0.05	10.94 10.94 10.94
NEW 431184 1 EACH	Prime Finish 10303 30 Days	FACE PLATE- Pretty In Pink frnt/back for 3390/95.	20.25 0.1 0.05	10.94 10.94 10.94
NEW 437183 1 EACH	Prime Finish 10309 30 Days	Faceplate -Burl Wood front/ back face for 3390/95.	25.00 0.1 0.05	13.50 13.50 13.50
NEW 438143 1 EACH	Prime Finish 10312 30 Days	Faceplate -Swing Dance 3390/95	27.35 0.1 0.05	14.97 14.75 14.75
NEW 450144 1 EACH	Prime Finish 10305 30 Days	Faceplate -Lemon Yellow	20.25 0.1 0.05	10.94 10.94 10.94
NEW 452114 1 EACH	Prime Finish 10322 30 Days	Faceplate -Sun Yellow frnt/ back face for 3390/95.	20.25 0.1 0.05	10.94 10.94 10.94
NEW 461129 1 EACH	Prime Finish 10320 30 Days	Faceplate -Champagne frnt/ back face for 3390/95.	20.25 0.1 0.05	10.94 10.94 10.94
NEW 468147 1 EACH	Prime Finish 10310 30 Days	Faceplate -Musical Tweens front/ back face plate.	27.35 0.1 0.05	14.97 14.75 14.75
NEW 469158 1 EACH	Prime Finish 10306 30 Days	Faceplate -Pale Purple frnt/back face for 3390/95.	20.25 0.1 0.05	10.94 10.94 10.94
NEW 474101 1 EACH	Prime Finish 10318 30 Days	Faceplate -front/ back face for 3390/95.	20.25 0.1 0.05	10.94 10.94 10.94
NEW 483179 1 EACH	Prime Finish 10308 30 Days	Faceplate -Brushed Aluminum front/ back face for 3390/95.	25.00 0.1 0.05	13.50 13.50 13.50
NEW 485197 1 EACH	Prime Finish 10311 30 Days	Faceplate -Blondie Tween front/ back face plate.	27.35 0.1 0.05	14.97 14.75 14.75
NEW 494159 1 EACH	Prime Finish 10302 30 Days	Faceplate -Crystal Blue frnt/back face plate.	20.25 0.1 0.05	10.94 10.94 10.94
NEW 498125 1 EACH	Prime Finish 10304 30 Days	Faceplate -frnt/back for 3390/95 phones.	20.25 0.1 0.05	10.94 10.94 10.94

Chargers, Desk Top, Travel [305-60]

Nokia Chargers

12531 471158

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to ma the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and perfor mance of original accessories.

- Chargers used with Desk Top Charging Stands or battery charger adapters. Plugs into 120V outlet.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
12531 1 EACH	Nokia ACP-7U Limited Lifetime	Travel Charger for 32/33/51/61/63/64/71/83/8800 phones.	13.00 0.3 0.14	5.5 5.3 5.3
NEW 466345 1 EACH	Nokia ACP-12U Limited Lifetime	Travel Charger for Nokia 9290, 6360, 6340, 6310, 7210, 7290, 8390.	24.95 0.3 0.14	14.5 14.0 13.5
NEW 480381 1 EACH	Nokia ACP-7E Limited Lifetime	European Travel Charger For 8550 and 3210.	13.00 0.3 0.14	5.0 4.8 4.8
NEW 486358 1 EACH	Nokia ACP-8E Limited Lifetime	European Rapid Travel Charger For 8850 and 3210.	19.95 0.4 0.18	12.5 12.1 12.1
NEW 471158 1 EACH	Nokia ACP-8U Limited Lifetime	Rapid Travel Charger For Nokia 32/33/61/63/64/82/ 8800.	19.95 0.4 0.18	13.0 12.6 12.6

Nokia Desk Top Charging Stands

458042 495079

Desktop charging stand for Nokia Cellular phones. Provides convenient way to charge the phone. Used with an external power supply (different power supplies for fast charging, tric charging, or automotive charging). REQUIRES TRAVEL CHARGER (sold separately).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
458042 1 EACH	Nokia DDC-1 1 Year	Desktop Charging Stand Only for spare battery only.	39.95 0.3 0.14	25. 24. 24.
495079 1 EACH	Nokia DCV-10 1 Year	Desktop Charging Stand-Requires ACP-8U or ACP-7U power supply	19.00 0.18 0.08	8.4 8.1 8.1

Wireless Solutions Travel Charger

93302

- Plugs into any 110 volt outlet
- Use your phone while it is charging
- Rapid Charges batteries in about 2-4 hours
- Attractive retail packaging that promotes self sel tion and consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
93302 1 EACH	Wireless Solutions 93302 Lifetime	Travel Charger	8.65 0.56 0.25	6. 5. 3.

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Cases for Portable Cellular Phones [310-10]

ia OEM Phone Cases

459136 432095 435056 443093 456089 497091

inal accessories... "from the people that made your phone(TM)." OEMs design and manu-
re accessories to match the specific requirements of their phones, satisfying the most
anding customer. You can trust the high quality and performance of original accessories.

o. om	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
V 16 CH	Nokia CSL-24 Length of Ownership	Leather case with adjustable shoulder strap. Retail box.	14.00 0.25 0.11	10.57 10.22 10.18
36 CH	Nokia CSL-20 Length of Ownership	Horizontal Leather Case. Retail packaged. Black	14.95 0.3 0.14	8.05 7.79 7.76
95 CH	Nokia CSL-12 Length of Ownership	Leather Case w. Spring Clip. Retail packaged. Black	19.95 0.15 0.07	7.91 7.65 7.62
56 CH	Nokia CSM-2 Length of Ownership	Silver Microfiber Case. Retail packaged. Silver	9.00 0.3 0.14	6.98 6.75 6.72
93 CH	Nokia CSH-7 Length of Ownership	Purple Microfiber Case. Retail packaged. Purple	9.00 0.3 0.14	6.98 6.75 6.72
89 CH	Nokia CSM-4M Length of Ownership	Orange Mesh Carry Case. Retail packaged. Orange	14.95 0.3 0.14	7.34 7.10 7.07
91 CH	Nokia CSM-3 Length of Ownership	Microfiber Case. Retail packaged. Blue	9.00 0.3 0.14	6.98 6.75 6.72

eless Solutions Cases

7182
quality leather
n stitching
her covered rust resistant spring clip

- Mylar plastic that will not yellow or crack
- Environmentally tested to ensure durability
- Attractive retail packaging that promotes self selectionand consumer education

No. om	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
182 CH	Wireless Solutions 457155U Lifetime	Leather case with built-in swivel and belt clip. Retail packaged. Black	11.60 0.4 0.18	7.50 6.87 6.30

Wireless Solutions Phone Holsters

414110

- Phone Holster can ratchet 180 degrees.
- Phone sits firmly in place inside of holster.
- Holster is manufactured with high-impact plastic.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
414110 1 EACH	Wireless Solutions 470179U 1 Year	Ratcheting Phone Holster Black	7.75 0.3 0.14	5.51 4.66 3.60

Wireless Solutions Standard Cases

469171

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 469171 1 EACH	Wireless Solutions 433148U 1 year	Carry Case with Full Vinyl Window Black	7.55 0.35 0.16	4.76 4.00 3.51

Waterproof Cases, Belt Clips [310-60]

Wireless Solutions Beltclips

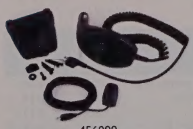
30754 413338

Belt clips designed to conveniently snap onto the phone to securely hold it in place. Holds the phone without the need for a leather carry case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30754 1 EACH	Wireless Solutions 30754 Lifetime	Universal Belt Clip includes three different swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21
NEW 413338 1 EACH	Wireless Solutions 458379U Lifetime	Universal Belt Clip includes two swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21

Hands Free Kits, Mics, Headsets [262-09]

Nokia Handsfree Kit



456099

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
456099 1 EACH	Nokia CARK-125 3 Year	Express Car Kit for the Nokia 3390	98.00 0.95 0.43	70.47 68.02 67.72
NEW 499161 1 EACH	Nokia PPH-1 1 Year	CLA / Speaker Rapid charger	59.00 0.92 0.42	37.39 36.09 35.94

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Complete Nokia Car Kits

NOKIA Handsfree Installation Kit for permanent mounting in a vehicle. Allows you to convert your portable phone into a complete in-car phone. Provides hands-free, external antenna connection, external speaker, fast charger and mounting hardware.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **478199** 1 EACH	Nokia CARK-128 3 Year	Complete handsfree car kit. Professional install recommended. External antenna connection terminates with an FME connector from cradle.	158.00 1.8 0.82	113.61 109.66 109.18

Headsets [262-10]

Jabra In-the-Ear Headset

The JABRA Corporation's headset features an innovative all-in-the-ear speaker and microphone. Built-in noise reduction technology for clear transmissions. Totally portable and digital-ready. Four-foot cable, six EarGels and standard 2.5 mm plug for direct connection to mobile phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
59796 1 EACH	Jabra Corporation ESNOK8860302 1 year	EarSet with built-in microphone and eargel ear piece.	30.95 0.4 0.18	17.62 15.46 15.15

Jabra Earboom Winder

458103

The EarBoom Winder gives you a tangle-free solution to handsfree communication. Talk handsfree when you're on the go, then retract the cord and stow the EarBoom at the touch of a button.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **458103** 1 EACH	Jabra Corporation EMWINDERNOK8 8302 1 Year	EarWinder Headset. Retail packaged.	34.90 0.35 0.16	19.90 17.45 17.11

Nokia Headset Kit

498000 461199 443374

Nokia headset kit. Includes a intergrated earpiece and microphone for handsfree conversations and a cord mounted answer/end button for convenience. Special 2.5mm jack that only works with the Nokia 8860.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
498000 1 EACH	Nokia HDC-5 3 Year	Headset kit. Special 2.5mm jack that only works with these phones. Built-in answer/end key.	21.95 0.17 0.08	8.41 8.14 8.11
461199 1 EACH	Nokia HDE-2 3 Year	Ear bud headset kit. 2.5mm jack.	9.95 0.17 0.08	5.83 5.64 5.62
NEW **443374** 1 EACH	Nokia HDB-5 3 Year	Headset kit. Special 2.5mm jack that only works with these phones. Built-in answer/end key.	24.95 0.17 0.08	9.85 9.53 9.49

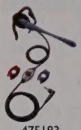
Inductive Loop for Hearing Aids

70381

Nokia inductive loop for hearing impaired users. Easy to use device for sm interaction between T-coil equipped hearing aid and a portable NOKIA ph Consists of a wire loop that goes around the user's neck and connects to t tom of the phone. Loopset transmits speech from the phone to the aid.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	
NEW **70381** 1 EACH	Nokia LPS-3 1 Year	For use between a T-coil equipped hearing aid and the phone.	69.95 0.22 0.1	

Plantronics Over-The-Ear Headsets



475183

All Plantronics over-the-ear wireless phone headsets feature a noise-cancellin microphone, RF noise shielded cable, advanced speaker technology, microphon adjust switch and a clothing clip. Available in a standard 2.5mm plug or hard-w for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	
475183 1 EACH	Plantronics M133-N1 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, blurple color. Includes in-line call answer/end control.	35.10 0.4 0.18	

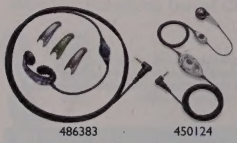
Plantronics In-The-Ear Headsets

490113

All Plantronics in-the-ear boom-style wireless phone headsets feature a noise celling microphone, RF noise shielded cable, advanced speaker technology, mic phone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	
NEW **490113** 1 EACH	Plantronics M143-N1 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line call answer/end control.	42.45 0.4 0.18	

Plantronics Discreet Earbud Headsets



486383 450124

All Plantronics earbud headsets for wireless phones ture Flexfit(TM) design for increased stability, RF no shielded cable, advanced speaker technology, and a ing clip. Available in a standard 2.5mm plug or hardw for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	
NEW **486383** 1 EACH	Plantronics MX103-N1 1 Year	Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	
450124 1 EACH	Plantronics M206-N1 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and call answer/end controls.	32.00 0.6 0.27	

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reless Solutions EarBoom Headset

475040

Wireless Solutions In The Ear headset features a boom mic. Comfortable. Provide good mic sound as well as in the ear speaker.

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
040 ACH	Wireless Solutions 497057U Lifetime	Earboom Headset	31.00 0.4 0.18	13.31 11.32 9.31

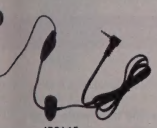
reless Solutions EarBud Headset

488021

The Wireless Soluitons EarBud is the most cost-effective, solution for mobile phone users wanting a hands-free alternative at a value price. The EarBud integrates the microphone as part of the cable leading from the ear to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
021 ACH	Wireless Solutions 426080U Lifetime	Earbud Headset. Includes six eargels.	27.00 0.4 0.18	12.09 10.09 8.09

reless Solutions Bud Headset



458165

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 165 ACH	Wireless Solutions 440193U 1 Year	Bud Headset	7.75 0.35 0.16	5.27 4.22 3.60

Portable Cellular Phone Accessory Kit [262-50]

ireless Solutions Starter Kits

418141

Starter Kits include a glove leather fitted case and a vehicle power adapter. Wireless Solutions Retail Packaging.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
141 ACH	Wireless Solutions 38868U Lifetime	Starter Kit-Includes Vehicle Power Adapter and Open-Faced Leather Case	33.00 0.5 0.23	13.90 11.92 9.90

Mounting Plates, Cradles, Holders [150-40]

Nokia Phone Cradles

430139

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 430139 1 EACH	Nokia MBC-6 Lifetime	Nokia 3390 Mobile Phone Holder. Includes HHS-9 mounting bracket.	14.00 0.6 0.27	8.28 8.00 7.94

UltiMount

28327

The UltiMount by Pro.Fit International secures any phone or car kit in any vehicle. It swivels, rotates and adjusts to virtually any position and installs in seconds with 3M acrylic foam tape. No tools are needed. Great for cars, trucks, RV's or boats. Designed for cell phones, two- way radios, handheld GPS units and PDA's. The complete system includes a swivel belt clip, Nokia button, round and oblong buttons and surface preparation supplies. Will also work with a case with a built-in belt clip. Premium trifold clamshell package with a color insert card and complete instructions for installing and removing.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
28327 1 EACH	Pro.Fit International UL747 Lifetime	UltiMount	24.95 0.5 0.23	15.00 13.98 13.95

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Nokia 3585

Compatible Phone Models:

Nokia 3585

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

Nokia Portable Phone Batteries

410093

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
410093	Nokia	Extended Li-Ion Battery.	59.00	30.70
1 EACH	BLC-2	850mah Lilo 3 hours 45 minutes/ 9.5 Days	0.3	29.65
	1 Year		0.14	29.53

Mobile Mounting/ Bagphone Equipment [262-18]

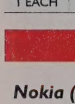
NOKIA Mobile Holder

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Nokia	Nokia mobile mount includes swivel mount HHS-15.	17.50	12.95
449304	MBC-17		0.3	12.60
1 EACH			0.14	12.17

Vehicle Power Adapters [275-10]

Nokia (OEM) Vehicle Power Adapters



12634

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories. These products are used by directly plugging onto the phone without removing the battery. Provides power to the phone and charges the battery at the same time.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
12634	Nokia	Vehicle Power Adapter. Retail Packaged.	19.95	7.63
1 EACH	LCH-9		0.32	7.39
	Lifetime		0.15	7.34

Face Plates [311-10]

NOKIA 3570/3585 Faceplates

444329 446391 457343 461337 484339 492362

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW	Nokia	Fire Dragon, Express-On cover that glows in the dark and includes keymat.	34.95	20
444329	SKR-321		0.12	19
1 EACH	1 year		0.05	19
NEW	Nokia	Express-On cover, JellyFish design, includes keymat. Nokia Packaging.	39.95	25
446391	SKH-662		0.12	24
1 EACH	1 year		0.05	24
NEW	Nokia	Express-On Ice Blue, A&B cover in Nokia Packaging.	19.95	11
457343	SKR-319		0.22	11
1 EACH	1 year		0.1	11
NEW	Nokia	Express-On Lime Green, A&B cover in Nokia Packaging.	19.95	11
461337	SKR-320		0.22	11
1 EACH	1 Year		0.1	11
NEW	Nokia	Express-On cover, Fireflies design, includes keymat. Nokia Packaging.	39.95	25
476385	SKH-661		0.12	24
1 EACH	1 year		0.05	24
NEW	Nokia	Fire Dragon, Express-On cover that glows in the dark and includes keymat.	34.95	20
484339	SKR-322		0.12	19
1 EACH	1 year		0.05	19
NEW	Nokia	Express-On Cherry Red, A&B cover in Nokia Packaging.	19.95	11
492362	SKR-318		0.22	11
1 EACH	1 year		0.1	11

Chargers, Desk Top, Travel [305-60]

Nokia Chargers

12531 471158

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to m the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and perfo mance of original accessories.

• Chargers used with Desk Top Charging Stands or battery charger adapters. Plugs into 120V outlet.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
12531	Nokia	Travel Charger for 32/33/51/61/63/64/71/83/8800 phones.	13.00	5.
1 EACH	ACP-7U		0.3	5.
	Limited Lifetime		0.14	5.
NEW	Nokia	Travel Charger for Nokia 9290, 6360, 6340, 6310, 7210, 7290, 8390.	24.95	14
466345	ACP-12U		0.3	14
1 EACH	Limited Lifetime		0.14	13
NEW	Nokia	Rapid Travel Charger For Nokia 32/33/61/63/64/82/ 8800.	19.95	13
471158	ACP-8U		0.4	12
1 EACH	Limited Lifetime		0.18	12

Nokia Desk Top Charging Stands

458042

Desktop charging stand for Nokia Cellular phones. Provides a convenient way t charge the phone. Used with an external power supply (different power supplie fast charging, trickle charging, or automotive charging). REQUIRES TRAVEL CHARGER (sold separately).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW	Nokia	Desktop Charging Stand.	29.95	16
416365	DCV-15		0.18	16
1 EACH	1 Year		0.08	16
458042	Nokia	Desktop Charging Stand Only for spare battery only.	39.95	25
1 EACH	DDC-1		0.3	24
	1 Year		0.14	24

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Cases for Portable Cellular Phones [310-10]

kia OEM Phone Cases

463316 490325

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

No. Jom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 316 CH	Nokia CSL-31 Length of Ownership	Leather Case holds phone horozontally. Black	16.95 0.2 0.09	9.06 8.76 8.73
W 381 CH	Nokia BCH-12P	Tan leather carry case with swivel clip. Tan	13.00 0.14 0.06	10.12 9.86 9.54
W 325 CH	Nokia CSL-30 Length of Ownership	Leather Case. Black	19.95 0.2 0.09	9.85 9.53 9.49
W 343 CH	Nokia CSL-35 Lifetime Limited Warranty	Luxurious leather carry case with belt clip and clear plastic on keypad only Tan	21.95 0.12 0.05	9.85 9.53 9.49

e Ize Holsters

The Stand-Up Phone Holster provides the ultimate in protection and usability for your phone. Durable Ballistic nylon protects from moisture and scratches, and a secure holstering mechanism ensures your phone will never leave your belt unintentionally

- able in three sizes: small, medium and large. tic sides expand to accomodate various phones iple pockets hold accessories
- lable metal frame stands, hangs or attaches to ter and provides a hands-free workstation
- Security snap attaches securely to belt
- Open-ended design for CLA's, headset or other phone accessories

No. Jom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 394 CH	Nite Ize SUSP-07-01 2 Years	Small holster. Phone must fit into 4 1/4L" x 3 1/8W" x 1 1/4D" pocket.	28.25 0.15 0.07	14.68 14.34 14.11

e Ize Protective Case

375 424372 467363 482355

Boxit mobile phone case provides the ultimate protection for any environment.

ded polyurethane front and polycarbonate back tects phone from moisture, dirt, dust, and shock. ts too!

des two different lids to accomodate nearly ry phone. Antenna extensions and plugs are ded for nearly every style antenna.

- Hear and talk through flexible transparent face while a special waterproof Gore audio membrane enhances audibility and guarantees effective sound transmission
- Operates from -40F to +140F. Approved to IP45 and IP65

No. Jom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 375 CH	Nite Ize NBX-07-01 2 years	BOXIT universal phone case. Onyx color	46.20 0.15 0.07	24.01 23.47 23.09
W 372 CH	Nite Ize NBX-07-04 2 years	BOXIT universal phone case. Crystal color.	46.20 0.15 0.07	24.01 23.47 23.09
W 363 CH	Nite Ize NBX-07-28 2 years	BOXIT universal phone case. Citron color.	46.20 0.15 0.07	24.01 23.47 23.09
W 355 CH	Nite Ize NBX-07-03 2 years	BOXIT universal phone case. Aqua color.	46.20 0.15 0.07	24.01 23.47 23.09

Waterproof Cases, Belt Clips [310-60]

Wireless Solutions Beltclips

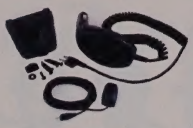
30754

Belt clips designed to conveniently snap onto the phone to securely hold it in place. Holds the phone without the need for a leather carry case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30754 1 EACH	Wireless Solutions 30754 Lifetime	Universal Belt Clip includes three different swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21

Hands Free Kits, Mics, Headsets [262-09]

Nokia Handsfree Kit



Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 444388 1 EACH	Nokia CARK-142	Full install car kit with external antenna connection, cradle, mic, and speaker. Prof. install required.	158.00 2.4 1.09	113.61 109.66 109.18

Headsets [262-10]

NOKIA Hands Free Headsets

420363

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

- Nokia handsfree headset kit. Allows handsfree operation of phone. Includes "bud" type earpiece that plugs into the ear. Answer/End button is located in the microphone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 418335 1 EACH	Nokia HS-10	Nokia retractable headset for 3570/ 3585 phones.	20.25 0.26 0.12	15.33 14.61 14.09
NEW 419322 1 EACH	Nokia HS-5	Nokia headset with answer/ end button.	11.00 0.25 0.11	8.14 7.92 7.65
NEW 420363 1 EACH	Nokia HDB-4 1 Year	NOKIA HDB-4, Boom Headset.	13.00 0.25 0.11	10.12 9.86 9.54
NEW 471351 1 EACH	Nokia BHF-1 1 Year	NOKIA BHF-1 headrest handsfreekit.	68.00 0.3 0.14	48.90 47.20 46.99

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Data Interfaces for Portable Phones [260-12]

Nokia Data Cables

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **493327** 1 EACH	Nokia DKU-5	Nokia 3570/ 3585 only. USB data cable for e-mail, faxes, and short message service.	49.00 0.25 0.11	31.58 30.74 29.69

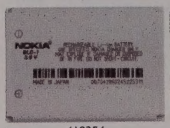
Compatible Phone Models:

Nokia 3590

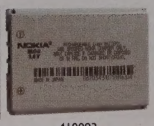
If you do not see your phon model listed, please cal 800-955-9997.

Batteries for Portable Phones [270-10]

Nokia Portable Phone Batteries



418354



410093

Original accessories... "from the people made your phone(TM)." OEMs design manufacture accessories to match the cific requirements of their phones, satis the most demanding customer. You can trust the high quality and performance original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW **418354** 1 EACH	Nokia BLC-1	Lilo battery Black 825 mAh	49.95 0.3 0.14	26 25 25
410093 1 EACH	Nokia BLC-2 1 Year	Extended Li-Ion Battery. 850mah Lilo 3 hours 45 minutes/ 9.5 Days	59.00 0.3 0.14	30 29 29

Vehicle Power Adapters [275-10]

Nokia (OEM) Vehicle Power Adapters

12634

Original accessories... "from the people that made your phone(TM)." OEMs des and manufacture accessories to match the specific requirements of their phone isfying the most demanding customer. You can trust the high quality and perform of original accessories. These products are used by directly plugging onto the ph without removing the battery. Provides power to the phone and charges the ba at the same time.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
12634 1 EACH	Nokia LCH-9 Lifetime	Vehicle Power Adapter. Retail Packaged.	19.95 0.32 0.15	7 7 7

Wireless Solutions Vehicle Power Adapter

16647

Wireless Solutions Vehicle adapters are a great value, and high quality. Quality tested cable returns to original shape after multiple stretches. Attractive retail packaging.

- Variable rate charging for safety & convenience (no overcharging)
- Enough current to make a call with a discharged battery
- Attractive retail packaging that promotes self s tion and consumer education
- Available with revolutionary merchandising sys that drives multiple and repeat purchase to im overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
16647 1 EACH	Wireless Solutions 16647 1 Year	Vehicle Power Adapter. Retail Packaged.	23.00 0.35 0.16	

NEW = New Listing. Pricing for referenc See TESSCO.com for latest pricing and po Copyright 2003 all rights reserved.

Face Plates [311-10]

kia 3590 Faceplates

4 428318 438372 446321 479328 449307

9 489369

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 354 CH	Nokia SKR-212	Blue A&B cover for the 3590.	18.00 0.2 0.09	12.95 12.50 12.44
W 318 CH	Nokia SKR-201 30 Days	Faceplate - Lime, A&B covers.	24.95 0.1 0.05	16.18 15.62 15.55
W 372 CH	Nokia SKR-210	Red A&B cover for the 3590.	18.00 0.2 0.09	12.95 12.50 12.44
W 321 CH	Nokia SKR-209 30 Days	Faceplate - Lizz-Art, A&B cover.	34.95 0.1 0.05	21.57 20.82 20.73
W 328 CH	Nokia SKR-218	WWF Tiger A&B cover for the 3590.	30.00 0.2 0.09	21.57 20.82 20.73
W 307 CH	Nokia SKR-202 30 Days	Faceplate - Lime, A&B covers.	24.95 0.1 0.05	13.67 13.19 13.13
W 309 CH	Nokia SKH-644	Faceplate - Active Dragon Wish	39.95 0.1 0.05	25.89 24.99 24.88
W 369 CH	Nokia SKH-646 30 Days	Faceplate - Active Pixelated	39.95 0.1 0.05	24.81 23.95 23.84

FPF Fun Friends

Fun Friends are leading the way with adorable characters that give new attitude to these otherwise dull products. Fun Friends are a perfect match for all who enjoy plush characters ranging from Funky the Monkey to Tadpole our Lime Green Frog.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 417318 1 EACH	funphonefriend.com A-05 30 days	Fun Friends phone cover. Tapole Frog	15.00 0.32 0.15	6.50 5.75 5.21
NEW 425345 1 EACH	funphonefriend.com A-01 30days	FunFriends phone cover. Bully-Bulldog	15.00 0.32 0.15	6.50 5.75 5.21
NEW 440370 1 EACH	funphonefriend.com A-22 30 days	Fun Friends Funky- Monkey	15.00 0.32 0.15	6.50 5.75 5.21
NEW 454305 1 EACH	funphonefriend.com A-19 30 days	FunFriends phone cover. ALI- Aligator	15.00 0.32 0.15	6.50 5.75 5.21
NEW 474325 1 EACH	funphonefriend.com A-27 30 days	Fun Friends phone cover. Santa	15.00 0.32 0.15	6.50 5.75 5.21
NEW 481374 1 EACH	funphonefriend.com A-15 30 days	Fun Friends phone covers. Dangles- Dog Hanging Legs	15.00 0.32 0.15	6.50 5.75 5.21
NEW 482389 1 EACH	funphonefriend.com A-24 30 days	Fun Friends phone covers. Munchie- Manatee	15.00 0.32 0.15	6.50 5.75 5.21
NEW 486359 1 EACH	funphonefriend.com A-10 30 days	Fun Friends phone covers. Kit Kat- Cat	15.00 0.32 0.15	6.50 5.75 5.21
NEW 488341 1 EACH	funphonefriend.com A-7 30 days	Fun Friends phone cover. Larry -Lobster	15.00 0.32 0.15	6.50 5.75 5.21
NEW 490397 1 EACH	funphonefriend.com A-21 30 days	Fun Friends phone covers. Cheeser- Mouse	15.00 0.32 0.15	6.50 5.75 5.21
NEW 491340 1 EACH	funphonefriend.com A-09 30 days	Fun Friends phone covers. Oinky- Pig	15.00 0.32 0.15	6.50 5.75 5.21
NEW 499325 1 EACH	funphonefriend.com A-20 30 days	Fun Friends phone covers. Moo Moo- Cow	15.00 0.32 0.15	6.50 5.75 5.21

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Chargers, Desk Top, Travel [305-60]

Nokia Chargers

12531

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

- Chargers used with Desk Top Charging Stands or battery charger adapters. Plugs into 120V outlet.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
12531 1 EACH	Nokia ACP-7U Limited Lifetime	Travel Charger for 32/33/51/61/63/64/71/83/8800 phones.	13.00 0.3 0.14	5.54 5.36 5.34
NEW 466345 1 EACH	Nokia ACP-12U Limited Lifetime	Travel Charger for Nokia 9290, 6360, 6340, 6310, 7210, 7290, 8390.	24.95 0.3 0.14	14.53 14.04 13.98
NEW 480381 1 EACH	Nokia ACP-7E Limited Lifetime	European Travel Charger For 8550 and 3210.	13.00 0.3 0.14	5.04 4.86 4.84
NEW 486358 1 EACH	Nokia ACP-8E Limited Lifetime	European Rapid Travel Charger For 8850 and 3210.	19.95 0.4 0.18	12.59 12.15 12.10

Nokia Desk Top Charging Stands

458042 495079

Desktop charging stand for Nokia Cellular phones. Provides a convenient way to charge the phone. Used with an external power supply (different power supplies for fast charging, trickle charging, or automotive charging). REQUIRES TRAVEL CHARGER (sold separately).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
458042 1 EACH	Nokia DDC-1 1 Year	Desktop Charging Stand Only for spare battery only.	39.95 0.3 0.14	25.53 24.64 24.54
495079 1 EACH	Nokia DCV-10 1 Year	Desktop Charging Stand-Requires ACP-8U or ACP-7U power supply	19.00 0.18 0.08	8.49 8.19 8.16

Wireless Solutions Travel Charger

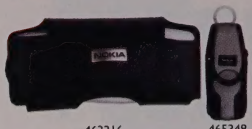
93302

- Plugs into any 110 volt outlet
- Use your phone while it is charging
- Rapid Charges batteries in about 2-4 hours
- Attractive retail packaging that promotes self selection and consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
93302 1 EACH	Wireless Solutions 93302 Lifetime	Travel Charger	8.65 0.56 0.25	6.34 5.14 3.95

Cases for Portable Cellular Phones [310-10]

Nokia OEM Phone Cases



463316 465348

Original accessories... "from the people that made y phone(TM)." OEMs design and manufacture access ries to match the specific requirements of their phones, satisfying the most demanding customer. Yo can trust the high quality and performance of origi accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW 463316 1 EACH	Nokia CSL-31 Length of Ownership	Leather Case holds phone horozontally. Black	16.95 0.2 0.09	9.9 8.7 8.7
NEW 465348 1 EACH	Nokia CSL-29 Length of Ownership	Neoprene case Black	22.95 0.35 0.16	10. 9.8 9.8
NEW 418343 1 EACH	Nokia CSL-35 Lifetime Limited Warranty	Luxurious leather carry case with belt clip and clear plastic on keypad only Tan	21.95 0.12 0.05	9.8 9.3 9.4

Nite Ize Holsters

The Stand-Up Phone Holster provides the ultimate in pr tion and usability for your phone. Durable Ballistic nylon tects from moisture and scratches, and a secure holsteri mechanism ensures your phone will never leave your be unintentionally

- Available in three sizes: small, medium and large. Elastic sides expand to accomodate various phones
- Multiple pockets hold accessories
- Bendable metal frame stands, hangs or attaches to holster and provides a hands-free workstation
- Security snap attaches securely to belt
- Open-ended design for CLA's, headset or other phone accessories

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 475394 1 EACH	Nite Ize SUSP-07-01 2 Years	Small holster. Phone must fit into 4 1/4L" x 3 1/8W" x 1 1/4D" pocket.	28.25 0.15 0.07	14 14 14

Nite Ize Protective Case

422375 424372 467363 482355

Boxit mobile phone case provides the ultima protection for any environment.

- Molded polyurethane front and polycarbonate back protects phone from moisture, dirt, dust, and shock. Floats too!
- Includes two different lids to accomodate nearly every phone. Antenna extensions and plugs are included for nearly every style antenna.
- Hear and talk through flexible transparent face while a special waterproof Gore audio membr enhances audibility and guarantees effective so transmission
- Operates from -40F to +140F. Approved to IP4 and IP65

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-
NEW 422375 1 EACH	Nite Ize NBX-07-01 2 years	BOXIT universal phone case. Onyx color	46.20 0.15 0.07	2
NEW 424372 1 EACH	Nite Ize NBX-07-04 2 years	BOXIT universal phone case. Crystal color.	46.20 0.15 0.07	2
NEW 467363 1 EACH	Nite Ize NBX-07-28 2 years	BOXIT universal phone case. Citron color.	46.20 0.15 0.07	2
NEW 482355 1 EACH	Nite Ize NBX-07-03 2 years	BOXIT universal phone case. Aqua color.	46.20 0.15 0.07	2

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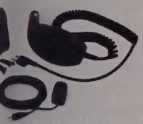
Hands Free Kits, Mics, Headsets [262-09]

kia Handsfree Kit



456099

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

o. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
99 CH	Nokia CARK-125 3 Year	Express Car Kit for the Nokia 3390	98.00 0.95 0.43	70.47 68.02 67.72

mplete Nokia Car Kits

445310

NOKIA Handsfree Installation Kit for permanent mounting in a vehicle. Allows you to convert your portable phone into a complete in-car phone. Provides hands-free, external antenna connection, external speaker, fast charger and mounting hardware.

o. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
V 10 CH	Nokia CARK-134 1 Year	NOKIA CARK-134 Handsfree kit. Kit provides holder, speaker, mic, and external antenna connection. Professional install required.	158.00 2.4 1.09	113.61 109.66 109.18

Headsets [262-10]

a In-the-Ear Headset

The JABRA Corporation's headset features an innovative all-in-the-ear speaker and microphone. Built-in noise reduction technology for clear transmissions. Totally portable and digital-ready. Four-foot cable, six EarGels and standard 2.5 mm plug for direct connection to mobile phone.

o. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
96 CH	Jabra Corporation ESNOK8860302 1 year	EarSet with built-in microphone and eargel ear piece.	30.95 0.4 0.18	17.62 15.46 15.15

a Earboom Winder

458103

The EarBoom Winder gives you a tangle-free solution to handsfree communication. Talk handsfree when you're on the go, then retract the cord and stow the EarBoom at the touch of a button.

o. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
V 03 CH	Jabra Corporation EMWINDERNOK8 8302 1 Year	EarWinder Headset. Retail packaged.	34.90 0.35 0.16	19.90 17.45 17.11

Nokia Headset Kit

498000 461199 443374

Nokia headset kit. Includes a intergrated earpiece and microphone for handsfree conversations and a cord mounted answer/end button for convenience. Special 2.5mm jack that only works with the Nokia 8860.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
498000 1 EACH	Nokia HDC-5 3 Year	Headset kit. Special 2.5mm jack that only works with these phones. Built-in answer/end key.	21.95 0.17 0.08	8.41 8.14 8.11
461199 1 EACH	Nokia HDE-2 3 Year	Ear bud headset kit. 2.5mm jack.	9.95 0.17 0.08	5.83 5.64 5.62
NEW 443374 1 EACH	Nokia HDB-5 3 Year	Headset kit. Special 2.5mm jack that only works with these phones. Built-in answer/end key.	24.95 0.17 0.08	9.85 9.53 9.49

Inductive Loop for Hearing Aids

449369 70381

Nokia inductive loop for hearing impaired users. Easy to use device for smooth interaction between T-coil equipped hearing aid and a portable NOKIA phone. Consists of a wire loop that goes around the user's neck and connects to the bottom of the phone. Loopset transmits speech from the phone to the aid.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 449369 1 EACH	Nokia HDA-9 1 Year	TTY/TDD Headset Adapter.. Comply with TSB121 industry standard. "Cellular Ready" TTY devices need the HDA-8 cable connection to work successfully with Nokia products. TTY capable Nokia phones are capable of VCO (voice carry over) transmission. However this must be done on a VCO capable TTY. Mor information location in TFAX.	14.95 0.22 0.1	8.27 7.99 7.95
NEW 70381 1 EACH	Nokia LPS-3 1 Year	For use between a T-coil equipped hearing aid and the phone.	69.95 0.22 0.1	48.90 47.20 46.99

Wireless Solutions EarBoom Headset

475040

Wireless Solutions In The Ear headset features a boom mic. Comfortable. Provide good mic sound as well as in the ear speaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
475040 1 EACH	Wireless Solutions 497057U Lifetime	Earboom Headset	31.00 0.4 0.18	13.31 11.32 9.31

Wireless Solutions EarBud Headset

488021

The Wireless Soluitons EarBud is the most cost-effective, solution for mobile phone users wanting a hands-free alternative at a value price. The EarBud integrates the microphone as part of the cable leading from the ear to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
488021 1 EACH	Wireless Solutions 426080U Lifetime	Earbud Headset. Includes six eargels.	27.00 0.4 0.18	12.09 10.09 8.09

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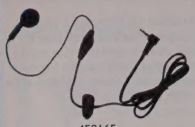
Nokia 5100 Series

Wireless Solutions Bud Headset



458165

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **458165** 1 EACH	Wireless Solutions 440193U 1 Year	Bud Headset	7.75 0.35 0.16	5.27 4.22 3.60

Mounting Plates, Cradles, Holders [150-40]

Nokia Phone Cradles

430139

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **430139** 1 EACH	Nokia MBC-6 Lifetime	Nokia 3390 Mobile Phone Holder. Includes HHS-9 mounting bracket.	14.00 0.6 0.27	8.28 8.00 7.94

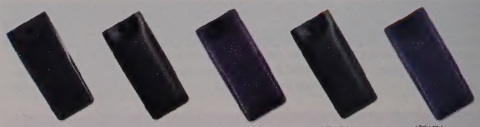
Compatible Phone Models

Nokia 5110 *GSM 900*
Nokia 5120
Nokia 5120 TDMA 800 AN
LOG
Nokia 5130 *GSM 1800*
Nokia 5160
Nokia 5160 TDMA 800/190
ANALOG
Nokia 5170 CDMA 1900
Nokia 5180 CDMA
Nokia 5185
Nokia 5190 GSM 1900
Nokia 5192

If you do not see your phon
model listed, please ca
800-955-9997.

Batteries for Portable Phones [270-10]

Nokia Portable Phone Batteries



470073 432080 419030 17658 17671

Original accessories... "from the people that made your phone(TM)." OEMs design and ma
facture accessories to match the specific requirements of their phones, satisfying the mos
demanding customer. You can trust the high quality and performance of original accessori

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T
NEW **427169** 1 EACH	Nokia BPS-2 1 Year	Replacement Battery Black 1100 mAh Lithium Polymer Provides up to 6 hours talk-time/ 12 days standby time.	54.95 0.2 0.09	3 2 2
470073 1 EACH	Nokia BPS-1 1 Year	Replacement Battery Black 600 mAh Lilo Polymer Provides up to 3 hours talk-time/ 6 days standby time.	40.00 0.2 0.09	2 2 2
432080 1 EACH	Nokia BMS-2S 1 Year	Replacement Battery Black 900 mAh NiMH Provides 1-5 hours of talk time, 30-216 hours standby. Black.	24.95 0.25 0.11	1 1 1
419030 1 EACH	Nokia BLS-4 1 Year	Replacement Battery Black 1500 mAh Lilo Provides 5-8 hours of talk time, 100-450 hours standby. Black.	40.00 0.35 0.16	2 2 2
17658 1 EACH	Nokia BMS-2V 1 Year	Replacement Battery VIBRATING 900 mAh NiMH Provides 1-5 hours of talk time, 16-225 hours standby. Black.	24.00 0.25 0.11	1 1 1
NEW **17671** 1 EACH	Nokia BLS-2N 1 Year	Replacement Battery Black 1050 mAh Lilo ANALOG 45-85 minutes/ 10-15 hours	28.00 0.25 0.11	2 1 1

Wireless Solutions Batteries

18546 82209

- High Quality, Great Value
- Available with merchandising system that drive multiple and repeat purchases to improve ove profitability
- Attractive retail packaging that promotes self selection and consumer education

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)
18546 1 EACH	Wireless Solutions 439192U Lifetime	Vibrating Battery. Black 900 mAh Lilo Provides 1-5 hours of talk time, 16-225 hours standby.	30.55 0.25 0.11

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ng product table (2 of 2)

o. m	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
9 H	Wireless Solutions 487183U Lifetime	Replacement Battery Black 900 mAh LiIo Provides 1-5 hours of talk time, 16-225 hours standby.	30.55 0.25 0.11	21.52 17.51 15.76

Vehicle Power Adapters [275-10]

ia (OEM) Vehicle Power Adapters

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories. These products are used by directly plugging onto the phone without removing the battery. Provides power to the phone and charges the battery at the same time.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
4 H	Nokia LCH-9 Lifetime	Vehicle Power Adapter. Retail Packaged.	19.95 0.32 0.15	7.63 7.39 7.34

less Solutions Vehicle Power Adapter

Wireless Solutions Vehicle adapters are a great value, and high quality. Quality tested cable returns to original shape after multiple stretches. Attractive retail packaging.

16647

le rate charging for safety & convenience (no harging)
h current to make a call with a discharged bat-

- Attractive retail packaging that promotes self selection and consumer education
- Available with revolutionary merchandising system that drives multiple and repeat purchase to improve overall profitability

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
7 H	Wireless Solutions 16647 1 Year	Vehicle Power Adapter. Retail Packaged.	23.00 0.35 0.16	7.24 5.91 4.60

erior Cellular Vehicle Power Adapters

Superior Communications eliminator/chargers plug directly into the phone without removing the battery. Featuring the latest in technology, they will power the phone and charge the battery.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1 H	Superior Comm. 22821 3 Years	Vehicle Power Adapter. Retail Packaged.	14.15 0.3 0.14	6.76 6.52 6.37

Battery Conditioning Units [305-10]

P Maximizer Dual Port Charger

15068

Superior Cellular Products Maximizer lightweight charger is a dual port charger that allows you to charge your phone and a spare battery. Both ports feature charging status indicator lights. The Maximizer's smart microprocessor distinguishes between NiMH and Li-Ion batteries, charging each to the optimal level. Each charger includes UL/CSA AC adapter and can charge a standard battery in 90 minutes or less. Rear slot conditions batteries.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
8 H	Superior Comm. 22886 3 Year	Dual Port Charger	34.65 1.36 0.62	16.56 15.95 15.58

SCP IMaximizer Dual Port Charger

22789 22770

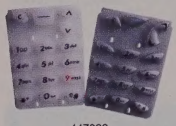
Superior Cellular Products IMaximizer lightweight charger is a dual port charger that allows you to charge your phone and a spare battery. Both ports feature charging status indicator lights. The IMaximizer's smart microprocessor distinguishes between NiMH and Li-Ion batteries, charging each to the optimal level. Each charger includes UL/CSA AC adapter and can charge a standard battery in 90 minutes or less. Rear slot conditions batteries. Available in electric colors.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
22789 1 EACH	Superior Comm. 00230 3 YEARS	Conditioning Charger - Electric Aqua	34.65 1.24 0.56	16.56 15.95 15.58
22770 1 EACH	Superior Comm. 00228 3 YEARS	Conditioning Charger - Electric Yellow	34.65 1.3 0.59	16.56 15.95 15.58

Face Plates [311-10]

Nokia 5100 Series Faceplates

98336 33475 421004 481020 61540 430012 21550 61201 45249 46689 443059



447099

Color face plates to personalize your portable phone. No professional installation, no special tools required. The faceplate clicks over the keypad.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 463336 1 EACH	Nokia SKH-598 30 Days	Faceplate - Coral Red	14.95 0.3 0.14	7.91 7.64 7.61
98336 1 EACH	Nokia SKH-268 30 Days	Faceplate - Bermuda Blue	14.95 0.1 0.05	7.19 6.94 6.91
33475 1 EACH	Nokia SKH-297 30 Days	Faceplate - Cedar Green	14.95 0.12 0.05	7.19 6.94 6.91
NEW 421004 1 EACH	Nokia SKH-421 1 Year Limited	Faceplate - Flash Blue	9.95 0.3 0.14	4.32 4.17 4.15
481020 1 EACH	Nokia SKH-420 1 Year Limited	Faceplate - Fusion Red	9.95 0.3 0.14	4.32 4.17 4.15
61540 1 EACH	Nokia SKH-405 1 Year Limited	Faceplates - Glo	14.95 0.13 0.06	5.04 4.86 4.84
430012 1 EACH	Nokia SKH-422 1 Year Limited	Faceplate - Hyper Green	9.95 0.3 0.14	4.32 4.17 4.15
21550 1 EACH	Nokia SKH-266 30 Days	Faceplate - Antigua Red	14.95 0.1 0.05	7.19 6.94 6.91
NEW 61201 1 EACH	Nokia SKH-287 1 Year Limited	Faceplate - Rose Love	14.95 0.1 0.05	5.04 4.86 4.84
45249 1 EACH	Nokia SKH-275 1 Year Limited	Faceplate - Silver Bells	21.50 0.1 0.05	15.46 14.93 14.86
46689 1 EACH	Nokia SKH-295 30 Days	Faceplate - Shark Silver	14.95 0.1 0.05	7.19 6.94 6.91
NEW 443059 1 EACH	Nokia SKH-385 30 Days	Faceplate - Winter Ice	14.95 0.25 0.11	3.60 3.47 3.46
447099 1 EACH	Nokia KTA-2 1 Year Limited	White & Silver Keymats that allows the Nokia 5100 Collegiate Faceplates and the Nokia 5100 Original Faceplates to work with the Nokia 5125 and 5165 wireless phones.	5.00 0.12 0.05	3.60 3.47 3.46

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Nokia 5100 Series

Nokia 5100 Series NHL Faceplates

464061 486056

Nokia Faceplates personalize your Nokia 5100 series wireless phone. Choose your favorite National Hockey League team. No tools required for installation.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
464061 1 EACH	Nokia SKH-569 30 Days	Faceplate - Calgary Flames	19.95 0.3 0.14	8.63 8.33 8.30
486056 1 EACH	Nokia SKH-557 30 Days	Faceplate - San Jose Sharks	19.95 0.3 0.14	8.63 8.33 8.30

AleEv Faceplates Nokia 5100 Series

434018 453066 71652 82368 30761 69154 17547 12729 42904 434055 456012

478012 51122

MTU Faceplates for the Nokia 5100 Series wireless phones. MTU is licensed to manufacture these faceplates to Nokia's highest quality standards.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
434018 1 EACH	AleEv (formerly MTU) 80632 Lifetime	Faceplate - Pastel Blue	19.95 0.2 0.09	8.01 7.44 6.95
453066 1 EACH	AleEv (formerly MTU) 80617 Lifetime	Faceplate - Royal Red	19.95 0.2 0.09	8.01 7.44 6.95
71652 1 EACH	AleEv (formerly MTU) 80060 Lifetime	Faceplate - Titanium Silver	19.95 0.2 0.09	8.01 7.44 6.95
82368 1 EACH	AleEv (formerly MTU) 80062 Lifetime	Faceplate - Honey Green	19.95 0.2 0.09	8.01 7.44 6.95
30761 1 EACH	AleEv (formerly MTU) 80063 Lifetime	Faceplate - Honey Purple	19.95 0.2 0.09	8.01 7.44 6.95
69154 1 EACH	AleEv (formerly MTU) 80065 Lifetime	Faceplate - Honey Blue	19.95 0.2 0.09	8.01 7.44 6.95
17547 1 EACH	AleEv (formerly MTU) 80066 Lifetime	Faceplate - Honey Red	19.95 0.2 0.09	8.01 7.44 6.95
12729 1 EACH	AleEv (formerly MTU) 80093 Lifetime	Faceplate - Baseball	28.55 0.2 0.09	11.46 10.66 9.96
42904 1 EACH	AleEv (formerly MTU) 80607 Lifetime	Faceplate - Sunflower	28.55 0.2 0.09	11.46 10.66 9.96
434055 1 EACH	AleEv (formerly MTU) 80629 Lifetime	Faceplate - Zebra Print	28.55 0.2 0.09	11.46 10.66 9.96
456012 1 EACH	AleEv (formerly MTU) 80625 Lifetime	Faceplate - Leopard	28.55 0.2 0.09	11.46 10.66 9.96

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
478012 1 EACH	AleEv (formerly MTU) 80609 Lifetime	Faceplate - Mexican Flag	28.55 0.2 0.09	11 10 9
51122 1 EACH	AleEv (formerly MTU) 80092 Lifetime	Faceplate - Tri-Tone	19.95 0.2 0.09	8 7 6

AleEv Keypads-Nokia 5100 Series

417085 428087 478023 438094 435072 498050

413061 435039

Replacement keypads for Nokia 5100 Series phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
434096 1 EACH	AleEv (formerly MTU) 80038 Ltd. Lifetime	Keypad - Black - Bulk Packaged	7.05 0.2 0.09	2 2 2
417085 1 EACH	AleEv (formerly MTU) 80260 Ltd. Lifetime	Keypad - Chrome - Bulk Packaged	8.45 0.2 0.09	3 3 2
428087 1 EACH	AleEv (formerly MTU) 80264 Ltd. Lifetime	Keypad - Transparent Dark Blue - Bulk Packaged	8.45 0.2 0.09	3 3 2
478023 1 EACH	AleEv (formerly MTU) 80261 Ltd. Lifetime	Keypad - Gloss White - Bulk Packaged	8.45 0.2 0.09	3 3 2
438094 1 EACH	AleEv (formerly MTU) 80262 Ltd. Lifetime	Keypad - Gold. Bulk Packaged	8.45 0.2 0.09	3 3 2
435072 1 EACH	AleEv (formerly MTU) 80263 Ltd. Lifetime	Keypad - Light Blue - Bulk Packaged	8.45 0.2 0.09	3 3 2
498050 1 EACH	AleEv (formerly MTU) 80267 Ltd. Lifetime	Keypad - Pastel - Bulk Packaged	8.45 0.2 0.09	3 3 2
413061 1 EACH	AleEv (formerly MTU) 80269 Ltd. Lifetime	Keypad - Purple - Bulk packaged	8.45 0.2 0.09	3 3 2
435039 1 EACH	AleEv (formerly MTU) 80266 Ltd. Lifetime	Keypad - Yellow - Bulk packaged	8.45 0.02 0.01	3 3 2

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Image Faceplates - Nokia 5100 Series

485142 423114 477171 427185 420188 455326 452189 459186 469110

D PLATES

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
77 CH	Pro Image Sports Mrkting SP17N51 1 Year	Faceplate - #17 Matt Kenseth. Keymat required for use with 5125/5165 (TESSCO SKU 447099).	30.00 0.2 0.09	19.28 18.23 17.21
42 CH	Pro Image Sports Mrkting SP18N51 1 Year	Faceplate - #18 Bobby Labonte. Keymat required for use with 5125/5165 (TESSCO SKU 447099).	30.00 0.2 0.09	19.28 18.23 17.21
14 CH	Pro Image Sports Mrkting SP20N51 1 Year	Faceplate - #20 Tony Stewart. Keymat required for use with 5125/5165 (TESSCO SKU 447099).	30.00 0.2 0.09	19.28 18.23 17.21
71 CH	Pro Image Sports Mrkting SP28N51 1 Year	Faceplate - #28 Ricky Rudd. Keymat required for use with 5125/5165 (TESSCO SKU 447099).	30.00 0.2 0.09	19.28 18.23 17.21
85 CH	Pro Image Sports Mrkting SP29N51 1 Year	Faceplate - #29 Kevin Harvick. Keymat required for use with 5125/5165 (TESSCO SKU 447099).	30.00 0.2 0.09	19.28 18.23 17.21
V 88 CH	Pro Image Sports Mrkting SP03N51 1 Year	Faceplate - #3 Dale Earnhardt. Keymat required for use with 5125/5165 (TESSCO SKU 447099).	30.00 0.2 0.09	19.28 18.23 17.21
V 26 CH	Pro Image Sports Mrkting SP40N51 1 Year	Faceplate - Sterling Marlin. Keymat required for use with 5125/5165 (TESSCO SKU 447099).	30.00 0.2 0.09	19.28 18.23 17.21
89 CH	Pro Image Sports Mrkting SP06N51 1 Year	Faceplate - #6 Mark Martin. Keymat required for use with 5125/5165 (TESSCO SKU 447099).	30.00 0.2 0.09	19.28 18.23 17.21
86 CH	Pro Image Sports Mrkting SP88N51 1 Year	Faceplate - #88 Dale Jarrett. Keymat required for use with 5125/5165 (TESSCO SKU 447099).	30.00 0.2 0.09	19.28 18.23 17.21
10 CH	Pro Image Sports Mrkting SP99N51 1 Year	Faceplate - #99 Jeff Burton. Keymat required for use with 5125/5165 (TESSCO SKU 447099).	30.00 0.2 0.09	19.28 18.23 17.21

Prime Finish Faceplates - Nokia 5100

416138 472119 457104 440115 442107 466104 415101 456107 469109 458104 466141

499113 484106 498100 468124 446156 462104 441111 463140 468181 465135 448139

459184 491156 455175 465121 418146 429169 414109

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
416138 1 EACH	Prime Finish 10044 1 Year	Faceplate - American Flag. Keymat required for use with 5125/5165.	17.15 0.2 0.09	11.61 10.60 9.88
472119 1 EACH	Prime Finish 10027 1 Year	Faceplate - American Flag.	17.15 0.2 0.09	11.61 10.60 9.88
NEW **457104** 1 EACH	Prime Finish 10010 30 Days	Faceplate -AUTUMN ORANGE 5165	13.10 0.1 0.05	8.86 8.09 7.54
NEW **440115** 1 EACH	Prime Finish 10001 30 Days	Faceplate -AZTEC 5165	17.15 0.1 0.05	11.61 10.60 9.88
NEW **442107** 1 EACH	Prime Finish 10005 30 Days	Faceplate -BLAH 5165	17.15 0.1 0.05	11.61 10.60 9.88
NEW **466104** 1 EACH	Prime Finish 10008 30 Days	Faceplate -BURL WOOD 5165	15.65 0.1 0.05	10.58 9.66 9.00
NEW **415101** 1 EACH	Prime Finish 10011 30 Days	Faceplate -CRYSTAL BLUE 5165	13.10 0.1 0.05	8.86 8.09 7.54
NEW **456107** 1 EACH	Prime Finish 10012 30 Days	Faceplate -FANCY FUSHIA 5165	13.10 0.1 0.05	8.86 8.09 7.54
NEW **469109** 1 EACH	Prime Finish 10013 30 Days	Faceplate -FOOL'S GOLD 5165	13.10 0.1 0.05	8.86 8.09 7.54
NEW **458104** 1 EACH	Prime Finish 10014 30 Days	Faceplate -GRAPHITE 5165	13.10 0.1 0.05	8.86 8.09 7.54
NEW **466141** 1 EACH	Prime Finish 10006 30 Days	Faceplate - Leather look 5165	15.65 0.1 0.05	10.58 9.66 9.00
NEW **499113** 1 EACH	Prime Finish 10004 30 Days	Faceplate -HONEYCOMB 5165	17.15 0.1 0.05	11.61 10.60 9.88
NEW **484106** 1 EACH	Prime Finish 10015 30 Days	Faceplate -KISSED ORANGE 5165	13.10 0.1 0.05	8.86 8.09 7.54
NEW **498100** 1 EACH	Prime Finish 10016 30 Days	Faceplate -LEMON YELLOW 5165	13.10 0.1 0.05	8.86 8.09 7.54
NEW **468124** 1 EACH	Prime Finish 10017 30 Days	Faceplate -METAL WALNUT 5165	13.10 0.1 0.05	8.86 8.09 7.54
NEW **446156** 1 EACH	Prime Finish 10007 30 Days	Faceplate -METAL DELTA PEARL 5165	15.65 0.1 0.05	10.58 9.66 9.00
NEW **462104** 1 EACH	Prime Finish 10018 30 Days	Faceplate -METALIC BLUE 5165	13.10 0.1 0.05	8.86 8.09 7.54
NEW **441111** 1 EACH	Prime Finish 10019 30 Days	Faceplate -METALIC MARINE 5165	13.10 0.1 0.05	8.86 8.09 7.54
NEW **463140** 1 EACH	Prime Finish 10020 30 Days	Faceplate -MINT GREEN 5165	13.10 0.1 0.05	8.86 8.09 7.54

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Nokia 5100 Series

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 468181 1 EACH	Prime Finish 10026 30 Days	Faceplate -ORANGE SHERBET 5165	17.15 0.1 0.05	11.61 10.60 9.88
NEW 465135 1 EACH	Prime Finish 10021 30 Days	Faceplate -PALE PURPLE 5165	13.10 0.1 0.05	8.86 8.09 7.54
NEW 448139 1 EACH	Prime Finish 10022 30 Days	Faceplate -PLUM CRAZY 5165	13.10 0.1 0.05	8.86 8.09 7.54
NEW 459184 1 EACH	Prime Finish 10023 30 Days	Faceplate -PRETTY IN PINK 5165	13.10 0.1 0.05	8.86 8.09 7.54
NEW 491156 1 EACH	Prime Finish 10003 30 Days	Faceplate -RAZ-MA-TAZ 5165	17.15 0.1 0.05	11.61 10.60 9.88
NEW 455175 1 EACH	Prime Finish 10024 30 Days	Faceplate -SLEEK SILVER 5165	13.10 0.1 0.05	8.86 8.09 7.54
NEW 465121 1 EACH	Prime Finish 10030 30 Days	Faceplate -SNAKE 5165	15.65 0.1 0.05	10.58 9.66 9.00
NEW 418146 1 EACH	Prime Finish 10002 30 Days	Faceplate -SPEED RACER 5165	17.15 0.1 0.05	11.61 10.60 9.88
NEW 429169 1 EACH	Prime Finish 10025 30 Days	Faceplate -SUN YELLOW 5165	13.10 0.1 0.05	8.86 8.09 7.54
NEW 414109 1 EACH	Prime Finish 10000 30 Days	Faceplate -YADA 5165	17.15 0.1 0.05	11.61 10.60 9.88

Prime Finish 5100 Collegiate Faceplates

412154 417184 423191 499102 489122 436111 465196 411124 494178 416131 4911

478125 494151 435192 430189 431134 469147 485170 464102 439176 475191 4791

412111 461113 446194 484109 498195 456161 493190 478130 463196 499139 4171

441112 430150 492183 440109 492186 431176 426186 431157 433144 441104 4511

496178 472190 437100 426135 477106 480187 418144 467130 453114 481178 4911

491165 418128 494169 453150 437196 445175 484141 462108 441102 422136 4591

461122 430137 414163 438187 445199 481195 490162 435160 440145 450196 4911

457174 493170 498126 478180 429140 492103 476179 424127 484156 495128 421

448133 454120 435183 484164 431105

Continuing product table (1 of 5)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW 412154 1 EACH	Prime Finish SKH-492 30 Days	Faceplate - Oregon State	17.15 0.1 0.05
NEW 417184 1 EACH	Prime Finish SKH-311 30 Days	Faceplate - University of Auburn. Not for 6100 Series.	17.15 0.1 0.05

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ng product table (2 of 5)

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
/ 1 H	Prime Finish SKH-380 30 Days	Faceplate - Purdue University. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
/ 2 H	Prime Finish SKH-493 30 Days	Faceplate - Akron. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
/ 2 H	Prime Finish SKH-485 30 Days	Faceplate - Arizona State University. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
/ 1 H	Prime Finish SKH-435 30 Days	Faceplate - Arkansas State	17.15 0.1 0.05	11.61 10.60 9.88
/ 6 H	Prime Finish SKH-468 30 Days	Faceplate - Air Force	17.15 0.1 0.05	11.61 10.60 9.88
/ 4 H	Prime Finish SKH-497 30 Days	Faceplate - Army. Not for 6100 Series.	17.15 0.2 0.09	11.61 10.60 9.88
/ 8 H	Prime Finish SKH-495 30 Days	Faceplate - Ball State	17.15 0.1 0.05	11.61 10.60 9.88
/ 1 H	Prime Finish SKH-392 30 Days	Faceplate - Baylor University. Not for 6100 series.	17.15 0.1 0.05	11.61 10.60 9.88
/ 3 H	Prime Finish SKH-437 30 Days	Faceplate - Boston College. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
/ 5 H	Prime Finish SKH-477 30 Days	Faceplate - Boston University	17.15 0.1 0.05	11.61 10.60 9.88
/ 1 H	Prime Finish SKH-415 30 Days	Faceplate - Brigham Young University	17.15 0.01 0	11.61 10.60 9.88
/ 2 H	Prime Finish SKH-436 30 Days	Faceplate - Boise State	17.15 0.1 0.05	11.61 10.60 9.88
/ 9 H	Prime Finish SKH-369 30 Days	Faceplate - North Carolina State University. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
/ 4 H	Prime Finish SKH-317 30 Days	Faceplate - University of Alabama. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
/ 7 H	Prime Finish SKH-374 30 Days	Faceplate - University of South Carolina. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
/ 0 H	Prime Finish SKH-438 30 Days	Faceplate - East Carolina University	17.15 0.1 0.05	11.61 10.60 9.88
/ 2 H	Prime Finish SKH-510 30 Days	Faceplate - University of Cinncinati. Not for 6100 Series.	17.15 0.25 0.11	11.61 10.60 9.88
/ 6 H	Prime Finish SKH-372 30 Days	Faceplate - Clemson University. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
/ 1 H	Prime Finish SKH-457 30 Days	Faceplate - Colorado State	17.15 0.1 0.05	11.61 10.60 9.88
/ 2 H	Prime Finish SKH-395 30 Days	Faceplate - University of Colorado. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
/ 1 H	Prime Finish SKH-312 30 Days	Faceplate - Duke University. Not for 6100 Series.	17.15 0.25 0.11	11.61 10.60 9.88
/ 3 H	Prime Finish SKH-476 30 Days	Faceplate - University of Deleware	17.15 0.1 0.05	11.61 10.60 9.88
/ 4 H	Prime Finish SKH-370 30 Days	Faceplate - Florida State University. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
/ 9 H	Prime Finish SKH-475 30 Days	Faceplate - University of Central Florida. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
/ 5 H	Prime Finish SKH-458 30 Days	Faceplate - Fresno State University	17.15 0.1 0.05	11.61 10.60 9.88
/ 1 H	Prime Finish SKH-417 30 Days	Faceplate - Georgetown University. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
/ 0 H	Prime Finish SKH-313 30 Days	Faceplate - Georgia Tech University. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
/ 0 H	Prime Finish SKH-498 30 Days	Faceplate - University of Houston	17.15 0.1 0.05	11.61 10.60 9.88

Continuing product table (3 of 5)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 430102 1 EACH	Prime Finish 10031 30 Days	Faceplate - Idaho State. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 463196 1 EACH	Prime Finish SKH-411 30 Days	Faceplate - University of Illinois	17.15 0.1 0.05	11.61 10.60 9.88
NEW 499139 1 EACH	Prime Finish SKH-473 30 Days	Faceplate - N. Illinois	17.15 0.1 0.05	11.61 10.60 9.88
NEW 417188 1 EACH	Prime Finish SKH-450 30 Days	Faceplate - University of Iowa. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 441112 1 EACH	Prime Finish SKH-444 30 Days	Faceplate - University of Idaho. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 430150 1 EACH	Prime Finish SKH-449 30 Days	Faceplate - Indiana University. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 492183 1 EACH	Prime Finish SKH-388 30 Days	Faceplate - University of Kansas. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 440109 1 EACH	Prime Finish 10029 30 Days	Faceplate - Eastern Kentucky University. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 492186 1 EACH	Prime Finish SKH-474 30 Days	Faceplate - University of Louisiana-Lafayette	17.15 0.1 0.05	11.61 10.60 9.88
NEW 431176 1 EACH	Prime Finish SKH-463 30 Days	Faceplate - University of Nevada-Las Vegas	17.15 0.1 0.05	11.61 10.60 9.88
NEW 426186 1 EACH	Prime Finish SKH-524 30 Days	Faceplate - Louisiana Tech	17.15 0.1 0.05	11.61 10.60 9.88
NEW 431157 1 EACH	Prime Finish SKH-499 30 Days	Faceplate - University of Louisville	17.15 0.1 0.05	11.61 10.60 9.88
NEW 433144 1 EACH	Prime Finish SKH-316 30 Days	Faceplate - Louisiana State University	17.15 0.1 0.05	11.61 10.60 9.88
NEW 441104 1 EACH	Prime Finish SKH-577 30 Days	Faceplate - University of Maine. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 451182 1 EACH	Prime Finish SKH-518 30 Days	Faceplate - Marshall University. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 496178 1 EACH	Prime Finish SKH-368 30 Days	Faceplate - University of Maryland. Not for 6100 Series.	17.15 0.05 0.02	11.61 10.60 9.88
NEW 472190 1 EACH	Prime Finish SKH-500 30 Days	Faceplate - University of Memphis. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 437100 1 EACH	Prime Finish SKH-508 30 Days	Faceplate - University of Miami. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 426135 1 EACH	Prime Finish SKH-516 30 Days	Faceplate - Eastern Michigan	17.15 0.1 0.05	11.61 10.60 9.88
NEW 477106 1 EACH	Prime Finish SKH-446 30 Days	Faceplate - Michigan State	17.15 0.1 0.05	11.61 10.60 9.88
NEW 480187 1 EACH	Prime Finish SKH-379 30 Days	Faceplate - University of Michigan. Not for 6100 Series.	17.15 0.25 0.11	11.61 10.60 9.88
NEW 418144 1 EACH	Prime Finish SKH-501 30 Days	Faceplate - Southern Mississippi	17.15 0.1 0.05	11.61 10.60 9.88
NEW 467130 1 EACH	Prime Finish SKH-383 30 Days	Faceplate - University of Missouri. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 453114 1 EACH	Prime Finish SKH-578 30 Days	Faceplate - University of Montana	17.15 0.1 0.05	11.61 10.60 9.88
NEW 481178 1 EACH	Prime Finish SKH-515 30 Days	Faceplate - Central Michigan	17.15 0.1 0.05	11.61 10.60 9.88
NEW 491166 1 EACH	Prime Finish SKH-522 30 Days	Faceplate - Western Michigan University	17.15 0.12 0.05	11.61 10.60 9.88
NEW 491165 1 EACH	Prime Finish SKH-377 30 Days	Faceplate - University of Mississippi (Ole Miss). Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 418128 1 EACH	Prime Finish SKH-479 30 Days	Faceplate - University of North Carolina Charlotte	17.15 0.3 0.14	11.61 10.60 9.88

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Nokia 5100 Series

Continuing product table (4 of 5)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 494169 1 EACH	Prime Finish SKH-396 30 Days	Faceplate - Nebraska	17.15 0.1 0.05	11.61 10.60 9.88
NEW 453150 1 EACH	Prime Finish SKH-452 30 Days	Faceplate - University of Nevada	17.15 0.1 0.05	11.61 10.60 9.88
NEW 437196 1 EACH	Prime Finish SKH-439 30 Days	Faceplate - New Mexico State University	17.15 0.1 0.05	11.61 10.60 9.88
NEW 445175 1 EACH	Prime Finish SKH-528 30 Days	Faceplate - Notre Dame	17.15 0.1 0.05	11.61 10.60 9.88
NEW 484141 1 EACH	Prime Finish SKH-526 30 Days	Faceplate - Naval Academy	17.15 0.1 0.05	11.61 10.60 9.88
NEW 462108 1 EACH	Prime Finish SKH-521 30 Days	Faceplate - Ohio University. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 441102 1 EACH	Prime Finish SKH-390 30 Days	Faceplate - Oklahoma State University. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 422136 1 EACH	Prime Finish SKH-490 30 Days	Faceplate - University of Oregon. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 459173 1 EACH	Prime Finish SKH-414 30 Days	Faceplate - University of Pittsburgh. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 461122 1 EACH	Prime Finish SKH-459 30 Days	Faceplate - Rice University. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 430137 1 EACH	Prime Finish SKH-448 30 Days	Faceplate - Rutgers	17.15 0.1 0.05	11.61 10.60 9.88
NEW 414163 1 EACH	Prime Finish SKH-460 30 Days	Faceplate - San Diego State	17.15 0.1 0.05	11.61 10.60 9.88
NEW 438187 1 EACH	Prime Finish SKH-418 30 Days	Faceplate - Seton Hall University	17.15 0.1 0.05	11.61 10.60 9.88
NEW 445199 1 EACH	Prime Finish SKH-365 30 Days	Faceplate - Southern Methodist University. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 481195 1 EACH	Prime Finish SKH-419 30 Days	Faceplate - St. John's University. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 490162 1 EACH	Prime Finish SKH-576 30 Days	Faceplate - University of St. Clouds	17.15 0.1 0.05	11.61 10.60 9.88
NEW 442196 1 EACH	Prime Finish SKH-440 30 Days	Faceplate - University of Syracuse. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 435160 1 EACH	Prime Finish SKH-367 30 Days	Faceplate - Texas Christian University. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 440145 1 EACH	Prime Finish SKH-441 30 Days	Faceplate - Temple University	17.15 0.1 0.05	11.61 10.60 9.88
NEW 450196 1 EACH	Prime Finish SKH-453 30 Days	Faceplate - University of North Texas	17.15 0.1 0.05	11.61 10.60 9.88
NEW 491191 1 EACH	Prime Finish SKH-462 30 Days	Faceplate - University of Texas El Paso	17.15 0.1 0.05	11.61 10.60 9.88
NEW 457174 1 EACH	Prime Finish SKH-345 30 Days	Faceplate - University of Texas Longhorns. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 493170 1 EACH	Prime Finish SKH-391 30 Days	Faceplate - Texas Tech University. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 498126 1 EACH	Prime Finish SKH-442 30 Days	Faceplate - Tulane University	17.15 0.1 0.05	11.61 10.60 9.88
NEW 478180 1 EACH	Prime Finish SKH-465 30 Days	Faceplate - University of Tulsa. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 429140 1 EACH	Prime Finish SKH-525 30 Days	Faceplate - Middle Tennessee State University. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 492103 1 EACH	Prime Finish SKH-520 30 Days	Faceplate -Toledo, U. of	17.15 0.1 0.05	11.61 10.60 9.88
NEW 476179 1 EACH	Prime Finish SKH-406 30 Days	Faceplate - UCLA. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88

Continuing product table (5 of 5)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW 424127 1 EACH	Prime Finish SKH-455 30 Days	Faceplate - Utah State University	17.15 0.1 0.05
NEW 484156 1 EACH	Prime Finish SKH-445 30 Days	Faceplate - University of Utah	17.15 0.1 0.05
NEW 495128 1 EACH	Prime Finish SKH-376 30 Days	Faceplate - Vanderbilt University. Not for 6100 Series.	17.15 0.1 0.05
NEW 421143 1 EACH	Prime Finish SKH-364 30 Days	Faceplate - University of Virginia. Not for 6100 Series.	17.15 0.1 0.05
NEW 448133 1 EACH	Prime Finish SKH-487 30 Days	Faceplate - Washington State. Not for 6100 Series.	17.15 0.1 0.05
NEW 454120 1 EACH	Prime Finish SKH-489 30 Days	Faceplate - University of Washington. Not for 6100 Series.	17.15 0.1 0.05
NEW 435183 1 EACH	Prime Finish SKH-382 30 Days	Faceplate - University of Wisconsin. Not for 6100 Series.	17.15 0.1 0.05
NEW 484164 1 EACH	Prime Finish SKH-466 30 Days	Faceplate - University of Wyoming. Not for 6100 Series.	17.15 0.1 0.05
NEW 431105 1 EACH	Prime Finish SKH-375 30 Days	Faceplate -Wake Forest	17.15 0.1 0.05

Prime Finish NBA Faceplates

484124 425116 436174 470108 445139

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW 446104 1 EACH	Prime Finish 10069 30 Days	Faceplate -Atlanta Hawks - Dunk	17.15 0.1 0.05
NEW 494103 1 EACH	Prime Finish 10038 30 Days	Faceplate -Charlotte Hornets - Dunk.KTA - 2 Key Mat Needed for the 5125/65.	17.15 0.1 0.05
NEW 420146 1 EACH	Prime Finish 10056 30 Days	Faceplate -Chicago Bulls - Dunk	17.15 0.1 0.05
NEW 412101 1 EACH	Prime Finish 10048 30 Days	Faceplate -Dallas Mavericks - Dunk	17.15 0.1 0.05
NEW 428113 1 EACH	Prime Finish 10042 30 Days	Faceplate -Houston Rockets - Dunk	17.15 0.1 0.05
NEW 465108 1 EACH	Prime Finish 10035 30 Days	Faceplate -Houston Rockets - Team Color.KTA - 2 Key Mat Needed fot the 5125/65.	17.15 0.1 0.05
NEW 484124 1 EACH	Prime Finish 10067 30 Days	Faceplate -Indiana Pacers - Dunk.KTA - 2 Key Mat Needed for the 5125/65.	17.15 0.1 0.05
NEW 425116 1 EACH	Prime Finish 10057 30 Days	Faceplate -L.A. Lakers - 2001 Champs	17.15 0.1 0.05
NEW 472121 1 EACH	Prime Finish 10041 30 Days	Faceplate -L.A. Lakers - Dunk.KTA - 2 Key Mat Needed for the 5125/65.	17.15 0.1 0.05
NEW 454117 1 EACH	Prime Finish 10049 30 Days	Faceplate -N.Y. Knicks - Dunk.KTA - 2 Key Mat Needed for the 5125/65.	17.15 0.1 0.05
NEW 436174 1 EACH	Prime Finish 10060 30 Days	Faceplate -Philadelphia 76ers - Dunk	17.15 0.1 0.05
NEW 470108 1 EACH	Prime Finish 10059 30 Days	Faceplate -Philadelphia 76ers - Team Color.KTA - 2 Key Mat Needed for the 5125/65.	17.15 0.1 0.05
NEW 460105 1 EACH	Prime Finish 10040 30 Days	Faceplate -Sacramento Kings - Dunk.KTA - 2 Key Mat Needed fot the 5125/65.	17.15 0.1 0.05
NEW 448103 1 EACH	Prime Finish 10036 30 Days	Faceplate -Sacramento Kings - Team Color	17.15 0.1 0.05

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ng product table (2 of 2)

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
9	Prime Finish 10062 30 Days	Faceplate -San Antonio Spurs - Dunk	17.15 0.1 0.05	11.61 10.60 9.88
8	Prime Finish 10039 30 Days	Faceplate -Utah Jazz - Dunk.KTA - 2 Key Mat Needed for the 5125/65	17.15 0.1 0.05	11.61 10.60 9.88

e Finish WNBA Faceplates

418130 415102

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1	Prime Finish 10032 30 Days	Faceplate -Cleveland Rockers - Team Color	17.15 0.1 0.05	11.61 10.60 9.88
8	Prime Finish 10063 30 Days	Faceplate -Houston Comets - 4-Time Champs	17.15 0.1 0.05	11.61 10.60 9.88
0	Prime Finish 10065 30 Days	Faceplate -Houston Comets - Dunk	17.15 0.1 0.05	11.61 10.60 9.88
2	Prime Finish 10064 30 Days	Faceplate -Houston Comets - Team Color	17.15 0.1 0.05	11.61 10.60 9.88
3	Prime Finish 10052 30 Days	Faceplate -Indiana Fever - Dunk.KTA - 2 Key Mat Needed for the 5125/65.	17.15 0.1 0.05	11.61 10.60 9.88
6	Prime Finish 10051 30 Days	Faceplate -L.A. Sparks - Dunk.KTA - 2 Key Mat Needed for the 5125/65.	17.15 0.1 0.05	11.61 10.60 9.88
8	Prime Finish 10050 30 Days	Faceplate -L.A. Sparks - Team Color .KTA - 2 Key Mat needed for the 5125/65	17.15 0.1 0.05	11.61 10.60 9.88
0	Prime Finish 10075 30 Days	Faceplate -N.Y. Liberty - Dunk	17.15 0.1 0.05	11.61 10.60 9.88
0	Prime Finish 10033 30 Days	Faceplate -N.Y. Liberty - Team Color	17.15 0.1 0.05	11.61 10.60 9.88
7	Prime Finish 10053 30 Days	Faceplate -Sacramento Monarchs - Dunk.KTA - 2 Key Mat Needed fot the 5125/65.	17.15 0.1 0.05	11.61 10.60 9.88

FPF Fun Friends

Fun Friends are leading the way with adorable characters that give new attitude to these otherwise dull products. Fun Friends are a perfect match for all who enjoy plush characters ranging from Funky the Monkey to Tadpole our Lime Green Frog.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 417318 1 EACH	funphonefriend.com A-05 30 days	Fun Friends phone cover. Tapole Frog	15.00 0.32 0.15	6.50 5.75 5.21
NEW 425345 1 EACH	funphonefriend.com A-01 30days	FunFriends phone cover. Bully-Bulldog	15.00 0.32 0.15	6.50 5.75 5.21
NEW 427352 1 EACH	funphonefriend.com A-25 30 days	FunFriends phone cover. Daisy Flip- Jean	15.00 0.32 0.15	6.50 5.75 5.21
NEW 440370 1 EACH	funphonefriend.com A-22 30 days	Fun Friends Funky- Monkey	15.00 0.32 0.15	6.50 5.75 5.21
NEW 441386 1 EACH	funphonefriend.com A-3 30 days	Fun Friends phone covers. Floppy Reg	15.00 0.32 0.15	6.50 5.75 5.21
NEW 454305 1 EACH	funphonefriend.com A-19 30 days	FunFriends phone cover. ALI- Aligator	15.00 0.32 0.15	6.50 5.75 5.21
NEW 472388 1 EACH	funphonefriend.com A-17 30 days	FunFriends phone cover. Beary- Lavender Bear	15.00 0.32 0.15	6.50 5.75 5.21
NEW 474325 1 EACH	funphonefriend.com A-27 30 days	Fun Friends phone cover. Santa	15.00 0.32 0.15	6.50 5.75 5.21
NEW 481374 1 EACH	funphonefriend.com A-15 30 days	Fun Friends phone covers. Dangles- Dog Hanging Legs	15.00 0.32 0.15	6.50 5.75 5.21
NEW 482389 1 EACH	funphonefriend.com A-24 30 days	Fun Friends phone covers. Munchie- Manatee	15.00 0.32 0.15	6.50 5.75 5.21
NEW 486359 1 EACH	funphonefriend.com A-10 30 days	Fun Friends phone covers. Kit Kat- Cat	15.00 0.32 0.15	6.50 5.75 5.21
NEW 488341 1 EACH	funphonefriend.com A-7 30 days	Fun Friends phone cover. Larry -Lobster	15.00 0.32 0.15	6.50 5.75 5.21
NEW 490397 1 EACH	funphonefriend.com A-21 30 days	Fun Friends phone covers. Cheeser- Mouse	15.00 0.32 0.15	6.50 5.75 5.21
NEW 499325 1 EACH	funphonefriend.com A-20 30 days	Fun Friends phone covers. Moo Moo- Cow	15.00 0.32 0.15	6.50 5.75 5.21

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Chargers, Desk Top, Travel [305-60]

Nokia Chargers

12531

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

- Chargers used with Desk Top Charging Stands or battery charger adapters. Plugs into 120V outlet.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
12531 1 EACH	Nokia ACP-7U Limited Lifetime	Travel Charger for 32/33/51/61/63/64/71/83/8800 phones.	13.00 0.3 0.14	5.54 5.36 5.34
NEW 480381 1 EACH	Nokia ACP-7E Limited Lifetime	European Travel Charger For 8550 and 3210.	13.00 0.3 0.14	5.04 4.86 4.84
NEW 486358 1 EACH	Nokia ACP-8E Limited Lifetime	European Rapid Travel Charger For 8850 and 3210.	19.95 0.4 0.18	12.59 12.15 12.10

Nokia Desk Top Charging Stands

96566

Desktop charging stand for Nokia Cellular phones. Provides a convenient way to charge the phone and connect for data. Used with an external power supply (different power supplies for fast charging, trickle charging, or automotive charging). REQUIRES TRAVEL CHARGER (sold separately).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 422198 1 EACH	Nokia DCH-8 1 year	Single Port Desktop Charging Stand Only.	15.00 0.2 0.09	6.84 6.60 6.57
NEW 423159 1 EACH	Nokia 0273052 1 year	Connectivity Stand Only.	34.00 0.35 0.16	15.10 14.58 14.52
NEW 475176 1 EACH	Nokia 0080438 1 year	Connectivity Kit. Includes the DCH-8D Connectivity Stand and the DLR-3P Data Cable.	50.00 1 0.45	35.95 34.70 34.55
96566 1 EACH	Nokia DCH-9 1 year	Dual Port Desktop Charging Stand Only.	29.95 0.25 0.11	19.78 19.09 19.01

Wireless Solutions Travel Charger

93302

- Plugs into any 110 volt outlet
- Use your phone while it is charging
- Rapid Charges batteries in about 2-4 hours
- Attractive retail packaging that promotes self selection and consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
93302 1 EACH	Wireless Solutions 93302 Lifetime	Travel Charger	8.65 0.56 0.25	6.34 5.14 3.95

Cases for Portable Cellular Phones [310-10]

Nokia OEM Phone Cases

489188 441016 17626

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to m the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and perfo mance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)
NEW 467194 1 EACH	Nokia CSY-4 Length of Ownership	Active Mesh Carry Case Red	29.95 0.3 0.14
489188 1 EACH	Nokia CSF-1 Length of Ownership	Glove leather case with belt clip. Retail packaged. Black	14.95 0.17 0.08
441016 1 EACH	Nokia CSL-1B Length of Ownership	Leather case with built-in swivel and belt-clip. Retail packaged. Black	19.95 0.3 0.14
17626 1 EACH	Nokia CSL-1 Length of Ownership	Leather Case. Retail packaged. Black	14.95 0.17 0.08

MTU Pouch Style Cases

MTU Wireless Horizontal Pouch Style Cases. These ca are great for active people. Your belt slides easily throu belt loop in the back of the case allowing your wireless to rest securely on its side. Great for hiking, running a ing. Retail packaged.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)
NEW 495312 1 EACH	AleEv (formerly MTU) 21673 Limited Lifetime	Horizontal Pouch Style Leather Case with Integrated Belt Loop and Clip. Retail packaged. Black	25.70 0.1 0.05

Superior Communications Cases

39576

Superior Communications cases feature a handcrafted, custom-fit that will prote enhance your cellular phone. Belt clip and carry strap included.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)
39576 1 EACH	Superior Comm. 23008 3 Years	Leather case. Vinyl face. Retail packaged. Black	8.00 0.14 0.06

Wireless Solutions Cases

18821 93956

- High quality leather
- Nylon stitching
- Leather covered rust resistant spring clip
- Mylar plastic that will not yellow or crack
- Environmentally tested to ensure durability
- Attractive retail packaging that promotes sel tionand consumer education

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)
18821 1 EACH	Wireless Solutions 479142U 1 Year	Leather Case with built-in swivel and belt clip. Retail packaged. Black	11.60 0.18 0.08

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ing product table (2 of 2)

lo. om	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
56 CH	Wireless Solutions 93956 Lifetime	Leather case with full vinyl face. Retail packaged. Black	11.60 0.18 0.08	7.50 6.87 6.30

eless Solutions Phone Holsters

418160
e Holster can ratchet 180 degrees.
e sits firmly in place inside of holster.

• Holster is manufactured with high-impact plastic.

lo. om	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
60 CH	Wireless Solutions 484194U 1 Year	Ratcheting Phone Holster Black	7.75 0.3 0.14	5.51 4.66 3.60

Waterproof Cases, Belt Clips [310-60]

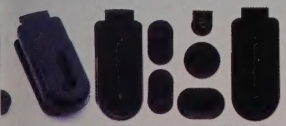
t Clips for Nokia Phones

Belt clips designed to conveniently snap onto the phone to securely hold it in place. Holds the phone without the need for a leather carry case.

54

lo. om	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
54 CH	Nokia BCH-12U 90 days	Belt Clip Black	9.00 0.18 0.08	3.80 3.48 3.15

eless Solutions Beltclips



26612 30754 413338

Belt clips designed to conveniently snap onto the phone to securely hold it in place. Holds the phone without the need for a leather carry case.

lo. om	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
2 CH	Wireless Solutions 26612 Lifetime	Belt Clip - Nokia 3200,5100,6100 Series Only Black	6.80 0.18 0.08	4.22 3.75 3.21
54 CH	Wireless Solutions 30754 Lifetime	Universal Belt Clip includes three different swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21
V 38 CH	Wireless Solutions 458379U Lifetime	Universal Belt Clip includes two swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21

Hands Free Kits, Mics, Headsets [262-09]

Nokia Handsfree Kit

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 86394 1 EACH	Nokia HFU-2 BULK	NOKIA Junction box for CARK-91.	92.00 0.29 0.13	66.15 63.85 63.58

Complete Nokia Car Kits

18531 71434

NOKIA Handsfree Installation Kit for permanent mounting in a vehicle. Allows you to convert your portable phone into a complete in-car phone. Provides hands-free, external antenna connection, external speaker, fast charger and mounting hardware.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
18531 1 EACH	Nokia CARK-91US 3 Year	Complete handsfree car kit. Professional install recommended. External antenna connection terminates with an FME connector. Kit includes an FME to Mini-UHF adapter. Also includes active cradle (MCC-1) junction box (HFU-2),	138.00 2.4 1.09	99.23 95.78 95.36
71434 1 EACH	Nokia PCH-4J 1 Year	Replacement power cable for the CARK-91 car installation kit.	15.00 0.27 0.12	10.79 10.41 10.37

Complete Nokia Car Kits

76032 86748 87764

NOKIA Handsfree Installation Kit for permanent mounting in a vehicle. Lets you convert your portable phone into a complete in-car phone. Provides hands free, external antenna connection, external speaker, fast charger, handest and mounting hardware.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
76032 1 EACH	Nokia CARK-91H 3 Year	Complete handsfree car kit. Professional install recommended. External antenna connection terminates with an FME connector. Kit includes an FME to Mini-UHF adapter (SKU 26325). Also includes active cradle (MCC-1) junction box	158.00 2.8 1.27	113.61 109.66 109.18
86748 1 EACH	Nokia AXR-2 1 yr	Cable for use with the CARK-91 when using the NRM-1 Plus Module with a 5190 or 6190 phone.	45.50 0.45 0.2	32.72 31.58 31.45
87764 1 EACH	Nokia MCC-1 BULK 1 Year	Replacement active cradle for CARK-91.	46.00 1 0.45	33.08 31.93 31.79

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Nokia 5100 Series

Nokia Handset Unit

19402

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
19402 1 EACH	Nokia HSU-1 1 year	Nokia handset unit for use with car kits for the Nokia 2120 - CARK11 Nokia 9000i - CARK60/103 and Nokia 6100- CARK91.	49.00 0.66 0.3	35.24 34.01 33.86

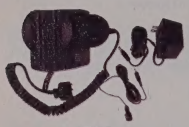
Smarteq Handsfree Kits

453100

Smarteq handsfree car kits use patented antenna coupling technology for the newest wireless phones that use inductive antennas. Each kit terminates in an FME male connector.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
453100 1 EACH	Smarteq 70437 1 Year	Installed Handsfree Car Kit	197.75 2.3 1.05	124.95 119.55 112.50

Superior Dock & Talk HF Kit



85627

Automotive and desktop speakerphone system designed for today's mobile professional. Provides hands-free conversation and continuous charging capability. For use in vehicle, home, or office. CDMA, TDMA, and analog compatible. Speakerphone/Adapter (included) easily and securely connects to either vehicle cigarette-lighter socket or desktop dock.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
85627 1 EACH	Superior Comm. 329 3 Year	Dock & Talk Mobile/Desktop Handsfree Kit	81.75 2.54 1.15	39.08 37.64 36.78

Headsets [262-10]

Clearvox Over-the-Ear Headset

35716

Lightweight over-the-ear headset is held in place comfortably with a support triangle that slips over the ear. Boom microphone rotates to accomodate right or left ear. Weighs less than 2 oz. 2.5 mm plug connects directly into the headset port of the cellular phone.*

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
35716 1 EACH	ClearVox Communications C-300 1 Year	Over the Ear Headset Headset. Mic is not noise canceling. Retail packaged.	20.70 0.15 0.07	13.75 10.78 10.34

Clearvox Headset Adapter*

89919

Clearvox headset adapter plugs into the bottom of the phone. The headset then plugs into the adapter. Use with any Clearvox headse

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
89919 1 EACH	ClearVox Communications CS-N61 1 Year	Headset adapter	25.55 0.2 0.09	1 1 1

Jabra In-the-Ear Headset

The JABRA Corporation's headset features an innovati in-the-ear speaker and microphone. Built-in noise reduc technology for clear transmissions. Totally portable and tal-ready. Four-foot cable, six EarGels and standard 2.5 plug for direct connection to mobile phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
35018 1 EACH	Jabra Corporation ESNOK51/61/71302 1 year	Earset	29.95 1 0.45	1 1 1

Jabra EarBoom Headset

429096

"Fits-your-face," flexible mini-boom is comfortable and non-intrusive. For who need to talk and listen "on the move." The custom-fit EarGel channe sound into your ear for great reception.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	
429096 1 EACH	Jabra Corporation EMNOK51/61/ 710300 1 year	EarBoom Headset With In-Line On/Off Button.	24.95 0.3 0.14	

Jabra EarBud Headset

467078

The JABRA EarBud is the most cost-effective, JABRA solution for mobile ph users wanting a hands-free alternative at a value price. The JABRA EarBud us patented EarGel for a secure fit and contemporary styling. Unlike the EarSe Ear Boom solutions, the EarBud integrates the microphone as part of the ca leading from the ear to the phone. Its improved circuitry eliminates the buz found in lower quality solutions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
467078 1 EACH	Jabra Corporation EBNOK51/61/ 710302 1 Year	EarBud Headset	13.25 0.15 0.07

NEW = New Listing. Pricing for referen
See TESSCO.com for latest pricing and p
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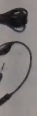
a Earboom Winder

95157

The EarBoom Winder gives you a tangle-free solution to handsfree communication. Talk handsfree when you're on the go, then retract the cord and stow the EarBoom at the touch of a button.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
7 H	Jabra Corporation EMWINDERNOK5 1302 1 Year	EarWinder Headset. Retail packaged.	34.90 0.35 0.16	19.90 17.45 17.11

J Headset

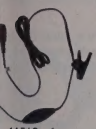


44

MTU "Bud" type hands-free earphone/ microphone.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
4 H	AleEv (formerly MTU) 91058 LtdLife	MTU "Bud" type hands-free earphone/ microphone. Phone adapter is included.	19.95 0.1 0.05	8.01 7.44 6.95

KIA Hands Free Headsets



61519

Nokia handsfree headset kit. Allows handsfree operation of phone. Includes "bud" type earpiece and an active button that can answer or end a call without opening the phone.

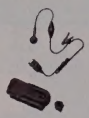
o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
9 H	Nokia HDC-9P 3 year	Hands free headset kit. Bulk packaged.	21.95 0.17 0.08	8.41 8.14 8.11

ia Headset Kit

Nokia headset kit. Includes a intergrated earpiece and microphone for handsfree conversations and a cord mounted answer/end button for convenience. Special 2.5mm jack that only works with the Nokia 8860.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1 H	Nokia HDE-1 3 Year	Headset Kit. No answer/end button	7.40 0.35 0.16	5.83 5.64 5.62

NOKIA Headset with Belt Clip



46328

Nokia handsfree headset with a belt clip. Includes:"bud" type earpiece that plugs into the ear and allows handsfree operation. Answer/end button is located in the microphone. Belt clip holds the phone on your belt/ waist.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
46328 1 EACH	Nokia HDC-9K 3 year	Handsfree headset kit with belt clip for Nokia 5100/ 6100 series.	17.30 0.2 0.09	12.44 12.01 11.96

Inductive Loop for Hearing Aids

53969

Nokia inductive loop for hearing impaired users. Easy to use device for smooth interaction between T-coil equipped hearing aid and a portable NOKIA phone. Consists of a wire loop that goes around the user's neck and connects to the bottom of the phone. Loopset transmits speech from the phone to the aid.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
53969 1 EACH	Nokia LPS-1 1 Year	Inductive loop for Hearing Aids.	69.95 0.5 0.23	48.90 47.20 46.99
NEW **411167** 1 EACH	Nokia HDA-8 1 Year	TTY/TDD Phone Adapter.. Comply with TSB121 industry standard. "Cellular Ready" TTY devices need the HDA-8 cable connection to work successfully with Nokia products. TTY capable Nokia phones are capable of VCO (voice carry over) transmission. However this must be done on a VCO capable TTY. Mor information location in TFAX.	6.00 0.22 0.1	3.60 3.47 3.46

Plantronics Over-The-Head Headsets

36909 36926

All Plantronics over-the-head wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36909 1 EACH	Plantronics M110 1 Year	Flexible headband on this over-the-head headset provides stability and comfort.	24.20 0.4 0.18	16.06 12.59 12.08
36926 1 EACH	Plantronics M114 1 Year	Flexible headband on this over-the-head style headset provides stability and comfort. Includes in-line volume control.	26.80 0.4 0.18	17.80 13.95 13.39

Plantronics Over-The-Ear Headsets

36954 437119 36981 476150

All Plantronics over-the-ear wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hard-wired for specific Nokia phones.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36954 1 EACH	Plantronics M120 1 Year	Lightweight comfort in an over-the-ear style headset.	24.20 0.25 0.11	16.06 12.59 12.08
NEW **437119** 1 EACH	Plantronics M123-N2 1 Year	Lightweight comfort in an over-the-ear headset. Includes in-line call answer/end control.	29.50 0.35 0.16	19.59 15.36 14.73
36981 1 EACH	Plantronics M124 1 Year	Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80 0.24 0.11	17.80 13.95 13.39

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Nokia 5100 Series

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 476150 1 EACH	Plantronics M133-N2 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, purple color. Includes in-line call answer/end control.	35.10 0.4 0.18	23.34 18.30 17.55

Plantronics In-The-Ear Headsets

37000 462144 37004

All Plantronics in-the-ear boom-style wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37000 1 EACH	Plantronics M140/CHARCOAL 1 Year	Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11	24.31 19.06 18.28
NEW 462144 1 EACH	Plantronics M143-N2 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line call answer/end control.	40.75 0.35 0.16	27.09 21.24 20.37
37004 1 EACH	Plantronics M145 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11	28.22 22.12 21.22

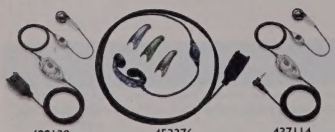
Plantronics Headset Adapter

75407

Plantronics headset adapter plugs into the bottom of the phone. The headset then plugs into the adapter. Use with any Plantronics headset. Can be used with many headsets that have a 2.5mm plug.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
75407 1 EACH	Plantronics WTA-NK610 1 year	Headset adapter	12.55 0.25 0.11	8.34 6.54 6.27

Plantronics Discreet Earbud Headsets

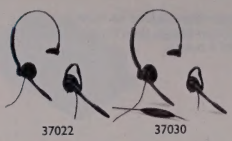


488139 453376 437114

All Plantronics earbud headsets for wireless phones feature Flexfit(TM) design for increased stability, RF noise shielded cable, advanced speaker technology, and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
488139 1 EACH	Plantronics M206-N2 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and call answer/end controls.	32.00 0.22 0.1	21.25 16.66 15.98
NEW 453376 1 EACH	Plantronics MX103-N2 1 Year	Discreet style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19.59 15.36 14.73
437114 1 EACH	Plantronics M205 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09	19.59 15.36 14.73

Plantronics Convertible Headsets



37022 37030

All Plantronics convertible style wireless phone head feature a noise-canceling microphone, RF noise shiel cable, advanced speaker technology, microphone-adj switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
37022 1 EACH	Plantronics M170 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18	3 2 2
37030 1 EACH	Plantronics M175 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22	3 2 2

SpeakEasy Over-the-Ear Headset

Superior Communications SpeakEasy Headset offers a c affordable handsfree solution. Fits over either ear. Spea rests comfortably outside ear. Boom microphone swive position. Lightweight and easy to wear.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
95800 1 EACH	Superior Comm. 22852 3 years	SpeakEasy Over-the-Ear Headset. Phone adapter is included.	18.05 0.15 0.07

Wireless Solutions In The Ear Headset

94174

The Wireless Solutions headset features an innovative all-in-the-ear peaker and microphone. Built-in noise reduction technology for cle transmissions. Totally portable and digital-ready. Includes four foot c and six EarGels.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
94174 1 EACH	Wireless Solutions 94174 Lifetime	Handsfree headset. Phone adapter is included.	30.00 0.15 0.07

Wireless Solutions EarBoom Headset

430160

Wireless Solutions In The Ear headset features a boom mic. Comfortabl vide good mic sound as well as in the ear speaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
430160 1 EACH	Wireless Solutions 458047U Lifetime	Earboom Headset	31.00 0.4 0.18

NEW = New Listing. Pricing for refere
See TESSCO.com for latest pricing and
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less Solutions EarBud Headset

80

The Wireless Soluitons EarBud is the most cost-effective, solution for mobile phone users wanting a hands-free alternative at a value price. The EarBud integrates the microphone as part of the cable leading from the ear to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
0 H	Wireless Solutions 440061U Lifetime	Earbud Headset	27.00 0.4 0.18	12.09 10.09 8.09

less Solutions Bud Headset

446119

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
9 H	Wireless Solutions 428156U 1 Year	Bud Headset	7.75 0.35 0.16	5.27 4.22 3.60

Portable Cellular Phone Accessory Kit [262-50]

less Solutions Starter Kits

31124

Starter Kits include a glove leather fitted case and a vehicle power adapter. Wireless Solutions Retail Packaging.

n	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1 H	Wireless Solutions 31124 Lifetime	Starter Kit. Includes open face leather case and vehicle power adapter. Wireless Solutions retail packaging. Lifetime Warranty.	33.00 0.4 0.18	13.90 11.92 9.90

Data Interfaces for Portable Phones [260-12]

a Data Cables

17282

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

h	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1	Nokia DAU-9P	Data cable for e-mail, faxes, and short message service. Must be used with Data Suite software.	34.95 0.25 0.11	23.73 22.91 22.81

Mounting Plates, Cradles, Holders [150-40]

Nokia Phone Cradles

70464

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
70464 1 EACH	Nokia MBC-1 Lifetime	Nokia 5100/6100 phone cradle. Holds phone in place while charging with the cigarette lighter adapter. Mounting plate and hardware included.	14.00 0.35 0.16	8.28 8.00 7.94

UltiMount

28327

The UltiMount by Pro.Fit International secures any phone or car kit in any vehicle. It swivels, rotates and adjusts to virtually any position and installs in seconds with 3M acrylic foam tape. No tools are needed. Great for cars, trucks, RV's or boats. Designed for cell phones, two- way radios, handheld GPS units and PDA's. The complete system includes a swivel belt clip, Nokia button, round and oblong buttons and surface preparation supplies. Will also work with a case with a built-in belt clip. Premium trifold clamshell package with a color insert card and complete instructions for installing and removing.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
28327 1 EACH	Pro.Fit International UL747 Lifetime	UltiMount	24.95 0.5 0.23	15.00 13.98 13.95

The Portable Solution PS-1324

454079

The Portable Solution by Pro.Fit International incorporates a simple button design for easy one-hand operation. It installs in seconds with 3M acrylic foam tape for superior adhesion, but can be removed without leaving any residue. The complete system includes swivel belt clip, Nokia button, round and oblong adhesive back buttons and surface preparation supplies. This holder will also work with a case with a built-in belt clip. Retail peg hook package with a color information card.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
454079 1 EACH	Pro.Fit International PS-1324 Lifetime	The Portable Solution PS-1324.	10.95 0.16 0.07	6.96 6.79 6.61

MTU Passive Holders

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
17841 1 EACH	AleEv (formerly MTU) 22148 1 year	Passive Holder for Nokia 5100/6100 series phones.	14.20 1 0.45	5.70 5.30 4.95

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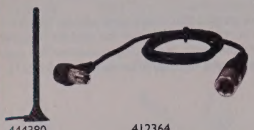
External Antenna Kits for Portables [362-40]

Wireless Solutions Antenna Cables



Wireless Solutions Antenna Cables and Antenns

444380 412364

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **444380** 1 EACH	Wireless Solutions 454106U 1 Year	Dual Band Mini-Magnetic Mount Antenna connects to RF adapter.	19.70 0.25 0.11	11.22 9.89 9.43
NEW **412364** 1 EACH	Wireless Solutions 429108U 1 Year	Antenna Adapter Cable. Nokia 3285, 5100 series. Use Dual Band Mini Mag-Mount Antenna SKU# 444380.	11.00 0.25 0.11	6.50 5.75 5.50

Antenna Specialists Talk Around (R)

43996

Antenna Specialists Talkaround dual band 824-894 MHz (cellular) and 1850-1990 (PCS) magnet mount antenna allows you to receive the benefit of an external antenna without the expense of a car kit. Antenna is 4.75" long with a base of 1.1". Includes 8.25' of RG174 cable with connector.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
43996 1 EACH	Antenna Specialists ASPDM1944/CP Lifetime	Dual band magnetic antenna for Nokia 3285,5110,5120,5160,5162,5190,6110,6120,6160,6162 and 6190 series. Retail packaged.	42.50 1.5 0.68	22.53 20.83 20.40

ClearTalk Charger w/Ant. Connect

Superior Communications ClearTalk is a saver/charger that charges your phone's battery. It includes an FME male connector for an external antenna. It can also be purchased with a unity gain mini magnet mount antenna to provide greater signal strength and improved performance.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
54276 1 EACH	Superior Comm. 22819 3 Year	ClearTalk with unity gain magnetic mount antenna Nokia 5100/6100 series. Not for 5185. Includes FME/F-TNC/F adapter.	61.05 0.5 0.23	29.18 28.11 27.47
97127 1 EACH	Superior Comm. 22818 3 Year	ClearTalk with external antenna connectionfor Nokia 5100/6100 series. Includes FME/F-TNC/F adapter.	40.80 0.42 0.19	19.49 18.78 18.35

Nokia 5100/6100 External Antenna Kit

MTU external antenna kit allows you to attach a d band mini magnet antenna to your phone for impr reception and transmission. Includes antenna and p cable with adapter.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW **480306** 1 EACH	AleEv (formerly MTU) 80155 Limited Lifetime	External antenna kit for Nokia 5100/61/3200 series.	42.10 0.15 0.07	1 1 1

Cellular Antenna Couplers [362-41]

Antenna Specialists Talkaround Cable

Antenna Specialists RF Link cables allow easy connectio an external antenna to improve the phone's performanc cables attaches directly to the phone and terminates in SAP/FME male connector.

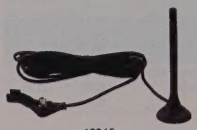
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
41870 1 EACH	Antenna Specialists K346 Lifetime	Fits Ericsson 700 series	20.65 0.1 0.05	
20386 1 EACH	Antenna Specialists K345 Lifetime	Fits Ericsson 200/300/600 series	20.65 0.1 0.05	
41865 1 EACH	Antenna Specialists K344 Lifetime	Fits Nokia 3285/5100/ 6100 series.	20.65 0.07 0.03	

ClearConnect Cables

ClearConnect cables allow easy connection to an exte antenna to improve the phone's performance. 12" cabl attaches directly to the phone and terminates in a TN female connector.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
70763 1 EACH	Superior Comm. 23043 3 Year	Fits Nokia 3285,5100/6100 series (not 5185 phone). Has brace that grips phones antenna for added support.	14.15 0.1 0.05

ClearConnect with Antenna



68265

ClearConnect reduces dropped calls and improves your s strength. Links your phone to a dual band mini magnet an that easily attaches to your vehicle.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
68265 1 EACH	Superior Comm. 22845 3 Year	Fits Nokia 3285/5100 series (only). Not for 5185.	34.45 0.25 0.11

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v (formerly MTU) RF Antenna Adapters

28009

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
9 H	AleEv (formerly MTU) 40147 3 Year	Rf adaper has brace to grip phone antenna for support. Fits Nokia 3285/5100/6100 series. Not compatible with 5185. Antenna not included.	28.55 0.13 0.06	11.46 10.66 9.96

Compatible Phone Models:

Nokia 5125
Nokia 5165

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

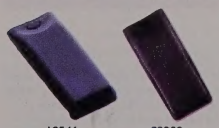
Nokia Portable Phone Batteries

470073 432080 419030 17658 17671

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 427169 1 EACH	Nokia BPS-2 1 Year	Replacement Battery Black 1100 mAh Lithium Polymer Provides up to 6 hours talk-time/ 12 days standby time.	54.95 0.2 0.09	30.70 29.65 29.53
470073 1 EACH	Nokia BPS-1 1 Year	Replacement Battery Black 600 mAh Lilo Polymer Provides up to 3 hours talk-time/ 6 days standby time.	40.00 0.2 0.09	24.95 24.10 24.00
432080 1 EACH	Nokia BMS-2S 1 Year	Replacement Battery Black 900 mAh NiMH Provides 1-5 hours of talk time, 30-216 hours standby. Black.	24.95 0.25 0.11	12.73 12.30 12.25
419030 1 EACH	Nokia BLS-4 1 Year	Replacement Battery Black 1500 mAh Lilo Provides 5-8 hours of talk time, 100-450 hours standby. Black.	40.00 0.35 0.16	22.07 21.32 21.23
17658 1 EACH	Nokia BMS-2V 1 Year	Replacement Battery VIBRATING 900 mAh NiMH Provides 1-5 hours of talk time, 16-225 hours standby. Black.	24.00 0.25 0.11	17.76 17.16 17.09
NEW 17671 1 EACH	Nokia BLS-2N 1 Year	Replacement Battery Black 1050 mAh Lilo ANALOG 45-85 minutes/ 10-15 hours	28.00 0.25 0.11	20.64 19.94 19.85

Wireless Solutions Batteries



18546 82209

- High Quality, Great Value
- Attractive retail packaging that promotes self selection and consumer education
- Available with merchandising system that drives multiple and repeat purchases to improve overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
18546 1 EACH	Wireless Solutions 439192U Lifetime	Vibrating Battery. Black 900 mAh Lilo Provides 1-5 hours of talk time, 16-225 hours standby.	30.55 0.25 0.11	21.52 17.51 15.76
82209 1 EACH	Wireless Solutions 487183U Lifetime	Replacement Battery Black 900 mAh Lilo Provides 1-5 hours of talk time, 16-225 hours standby.	30.55 0.25 0.11	21.52 17.51 15.76

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Vehicle Power Adapters [275-10]

Nokia (OEM) Vehicle Power Adapters

12634

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories. These products are used by directly plugging onto the phone without removing the battery. Provides power to the phone and charges the battery at the same time.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
12634 1 EACH	Nokia LCH-9 Lifetime	Vehicle Power Adapter. Retail Packaged.	19.95 0.32 0.15	7.63 7.39 7.34

Wireless Solutions Vehicle Power Adapter

16647

Wireless Solutions Vehicle adapters are a great value, and high quality. Quality tested cable returns to original shape after multiple stretches. Attractive retail packaging.

- Variable rate charging for safety & convenience (no overcharging)
- Enough current to make a call with a discharged battery
- Attractive retail packaging that promotes self selection and consumer education
- Available with revolutionary merchandising system that drives multiple and repeat purchase to improve overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
16647 1 EACH	Wireless Solutions 16647 1 Year	Vehicle Power Adapter. Retail Packaged.	23.00 0.35 0.16	7.24 5.91 4.60

Superior Cellular Vehicle Power Adapters

53461

Superior Communications eliminator/chargers plug directly into the phone without removing the battery. Featuring the latest in technology, they will power the phone and charge the battery.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
53461 1 EACH	Superior Comm. 22821 3 Years	Vehicle Power Adapter. Retail Packaged.	14.15 0.3 0.14	6.76 6.52 6.37

Battery Conditioning Units [305-10]

SCP Maximizer Dual Port Charger

15068

Superior Cellular Products Maximizer lightweight charger is a dual port charger that allows you to charge your phone and a spare battery. Both ports feature charging status indicator lights. The Maximizer's smart microprocessor distinguishes between NiMH and Li-Ion batteries, charging each to the optimal level. Each charger includes UL/CSA AC adapter and can charge a standard battery in 90 minutes or less. Rear slot conditions batteries.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
15068 1 EACH	Superior Comm. 22886 3 Year	Dual Port Charger	34.65 1.36 0.62	16.56 15.95 15.58

SCP IMaximizer Dual Port Charger

22789 22770

Superior Cellular Products IMaximizer lightweight charger is a port charger that allows you to charge your phone and a spar tery. Both ports feature charging status indicator lights. The IM mizer's smart microprocessor distinguishes between NiMH a lon batteries, charging each to the optimal level. Each charger includes UL/CSA AC adapter and can charge a standard batte 90 minutes or less. Rear slot conditions batteries. Available in tric colors.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
22789 1 EACH	Superior Comm. 00230 3 YEARS	Conditioning Charger - Electric Aqua	34.65 1.24 0.56
22770 1 EACH	Superior Comm. 00228 3 YEARS	Conditioning Charger - Electric Yellow	34.65 1.3 0.59

Face Plates [311-10]

Nokia 5100 Series Faceplates

98336 33475 481020 61540 430012 21550 46689 447099

Color face plates to personalize your portable phone. No professional installation, no sp tools required. The faceplate clicks over the keypad.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
98336 1 EACH	Nokia SKH-268 30 Days	Faceplate - Bermuda Blue	14.95 0.1 0.05
33475 1 EACH	Nokia SKH-297 30 Days	Faceplate - Cedar Green	14.95 0.12 0.05
481020 1 EACH	Nokia SKH-420 1 Year Limited	Faceplate - Fusion Red	9.95 0.3 0.14
61540 1 EACH	Nokia SKH-405 1 Year Limited	Faceplates - Glo	14.95 0.13 0.06
430012 1 EACH	Nokia SKH-422 1 Year Limited	Faceplate - Hyper Green	9.95 0.3 0.14
21550 1 EACH	Nokia SKH-266 30 Days	Faceplate - Antigua Red	14.95 0.1 0.05
46689 1 EACH	Nokia SKH-295 30 Days	Faceplate - Shark Silver	14.95 0.1 0.05
447099 1 EACH	Nokia KTA-2 1 Year Limited	White & Silver Keymats that allows the Nokia 5100 Collegiate Faceplates and the Nokia 5100 Original Faceplates to work with the Nokia 5125 and 5165 wireless phones.	5.00 0.12 0.05

Nokia 5125/5165 Faceplates

476397 417031 466097 469088 418046 474086 445061 443000 417043

Personalize your Nokia 5125/5165 wireless phone with an Express-On faceplate. No sp tools required for installation.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW 462378 1 EACH	AleEv (formerly MTU) 21107 30 days	MTU face plate for the Nokia 5165 phones.	28.55 0.12 0.05

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ing product table (2 of 2)

No. / Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 97 CH	AleEv (formerly MTU) 21195 30 days	MTU face plate for the Nokia 5165 phones.	28.55 0.12 0.05	11.46 10.66 9.96
W 85 CH	AleEv (formerly MTU) 21106 30 days	MTU face plate for the Nokia 5165 phones.	28.55 0.12 0.05	11.46 10.66 9.96
31 CH	Nokia SKH-541 1 Year Limited	Faceplate - Blue Indigo	14.95 0.3 0.14	7.91 7.64 7.61
97 CH	Nokia SKH-543 1 Year Limited	Faceplate - Bronze Armor	14.95 0.3 0.14	7.91 7.64 7.61
88 CH	Nokia SKH-537 1 Year Limited	Faceplate - Gold Tone	14.95 0.12 0.05	7.91 7.64 7.61
46 CH	Nokia SKH-544 1 Year Limited	Faceplate - Green Gleam	14.95 0.3 0.14	7.91 7.64 7.61
86 CH	Nokia SKH-540 1 Year Limited	Faceplate - Turning Pink	14.95 0.3 0.14	7.91 7.64 7.61
61 CH	Nokia SKH-545 1 Year Limited	Faceplate - Red Dazzle	14.95 0.1 0.05	7.91 7.64 7.61
00 CH	Nokia SKH-542 1 Year Limited	Faceplate - Sea Spray Blue	14.95 0.3 0.14	7.91 7.64 7.61
43 CH	Nokia SKH-538 1 Year Limited	Faceplate - Yellow Spin	14.95 0.3 0.14	7.91 7.64 7.61

Ev Faceplates Nokia 5125/5165

352 422367 422396 424379 428378 429321

4393 447314 447362 476019 444013 420006 496001 471022

498049 463070 488061 499086 425087 481026 461041 437067 430051 447071

464030

ng product table (1 of 3)

No. / Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
/ 52 H	AleEv (formerly MTU) 21980 month Ltd. Lifetime	Ice Blue "laser" keypad	8.45 0.25 0.11	3.40 3.16 2.95
/ 57 H	AleEv (formerly MTU) 21970 month Ltd. Lifetime	Crystal Clear keypad	8.45 0.25 0.11	3.40 3.16 2.95
/ 96 H	AleEv (formerly MTU) 21971 month Ltd. Lifetime	Crystal Black keypad	8.45 0.25 0.11	3.40 3.16 2.95

Continuing product table (2 of 3)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 424379 1 EACH	AleEv (formerly MTU) 21976 month Ltd. Lifetime	Purple "laser" keypad	8.45 0.25 0.11	3.40 3.16 2.95
NEW 427336 1 EACH	AleEv (formerly MTU) 21098 6 months	Faceplate - Tranquil Purple	28.55 0.08 0.04	11.46 10.66 9.96
NEW 428378 1 EACH	AleEv (formerly MTU) 21979 month Ltd. Lifetime	Silver "laser" keypad	8.45 0.25 0.11	3.40 3.16 2.95
NEW 429321 1 EACH	AleEv (formerly MTU) 21977 month Ltd. Lifetime	Red "laser" keypad	8.45 0.25 0.11	3.40 3.16 2.95
NEW 444393 1 EACH	AleEv (formerly MTU) 21988 month Ltd. Lifetime	Silver "laser" keypad	8.45 0.25 0.11	3.40 3.16 2.95
NEW 447314 1 EACH	AleEv (formerly MTU) 21987 month Ltd. Lifetime	Black "laser" keypad	8.45 0.25 0.11	3.40 3.16 2.95
NEW 447362 1 EACH	AleEv (formerly MTU) 21978 month Ltd. Lifetime	Bright Yellow "laser" keypad	8.45 0.25 0.11	3.40 3.16 2.95
476019 1 EACH	AleEv (formerly MTU) 21065 Lifetime	Faceplate - Baby Pink	19.95 0.2 0.09	8.01 7.44 6.95
444013 1 EACH	AleEv (formerly MTU) 21088 Lifetime	Faceplate - Bengal Tiger	28.55 0.2 0.09	11.46 10.66 9.96
420006 1 EACH	AleEv (formerly MTU) 21068 Lifetime	Faceplate - Black Flame	28.55 0.2 0.09	11.46 10.66 9.96
496001 1 EACH	AleEv (formerly MTU) 21069 Lifetime	Faceplate - Blue Stars	28.55 0.2 0.09	11.46 10.66 9.96
471022 1 EACH	AleEv (formerly MTU) 87741 Lifetime	Faceplate - Brown Cow Skin	28.55 0.2 0.09	11.46 10.66 9.96
468036 1 EACH	AleEv (formerly MTU) 21051 Lifetime	Faceplate - Chameleon	19.95 0.2 0.09	8.01 7.44 6.95
498049 1 EACH	AleEv (formerly MTU) 21056 Lifetime	Faceplate - Chrome	19.95 0.2 0.09	8.01 7.44 6.95
463070 1 EACH	AleEv (formerly MTU) 21078 Lifetime	Faceplate - Electric Blue	28.55 0.2 0.09	11.46 10.66 9.96
488061 1 EACH	AleEv (formerly MTU) 21055 Lifetime	Faceplate - Honey Blue	19.95 0.2 0.09	8.01 7.44 6.95
499086 1 EACH	AleEv (formerly MTU) 21063 Lifetime	Faceplate - Rainbow	28.55 0.7 0.32	11.46 10.66 9.96
425087 1 EACH	AleEv (formerly MTU) 21057 Lifetime	Faceplate - Royal Purple	19.95 0.2 0.09	8.01 7.44 6.95
481026 1 EACH	AleEv (formerly MTU) 21083 Lifetime	Faceplate - Speed	28.55 0.2 0.09	11.46 10.66 9.96
461041 1 EACH	AleEv (formerly MTU) 21060 Lifetime	Faceplate - Sunflower	28.55 0.2 0.09	11.46 10.66 9.96
437067 1 EACH	AleEv (formerly MTU) 21072 Lifetime	Faceplate - Tattoo	28.55 0.2 0.09	11.46 10.66 9.96
430051 1 EACH	AleEv (formerly MTU) 21059 Lifetime	Faceplate - Tie Dye	28.55 0.2 0.09	11.46 10.66 9.96

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SSCO.com for latest pricing and products.

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Nokia 5125, 5165

Continuing product table (3 of 3)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
447071 I EACH	AleEv (formerly MTU) 87740 Lifetime	Faceplate - Tiger Skin	28.55 0.2 0.09	11.46 10.66 9.96
420061 I EACH	AleEv (formerly MTU) 21074 Lifetime	Faceplate - Ultra Sonic	28.55 0.2 0.09	11.46 10.66 9.96
464030 I EACH	AleEv (formerly MTU) 21091 Lifetime	Faceplate - Waterdrops	28.55 0.2 0.09	11.46 10.66 9.96

Pro Image Faceplates - Nokia 5100 Series

411177 416379 485142 423114 477171 427185 420188 455326 452189 459186 469110

SPEED PLATES

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
411177 I EACH	Pro Image Sports Mrkting SP17N51 I Year	Faceplate - #17 Matt Kenseth. Keymat required for use with 5125/5165 (TESSCO SKU 447099).	30.00 0.2 0.09	19.28 18.23 17.21
NEW **416379** I EACH	Pro Image Sports Mrkting SP08N51 I Year	Faceplate - #8 Dale Earnhardt Jr. Keymat required for use with 5125/5165 (TESSCO SKU 447099).	30.00 0.2 0.09	19.28 18.23 17.21
485142 I EACH	Pro Image Sports Mrkting SP18N51 I Year	Faceplate - #18 Bobby Labonte. Keymat required for use with 5125/5165 (TESSCO SKU 447099).	30.00 0.2 0.09	19.28 18.23 17.21
423114 I EACH	Pro Image Sports Mrkting SP20N51 I Year	Faceplate - #20 Tony Stewart. Keymat required for use with 5125/5165 (TESSCO SKU 447099).	30.00 0.2 0.09	19.28 18.23 17.21
477171 I EACH	Pro Image Sports Mrkting SP28N51 I Year	Faceplate - #28 Ricky Rudd. Keymat required for use with 5125/5165 (TESSCO SKU 447099).	30.00 0.2 0.09	19.28 18.23 17.21
427185 I EACH	Pro Image Sports Mrkting SP29N51 I Year	Faceplate - #29 Kevin Harvick. Keymat required for use with 5125/5165 (TESSCO SKU 447099).	30.00 0.2 0.09	19.28 18.23 17.21
NEW **420188** I EACH	Pro Image Sports Mrkting SP03N51 I Year	Faceplate - #3 Dale Earnhardt. Keymat required for use with 5125/5165 (TESSCO SKU 447099).	30.00 0.2 0.09	19.28 18.23 17.21
NEW **455326** I EACH	Pro Image Sports Mrkting SP40N51 I Year	Faceplate - Sterling Marlin. Keymat required for use with 5125/5165 (TESSCO SKU 447099).	30.00 0.2 0.09	19.28 18.23 17.21
452189 I EACH	Pro Image Sports Mrkting SP06N51 I Year	Faceplate - #6 Mark Martin. Keymat required for use with 5125/5165 (TESSCO SKU 447099).	30.00 0.2 0.09	19.28 18.23 17.21
459186 I EACH	Pro Image Sports Mrkting SP88N51 I Year	Faceplate - #88 Dale Jarrett. Keymat required for use with 5125/5165 (TESSCO SKU 447099).	30.00 0.2 0.09	19.28 18.23 17.21
469110 I EACH	Pro Image Sports Mrkting SP99N51 I Year	Faceplate - #99 Jeff Burton. Keymat required for use with 5125/5165 (TESSCO SKU 447099).	30.00 0.2 0.09	19.28 18.23 17.21

Prime Finish Faceplates - Nokia 5100

416138 472119 457104 440115 442107 466104 415101 456107 469109 458104 466

499113 484106 498100 468124 446156 462104 441111 463140 468181 465135 448

459184 491156 455175 465121 418146 429169 414109

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
416138 I EACH	Prime Finish 10044 I Year	Faceplate - American Flag. Keymat required for use with 5125/5165.	17.15 0.2 0.09
472119 I EACH	Prime Finish 10027 I Year	Faceplate - American Flag.	17.15 0.2 0.09
NEW **457104** I EACH	Prime Finish 10010 30 Days	Faceplate -AUTUMN ORANGE 5165	13.10 0.1 0.05
NEW **440115** I EACH	Prime Finish 10001 30 Days	Faceplate -AZTEC 5165	17.15 0.1 0.05
NEW **442107** I EACH	Prime Finish 10005 30 Days	Faceplate -BLAH 5165	17.15 0.1 0.05
NEW **466104** I EACH	Prime Finish 10008 30 Days	Faceplate -BURL WOOD 5165	15.65 0.1 0.05
NEW **415101** I EACH	Prime Finish 10011 30 Days	Faceplate -CRYSTAL BLUE 5165	13.10 0.1 0.05
NEW **456107** I EACH	Prime Finish 10012 30 Days	Faceplate -FANCY FUSHIA 5165	13.10 0.1 0.05
NEW **469109** I EACH	Prime Finish 10013 30 Days	Faceplate -FOOL'S GOLD 5165	13.10 0.1 0.05
NEW **458104** I EACH	Prime Finish 10014 30 Days	Faceplate -GRAPHITE 5165	13.10 0.1 0.05
NEW **466141** I EACH	Prime Finish 10006 30 Days	Faceplate - Leather look 5165	15.65 0.1 0.05
NEW **499113** I EACH	Prime Finish 10004 30 Days	Faceplate -HONEYCOMB 5165	17.15 0.1 0.05
NEW **484106** I EACH	Prime Finish 10015 30 Days	Faceplate -KISSED ORANGE 5165	13.10 0.1 0.05
NEW **498100** I EACH	Prime Finish 10016 30 Days	Faceplate -LEMON YELLOW 5165	13.10 0.1 0.05
NEW **468124** I EACH	Prime Finish 10017 30 Days	Faceplate -METAL WALNUT 5165	13.10 0.1 0.05
NEW **446156** I EACH	Prime Finish 10007 30 Days	Faceplate -METAL DELTA PEARL 5165	15.65 0.1 0.05
NEW **462104** I EACH	Prime Finish 10018 30 Days	Faceplate -METALIC BLUE 5165	13.10 0.1 0.05
NEW **441111** I EACH	Prime Finish 10019 30 Days	Faceplate -METALIC MARINE 5165	13.10 0.1 0.05
NEW **463140** I EACH	Prime Finish 10020 30 Days	Faceplate -MINT GREEN 5165	13.10 0.1 0.05

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uing product table (2 of 2)

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 181 CH	Prime Finish 10026 30 Days	Faceplate -ORANGE SHERBET 5165	17.15 0.1 0.05	11.61 10.60 9.88
W 135 CH	Prime Finish 10021 30 Days	Faceplate -PALE PURPLE 5165	13.10 0.1 0.05	8.86 8.09 7.54
W 139 CH	Prime Finish 10022 30 Days	Faceplate -PLUM CRAZY 5165	13.10 0.1 0.05	8.86 8.09 7.54
W 184 CH	Prime Finish 10023 30 Days	Faceplate -PRETTY IN PINK 5165	13.10 0.1 0.05	8.86 8.09 7.54
W 156 CH	Prime Finish 10003 30 Days	Faceplate -RAZ-MA-TAZ 5165	17.15 0.1 0.05	11.61 10.60 9.88
W 175 CH	Prime Finish 10024 30 Days	Faceplate -SLEEK SILVER 5165	13.10 0.1 0.05	8.86 8.09 7.54
W 121 CH	Prime Finish 10030 30 Days	Faceplate -SNAKE 5165	15.65 0.1 0.05	10.58 9.66 9.00
W 146 CH	Prime Finish 10002 30 Days	Faceplate -SPEED RACER 5165	17.15 0.1 0.05	11.61 10.60 9.88
W 169 CH	Prime Finish 10025 30 Days	Faceplate -SUN YELLOW 5165	13.10 0.1 0.05	8.86 8.09 7.54
W 109 CH	Prime Finish 10000 30 Days	Faceplate -YADA 5165	17.15 0.1 0.05	11.61 10.60 9.88

Prime Finish 5100 Collegiate Faceplates

412154 417184 423191 499102 489122 436111 465196 411124 494178 416131 491143

478125 494151 435192 430189 431134 469147 485170 464102 439176 475191 479112

412111 461113 446194 484109 498195 456161 493190 478130 463196 499139 417188

441112 430150 492183 440109 492186 431176 426186 431157 433144 441104 451182

496178 472190 437100 426135 477106 480187 418144 467130 453114 481178 491166

491165 418128 494169 453150 437196 445175 484141 462108 441102 422136 459173

461122 430137 414163 438187 445199 481195 490162 435160 440145 450196 491191

457174 493170 498126 478180 429140 492103 476179 424127 484156 495128 421143

448133 454120 435183 484164 431105

Continuing product table (1 of 5)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **421334** 1 EACH	Prime Finish 10090 30 Days	Faceplate - University of Kansas. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW **433332** 1 EACH	Prime Finish 10083 30 Days	Faceplate - University of Kentucky University. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88

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Nokia 5125, 5165

Continuing product table (2 of 5)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 463335 1 EACH	Prime Finish 10089 30 Days	Faceplate - Oklahoma State. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 468313 1 EACH	Prime Finish 10073 30 Days	Faceplate - Oklahoma. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 487327 1 EACH	Prime Finish 10093 30 Days	Faceplate - University of Alabama. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 493335 1 EACH	Prime Finish 10092 30 Days	Faceplate - Western Kentucky University. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 498385 1 EACH	Prime Finish 10087 30 Days	Faceplate - University of Tennessee. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 412154 1 EACH	Prime Finish SKH-492 30 Days	Faceplate - Oregon State	17.15 0.1 0.05	11.61 10.60 9.88
NEW 417184 1 EACH	Prime Finish SKH-311 30 Days	Faceplate - University of Auburn. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 423191 1 EACH	Prime Finish SKH-380 30 Days	Faceplate - Purdue University. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 499102 1 EACH	Prime Finish SKH-493 30 Days	Faceplate - Akron. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 489122 1 EACH	Prime Finish SKH-485 30 Days	Faceplate - Arizona State University. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 436111 1 EACH	Prime Finish SKH-435 30 Days	Faceplate - Arkansas State	17.15 0.1 0.05	11.61 10.60 9.88
NEW 465196 1 EACH	Prime Finish SKH-468 30 Days	Faceplate - Air Force	17.15 0.1 0.05	11.61 10.60 9.88
NEW 411124 1 EACH	Prime Finish SKH-497 30 Days	Faceplate - Army. Not for 6100 Series.	17.15 0.2 0.09	11.61 10.60 9.88
NEW 494178 1 EACH	Prime Finish SKH-495 30 Days	Faceplate - Ball State	17.15 0.1 0.05	11.61 10.60 9.88
NEW 416131 1 EACH	Prime Finish SKH-392 30 Days	Faceplate - Baylor University. Not for 6100 series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 491143 1 EACH	Prime Finish SKH-437 30 Days	Faceplate - Boston College. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 478125 1 EACH	Prime Finish SKH-477 30 Days	Faceplate - Boston University	17.15 0.1 0.05	11.61 10.60 9.88
NEW 494151 1 EACH	Prime Finish SKH-415 30 Days	Faceplate - Brigham Young University	17.15 0.01 0	11.61 10.60 9.88
NEW 435192 1 EACH	Prime Finish SKH-436 30 Days	Faceplate - Boise State	17.15 0.1 0.05	11.61 10.60 9.88
NEW 430189 1 EACH	Prime Finish SKH-369 30 Days	Faceplate - North Carolina State University. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 431134 1 EACH	Prime Finish SKH-317 30 Days	Faceplate - University of Alabama. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 469147 1 EACH	Prime Finish SKH-374 30 Days	Faceplate - University of South Carolina. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 485170 1 EACH	Prime Finish SKH-438 30 Days	Faceplate - East Carolina University	17.15 0.1 0.05	11.61 10.60 9.88
NEW 464102 1 EACH	Prime Finish SKH-510 30 Days	Faceplate - University of Cinncinati. Not for 6100 Series.	17.15 0.25 0.11	11.61 10.60 9.88
NEW 439176 1 EACH	Prime Finish SKH-372 30 Days	Faceplate - Clemson University. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 475191 1 EACH	Prime Finish SKH-457 30 Days	Faceplate - Colorado State	17.15 0.1 0.05	11.61 10.60 9.88
NEW 479112 1 EACH	Prime Finish SKH-395 30 Days	Faceplate - University of Colorado. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 412111 1 EACH	Prime Finish SKH-312 30 Days	Faceplate - Duke University. Not for 6100 Series.	17.15 0.25 0.11	11.61 10.60 9.88

Continuing product table (3 of 5)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW 461113 1 EACH	Prime Finish SKH-476 30 Days	Faceplate - University of Deleware	17.15 0.1 0.05
NEW 446194 1 EACH	Prime Finish SKH-370 30 Days	Faceplate - Florida State University. Not for 6100 Series.	17.15 0.1 0.05
NEW 484109 1 EACH	Prime Finish SKH-475 30 Days	Faceplate - University of Central Florida. Not for 6100 Series.	17.15 0.1 0.05
NEW 498195 1 EACH	Prime Finish SKH-458 30 Days	Faceplate - Fresno State University	17.15 0.1 0.05
NEW 456161 1 EACH	Prime Finish SKH-417 30 Days	Faceplate - Georgetown University. Not for 6100 Series.	17.15 0.1 0.05
NEW 493190 1 EACH	Prime Finish SKH-313 30 Days	Faceplate - Georgia Tech University. Not for 6100 Series.	17.15 0.1 0.05
NEW 478130 1 EACH	Prime Finish SKH-498 30 Days	Faceplate - University of Houston	17.15 0.1 0.05
NEW 430102 1 EACH	Prime Finish 10031 30 Days	Faceplate - Idaho State. Not for 6100 Series.	17.15 0.1 0.05
NEW 459347 1 EACH	Prime Finish 10095 30 Days	Faceplate - North Carolina. Not for 6100 Series.	17.15 0.1 0.05
NEW 463196 1 EACH	Prime Finish SKH-411 30 Days	Faceplate - University of Illinois	17.15 0.1 0.05
NEW 499139 1 EACH	Prime Finish SKH-473 30 Days	Faceplate - N. Illinois	17.15 0.1 0.05
NEW 417188 1 EACH	Prime Finish SKH-450 30 Days	Faceplate - University of Iowa. Not for 6100 Series.	17.15 0.1 0.05
NEW 441112 1 EACH	Prime Finish SKH-444 30 Days	Faceplate - University of Idaho. Not for 6100 Series.	17.15 0.1 0.05
NEW 430150 1 EACH	Prime Finish SKH-449 30 Days	Faceplate - Indiana University. Not for 6100 Series.	17.15 0.1 0.05
NEW 492183 1 EACH	Prime Finish SKH-388 30 Days	Faceplate - University of Kansas. Not for 6100 Series.	17.15 0.1 0.05
NEW 440109 1 EACH	Prime Finish 10029 30 Days	Faceplate - Eastern Kentucky University. Not for 6100 Series.	17.15 0.1 0.05
NEW 492186 1 EACH	Prime Finish SKH-474 30 Days	Faceplate - University of Louisiana-Lafayette	17.15 0.1 0.05
NEW 431176 1 EACH	Prime Finish SKH-463 30 Days	Faceplate - University of Nevada-Las Vegas	17.15 0.1 0.05
NEW 426186 1 EACH	Prime Finish SKH-524 30 Days	Faceplate - Louisiana Tech	17.15 0.1 0.05
NEW 431157 1 EACH	Prime Finish SKH-499 30 Days	Faceplate - University of Louisville	17.15 0.1 0.05
NEW 433144 1 EACH	Prime Finish SKH-316 30 Days	Faceplate - Louisiana State University	17.15 0.1 0.05
NEW 441104 1 EACH	Prime Finish SKH-577 30 Days	Faceplate - University of Maine. Not for 6100 Series.	17.15 0.1 0.05
NEW 451182 1 EACH	Prime Finish SKH-518 30 Days	Faceplate - Marshall University. Not for 6100 Series.	17.15 0.1 0.05
NEW 496178 1 EACH	Prime Finish SKH-368 30 Days	Faceplate - University of Maryland. Not for 6100 Series.	17.15 0.05 0.02
NEW 472190 1 EACH	Prime Finish SKH-500 30 Days	Faceplate - University of Memphis. Not for 6100 Series.	17.15 0.1 0.05
NEW 437100 1 EACH	Prime Finish SKH-508 30 Days	Faceplate - University of Miami. Not for 6100 Series.	17.15 0.1 0.05
NEW 426135 1 EACH	Prime Finish SKH-516 30 Days	Faceplate - Eastern Michigan	17.15 0.1 0.05
NEW 477106 1 EACH	Prime Finish SKH-446 30 Days	Faceplate - Michigan State	17.15 0.1 0.05

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uing product table (4 of 5)

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 187 CH	Prime Finish SKH-379 30 Days	Faceplate - University of Michigan. Not for 6100 Series.	17.15 0.25 0.11	11.61 10.60 9.88
W 144 CH	Prime Finish SKH-501 30 Days	Faceplate - Southern Mississippi	17.15 0.1 0.05	11.61 10.60 9.88
W 130 CH	Prime Finish SKH-383 30 Days	Faceplate - University of Missouri. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
W 114 CH	Prime Finish SKH-578 30 Days	Faceplate - University of Montana	17.15 0.1 0.05	11.61 10.60 9.88
W 178 CH	Prime Finish SKH-515 30 Days	Faceplate - Central Michigan	17.15 0.1 0.05	11.61 10.60 9.88
W 166 CH	Prime Finish SKH-522 30 Days	Faceplate - Western Michigan University	17.15 0.12 0.05	11.61 10.60 9.88
W 165 CH	Prime Finish SKH-377 30 Days	Faceplate - University of Mississippi (Ole Miss). Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
W 128 CH	Prime Finish SKH-479 30 Days	Faceplate - University of North Carolina Charlotte	17.15 0.3 0.14	11.61 10.60 9.88
W 169 CH	Prime Finish SKH-396 30 Days	Faceplate - Nebraska	17.15 0.1 0.05	11.61 10.60 9.88
W 150 CH	Prime Finish SKH-452 30 Days	Faceplate - University of Nevada	17.15 0.1 0.05	11.61 10.60 9.88
W 196 CH	Prime Finish SKH-439 30 Days	Faceplate - New Mexico State University	17.15 0.1 0.05	11.61 10.60 9.88
W 175 CH	Prime Finish SKH-528 30 Days	Faceplate - Notre Dame	17.15 0.1 0.05	11.61 10.60 9.88
W 141 CH	Prime Finish SKH-526 30 Days	Faceplate - Naval Academy	17.15 0.1 0.05	11.61 10.60 9.88
W 108 CH	Prime Finish SKH-521 30 Days	Faceplate - Ohio University. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
W 102 CH	Prime Finish SKH-390 30 Days	Faceplate - Oklahoma State University. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
W 136 CH	Prime Finish SKH-490 30 Days	Faceplate - University of Oregon. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
W 173 CH	Prime Finish SKH-414 30 Days	Faceplate - University of Pittsburgh. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
W 122 CH	Prime Finish SKH-459 30 Days	Faceplate - Rice University. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
W 137 CH	Prime Finish SKH-448 30 Days	Faceplate - Rutgers	17.15 0.1 0.05	11.61 10.60 9.88
W 163 CH	Prime Finish SKH-460 30 Days	Faceplate - San Diego State	17.15 0.1 0.05	11.61 10.60 9.88
W 187 CH	Prime Finish SKH-418 30 Days	Faceplate - Seton Hall University	17.15 0.1 0.05	11.61 10.60 9.88
W 199 CH	Prime Finish SKH-365 30 Days	Faceplate - Southern Methodist University. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
W 195 CH	Prime Finish SKH-419 30 Days	Faceplate - St. John's University. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
W 162 CH	Prime Finish SKH-576 30 Days	Faceplate - University of St. Clouds	17.15 0.1 0.05	11.61 10.60 9.88
W 196 CH	Prime Finish SKH-440 30 Days	Faceplate - University of Syracuse. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
W 160 CH	Prime Finish SKH-367 30 Days	Faceplate - Texas Christian University. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
W 145 CH	Prime Finish SKH-441 30 Days	Faceplate - Temple University	17.15 0.1 0.05	11.61 10.60 9.88
W 196 CH	Prime Finish SKH-453 30 Days	Faceplate - University of North Texas	17.15 0.1 0.05	11.61 10.60 9.88

Continuing product table (5 of 5)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 491191 1 EACH	Prime Finish SKH-462 30 Days	Faceplate - University of Texas El Paso	17.15 0.1 0.05	11.61 10.60 9.88
NEW 457174 1 EACH	Prime Finish SKH-345 30 Days	Faceplate - University of Texas Longhorns. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 493170 1 EACH	Prime Finish SKH-391 30 Days	Faceplate - Texas Tech University. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 498126 1 EACH	Prime Finish SKH-442 30 Days	Faceplate - Tulane University	17.15 0.1 0.05	11.61 10.60 9.88
NEW 478180 1 EACH	Prime Finish SKH-465 30 Days	Faceplate - University of Tulsa. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 429140 1 EACH	Prime Finish SKH-525 30 Days	Faceplate - Middle Tennessee State University. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 492103 1 EACH	Prime Finish SKH-520 30 Days	Faceplate -Toledo, U. of	17.15 0.1 0.05	11.61 10.60 9.88
NEW 476179 1 EACH	Prime Finish SKH-406 30 Days	Faceplate - UCLA. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 424127 1 EACH	Prime Finish SKH-455 30 Days	Faceplate - Utah State University	17.15 0.1 0.05	11.61 10.60 9.88
NEW 484156 1 EACH	Prime Finish SKH-445 30 Days	Faceplate - University of Utah	17.15 0.1 0.05	11.61 10.60 9.88
NEW 495128 1 EACH	Prime Finish SKH-376 30 Days	Faceplate - Vanderbilt University. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 421143 1 EACH	Prime Finish SKH-364 30 Days	Faceplate - University of Virginia. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 448133 1 EACH	Prime Finish SKH-487 30 Days	Faceplate - Washington State. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 454120 1 EACH	Prime Finish SKH-489 30 Days	Faceplate - University of Washington. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 435183 1 EACH	Prime Finish SKH-382 30 Days	Faceplate - University of Wisconsin. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 484164 1 EACH	Prime Finish SKH-466 30 Days	Faceplate - University of Wyoming. Not for 6100 Series.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 431105 1 EACH	Prime Finish SKH-375 30 Days	Faceplate -Wake Forest	17.15 0.1 0.05	11.61 10.60 9.88

Prime Finish NBA Faceplates

484124 425116 436174 470108 445139

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 446104 1 EACH	Prime Finish 10069 30 Days	Faceplate -Atlanta Hawks - Dunk	17.15 0.1 0.05	11.61 10.60 9.88
NEW 494103 1 EACH	Prime Finish 10038 30 Days	Faceplate -Charlotte Hornets - Dunk.KTA - 2 Key Mat Needed for the 5125/65.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 420146 1 EACH	Prime Finish 10056 30 Days	Faceplate -Chicago Bulls - Dunk	17.15 0.1 0.05	11.61 10.60 9.88
NEW 412101 1 EACH	Prime Finish 10048 30 Days	Faceplate -Dallas Mavericks - Dunk	17.15 0.1 0.05	11.61 10.60 9.88
NEW 428113 1 EACH	Prime Finish 10042 30 Days	Faceplate -Houston Rockets - Dunk	17.15 0.1 0.05	11.61 10.60 9.88
NEW 465108 1 EACH	Prime Finish 10035 30 Days	Faceplate -Houston Rockets - Team Color.KTA - 2 Key Mat Needed fot the 5125/65.	17.15 0.1 0.05	11.61 10.60 9.88

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 484124 1 EACH	Prime Finish 10067 30 Days	Faceplate -Indiana Pacers - Dunk.KTA - 2 Key Mat Needed for the 5125/65.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 425116 1 EACH	Prime Finish 10057 30 Days	Faceplate -L.A. Lakers - 2001 Champs	17.15 0.1 0.05	11.61 10.60 9.88
NEW 472121 1 EACH	Prime Finish 10041 30 Days	Faceplate -L.A. Lakers - Dunk.KTA - 2 Key Mat Needed for the 5125/65.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 454117 1 EACH	Prime Finish 10049 30 Days	Faceplate -N.Y. Knicks - Dunk.KTA - 2 Key Mat Needed for the 5125/65.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 436174 1 EACH	Prime Finish 10060 30 Days	Faceplate -Philadelphia 76ers - Dunk	17.15 0.1 0.05	11.61 10.60 9.88
NEW 470108 1 EACH	Prime Finish 10059 30 Days	Faceplate -Philadelphia 76ers - Team Color.KTA - 2 Key Mat Needed for the 5125/65.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 460105 1 EACH	Prime Finish 10040 30 Days	Faceplate -Sacramento Kings - Dunk.KTA - 2 Key Mat Needed fot the 5125/65.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 448103 1 EACH	Prime Finish 10036 30 Days	Faceplate -Sacramento Kings - Team Color	17.15 0.1 0.05	11.61 10.60 9.88
NEW 445139 1 EACH	Prime Finish 10062 30 Days	Faceplate -San Antonio Spurs - Dunk	17.15 0.1 0.05	11.61 10.60 9.88
NEW 461108 1 EACH	Prime Finish 10039 30 Days	Faceplate -Utah Jazz - Dunk.KTA - 2 Key Mat Needed for the 5125/65	17.15 0.1 0.05	11.61 10.60 9.88

Prime Finish WNBA Faceplates

422128 418130 415102

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 420141 1 EACH	Prime Finish 10032 30 Days	Faceplate -Cleveland Rockers - Team Color	17.15 0.1 0.05	11.61 10.60 9.88
NEW 422128 1 EACH	Prime Finish 10063 30 Days	Faceplate -Houston Comets - 4-Time Champs	17.15 0.1 0.05	11.61 10.60 9.88
NEW 418130 1 EACH	Prime Finish 10065 30 Days	Faceplate -Houston Comets - Dunk	17.15 0.1 0.05	11.61 10.60 9.88
NEW 415102 1 EACH	Prime Finish 10064 30 Days	Faceplate -Houston Comets - Team Color	17.15 0.1 0.05	11.61 10.60 9.88
NEW 486113 1 EACH	Prime Finish 10052 30 Days	Faceplate -Indiana Fever - Dunk.KTA - 2 Key Mat Needed for the 5125/65.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 494116 1 EACH	Prime Finish 10051 30 Days	Faceplate -L.A. Sparks - Dunk.KTA - 2 Key Mat Needed for the 5125/65.	17.15 0.1 0.05	11.61 10.60 9.88
NEW 452168 1 EACH	Prime Finish 10050 30 Days	Faceplate -L.A. Sparks - Team Color .KTA - 2 Key Mat needed for the 5125/65	17.15 0.1 0.05	11.61 10.60 9.88
NEW 452120 1 EACH	Prime Finish 10075 30 Days	Faceplate -N.Y. Liberty - Dunk	17.15 0.1 0.05	11.61 10.60 9.88
NEW 417100 1 EACH	Prime Finish 10033 30 Days	Faceplate -N.Y. Liberty - Team Color	17.15 0.1 0.05	11.61 10.60 9.88
NEW 466107 1 EACH	Prime Finish 10053 30 Days	Faceplate -Sacramento Monarchs - Dunk.KTA - 2 Key Mat Needed fot the 5125/65.	17.15 0.1 0.05	11.61 10.60 9.88

AleEv Faceplates Nokia 3390

459377 469378 472333 493321 499314

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW 459377 1 EACH	AleEv (formerly MTU) 21994 month Ltd. Lifetime	Bright Yellow "laser" keypad	8.45 0.25 0.11
NEW 469378 1 EACH	AleEv (formerly MTU) 21989 month Ltd. Lifetime	Sky Blue "laser" keypad	8.45 0.25 0.11
NEW 472333 1 EACH	AleEv (formerly MTU) 21986 month Ltd. Lifetime	Red "laser" keypad	8.45 0.25 0.11
NEW 493321 1 EACH	AleEv (formerly MTU) 21984 month Ltd. Lifetime	Crystal Clear keypad	8.45 0.25 0.11
NEW 499314 1 EACH	AleEv (formerly MTU) 21985 month Ltd. Lifetime	Purple "laser" keypad	8.45 0.25 0.11

FPF Fun Friends

417318 425345 440370

441386 454305 472388

474325 481374 482389 4863

488341 490397 491340

499325

Fun Friends are leading the way with adorable characters t
new attitude to these otherwise dull products. Fun Friend
perfect match for all who enjoy plush characters ranging
Funky the Monkey to Tadpole our Lime Green Frog.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW 417318 1 EACH	funphonefriend.com A-05 30 days	Fun Friends phone cover. Tapole Frog	15.00 0.32 0.15
NEW 425345 1 EACH	funphonefriend.com A-01 30days	FunFriends phone cover. Bully-Bulldog	15.00 0.32 0.15

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ing product table (2 of 2)

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
V 70 CH	funphonefriend.com A-22 30 days	Fun Friends Funky- Monkey	15.00 0.32 0.15	6.50 5.75 5.21
V 86 CH	funphonefriend.com A-3 30 days	Fun Friends phone covers. Floppy Reg	15.00 0.32 0.15	6.50 5.75 5.21
V 05 CH	funphonefriend.com A-19 30 days	FunFriends phone cover. ALI- Aligator	15.00 0.32 0.15	6.50 5.75 5.21
V 88 CH	funphonefriend.com A-17 30 days	FunFriends phone cover. Beary- Lavender Bear	15.00 0.32 0.15	6.50 5.75 5.21
V 25 CH	funphonefriend.com A-27 30 days	Fun Friends phone cover. Santa	15.00 0.32 0.15	6.50 5.75 5.21
V 74 CH	funphonefriend.com A-15 30 days	Fun Friends phone covers. Dangles- Dog Hanging Legs	15.00 0.32 0.15	6.50 5.75 5.21
V 89 CH	funphonefriend.com A-24 30 days	Fun Friends phone covers. Munchie- Manatee	15.00 0.32 0.15	6.50 5.75 5.21
V 59 CH	funphonefriend.com A-10 30 days	Fun Friends phone covers. Kit Kat- Cat	15.00 0.32 0.15	6.50 5.75 5.21
V 41 CH	funphonefriend.com A-7 30 days	Fun Friends phone cover. Larry -Lobster	15.00 0.32 0.15	6.50 5.75 5.21
V 97 CH	funphonefriend.com A-21 30 days	Fun Friends phone covers. Cheeser- Mouse	15.00 0.32 0.15	6.50 5.75 5.21
V 40 CH	funphonefriend.com A-09 30 days	Fun Friends phone covers. Oinky- Pig	15.00 0.32 0.15	6.50 5.75 5.21
V 25 CH	funphonefriend.com A-20 30 days	Fun Friends phone covers. Moo Moo- Cow	15.00 0.32 0.15	6.50 5.75 5.21

Chargers, Desk Top, Travel [305-60]

kia Chargers

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

2531

gers used with Desk Top Charging Stands or battery charger adapters. Plugs into 120V outlet.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1 CH	Nokia ACP-7U Limited Lifetime	Travel Charger for 32/33/51/61/63/64/71/83/8800 phones.	13.00 0.3 0.14	5.54 5.36 5.34
V 45 CH	Nokia ACP-12U Limited Lifetime	Travel Charger for Nokia 9290, 6360, 6340, 6310, 7210, 7290, 8390.	24.95 0.3 0.14	14.53 14.04 13.98
V 81 CH	Nokia ACP-7E Limited Lifetime	European Travel Charger For 8550 and 3210.	13.00 0.3 0.14	5.04 4.86 4.84
V 58 CH	Nokia ACP-8E Limited Lifetime	European Rapid Travel Charger For 8850 and 3210.	19.95 0.4 0.18	12.59 12.15 12.10

kia Desk Top Charging Stands

Desktop charging stand for Nokia Cellular phones. Provides a convenient way to charge the phone and connect for data. Used with an external power supply (different power supplies for fast charging, trickle charging, or automotive charging). REQUIRES TRAVEL CHARGER (sold separately).

6

ing product table (1 of 2)

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
V 98 CH	Nokia DCH-8 1 year	Single Port Desktop Charging Stand Only.	15.00 0.2 0.09	6.84 6.60 6.57

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 423159 1 EACH	Nokia 0273052 1 year	Connectivity Stand Only.	34.00 0.35 0.16	15.10 14.58 14.52
NEW 475176 1 EACH	Nokia 0080438 1 year	Connectivity Kit. Includes the DCH-8D Connectivity Stand and the DLR-3P Data Cable.	50.00 1 0.45	35.95 34.70 34.55
96566 1 EACH	Nokia DCH-9 1 year	Dual Port Desktop Charging Stand Only.	29.95 0.25 0.11	19.78 19.09 19.01

Wireless Solutions Travel Charger

93302

- Plugs into any 110 volt outlet
- Use your phone while it is charging
- Rapid Charges batteries in about 2-4 hours
- Attractive retail packaging that promotes self selection and consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
93302 1 EACH	Wireless Solutions 93302 Lifetime	Travel Charger	8.65 0.56 0.25	6.34 5.14 3.95

Cases for Portable Cellular Phones [310-10]

Nokia OEM Phone Cases

489188 17626

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 467194 1 EACH	Nokia CSY-4 Length of Ownership	Active Mesh Carry Case Red	29.95 0.3 0.14	22.07 21.32 21.23
489188 1 EACH	Nokia CSF-1 Length of Ownership	Glove leather case with belt clip. Retail packaged. Black	14.95 0.17 0.08	7.91 7.65 7.62
17626 1 EACH	Nokia CSL-1 Length of Ownership	Leather Case. Retail packaged. Black	14.95 0.17 0.08	7.91 7.65 7.62

MTU Pouch Style Cases

MTU Wireless Horizontal Pouch Style Cases. These cases are great for active people. Your belt slides easily through the belt loop in the back of the case allowing your wireless phone to rest securely on its side. Great for hiking, running and biking. Retail packaged.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 495312 1 EACH	AleEv (formerly MTU) 21673 Limited Lifetime	Horizontal Pouch Style Leather Case with Integrated Belt Loop and Clip. Retail packaged. Black	25.70 0.1 0.05	10.31 9.59 8.96

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Nokia 5125, 5165

Superior Communications Cases

39576

Superior Communications cases feature a handcrafted, custom-fit that will protect and enhance your cellular phone. Belt clip and carry strap included.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
39576 1 EACH	Superior Comm. 23008 3 Years	Leather case. Vinyl face. Retail packaged. Black	8.00 0.14 0.06	3.83 3.69 3.60

Wireless Solutions Cases

18821 93956

- High quality leather
- Nylon stitching
- Leather covered rust resistant spring clip
- Mylar plastic that will not yellow or crack
- Environmentally tested to ensure durability
- Attractive retail packaging that promotes self selectionand consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
18821 1 EACH	Wireless Solutions 479142U 1 Year	Leather Case with built-in swivel and belt clip. Retail packaged. Black	11.60 0.18 0.08	7.50 6.87 6.30
93956 1 EACH	Wireless Solutions 93956 Lifetime	Leather case with full vinyl face. Retail packaged. Black	11.60 0.18 0.08	7.50 6.87 6.30

Wireless Solutions Phone Holsters

418160

- Phone Holster can ratchet 180 degrees.
- Phone sits firmly in place inside of holster.
- Holster is manufactured with high-impact plastic.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
418160 1 EACH	Wireless Solutions 484194U 1 Year	Ratcheting Phone Holster Black	7.75 0.3 0.14	5.51 4.66 3.60

Waterproof Cases, Belt Clips [310-60]

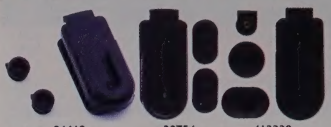
Belt Clips for Nokia Phones

17654

Belt clips designed to conveniently snap onto the phone to securely hold it in place. Holds the phone without the need for a leather carry case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
17654 1 EACH	Nokia BCH-12U 90 days	Belt Clip Black	9.00 0.18 0.08	3.80 3.48 3.15

Wireless Solutions Beltclips



26612 30754 413338

Belt clips designed to conveniently s onto the phone to securely hold it i place. Holds the phone without the for a leather carry case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T
26612 1 EACH	Wireless Solutions 26612 Lifetime	Belt Clip - Nokia 3200,5100,6100 Series Only Black	6.80 0.18 0.08	
30754 1 EACH	Wireless Solutions 30754 Lifetime	Universal Belt Clip includes three different swivels with 3M adhesive. Black	6.80 0.18 0.08	
NEW 413338 1 EACH	Wireless Solutions 458379U Lifetime	Universal Belt Clip includes two swivels with 3M adhesive. Black	6.80 0.18 0.08	

Hands Free Kits, Mics, Headsets [262-09]

Nokia Handsfree Kit

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories match the specific requirements of their phones, satisfy the most demanding customer. You can trust the high q and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
NEW 86394 1 EACH	Nokia HFU-2 BULK	NOKIA Junction box for CARK-91.	92.00 0.29 0.13	6 6 6

Complete Nokia Car Kits

18531 71434

NOKIA Handsfree Installation Kit for permanent mou in a vehicle. Allows you to convert your portable phon into a complete in-car phone. Provides hands-free, ext antenna connection, external speaker, fast charger and mounting hardware.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
18531 1 EACH	Nokia CARK-91US 3 Year	Complete handsfree car kit. Professional install recommended. External antenna connection terminates with an FME connector. Kit includes an FME to Mini-UHF adapter. Also includes active cradle (MCC-1) junction box (HFU-2),	138.00 2.4 1.09	9 9 9
71434 1 EACH	Nokia PCH-4j 1 Year	Replacement power cable for the CARK-91 car installation kit.	15.00 0.27 0.12	1 1 1

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mplete Nokia Car Kits

76032 86748 87764

KIA Handsfree Installation Kit for permanent mounting in a vehicle. Lets you convert your table phone into a complete in-car phone. Provides hands free, external antenna connec-, external speaker, fast charger, handest and mounting hardware.

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
32 CH	Nokia CARK-91H 3 Year	Complete handsfree car kit. Professional install recommended. External antenna connection terminates with an FME connector. Kit includes an FME to Mini-UHF adapter (SKU 26325). Also includes active cradle (MCC-1) junction box	158.00 2.8 1.27	113.61 109.66 109.18
48 CH	Nokia AXR-2 1 yr	Cable for use with the CARK-91 when using the NRM-1 Plus Module with a 5190 or 6190 phone.	45.50 0.45 0.2	32.72 31.58 31.45
64 CH	Nokia MCC-1 BULK 1 Year	Replacement active cradle for CARK-91.	46.00 1 0.45	33.08 31.93 31.79

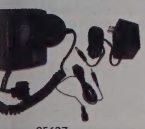
arteq Handsfree Kits

453100

Smarteq handsfree car kits use patented antenna coupling technology for the newest wireless phones that use inductive antennas. Each kit terminates in an FME male connector.

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
100 CH	Smarteq 70437 1 Year	Installed Handsfree Car Kit	197.75 2.3 1.05	124.95 119.55 112.50

perior Dock & Talk HF Kit



85627

Automotive and desktop speakerphone system designed for today's mobile professional. Provides hands-free conversation and continuous charging capability. For use in vehicle, home, or office. CDMA, TDMA, and analog compatible. Speakerphone/Adapter (included) easily and securely connects to either vehicle cigarette-lighter socket or desktop dock.

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
27 CH	Superior Comm. 329 3 Year	Dock & Talk Mobile/Desktop Handsfree Kit	81.75 2.54 1.15	39.08 37.64 36.78

Headsets [262-10]

earvox Headset Adapter*

89919

Clearvox headset adapter plugs into the bottom of the phone. The headset then plugs into the adapter. Use with any Clearvox headset.

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
19 CH	ClearVox Communications CS-N61 1 Year	Headset adapter	25.55 0.2 0.09	16.97 13.31 12.77

Jabra In-the-Ear Headset

The JABRA Corporation's headset features an innovative all-in-the-ear speaker and microphone. Built-in noise reduction technology for clear transmissions. Totally portable and digital-ready. Four-foot cable, six EarGels and standard 2.5 mm plug for direct connection to mobile phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
35018 1 EACH	Jabra Corporation ESNOK51/61/71302 1 year	Earset	29.95 1 0.45	17.08 14.98 14.68

Jabra EarBoom Headset

429096

"Fits-your-face," flexible mini-boom is comfortable and non-intrusive. For those who need to talk and listen "on the move." The custom-fit EarGel channels sound into your ear for great reception.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
429096 1 EACH	Jabra Corporation EMNOK51/61/ 710300 1 year	EarBoom Headset With In-Line On/Off Button.	24.95 0.3 0.14	14.23 12.48 12.23

Jabra EarBud Headset

467078

The JABRA EarBud is the most cost-effective, JABRA solution for mobile phone users wanting a hands-free alternative at a value price. The JABRA EarBud uses the patented EarGel for a secure fit and contemporary styling. Unlike the EarSet and Ear Boom solutions, the EarBud integrates the microphone as part of the cable leading from the ear to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
467078 1 EACH	Jabra Corporation EBNOK51/61/ 710302 1 Year	EarBud Headset	13.25 0.15 0.07	7.56 6.63 6.50

Jabra Earboom Winder

495157

The EarBoom Winder gives you a tangle-free solution to handsfree communication. Talk handsfree when you're on the go, then retract the cord and stow the EarBoom at the touch of a button.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 495157 1 EACH	Jabra Corporation EMWINDERNOK5 1302 1 Year	EarWinder Headset. Retail packaged.	34.90 0.35 0.16	19.90 17.45 17.11

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Nokia 5125, 5165

MTU Headset

89244

MTU "Bud" type hands-free earphone/ microphone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
89244 1 EACH	AleEv (formerly MTU) 91058 LtdLife	MTU "Bud" type hands-free earphone/ microphone. Phone adapter is included.	19.95 0.1 0.05	8.01 7.44 6.95

NOKIA Hands Free Headsets

61519

Nokia handsfree headset kit. Allows handsfree operation of phone. Includes "bud" type earpiece and an active button that can answer or end a call without opening the phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
61519 1 EACH	Nokia HDC-9P 3 year	Hands free headset kit. Bulk packaged.	21.95 0.17 0.08	8.41 8.14 8.11

Nokia Headset Kit

Nokia headset kit. Includes a intergrated earpiece and microphone for handsfree conversations and a cord mounted answer/end button for convenience. Special 2.5mm jack that only works with the Nokia 8860.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 467141 1 EACH	Nokia HDE-1 3 Year	Headset Kit. No answer/end button	7.40 0.35 0.16	5.83 5.64 5.62

NOKIA Headset with Belt Clip

46328

Nokia handsfree headset with a belt clip. Includes:"bud" type earpiece that plugs into the ear and allows handsfree operation. Answer/end button is located in the microphone. Belt clip holds the phone on your belt/ waist.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
46328 1 EACH	Nokia HDC-9K 3 year	Handsfree headset kit with belt clip for Nokia 5100/ 6100 series.	17.30 0.2 0.09	12.44 12.01 11.96

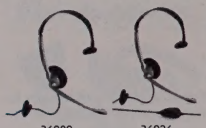
Inductive Loop for Hearing Aids

53969

Nokia inductive loop for hearing impaired users. Easy to use device for smo interaction between T-coil equipped hearing aid and a portable NOKIA pho Consists of a wire loop that goes around the user's neck and connects to th tom of the phone. Loopset transmits speech from the phone to the aid.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
53969 1 EACH	Nokia LPS-1 1 Year	Inductive loop for Hearing Aids.	69.95 0.5 0.23	4 4 4
NEW 411167 1 EACH	Nokia HDA-8 1 Year	TTY/TDD Phone Adapter.. Comply with TSB121 industry standard. "Cellular Ready" TTY devices need the HDA-8 cable connection to work successfully with Nokia products.TTY capable Nokia phones are capable of VCO (voice carry over) transmission. However this must be done on a VCO capable TTY. Mor information location in TFAX.	6.00 0.22 0.1	3 3 3

Plantronics Over-The-Head Headsets



36909 36926

All Plantronics over-the-head wireless phone headsets fe a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch clothing clip. The 2.5mm plug connects directly into the h set port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
36909 1 EACH	Plantronics M110 1 Year	Flexible headband on this over-the-head headset provides stability and comfort.	24.20 0.4 0.18	1 1 1
36926 1 EACH	Plantronics M114 1 Year	Flexible headband on this over-the-head style headset provides stability and comfort. Includes in-line volume control.	26.80 0.4 0.18	1 1 1

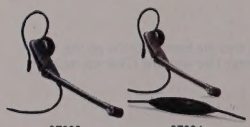
Plantronics Over-The-Ear Headsets

36954 36981

All Plantronics over-the-ear wireless phone headsets feature noise-cancelling microphone, RF noise shielded cable, advan speaker technology, microphone-adjust switch and a clothin Available in a standard 2.5mm plug or hard-wired for specifi Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
36954 1 EACH	Plantronics M120 1 Year	Lightweight comfort in an over-the-ear style headset.	24.20 0.25 0.11	1 1 1
36981 1 EACH	Plantronics M124 1 Year	Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80 0.24 0.11	1 1 1

Plantronics In-The-Ear Headsets



37000 37004

All Plantronics in-the-ear boom-style wireless ph headsets feature a noise-cancelling microphone, R noise shielded cable, advanced speaker technolog microphone-adjust switch and a clothing clip. Avai in a standard 2.5mm plug or hardwired for specifi Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
37000 1 EACH	Plantronics M140/CHARCOAL 1 Year	Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11	2 2 2
37004 1 EACH	Plantronics M145 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11	2 2 2

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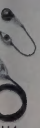
ntronics Headset Adapter

75407

Plantronics headset adapter plugs into the bottom of the phone. The headset then plugs into the adapter. Use with any Plantronics headset. Can be used with many headsets that have a 2.5mm plug.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
07 CH	Plantronics WTA-NK610 1 year	Headset adapter	12.55 0.25 0.11	8.34 6.54 6.27

ntronics Discreet Earbud Headsets



114

All Plantronics earbud headsets for wireless phones feature Flexfit(TM) design for increased stability, RF noise shielded cable, advanced speaker technology, and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
14 CH	Plantronics M205 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09	19.59 15.36 14.73

ntronics Convertible Headsets

37022 37030

All Plantronics convertible style wireless phone headsets feature a noise-canceling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
22 CH	Plantronics M170 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18	31.25 24.50 23.50
10 CH	Plantronics M175 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22	35.16 27.57 26.44

akEasy Over-the-Ear Headset

Superior Communications SpeakEasy Headset offers a quality, affordable handsfree solution. Fits over either ear. Speaker rests comfortably outside ear. Boom microphone swivels into position. Lightweight and easy to wear.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
00 CH	Superior Comm. 22852 3 years	SpeakEasy Over-the-Ear Headset. Phone adapter is included.	18.05 0.15 0.07	8.62 8.30 8.11

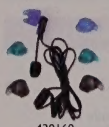
Wireless Solutions In The Ear Headset

94174

The Wireless Solutions headset features an innovative all-in-the-ears-peaker and microphone. Built-in noise reduction technology for clear transmissions. Totally portable and digital-ready. Includes four foot cable and six EarGels.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
94174 1 EACH	Wireless Solutions 94174 Lifetime	Handsfree headset. Phone adapter is included.	30.00 0.15 0.07	17.58 15.48 15.18

Wireless Solutions EarBoom Headset



430160

Wireless Solutions In The Ear headset features a boom mic. Comfortable. Provide good mic sound as well as in the ear speaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
430160 1 EACH	Wireless Solutions 458047U Lifetime	Earboom Headset	31.00 0.4 0.18	24.81 18.61 9.31

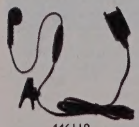
Wireless Solutions EarBud Headset

410180

The Wireless Soluitons EarBud is the most cost-effective, solution for mobile phone users wanting a hands-free alternative at a value price. The EarBud integrates the microphone as part of the cable leading from the ear to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
410180 1 EACH	Wireless Solutions 440061U Lifetime	Earbud Headset	27.00 0.4 0.18	12.09 10.09 8.09

Wireless Solutions Bud Headset



446119

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **446119** 1 EACH	Wireless Solutions 428156U 1 Year	Bud Headset	7.75 0.35 0.16	5.27 4.22 3.60

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Portable Cellular Phone Accessory Kit [262-50]

Wireless Solutions Starter Kits

31124

Starter Kits include a glove leather fitted case and a vehicle power adapter. Wireless Solutions Retail Packaging.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
31124 1 EACH	Wireless Solutions 31124 Lifetime	Starter Kit. Includes open face leather case and vehicle power adapter. Wireless Solutions retail packaging. Lifetime Warranty.	33.00 0.4 0.18	13.90 11.92 9.90

Data Interfaces for Portable Phones [260-12]

Nokia Data Cables

17282

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
17282 1 EACH	Nokia DAU-9P	Data cable for e-mail, faxes, and short message service. Must be used with Data Suite software.	34.95 0.25 0.11	23.73 22.91 22.81

Mounting Plates, Cradles, Holders [150-40]

Nokia Phone Cradles

70464

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
70464 1 EACH	Nokia MBC-1 Lifetime	Nokia 5100/6100 phone cradle. Holds phone in place while charging with the cigarette lighter adapter. Mounting plate and hardware included.	14.00 0.35 0.16	8.28 8.00 7.94

The Portable Solution PS-1324

454079

The Portable Solution by Pro.Fit International incorporates a simple button design for easy one-hand operation. It installs in seconds with 3M acrylic foam tape for superior adhesion, but can be removed without leaving any residue. The complete system includes swivel belt clip, Nokia button, round and oblong adhesive back buttons and surface preparation supplies. This holder will also work with a case with a built-in belt clip. Retail peg hook package with a color information card.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
454079 1 EACH	Pro.Fit International PS-1324 Lifetime	The Portable Solution PS-1324.	10.95 0.16 0.07	6.96 6.79 6.61

MTU Passive Holders

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
17841 1 EACH	AleEv (formerly MTU) 22148 1 year	Passive Holder for Nokia 5100/6100 series phones.	14.20 1 0.45

External Antenna Kits for Portables [362-40]

Wireless Solutions Antenna Cables

444380 412364

Wireless Solutions Antenna Cables and Antenns

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW **444380** 1 EACH	Wireless Solutions 454106U 1 Year	Dual Band Mini-Magnetic Mount Antenna connects to RF adapter.	19.70 0.25 0.11
NEW **412364** 1 EACH	Wireless Solutions 429108U 1 Year	Antenna Adapter Cable. Nokia 3285, 5100 series. Use Dual Band Mini Mag-Mount Antenna SKU# 444380.	11.00 0.25 0.11

Antenna Specialists Talk Around (R)

43996

Antenna Specialists Talkaround dual band 824-894 MHz (cellular) and 18 1990 (PCS) magnet mount antenna allows you to receive the benefit of external antenna without the expense of a car kit. Antenna is 4.75" long base of 1.1". Includes 8.25' of RG174 cable with connector.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
43996 1 EACH	Antenna Specialists ASPDM1944/CP Lifetime	Dual band magnetic antenna for Nokia 3285,5110,5120,5160,5162,5190,6110,6120,6160,6162 and 6190 series. Retail packaged.	42.50 1.5 0.68

ClearTalk Charger w/Ant. Connect

Superior Communications ClearTalk is a saver/ch that charges your phone's battery. It includes an h male connector for an external antenna. It can als purchased with a unity gain mini magnet mount an to provide greater signal strength and improved p mance.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
54276 1 EACH	Superior Comm. 22819 3 Year	ClearTalk with unity gain magnetic mount antenna Nokia 5100/6100 series. Not for 5185. Includes FME/F-TNC/F adapter.	61.05 0.5 0.23
97127 1 EACH	Superior Comm. 22818 3 Year	ClearTalk with external antenna connectionfor Nokia 5100/6100 series. Includes FME/F-TNC/F adapter.	40.80 0.42 0.19

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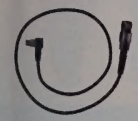
Cellular Antenna Couplers [362-41]

tenna Specialists Talkaround Cable

Antenna Specialists RF Link cables allow easy connection to an external antenna to improve the phone's performance. 48" cables attaches directly to the phone and terminates in an SAP/FME male connector.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
870 ACH	Antenna Specialists K346 Lifetime	Fits Ericsson 700 series	20.65 0.1 0.05	10.94 10.11 9.91
386 ACH	Antenna Specialists K345 Lifetime	Fits Ericsson 200/300/600 series	20.65 0.1 0.05	10.94 10.11 9.91
865 ACH	Antenna Specialists K344 Lifetime	Fits Nokia 3285/5100/ 6100 series.	20.65 0.07 0.03	10.94 10.11 9.91

learConnect Cables



ClearConnect cables allow easy connection to an external antenna to improve the phone's performance. 12" cable attaches directly to the phone and terminates in a TNC female connector.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
763 ACH	Superior Comm. 23043 3 Year	Fits Nokia 3285,5100/6100 series (not 5185 phone). Has brace that grips phones antenna for added support.	14.15 0.1 0.05	6.76 6.52 6.37

earConnect with Antenna

68265

ClearConnect reduces dropped calls and improves your signal strength. Links your phone to a dual band mini magnet antenna that easily attaches to your vehicle.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
265 ACH	Superior Comm. 22845 3 Year	Fits Nokia 3285/5100 series (only). Not for 5185.	34.45 0.25 0.11	16.45 15.85 15.49

eEv (formerly MTU) RF Antenna Adapters

28009

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
009 ACH	AleEv (formerly MTU) 40147 3 Year	Rf adaper has brace to grip phone antenna for support. Fits Nokia 3285/5100/6100 series. Not compatible with 5185. Antenna not included.	28.55 0.13 0.06	11.46 10.66 9.96

Compatible Phone Models:

- Nokia 6110
- Nokia 6120
- Nokia 6120 TDMA 800 ANALOG
- Nokia 6130
- Nokia 6150 GSM900
- Nokia 6160
- Nokia 6160 TDMA
- Nokia 6161
- Nokia 6162
- Nokia 6185 TRIMODE
- Nokia 6190 GSM 1900
- Nokia 6192

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

Nokia Portable Phone Batteries

470073 432080 419030 17658 17671

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 427169 1 EACH	Nokia BPS-2 1 Year	Replacement Battery Black 1100 mAh Lithium Polymer Provides up to 6 hours talk-time/ 12 days standby time.	54.95 0.2 0.09	30.70 29.65 29.53
470073 1 EACH	Nokia BPS-1 1 Year	Replacement Battery Black 600 mAh Lilo Polymer Provides up to 3 hours talk-time/ 6 days standby time.	40.00 0.2 0.09	24.95 24.10 24.00
432080 1 EACH	Nokia BMS-2S 1 Year	Replacement Battery Black 900 mAh NiMH Provides 1-5 hours of talk time, 30-216 hours standby. Black.	24.95 0.25 0.11	12.73 12.30 12.25
419030 1 EACH	Nokia BLS-4 1 Year	Replacement Battery Black 1500 mAh Lilo Provides 5-8 hours of talk time, 100-450 hours standby. Black.	40.00 0.35 0.16	22.07 21.32 21.23
17658 1 EACH	Nokia BMS-2V 1 Year	Replacement Battery VIBRATING 900 mAh NiMH Provides 1-5 hours of talk time, 16-225 hours standby. Black.	24.00 0.25 0.11	17.76 17.16 17.09
NEW 17671 1 EACH	Nokia BLS-2N 1 Year	Replacement Battery Black 1050 mAh Lilo ANALOG 45-85 minutes/ 10-15 hours	28.00 0.25 0.11	20.64 19.94 19.85

Wireless Solutions Batteries

18546 82209

- High Quality, Great Value
- Available with merchandising system that drives multiple and repeat purchases to improve overall profitability
- Attractive retail packaging that promotes self selection and consumer education

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
18546 1 EACH	Wireless Solutions 439192U Lifetime	Vibrating Battery. Black 900 mAh Lilo Provides 1-5 hours of talk time, 16-225 hours standby.	30.55 0.25 0.11	21.52 17.51 15.76

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Nokia 6100 Series

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
82209 1 EACH	Wireless Solutions 487183U Lifetime	Replacement Battery Black 900 mAh Lilo Provides 1-5 hours of talk time, 16-225 hours standby.	30.55 0.25 0.11	21.52 17.51 15.76

Vehicle Power Adapters [275-10]

Nokia (OEM) Vehicle Power Adapters

12634

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories. These products are used by directly plugging onto the phone without removing the battery. Provides power to the phone and charges the battery at the same time.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
12634 1 EACH	Nokia LCH-9 Lifetime	Vehicle Power Adapter. Retail Packaged.	19.95 0.32 0.15	7.63 7.39 7.34

Wireless Solutions Vehicle Power Adapter

16647

Wireless Solutions Vehicle adapters are a great value, and high quality. Quality tested cable returns to original shape after multiple stretches. Attractive retail packaging.

- Variable rate charging for safety & convenience (no overcharging)
- Enough current to make a call with a discharged battery
- Attractive retail packaging that promotes self selection and consumer education
- Available with revolutionary merchandising system that drives multiple and repeat purchase to improve overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
16647 1 EACH	Wireless Solutions 16647 1 Year	Vehicle Power Adapter. Retail Packaged.	23.00 0.35 0.16	7.24 5.91 4.60

Superior Cellular Vehicle Power Adapters

53461

Superior Communications eliminator/chargers plug directly into the phone without removing the battery. Featuring the latest in technology, they will power the phone and charge the battery.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
53461 1 EACH	Superior Comm. 22821 3 Years	Vehicle Power Adapter. Retail Packaged.	14.15 0.3 0.14	6.76 6.52 6.37

Battery Conditioning Units [305-10]

SCP Maximizer Dual Port Charger

15068

Superior Cellular Products Maximizer lightweight charger is a dual port charger that allows you to charge your phone and a spare battery. Both ports feature charging status indicator lights. The Maximizer's smart microprocessor distinguishes between NiMH and Li-Ion batteries, charging each to the optimal level. Each charger includes UL/CSA AC adapter and can charge a standard battery in 90 minutes or less. Rear slot conditions batteries.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
15068 1 EACH	Superior Comm. 22886 3 Year	Dual Port Charger	34.65 1.36 0.62	16.56 15.95 15.58

SCP IMaximizer Dual Port Charger

22789 22770

Superior Cellular Products IMaximizer lightweight charger is a
port charger that allows you to charge your phone and a spar
tery. Both ports feature charging status indicator lights. The IM
mizer's smart microprocessor distinguishes between NiMH an
lon batteries, charging each to the optimal level. Each charger
includes UL/CSA AC adapter and can charge a standard batter
90 minutes or less. Rear slot conditions batteries. Available in
tric colors.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
22789 1 EACH	Superior Comm. 00230 3 YEARS	Conditioning Charger - Electric Aqua	34.65 1.24 0.56	1 1 1
22770 1 EACH	Superior Comm. 00228 3 YEARS	Conditioning Charger - Electric Yellow	34.65 1.3 0.59	1 1 1

Face Plates [311-10]

Nokia 6100 Series Faceplates

33172 71565

Color face plates to personalize your portable phone. Professional install
required.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
33172 1 EACH	Nokia SKH-261 30 Days	Faceplate - Earth. Not for the 6161i, 6162 or 5100 Series.	14.95 0.1 0.05	2 2 2
71565 1 EACH	Nokia SKH-260 30 Days	Faceplate - Sky. Not for the 6161i, 6162 or 5100 Series.	14.95 0.1 0.05	2 2 2

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F Fun Friends

Fun Friends are leading the way with adorable characters that give new attitude to these otherwise dull products. Fun Friends are a perfect match for all who enjoy plush characters ranging from Funky the Monkey to Tadpole our Lime Green Frog.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 318 ACH	funphonefriend.com A-05 30 days	Fun Friends phone cover. Tapole Frog	15.00 0.32 0.15	6.50 5.75 5.21
EW 345 ACH	funphonefriend.com A-01 30days	FunFriends phone cover. Bully-Bulldog	15.00 0.32 0.15	6.50 5.75 5.21
EW 370 ACH	funphonefriend.com A-22 30 days	Fun Friends Funky- Monkey	15.00 0.32 0.15	6.50 5.75 5.21
EW 386 ACH	funphonefriend.com A-3 30 days	Fun Friends phone covers. Floppy Reg	15.00 0.32 0.15	6.50 5.75 5.21
EW 305 ACH	funphonefriend.com A-19 30 days	FunFriends phone cover. ALI- Aligator	15.00 0.32 0.15	6.50 5.75 5.21
EW 388 ACH	funphonefriend.com A-17 30 days	FunFriends phone cover. Beary- Lavender Bear	15.00 0.32 0.15	6.50 5.75 5.21
EW 325 ACH	funphonefriend.com A-27 30 days	Fun Friends phone cover. Santa	15.00 0.32 0.15	6.50 5.75 5.21
EW 374 ACH	funphonefriend.com A-15 30 days	Fun Friends phone covers. Dangles- Dog Hanging Legs	15.00 0.32 0.15	6.50 5.75 5.21
EW 389 ACH	funphonefriend.com A-24 30 days	Fun Friends phone covers. Munchie- Manatee	15.00 0.32 0.15	6.50 5.75 5.21
EW 359 ACH	funphonefriend.com A-10 30 days	Fun Friends phone covers. Kit Kat- Cat	15.00 0.32 0.15	6.50 5.75 5.21
EW 341 ACH	funphonefriend.com A-7 30 days	Fun Friends phone cover. Larry -Lobster	15.00 0.32 0.15	6.50 5.75 5.21
EW 397 ACH	funphonefriend.com A-21 30 days	Fun Friends phone covers. Cheeser- Mouse	15.00 0.32 0.15	6.50 5.75 5.21
EW 340 ACH	funphonefriend.com A-09 30 days	Fun Friends phone covers. Oinky- Pig	15.00 0.32 0.15	6.50 5.75 5.21
EW 325 ACH	funphonefriend.com A-20 30 days	Fun Friends phone covers. Moo Moo- Cow	15.00 0.32 0.15	6.50 5.75 5.21

Chargers, Desk Top, Travel [305-60]

Nokia Chargers

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

- Chargers used with Desk Top Charging Stands or battery charger adapters. Plugs into 120V outlet.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
12531 1 EACH	Nokia ACP-7U Limited Lifetime	Travel Charger for 32/33/51/61/63/64/71/83/8800 phones.	13.00 0.3 0.14	5.54 5.36 5.34
NEW 480381 1 EACH	Nokia ACP-7E Limited Lifetime	European Travel Charger For 8550 and 3210.	13.00 0.3 0.14	5.04 4.86 4.84
NEW 486358 1 EACH	Nokia ACP-8E Limited Lifetime	European Rapid Travel Charger For 8850 and 3210.	19.95 0.4 0.18	12.59 12.15 12.10
NEW 471158 1 EACH	Nokia ACP-8U Limited Lifetime	Rapid Travel Charger For Nokia 32/33/61/63/64/82/ 8800.	19.95 0.4 0.18	13.09 12.65 12.60

Nokia Desk Top Charging Stands

Desktop charging stand for Nokia Cellular phones. Provides a convenient way to charge the phone and connect for data. Used with an external power supply (different power supplies for fast charging, trickle charging, or automotive charging). REQUIRES TRAVEL CHARGER (sold separately).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 422198 1 EACH	Nokia DCH-8 1 year	Single Port Desktop Charging Stand Only.	15.00 0.2 0.09	6.84 6.60 6.57
NEW 423159 1 EACH	Nokia 0273052 1 year	Connectivity Stand Only.	34.00 0.35 0.16	15.10 14.58 14.52
NEW 475176 1 EACH	Nokia 0080438 1 year	Connectivity Kit. Includes the DCH-8D Connectivity Stand and the DLR-3P Data Cable.	50.00 1 0.45	35.95 34.70 34.55
96566 1 EACH	Nokia DCH-9 1 year	Dual Port Desktop Charging Stand Only.	29.95 0.25 0.11	19.78 19.09 19.01

Wireless Solutions Travel Charger

- Plugs into any 110 volt outlet
- Use your phone while it is charging
- Rapid Charges batteries in about 2-4 hours
- Attractive retail packaging that promotes self selection and consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
93302 1 EACH	Wireless Solutions 93302 Lifetime	Travel Charger	8.65 0.56 0.25	6.34 5.14 3.95

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Cases for Portable Cellular Phones [310-10]

Nokia OEM Phone Cases

17639 441124 475083 477008

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **467194** 1 EACH	Nokia CSY-4 Length of Ownership	Active Mesh Carry Case Red	29.95 0.3 0.14	22.07 21.32 21.23
17639 1 EACH	Nokia CSL-4 Length of Ownership	Leather Case. Retail packaged. Black	14.95 0.17 0.08	2.88 2.78 2.77
441124 1 EACH	Nokia CSL-4B Length of Ownership	Swivel clip case. Glove leather with belt clip. Open face. Black	19.00 0.17 0.08	2.88 2.78 2.77
475083 1 EACH	Nokia CBC-3 Length of Ownership	Leather Case. Retail packaged. Black	14.95 0.17 0.08	3.38 3.28 3.27
477008 1 EACH	Nokia CBL-8 Length of Ownership	Leather Case. Retail packaged. Black	14.95 0.17 0.08	3.38 3.28 3.27

MTU Pouch Style Cases

MTU Wireless Horizontal Pouch Style Cases. These cases are great for active people. Your belt slides easily through the belt loop in the back of the case allowing your wireless phone to rest securely on its side. Great for hiking, running and biking. Retail packaged.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **495312** 1 EACH	AleEv (formerly MTU) 21673 Limited Lifetime	Horizontal Pouch Style Leather Case with Integrated Belt Loop and Clip. Retail packaged. Black	25.70 0.1 0.05	10.31 9.59 8.96

Wireless Solutions Cases

68995 86316 97559

- High quality leather
- Nylon stitching
- Leather covered rust resistant spring clip
- Mylar plastic that will not yellow or crack
- Environmentally tested to ensure durability
- Attractive retail packaging that promotes self selectionand consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
68995 1 EACH	Wireless Solutions 68995 Lifetime	Leather Case. Retail packaged. Black	11.60 0.18 0.08	7.50 6.87 6.30
86316 1 EACH	Wireless Solutions 86316 Lifetime	Leather Case. Retail packaged. Black	11.60 0.18 0.08	7.50 6.87 6.30
97559 1 EACH	Wireless Solutions 97559 Lifetime	Leather Case. Retail packaged. Black	11.60 0.18 0.08	7.50 6.87 6.30

Wireless Solutions Phone Holsters

418160

- Phone Holster can ratchet 180 degrees.
- Phone sits firmly in place inside of holster.
- Holster is manufactured with high-impact plastic

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
418160 1 EACH	Wireless Solutions 484194U 1 Year	Ratcheting Phone Holster Black	7.75 0.3 0.14	5. 4. 3.

Waterproof Cases, Belt Clips [310-60]

Belt Clips for Nokia Phones

17654

Belt clips designed to conveniently snap onto the phone to securely hold it in p Holds the phone without the need for a leather carry case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
17654 1 EACH	Nokia BCH-12U 90 days	Belt Clip Black	9.00 0.18 0.08	3. 3. 3.

Wireless Solutions Beltclips

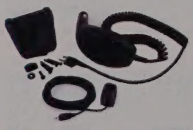
26612 30754 413338

Belt clips designed to conveniently sn onto the phone to securely hold it in place. Holds the phone without the n for a leather carry case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
26612 1 EACH	Wireless Solutions 26612 Lifetime	Belt Clip - Nokia 3200,5100,6100 Series Only Black	6.80 0.18 0.08	4. 3. 3.
30754 1 EACH	Wireless Solutions 30754 Lifetime	Universal Belt Clip includes three different swivels with 3M adhesive. Black	6.80 0.18 0.08	4. 3. 3.
NEW **413338** 1 EACH	Wireless Solutions 458379U Lifetime	Universal Belt Clip includes two swivels with 3M adhesive. Black	6.80 0.18 0.08	4. 3. 3.

Hands Free Kits, Mics, Headsets [262-09]

Nokia Handsfree Kit



Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories match the specific requirements of their phones, satisfyin the most demanding customer. You can trust the high qua and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW **86394** 1 EACH	Nokia HFU-2 BULK	NOKIA Junction box for CARK-91.	92.00 0.29 0.13	66. 63. 63.

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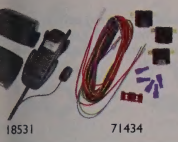
omplete Nokia Car Kits



18531 71434

NOKIA Handsfree Installation Kit for permanent mounting in a vehicle. Allows you to convert your portable phone into a complete in-car phone. Provides hands-free, external antenna connection, external speaker, fast charger and mounting hardware.

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
31 CH	Nokia CARK-91US 3 Year	Complete handsfree car kit. Professional install recommended. External antenna connection terminates with an FME connector. Kit includes an FME to Mini-UHF adapter. Also includes active cradle (MCC-1) junction box (HFU-2),	138.00 2.4 1.09	99.23 95.78 95.36
34 CH	Nokia PCH-4J 1 Year	Replacement power cable for the CARK-91 car installation kit.	15.00 0.27 0.12	10.79 10.41 10.37

mplete Nokia Car Kits

76032 86748 87764

KIA Handsfree Installation Kit for permanent mounting in a vehicle. Lets you convert your table phone into a complete in-car phone. Provides hands free, external antenna connec-, external speaker, fast charger, handest and mounting hardware.

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
32 CH	Nokia CARK-91H 3 Year	Complete handsfree car kit. Professional install recommended. External antenna connection terminates with an FME connector. Kit includes an FME to Mini-UHF adapter (SKU 26325). Also includes active cradle (MCC-1) junction box	158.00 2.8 1.27	113.61 109.66 109.18
48 CH	Nokia AXR-2 1 yr	Cable for use with the CARK-91 when using the NRM-1 Plus Module with a 5190 or 6190 phone.	45.50 0.45 0.2	32.72 31.58 31.45
64 CH	Nokia MCC-1 BULK 1 Year	Replacement active cradle for CARK-91.	46.00 1 0.45	33.08 31.93 31.79

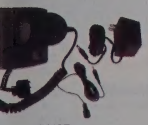
arteq Handsfree Kits

453100

Smarteq handsfree car kits use patented antenna coupling technology for the newest wireless phones that use inductive antennas. Each kit terminates in an FME male connector.

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
100 CH	Smarteq 70437 1 Year	Installed Handsfree Car Kit	197.75 2.3 1.05	124.95 119.55 112.50

perior Dock & Talk HF Kit



85627

Automotive and desktop speakerphone system designed for today's mobile professional. Provides hands-free conversation and continuous charging capability. For use in vehicle, home, or office. CDMA, TDMA, and analog compatible. Speakerphone/Adapter (included) easily and securely connects to either vehicle cigarette-lighter socket or desktop dock.

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
27 CH	Superior Comm. 329 3 Year	Dock & Talk Mobile/Desktop Handsfree Kit	81.75 2.54 1.15	39.08 37.64 36.78

Headsets [262-10]

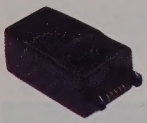
Clearvox Over-the-Ear Headset

35716

Lightweight over-the-ear headset is held in place comfortably with a support triangle that slips over the ear. Boom microphone rotates to accomodate right or left ear. Weighs less than 2 oz. 2.5 mm plug connects directly into the headset port of the cellular phone.*

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
35716 1 EACH	ClearVox Communications C-300 1 Year	Over the Ear Headset Headset. Mic is not noise canceling. Retail packaged.	20.70 0.15 0.07	13.75 10.78 10.34

Clearvox Headset Adapter*



89919

Clearvox headset adapter plugs into the bottom of the phone. The headset then plugs into the adapter. Use with any Clearvox headset.

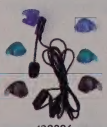
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
89919 1 EACH	ClearVox Communications CS-N61 1 Year	Headset adapter	25.55 0.2 0.09	16.97 13.31 12.77

Jabra In-the-Ear Headset

The JABRA Corporation's headset features an innovative all-in-the-ear speaker and microphone. Built-in noise reduction technology for clear transmissions. Totally portable and digital-ready. Four-foot cable, six EarGels and standard 2.5 mm plug for direct connection to mobile phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
35018 1 EACH	Jabra Corporation ESNOK51/61/71302 1 year	Earset	29.95 1 0.45	17.08 14.98 14.68

Jabra EarBoom Headset



429096

"Fits-your-face," flexible mini-boom is comfortable and non-intrusive. For those who need to talk and listen "on the move." The custom-fit EarGel channels sound into your ear for great reception.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
429096 1 EACH	Jabra Corporation EMNOK51/61/ 710300 1 year	EarBoom Headset With In-Line On/Off Button.	24.95 0.3 0.14	14.23 12.48 12.23

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Jabra EarBud Headset

467078

The JABRA EarBud is the most cost-effective, JABRA solution for mobile phone users wanting a hands-free alternative at a value price. The JABRA EarBud uses the patented EarGel for a secure fit and contemporary styling. Unlike the EarSet and Ear Boom solutions, the EarBud integrates the microphone as part of the cable leading from the ear to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
467078 1 EACH	Jabra Corporation EBNOK51/61/ 710302 1 Year	EarBud Headset	13.25 0.15 0.07	7.56 6.63 6.50

Jabra Earboom Winder

495157

The EarBoom Winder gives you a tangle-free solution to handsfree communication. Talk handsfree when you're on the go, then retract the cord and stow the EarBoom at the touch of a button.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 495157 1 EACH	Jabra Corporation EMWINDERNOK5 1302 1 Year	EarWinder Headset. Retail packaged.	34.90 0.35 0.16	19.90 17.45 17.11

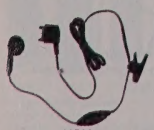
MTU Headset

89244

MTU "Bud" type hands-free earphone/ microphone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
89244 1 EACH	AleEv (formerly MTU) 91058 LtdLife	MTU "Bud" type hands-free earphone/ microphone. Phone adapter is included.	19.95 0.1 0.05	8.01 7.44 6.95

NOKIA Hands Free Headsets



61519

Nokia handsfree headset kit. Allows handsfree operation of phone. Includes "bud" type earpiece and an active button that can answer or end a call without opening the phone.

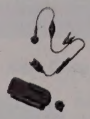
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
61519 1 EACH	Nokia HDC-9P 3 year	Hands free headset kit. Bulk packaged.	21.95 0.17 0.08	8.41 8.14 8.11

Nokia Headset Kit

Nokia headset kit. Includes a intergrated earpiece and phone for handsfree conversations and a cord mounte answer/end button for convenience. Special 2.5mm jack only works with the Nokia 8860.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
NEW 467141 1 EACH	Nokia HDE-1 3 Year	Headset Kit. No answer/end button	7.40 0.35 0.16	

NOKIA Headset with Belt Clip



46328

Nokia handsfree headset with a belt clip. Includes:"bud" type earpiece that into the ear and allows handsfree operation. Answer/end button is located microphone. Belt clip holds the phone on your belt/ waist.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
46328 1 EACH	Nokia HDC-9K 3 year	Handsfree headset kit with belt clip for Nokia 5100/ 6100 series.	17.30 0.2 0.09	

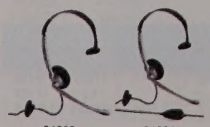
Inductive Loop for Hearing Aids

53969

Nokia inductive loop for hearing impaired users. Easy to use device for smo interaction between T-coil equipped hearing aid and a portable NOKIA pho Consists of a wire loop that goes around the user's neck and connects to th tom of the phone. Loopset transmits speech from the phone to the aid.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
53969 1 EACH	Nokia LPS-1 1 Year	Inductive loop for Hearing Aids.	69.95 0.5 0.23	
NEW 411167 1 EACH	Nokia HDA-8 1 Year	TTY/TDD Phone Adapter.. Comply with TSB121 industry standard. "Cellular Ready" TTY devices need the HDA-8 cable connection to work successfully with Nokia products. TTY capable Nokia phones are capable of VCO (voice carry over) transmission. However this must be done on a VCO capable TTY. Mor information location in TFAX.	6.00 0.22 0.1	

Plantronics Over-The-Head Headsets



36909 36926

All Plantronics over-the-head wireless phone headsets fea a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch clothing clip. The 2.5mm plug connects directly into the h set port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
36909 1 EACH	Plantronics M110 1 Year	Flexible headband on this over-the-head headset provides stability and comfort.	24.20 0.4 0.18	
36926 1 EACH	Plantronics M114 1 Year	Flexible headband on this over-the-head style headset provides stability and comfort. Includes in-line volume control.	26.80 0.4 0.18	

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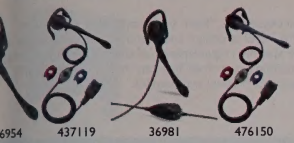
antronics Over-The-Ear Headsets



6954 437119 36981 476150

All Plantronics over-the-ear wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hard-wired for specific Nokia phones.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
6954 ACH	Plantronics M120 1 Year	Lightweight comfort in an over-the-ear style headset.	24.20 0.25 0.11	16.06 12.59 12.08
EW 7119 ACH	Plantronics M123-N2 1 Year	Lightweight comfort in an over-the-ear style headset. Includes in-line call answer/end control.	29.50 0.35 0.16	19.59 15.36 14.73
8981 ACH	Plantronics M124 1 Year	Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80 0.24 0.11	17.80 13.95 13.39
EW 6150 ACH	Plantronics M133-N2 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, purple color. Includes in-line call answer/end control.	35.10 0.4 0.18	23.34 18.30 17.55

antronics In-The-Ear Headsets

37000 462144 37004

All Plantronics in-the-ear boom-style wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
7000 ACH	Plantronics M140/CHARCOAL 1 Year	Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11	24.31 19.06 18.28
EW 2144 ACH	Plantronics M143-N2 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line call answer/end control.	40.75 0.35 0.16	27.09 21.24 20.37
7004 ACH	Plantronics M145 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11	28.22 22.12 21.22

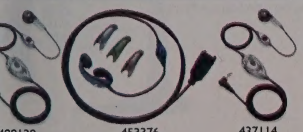
antronics Headset Adapter

75407

Plantronics headset adapter plugs into the bottom of the phone. The headset then plugs into the adapter. Use with any Plantronics headset. Can be used with many headsets that have a 2.5mm plug.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
407 ACH	Plantronics WTA-NK610 1 year	Headset adapter	12.55 0.25 0.11	8.34 6.54 6.27

antronics Discreet Earbud Headsets



488139 453376 437114

All Plantronics earbud headsets for wireless phones feature Flexfit(TM) design for increased stability, RF noise shielded cable, advanced speaker technology, and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

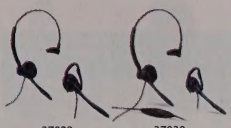
nuing product table (1 of 2)

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
8139 ACH	Plantronics M206-N2 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and call answer/end controls.	32.00 0.22 0.1	21.25 16.66 15.98
IEW 3376 ACH	Plantronics MX103-N2 1 Year	Discreet style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19.59 15.36 14.73

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
437114 1 EACH	Plantronics M205 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09	19.59 15.36 14.73

Plantronics Convertible Headsets



37022 37030

All Plantronics convertible style wireless phone headsets feature a noise-canceling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37022 1 EACH	Plantronics M170 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18	31.25 24.50 23.50
37030 1 EACH	Plantronics M175 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22	35.16 27.57 26.44

SpeakEasy Over-the-Ear Headset

Superior Communications SpeakEasy Headset offers a quality, affordable handsfree solution. Fits over either ear. Speaker rests comfortably outside ear. Boom microphone swivels into position. Lightweight and easy to wear.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
95800 1 EACH	Superior Comm. 22852 3 years	SpeakEasy Over-the-Ear Headset. Phone adapter is included.	18.05 0.15 0.07	8.62 8.30 8.11

Wireless Solutions In The Ear Headset

94174

The Wireless Solutions headset features an innovative all-in-the-ears-peaker and microphone. Built-in noise reduction technology for clear transmissions. Totally portable and digital-ready. Includes four foot cable and six EarGels.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
94174 1 EACH	Wireless Solutions 94174 Lifetime	Handsfree headset. Phone adapter is included.	30.00 0.15 0.07	17.58 15.48 15.18

Wireless Solutions EarBoom Headset

430160

Wireless Solutions In The Ear headset features a boom mic. Comfortable. Provide good mic sound as well as in the ear speaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
430160 1 EACH	Wireless Solutions 458047U Lifetime	Earboom Headset	31.00 0.4 0.18	24.81 18.61 9.31

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Nokia 6100 Series

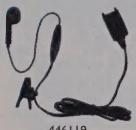
Wireless Solutions EarBud Headset

410180

The Wireless Soluitons EarBud is the most cost-effective, solution for mobile phone users wanting a hands-free alternative at a value price. The EarBud integrates the microphone as part of the cable leading from the ear to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
410180 I EACH	Wireless Solutions 440061U Lifetime	Earbud Headset	27.00 0.4 0.18	12.09 10.09 8.09

Wireless Solutions Bud Headset



446119

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 446119 I EACH	Wireless Solutions 428156U I Year	Bud Headset	7.75 0.35 0.16	5.27 4.22 3.60

Portable Cellular Phone Accessory Kit [262-50]

Wireless Solutions Starter Kits

40351

Starter Kits include a glove leather fitted case and a vehicle power adapter. Wireless Solutions Retail Packaging.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
40351 I EACH	Wireless Solutions 40351-STARTER KIT Lifetime	Starter Kit. Includes open face leather case and vehicle power adapter. Wireless Solutions Packaging. Lifetime warranty.	33.00 0.35 0.16	13.90 11.92 9.90

Data Interfaces for Portable Phones [260-12]

Nokia 5190/6190 Data Suite

NOKIA Data Suite for 5190 and 6190 phones. Use with computer to fax, file transfer, E-mail, access Internet, manage phone memory, send and receive short messages all via a serial cable. Eliminates PCMCIA modem card. Plug and Play. Includes RS-232 (9-pin)cable (DAU-9), Three 3.5" disks and installation/user guides.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
31369 I EACH	Nokia DATA SUITE 3 I year	Data Suite Software and DAU-9P cable	70.00 0.44 0.2	50.33 48.58 48.37

Nokia Data Cables

17282

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories t match the specific requirements of their phones, satisfyin most demanding customer. You can trust the high quality performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
17282 I EACH	Nokia DAU-9P	Data cable for e-mail, faxes, and short message service. Must be used with Data Suite software.	34.95 0.25 0.11	2 2 2

Mounting Plates, Cradles, Holders [150-40]

Nokia Phone Cradles

70464

Original accessories... "from the people that made your phone(TM OEMs design and manufacture accessories to match the specific re ments of their phones, satisfying the most demanding customer. You trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
70464 I EACH	Nokia MBC-1 Lifetime	Nokia 5100/6100 phone cradle. Holds phone in place while charging with the cigarette lighter adapter. Mounting plate and hardware included.	14.00 0.35 0.16	8 8 7

UltiMount

28327

The UltiMount by Pro.Fit International secures any phone or car kit i vehicle. It swivels, rotates and adjusts to virtually any position and inst seconds with 3M acrylic foam tape. No tools are needed. Great for c trucks, RV's or boats. Designed for cell phones, two- way radios, hand GPS units and PDA's. The complete system includes a swivel belt clip, Nokia button, round and oblong buttons and surface preparation sup Will also work with a case with a built-in belt clip. Premium trifold cl shell package with a color insert card and complete instructions for i ing and removing.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
28327 I EACH	Pro.Fit International UL747 Lifetime	UltiMount	24.95 0.5 0.23	15 13 13

The Portable Solution PS-1324

454079

The Portable Solution by Pro.Fit International incorporates a simple button de for easy one-hand operation. It installs in seconds with 3M acrylic foam tape fo superior adhesion, but can be removed without leaving any residue. The compl system includes swivel belt clip, Nokia button, round and oblong adhesive back tons and surface preparation supplies. This holder will also work with a case w built-in belt clip. Retail peg hook package with a color information card.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
454079 I EACH	Pro.Fit International PS-1324 Lifetime	The Portable Solution PS-1324.	10.95 0.16 0.07	6 6 6

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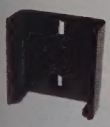
MTU Passive Holders



Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
7841 EACH	AleEv (formerly MTU) 22148 1 year	Passive Holder for Nokia 5100/6100 series phones.	14.20 1 0.45	5.70 5.30 4.95

External Antenna Kits for Portables [362-40]

Antenna Specialists Talk Around (R)

43996

Antenna Specialists Talkaround dual band 824-894 MHz (cellular) and 1850-1990 (PCS) magnet mount antenna allows you to receive the benefit of an external antenna without the expense of a car kit. Antenna is 4.75" long with a base of 1.1". Includes 8.25' of RG174 cable with connector.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
43996 EACH	Antenna Specialists ASPDM1944/CP Lifetime	Dual band magnetic antenna for Nokia 3285,5110,5120,5160,5162,5190,6110,6120,6160,6162 and 6190 series. Retail packaged.	42.50 1.5 0.68	22.53 20.83 20.40

ClearTalk Charger w/Ant. Connect

Superior Communications ClearTalk is a saver/charger that charges your phone's battery. It includes an FME male connector for an external antenna. It can also be purchased with a unity gain mini magnet mount antenna to provide greater signal strength and improved performance.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
4276 EACH	Superior Comm. 22819 3 Year	ClearTalk with unity gain magnetic mount antenna Nokia 5100/6100 series. Not for 5185. Includes FME/F-TNC/F adapter.	61.05 0.5 0.23	29.18 28.11 27.47
7127 EACH	Superior Comm. 22818 3 Year	ClearTalk with external antenna connectionfor Nokia 5100/6100 series. Includes FME/F-TNC/F adapter.	40.80 0.42 0.19	19.49 18.78 18.35

Nokia 5100/6100 External Antenna Kit

MTU external antenna kit allows you to attach a dual band mini magnet antenna to your phone for improved reception and transmission. Includes antenna and phone cable with adapter.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 30306 EACH	AleEv (formerly MTU) 80155 Limited Lifetime	External antenna kit for Nokia 5100/61/3200 series.	42.10 0.15 0.07	16.90 15.71 14.68

Cellular Antenna Couplers [362-41]

Antenna Specialists Talkaround Cable

Antenna Specialists RF Link cables allow easy connection to an external antenna to improve the phone's performance. 48" cables attaches directly to the phone and terminates in an SAP/FME male connector.

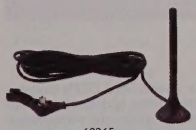
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
41870 1 EACH	Antenna Specialists K346 Lifetime	Fits Ericsson 700 series	20.65 0.1 0.05	10.94 10.11 9.91
20386 1 EACH	Antenna Specialists K345 Lifetime	Fits Ericsson 200/300/600 series	20.65 0.1 0.05	10.94 10.11 9.91
41865 1 EACH	Antenna Specialists K344 Lifetime	Fits Nokia 3285/5100/ 6100 series.	20.65 0.07 0.03	10.94 10.11 9.91

ClearConnect Cables

ClearConnect cables allow easy connection to an external antenna to improve the phone's performance. 12" cable attaches directly to the phone and terminates in a TNC female connector.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
70763 1 EACH	Superior Comm. 23043 3 Year	Fits Nokia 3285,5100/6100 series (not 5185 phone). Has brace that grips phones antenna for added support.	14.15 0.1 0.05	6.76 6.52 6.37

ClearConnect with Antenna



68265

ClearConnect reduces dropped calls and improves your signal strength. Links your phone to a dual band mini magnet antenna that easily attaches to your vehicle.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
68265 1 EACH	Superior Comm. 22845 3 Year	Fits Nokia 3285/5100 series (only). Not for 5185.	34.45 0.25 0.11	16.45 15.85 15.49
16658 1 EACH	Superior Comm. 22845 3 Year	Fits Nokia 6100 series (not 5100 or flip series).	34.45 0.2 0.09	16.45 15.85 15.49
55051 1 EACH	Superior Comm. 22945 3 Year	Fits Nokia 6161 and 6162 (flip series only).	34.45 0.2 0.09	16.45 15.85 15.49

AleEv (formerly MTU) RF Antenna Adapters

28009

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
28009 1 EACH	AleEv (formerly MTU) 40147 3 Year	Rf adaper has brace to grip phone antenna for support. Fits Nokia 3285/5100/6100 series. Not compatible with 5185. Antenna not included.	28.55 0.13 0.06	11.46 10.66 9.96

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Nokia 6310

Compatible Phone Models:

Nokia 6310
Nokia 6310I
Nokia 6310i

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

Nokia Portable Phone Batteries

432080

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Nokia	Replacement Battery Black	54.95	30.70
427169	BPS-2	1100 mAh Lithium Polymer Provides up to 6 hours talk-	0.2	29.65
1 EACH	1 Year	time/ 12 days standby time.	0.09	29.53
432080	Nokia	Replacement Battery Black	24.95	12.73
1 EACH	BMS-2S	900 mAh NiMH Provides 1-5 hours of talk time, 30-216	0.25	12.30
	1 Year	hours standby. Black.	0.11	12.25

Vehicle Power Adapters [275-10]

Nokia (OEM) Vehicle Power Adapters

12634

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories. These products are used by directly plugging onto the phone without removing the battery. Provides power to the phone and charges the battery at the same time.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
12634	Nokia	Vehicle Power Adapter. Retail Packaged.	19.95	7.63
1 EACH	LCH-9		0.32	7.39
	Lifetime		0.15	7.34

Face Plates [311-10]

FPF Fun Friends

417318 425345 440370

441386 454305 472388

474325 481374 482389 486359

488341 490397 491340

499325

Fun Friends are leading the way with adorable characters that new attitude to these otherwise dull products. Fun Friends a perfect match for all who enjoy plush characters ranging fro Funky the Monkey to Tadpole our Lime Green Frog.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW	funphonefriend.com	Fun Friends phone cover. Tapole Frog	15.00	6.5
417318	A-05		0.32	5.7
1 EACH	30 days		0.15	5.2
NEW	funphonefriend.com	FunFriends phone cover. Bully-Bulldog	15.00	6.5
425345	A-01		0.32	5.7
1 EACH	30days		0.15	5.2
NEW	funphonefriend.com	Fun Friends Funky- Monkey	15.00	6.5
440370	A-22		0.32	5.7
1 EACH	30 days		0.15	5.2
NEW	funphonefriend.com	Fun Friends phone covers. Floppy Reg	15.00	6.5
441386	A-3		0.32	5.7
1 EACH	30 days		0.15	5.2
NEW	funphonefriend.com	FunFriends phone cover. ALI- Aligator	15.00	6.5
454305	A-19		0.32	5.7
1 EACH	30 days		0.15	5.2
NEW	funphonefriend.com	FunFriends phone cover. Beary- Lavender Bear	15.00	6.5
472388	A-17		0.32	5.7
1 EACH	30 days		0.15	5.2
NEW	funphonefriend.com	Fun Friends phone cover. Santa	15.00	6.5
474325	A-27		0.32	5.7
1 EACH	30 days		0.15	5.2
NEW	funphonefriend.com	Fun Friends phone covers. Dangles- Dog Hanging Legs	15.00	6.5
481374	A-15		0.32	5.7
1 EACH	30 days		0.15	5.2
NEW	funphonefriend.com	Fun Friends phone covers. Munchie- Manatee	15.00	6.5
482389	A-24		0.32	5.7
1 EACH	30 days		0.15	5.2
NEW	funphonefriend.com	Fun Friends phone covers. Kit Kat- Cat	15.00	6.5
486359	A-10		0.32	5.7
1 EACH	30 days		0.15	5.2
NEW	funphonefriend.com	Fun Friends phone cover. Larry -Lobster	15.00	6.5
488341	A-7		0.32	5.7
1 EACH	30 days		0.15	5.2
NEW	funphonefriend.com	Fun Friends phone covers. Cheeser- Mouse	15.00	6.5
490397	A-21		0.32	5.7
1 EACH	30 days		0.15	5.2
NEW	funphonefriend.com	Fun Friends phone covers. Oinky- Pig	15.00	6.5
491340	A-09		0.32	5.7
1 EACH	30 days		0.15	5.2

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nuing product table (2 of 2)

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 9325 ACH	funphonefriend.com A-20 30 days	Fun Friends phone covers. Moo Moo- Cow	15.00 0.32 0.15	6.50 5.75 5.21

Chargers, Desk Top, Travel [305-60]

okia Chargers

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

71158

argers used with Desk Top Charging Stands or battery charger adapters. Plugs into 120V outlet.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 5345 ACH	Nokia ACP-12U Limited Lifetime	Travel Charger for Nokia 9290, 6360, 6340, 6310, 7210, 7290, 8390.	24.95 0.3 0.14	14.53 14.04 13.98
EW 0381 ACH	Nokia ACP-7E Limited Lifetime	European Travel Charger For 8550 and 3210.	13.00 0.3 0.14	5.04 4.86 4.84
EW 5358 ACH	Nokia ACP-8E Limited Lifetime	European Rapid Travel Charger For 8850 and 3210.	19.95 0.4 0.18	12.59 12.15 12.10
EW 1158 ACH	Nokia ACP-8U Limited Lifetime	Rapid Travel Charger For Nokia 32/33/61/63/64/82/ 8800.	19.95 0.4 0.18	13.09 12.65 12.60

okia Desk Top Charging Stands

Desktop charging stand for Nokia Cellular phones. Provides a convenient way to charge the phone and connect for data. Used with an external power supply (different power supplies for fast charging, trickle charging, or automotive charging). REQUIRES TRAVEL CHARGER (sold separately).

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 1159 ACH	Nokia 0273052 1 year	Connectivity Stand Only.	34.00 0.35 0.16	15.10 14.58 14.52

Cases for Portable Cellular Phones [310-10]

kia OEM Phone Cases

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

No. Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 7384 ACH	Nokia CSL-27 Length of ownership.	Nokia Open Face Leather Case w/plastic swivel belt clip for the 6310/40/60. Retail box. Black	19.95 0.5 0.23	9.85 9.53 9.49
EW 1194 ACH	Nokia CSL-17 Length of Ownership	Horizontal case with belt clip. Retail packaged. Black	16.95 0.3 0.14	9.06 8.76 8.73

Nite Ize Holsters

The Stand-Up Phone Holster provides the ultimate in protection and usability for your phone. Durable Ballistic nylon protects from moisture and scratches, and a secure holstering mechanism ensures your phone will never leave your belt unintentionally

437345

- Available in three sizes: small, medium and large. Elastic sides expand to accomodate various phones
- Multiple pockets hold accessories
- Bendable metal frame stands, hangs or attaches to holster and provides a hands-free workstation
- Security snap attaches securely to belt
- Open-ended design for CLA's, headset or other phone accessories

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 437345 1 EACH	Nite Ize SUMP-07-01 2 years	Medium holster. Phone must fit into 5 1/2L" x 3 1/8"W x 1 1/4D" pocket.	28.25 0.15 0.07	14.68 14.34 14.11

Nite Ize Protective Case

Boxit mobile phone case provides the ultimate protection for any environment.

422375 424372 467363 482355

- Molded polyurethane front and polycarbonate back protects phone from moisture, dirt, dust, and shock. Floats too!
- Includes two different lids to accomodate nearly every phone. Antenna extensions and plugs are included for nearly every style antenna.
- Hear and talk through flexible transparent face while a special waterproof Gore audio membrane enhances audibility and guarantees effective sound transmission
- Operates from -40F to +140F. Approved to IP45 and IP65

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 422375 1 EACH	Nite Ize NBX-07-01 2 years	BOXIT universal phone case. Onyx color	46.20 0.15 0.07	24.01 23.47 23.09
NEW 424372 1 EACH	Nite Ize NBX-07-04 2 years	BOXIT universal phone case. Crystal color.	46.20 0.15 0.07	24.01 23.47 23.09
NEW 467363 1 EACH	Nite Ize NBX-07-28 2 years	BOXIT universal phone case. Citron color.	46.20 0.15 0.07	24.01 23.47 23.09
NEW 482355 1 EACH	Nite Ize NBX-07-03 2 years	BOXIT universal phone case. Aqua color.	46.20 0.15 0.07	24.01 23.47 23.09

Hands Free Kits, Mics, Headsets [262-09]

Nokia Handsfree Kit

456379

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 456379 1 EACH	Nokia CARK-112 1 year	Nokia handsfree kit with Bluetooth technology for use with the 6310i. Allows connectionless handsfree operation.	290.00 2.4 1.09	208.51 201.26 200.39
NEW 86394 1 EACH	Nokia HFU-2 BULK	NOKIA Junction box for CARK-91.	92.00 0.29 0.13	66.15 63.85 63.58

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Complete Nokia Car Kits

18531

NOKIA Handsfree Installation Kit for permanent mounting in a vehicle. Allows you to convert your portable phone into a complete in-car phone. Provides hands-free, external antenna connection, external speaker, fast charger and mounting hardware.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
18531 1 EACH	Nokia CARK-91US 3 Year	Complete handsfree car kit. Professional install recommended. External antenna connection terminates with an FME connector. Kit includes an FME to Mini-UHF adapter. Also includes active cradle (MCC-1) junction box (HFU-2),	138.00 2.4 1.09	99.23 95.78 95.36

Complete Nokia Car Kits

76032

NOKIA Handsfree Installation Kit for permanent mounting in a vehicle. Lets you convert your portable phone into a complete in-car phone. Provides hands free, external antenna connection, external speaker, fast charger, handest and mounting hardware.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
76032 1 EACH	Nokia CARK-91H 3 Year	Complete handsfree car kit. Professional install recommended. External antenna connection terminates with an FME connector. Kit includes an FME to Mini-UHF adapter (SKU 26325). Also includes active cradle (MCC-1) junction box	158.00 2.8 1.27	113.61 109.66 109.18

Nokia Handset Unit

19402

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
19402 1 EACH	Nokia HSU-1 1 year	Nokia handset unit for use with car kits for the Nokia 2120 - CARK11Nokia 9000i - CARK60/103 and Nokia 6100- CARK91.	49.00 0.66 0.3	35.24 34.01 33.86

Headsets [262-10]

Bluetooth Headsets

The Motorola Bluetooth headset provides a cordless connection to your mobile phone. Carry on handsfree conversation without the restriction of a cord.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 450379 1 EACH	Nokia HDW-2	Nokia Bluetooth headset. Up to 3 hours of talk time and 60 hours standby time. Works with ACP-12, LCH-9 and LCH-12 chargers and takes up to 1 hour and 15 minutes to charge. Units can work up to 30 feet away from phone. Meets Bluetooth 1.1 spec's.	118.00 0.3 0.14	84.85 81.90 81.54

NOKIA Hands Free Headsets

61519

Nokia handsfree headset kit. Allows handsfree operation of phone. Includes "bud" type earpiece and an active button that can answer o a call without opening the phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
61519 1 EACH	Nokia HDC-9P 3 year	Hands free headset kit. Bulk packaged.	21.95 0.17 0.08	8 8 8

Nokia Headset Kit

Nokia headset kit. Includes a intergrated earpiece and m phone for handsfree conversations and a cord mounted answer/end button for convenience. Special 2.5mm jack only works with the Nokia 8860.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 467141 1 EACH	Nokia HDE-1 3 Year	Headset Kit. No answer/end button	7.40 0.35 0.16	5 5 5

Inductive Loop for Hearing Aids

70381

Nokia inductive loop for hearing impaired users. Easy to use device for smo interaction between T-coil equipped hearing aid and a portable NOKIA pho Consists of a wire loop that goes around the user's neck and connects to the tom of the phone. Loopset transmits speech from the phone to the aid.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 411167 1 EACH	Nokia HDA-8 1 Year	TTY/TDD Phone Adapter.. Comply with TSB121 industry standard. "Cellular Ready" TTY devices need the HDA-8 cable connection to work successfully with Nokia products. TTY capable Nokia phones are capable of VCO (voice carry over) transmission. However this must be done on a VCO capable TTY. Mor information location in TFAX.	6.00 0.22 0.1	3 3 3
NEW 70381 1 EACH	Nokia LPS-3 1 Year	For use between a T-coil equipped hearing aid and the phone.	69.95 0.22 0.1	48 47 46

Data Interfaces for Portable Phones [260-12]

Nokia Data Cables

466015

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying most demanding customer. You can trust the high quality an performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
466015 1 EACH	Nokia DLR-3P 1 Year	Nokia 3285, 7160, 7190, 6120i, 6160i, 6161i, 6162i, 6185. 7160/7190,6300 series. See PC suite for software applications. Data Cable w/3.5" start-up disk. Provides a serial connection from the mobile phone to a laptop, desktop computer or palm device (adapter needed). Cable terminates in standard 9 pin serial connection. Cable is for data/fax applications only.	34.95 0.57 0.26	23 22 22
NEW 483326 1 EACH	Nokia DKU-6 1 Year	Nokia 6300 series Data Cable with USB connection.	49.00 0.57 0.26	30 29 29

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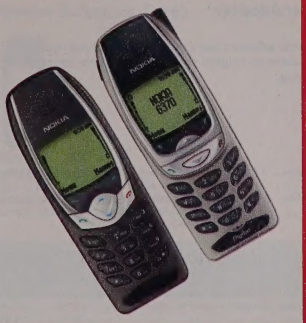
Mounting Plates, Cradles, Holders [150-40]

Nokia Phone Cradles

70464

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
70464 EACH	Nokia MBC-1 Lifetime	Nokia 5100/6100 phone cradle. Holds phone in place while charging with the cigarette lighter adapter. Mounting plate and hardware included.	14.00 0.35 0.16	8.28 8.00 7.94



Compatible Phone Models:

Nokia 6340
Nokia 6360
Nokia 6370
Nokia 6385

If you do not see your phone model listed, please call 800-955-9997.

External Antenna Kits for Portables [362-40]

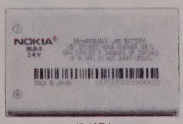
Nokia 5100/6100 External Antenna Kit

MTU external antenna kit allows you to attach a dual band mini magnet antenna to your phone for improved reception and transmission. Includes antenna and phone cable with adapter.

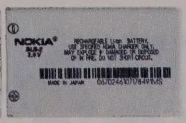
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 60306 EACH	AleEv (formerly MTU) 80155 Limited Lifetime	External antenna kit for Nokia 5100/61/3200 series.	42.10 0.15 0.07	16.90 15.71 14.68

Batteries for Portable Phones [270-10]

Nokia Portable Phone Batteries



434074

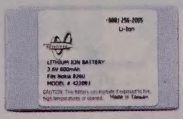


412028

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
434074 1 EACH	Nokia BLB-3 1 year	Replacement Battery Black 1000 mAh 4 hours DTT/72 hours DST	59.00 0.2 0.09	32.14 31.04 30.91
412028 1 EACH	Nokia BLB-2 1 Year	Replacement Battery White 650mah Lilo 2-3 hours DTT/6 days DST.	49.95 0.2 0.09	24.95 24.10 24.00

Wireless Solutions Batteries



456006

- High Quality, Great Value
- Available with merchandising system that drives multiple and repeat purchases to improve overall profitability
- Attractive retail packaging that promotes self selection and consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
456006 1 EACH	Wireless Solutions 422093U Lifetime	Replacement Battery Black 900 mAh Lilo 1 to 4 hours DTT/2 to 6 days DST	30.55 0.25 0.11	21.52 17.51 15.76

Vehicle Power Adapters [275-10]

Nokia (OEM) Vehicle Power Adapters

12634

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories. These products are used by directly plugging onto the phone without removing the battery. Provides power to the phone and charges the battery at the same time.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
12634 1 EACH	Nokia LCH-9 Lifetime	Vehicle Power Adapter. Retail Packaged.	19.95 0.32 0.15	7.63 7.39 7.34

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Nokia 6360

Wireless Solutions Vehicle Power Adapter

16647

Wireless Solutions Vehicle adapters are a great value, and high quality. Quality tested cable returns to original shape after multiple stretches. Attractive retail packaging.

- Variable rate charging for safety & convenience (no overcharging)
- Enough current to make a call with a discharged battery
- Attractive retail packaging that promotes self selection and consumer education
- Available with revolutionary merchandising system that drives multiple and repeat purchase to improve overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
16647 I EACH	Wireless Solutions 16647 1 Year	Vehicle Power Adapter. Retail Packaged.	23.00 0.35 0.16	7.24 5.91 4.60

Face Plates [311-10]

FPF Fun Friends

417318 425345 440370

441386 454305 472388

474325 481374 482389 486359

488341 490397 491340

499325

Fun Friends are leading the way with adorable characters that give new attitude to these otherwise dull products. Fun Friends are a perfect match for all who enjoy plush characters ranging from Funky the Monkey to Tadpole our Lime Green Frog.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **417318** I EACH	funphonefriend.com A-05 30 days	Fun Friends phone cover. Tapole Frog	15.00 0.32 0.15	6.50 5.75 5.21
NEW **425345** I EACH	funphonefriend.com A-01 30days	FunFriends phone cover. Bully-Bulldog	15.00 0.32 0.15	6.50 5.75 5.21
NEW **440370** I EACH	funphonefriend.com A-22 30 days	Fun Friends Funky- Monkey	15.00 0.32 0.15	6.50 5.75 5.21
NEW **441386** I EACH	funphonefriend.com A-3 30 days	Fun Friends phone covers. Floppy Reg	15.00 0.32 0.15	6.50 5.75 5.21
NEW **454305** I EACH	funphonefriend.com A-19 30 days	FunFriends phone cover. ALI- Aligator	15.00 0.32 0.15	6.50 5.75 5.21

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW **472388** I EACH	funphonefriend.com A-17 30 days	FunFriends phone cover. Beary- Lavender Bear	15.00 0.32 0.15	6 5 5
NEW **474325** I EACH	funphonefriend.com A-27 30 days	Fun Friends phone cover. Santa	15.00 0.32 0.15	6 5 5
NEW **481374** I EACH	funphonefriend.com A-15 30 days	Fun Friends phone covers. Dangles- Dog Hanging Legs	15.00 0.32 0.15	6 5 5
NEW **482389** I EACH	funphonefriend.com A-24 30 days	Fun Friends phone covers. Munchie- Manatee	15.00 0.32 0.15	6 5 5
NEW **486359** I EACH	funphonefriend.com A-10 30 days	Fun Friends phone covers. Kit Kat- Cat	15.00 0.32 0.15	6 5 5
NEW **488341** I EACH	funphonefriend.com A-7 30 days	Fun Friends phone cover. Larry -Lobster	15.00 0.32 0.15	6 5 5
NEW **490397** I EACH	funphonefriend.com A-21 30 days	Fun Friends phone covers. Cheeser- Mouse	15.00 0.32 0.15	6 5 5
NEW **491340** I EACH	funphonefriend.com A-09 30 days	Fun Friends phone covers. Oinky- Pig	15.00 0.32 0.15	6 5 5
NEW **499325** I EACH	funphonefriend.com A-20 30 days	Fun Friends phone covers. Moo Moo- Cow	15.00 0.32 0.15	6 5 5

Chargers, Desk Top, Travel [305-60]

Nokia Chargers

12531 471158

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to m the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and perfo mance of original accessories.

- Chargers used with Desk Top Charging Stands or battery charger adapters. Plugs into 120V outlet.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
12531 I EACH	Nokia ACP-7U Limited Lifetime	Travel Charger for 32/33/51/61/63/64/71/83/8800 phones.	13.00 0.3 0.14	5.5 5.3 5.3
NEW **466345** I EACH	Nokia ACP-12U Limited Lifetime	Travel Charger for Nokia 9290, 6360, 6340, 6310, 7210, 7290, 8390.	24.95 0.3 0.14	14. 14. 13.
NEW **480381** I EACH	Nokia ACP-7E Limited Lifetime	European Travel Charger For 8550 and 3210.	13.00 0.3 0.14	5.0 4.8 4.8
NEW **486358** I EACH	Nokia ACP-8E Limited Lifetime	European Rapid Travel Charger For 8850 and 3210.	19.95 0.4 0.18	12. 12. 12.
NEW **471158** I EACH	Nokia ACP-8U Limited Lifetime	Rapid Travel Charger For Nokia 32/33/61/63/64/82/ 8800.	19.95 0.4 0.18	13. 12. 12.

Nokia Desk Top Charging Stands

458042

Desktop charging stand for Nokia Cellular phones. Provides a convenient way to charge the phone. Used with an external power supply (different power supplies fast charging, trickle charging, or automotive charging). REQUIRES TRAVEL CHARGER (sold separately).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
458042 I EACH	Nokia DDC-1 1 Year	Desktop Charging Stand Only for spare battery only.	39.95 0.3 0.14	25. 24. 24.

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okia Desk Top Charging Stands

Desktop charging stand for Nokia Cellular phones. Provides a convenient way to charge the phone and connect for data. Used with an external power supply (different power supplies for fast charging, trickle charging, or automotive charging). REQUIRES TRAVEL CHARGER (sold separately).

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW	Nokia	Single Port Desktop Charging Stand Only.	15.00	6.84
198	DCH-8		0.2	6.60
ACH	1 year		0.09	6.57
EW	Nokia	Connectivity Stand Only.	34.00	15.10
159	0273052		0.35	14.58
ACH	1 year		0.16	14.52
EW	Nokia	Connectivity Kit. Includes the DCH-8D Connectivity Stand and the DLR-3P Data Cable.	50.00	35.95
176	0080438		1	34.70
ACH	1 year		0.45	34.55

ireless Solutions Travel Charger

93302

- s into any 110 volt outlet
- your phone while it is charging
- Rapid Charges batteries in about 2-4 hours
- Attractive retail packaging that promotes self selection and consumer education

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
302	Wireless Solutions	Travel Charger	8.65	6.34
ACH	93302		0.56	5.14
	Lifetime		0.25	3.95

Cases for Portable Cellular Phones [310-10]

kia OEM Phone Cases

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

No. Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W	Nokia	Nokia Open Face Leather Case w/plastic swivel belt clip for the 6310/40/60. Retail box. Black	19.95	9.85
384	CSL-27		0.5	9.53
CH	Length of ownership.		0.23	9.49
W	Nokia	Horizontal Leather Case with belt clip and magnetic closure. Black	14.95	8.05
378	CSL-21		0.17	7.79
CH	Limited Lifetime		0.08	7.76
W	Nokia	Horizontal case with belt clip. Retail packaged. Black	16.95	9.06
194	CSL-17		0.3	8.76
CH	Length of Ownership		0.14	8.73

U Pouch Style Cases

MTU Wireless Horizontal Pouch Style Cases. These cases are great for active people. Your belt slides easily through the belt loop in the back of the case allowing your wireless phone to rest securely on its side. Great for hiking, running and biking. Retail packaged.

No. Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W	AleEv (formerly	Horizontal Pouch Style Leather Case with Integrated Belt Loop and Clip. Retail packaged. Black	25.70	10.31
312	MTU)		0.1	9.59
CH	21673		0.05	8.96
	Limited Lifetime			

Wireless Solutions Cases

468383

- High quality leather
- Nylon stitching
- Leather covered rust resistant spring clip
- Mylar plastic that will not yellow or crack
- Environmentally tested to ensure durability
- Attractive retail packaging that promotes self selectionand consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Wireless Solutions	Leather case with built-in swivel and belt clip. Retail packaged. Black	11.60	7.50
468383	445336U		0.4	6.87
1 EACH	1 Year		0.18	6.30

Wireless Solutions Phone Holsters

449367

- Phone Holster can ratchet 180 degrees.
- Phone sits firmly in place inside of holster.
- Holster is manufactured with high-impact plastic.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Wireless Solutions	Ratcheting Phone Holster Black	7.75	5.51
449367	480363U		0.3	4.66
1 EACH	1 Year		0.14	3.60

Nite Ize Holsters

The Stand-Up Phone Holster provides the ultimate in protection and usability for your phone. Durable Ballistic nylon protects from moisture and scratches, and a secure holstering mechanism ensures your phone will never leave your belt unintentionally

437345

- Available in three sizes: small, medium and large. Elastic sides expand to accomodate various phones
- Multiple pockets hold accessories
- Bendable metal frame stands, hangs or attaches to holster and provides a hands-free workstation
- Security snap attaches securely to belt
- Open-ended design for CLA's, headset or other phone accessories

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Nite Ize	Medium holster. Phone must fit into 5 1/2L" x 3 1/8"W x 1 1/4D" pocket.	28.25	14.68
437345	SUMP-07-01		0.15	14.34
1 EACH	2 years		0.07	14.11

Nite Ize Protective Case

422375 424372 467363 482355

Boxit mobile phone case provides the ultimate protection for any environment.

- Molded polyurethane front and polycarbonate back protects phone from moisture, dirt, dust, and shock. Floats too!
- Includes two different lids to accomodate nearly every phone. Antenna extensions and plugs are included for nearly every style antenna.
- Hear and talk through flexible transparent face while a special waterproof Gore audio membrane enhances audibility and guarantees effective sound transmission
- Operates from -40F to +140F. Approved to IP45 and IP65

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Nite Ize	BOXIT universal phone case. Onyx color	46.20	24.01
422375	NBX-07-01		0.15	23.47
1 EACH	2 years		0.07	23.09

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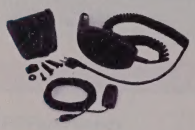
Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 424372 1 EACH	Nite Ize NBX-07-04 2 years	BOXIT universal phone case. Crystal color.	46.20 0.15 0.07	24.01 23.47 23.09
NEW 467363 1 EACH	Nite Ize NBX-07-28 2 years	BOXIT universal phone case. Citron color.	46.20 0.15 0.07	24.01 23.47 23.09
NEW 482355 1 EACH	Nite Ize NBX-07-03 2 years	BOXIT universal phone case. Aqua color.	46.20 0.15 0.07	24.01 23.47 23.09

Hands Free Kits, Mics, Headsets [262-09]

Nokia Handsfree Kit



Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 86394 1 EACH	Nokia HFU-2 BULK	NOKIA Junction box for CARK-91.	92.00 0.29 0.13	66.15 63.85 63.58

Complete Nokia Car Kits

18531

NOKIA Handsfree Installation Kit for permanent mounting in a vehicle. Allows you to convert your portable phone into a complete in-car phone. Provides hands-free, external antenna connection, external speaker, fast charger and mounting hardware.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
18531 1 EACH	Nokia CARK-91US 3 Year	Complete handsfree car kit. Professional install recommended. External antenna connection terminates with an FME connector. Kit includes an FME to Mini-UHF adapter. Also includes active cradle (MCC-1) junction box (HFU-2),	138.00 2.4 1.09	99.23 95.78 95.36

Complete Nokia Car Kits

76032

NOKIA Handsfree Installation Kit for permanent mounting in a vehicle. Lets you convert your portable phone into a complete in-car phone. Provides hands free, external antenna connection, external speaker, fast charger, handest and mounting hardware.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
76032 1 EACH	Nokia CARK-91H 3 Year	Complete handsfree car kit. Professional install recommended. External antenna connection terminates with an FME connector. Kit includes an FME to Mini-UHF adapter (SKU 26325). Also includes active cradle (MCC-1) junction box	158.00 2.8 1.27	113.61 109.66 109.18

Nokia Handset Unit

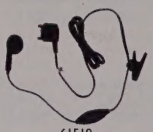
19402

Original accessories... "from the people that made your phone(TM)." OEMs d and manufacture accessories to match the specific requirements of their pho satisfying the most demanding customer. You can trust the high quality and pe mance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
19402 1 EACH	Nokia HSU-1 1 year	Nokia handset unit for use with car kits for the Nokia 2120 - CARK11Nokia 9000i - CARK60/103 and Nokia 6100- CARK91.	49.00 0.66 0.3	35 34 33

Headsets [262-10]

NOKIA Hands Free Headsets



61519

Nokia handsfree headset kit. Allows handsfree operation of phone. Includes "bud" type earpiece and an active button that can answer o a call without opening the phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
61519 1 EACH	Nokia HDC-9P 3 year	Hands free headset kit. Bulk packaged.	21.95 0.17 0.08	8. 8. 8.

Nokia Headset Kit

Nokia headset kit. Includes a intergrated earpiece and m phone for handsfree conversations and a cord mounted answer/end button for convenience. Special 2.5mm jack only works with the Nokia 8860.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 467141 1 EACH	Nokia HDE-1 3 Year	Headset Kit. No answer/end button	7.40 0.35 0.16	5. 5. 5.

Inductive Loop for Hearing Aids

53969

Nokia inductive loop for hearing impaired users. Easy to use device for smoo interaction between T-coil equipped hearing aid and a portable NOKIA phon Consists of a wire loop that goes around the user's neck and connects to the tom of the phone. Loopset transmits speech from the phone to the aid.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
53969 1 EACH	Nokia LPS-1 1 Year	Inductive loop for Hearing Aids.	69.95 0.5 0.23	48. 47. 46.
NEW 411167 1 EACH	Nokia HDA-8 1 Year	TTY/TDD Phone Adapter.. Comply with TSB121 industry standard. "Cellular Ready" TTY devices need the HDA-8 cable connection to work successfully with Nokia products. TTY capable Nokia phones are capable of VCO (voice carry over) transmission. However this must be done on a VCO capable TTY. Mor information location in TFAX.	6.00 0.22 0.1	3. 3. 3.

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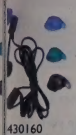
ireless Solutions In The Ear Headset

94174

The Wireless Solutions headset features an innovative all-in-the-ears-peaker and microphone. Built-in noise reduction technology for clear transmissions. Totally portable and digital-ready. Includes four foot cable and six EarGels.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
174 ACH	Wireless Solutions 94174 Lifetime	Handsfree headset. Phone adapter is included.	30.00 0.15 0.07	17.58 15.48 15.18

reless Solutions EarBoom Headset



430160

Wireless Solutions In The Ear headset features a boom mic. Comfortable. Provide good mic sound as well as in the ear speaker.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
0160 ACH	Wireless Solutions 458047U Lifetime	Earboom Headset	31.00 0.4 0.18	24.81 18.61 9.31

reless Solutions EarBud Headset

0180

The Wireless Soluitons EarBud is the most cost-effective, solution for mobile phone users wanting a hands-free alternative at a value price. The EarBud integrates the microphone as part of the cable leading from the ear to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
180 ACH	Wireless Solutions 440061U Lifetime	Earbud Headset	27.00 0.4 0.18	12.09 10.09 8.09

Data Interfaces for Portable Phones [260-12]

kia Data Cables

466015

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
015 ACH	Nokia DLR-3P 1 Year	Nokia 3285, 7160, 7190, 6120i, 6160i, 6161i, 6162i, 6185. 7160/7190,6300 series. See PC suite for software applications. Data Cable w/3.5" start-up disk. Provides a serial connection from the mobile phone to a laptop, desktop computer or palm device (adapter needed). Cable terminates in standard 9 pin serial connection. Cable is for data/fax applications only.	34.95 0.57 0.26	23.37 22.56 22.46
EW 326 ACH	Nokia DKU-6 1 Year	Nokia 6300 series Data Cable with USB connection.	49.00 0.57 0.26	30.20 29.15 29.03

Mounting Plates, Cradles, Holders [150-40]

Nokia Phone Cradles

70464

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
70464 1 EACH	Nokia MBC-1 Lifetime	Nokia 5100/6100 phone cradle. Holds phone in place while charging with the cigarette lighter adapter. Mounting plate and hardware included.	14.00 0.35 0.16	8.28 8.00 7.94

External Antenna Kits for Portables [362-40]

Nokia 5100/6100 External Antenna Kit

MTU external antenna kit allows you to attach a dual band mini magnet antenna to your phone for improved reception and transmission. Includes antenna and phone cable with adapter.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **480306** 1 EACH	AleEv (formerly MTU) 80155 Limited Lifetime	External antenna kit for Nokia 5100/61/3200 series.	42.10 0.15 0.07	16.90 15.71 14.68

Cellular Antenna Couplers [362-41]

Antenna Specialists Talkaround Cable

Antenna Specialists RF Link cables allow easy connection to an external antenna to improve the phone's performance. 48" cables attaches directly to the phone and terminates in an SAP/FME male connector.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
41865 1 EACH	Antenna Specialists K344 Lifetime	Fits Nokia 3285/5100/ 6100 series.	20.65 0.07 0.03	10.94 10.11 9.91

ClearConnect Cables

ClearConnect cables allow easy connection to an external antenna to improve the phone's performance. 12" cable attaches directly to the phone and terminates in a TNC female connector.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
70763 1 EACH	Superior Comm. 23043 3 Year	Fits Nokia 3285,5100/6100 series (not 5185 phone). Has brace that grips phones antenna for added support.	14.15 0.1 0.05	6.76 6.52 6.37

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Nokia 6500 Series

ClearConnect with Antenna

68265

ClearConnect reduces dropped calls and improves your signal strength. Links your phone to a dual band mini magnet antenna that easily attaches to your vehicle.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
68265 1 EACH	Superior Comm. 22845 3 Year	Fits Nokia 3285/5100 series (only). Not for 5185.	34.45 0.25 0.11	16.45 15.85 15.49

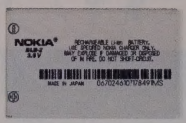
Compatible Phone Models

Nokia 6510
Nokia 6590

If you do not see your phon model listed, please ca 800-955-9997.

Batteries for Portable Phones [270-10]

Nokia Portable Phone Batteries

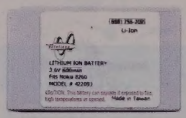


412028

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to m the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and perfo mance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
412028 1 EACH	Nokia BLB-2 1 Year	Replacement Battery White 650mah Lilo 2-3 hours DTT/6 days DST.	49.95 0.2 0.09	24 24 24

Wireless Solutions Batteries



456006

- High Quality, Great Value
- Attractive retail packaging that promotes self selection and consumer education
- Available with merchandising system that drives multiple and repeat purchases to improve overa profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
456006 1 EACH	Wireless Solutions 422093U Lifetime	Replacement Battery Black 900 mAh Lilo 1 to 4 hours DTT/2 to 6 days DST	30.55 0.25 0.11	21 17 15

Vehicle Power Adapters [275-10]

Nokia (OEM) Vehicle Power Adapters

12634

Original accessories... "from the people that made your phone(TM)." OEMs desi and manufacture accessories to match the specific requirements of their phones isfying the most demanding customer. You can trust the high quality and perform of original accessories. These products are used by directly plugging onto the ph without removing the battery. Provides power to the phone and charges the bat at the same time.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
12634 1 EACH	Nokia LCH-9 Lifetime	Vehicle Power Adapter. Retail Packaged.	19.95 0.32 0.15	7. 7. 7.

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reless Solutions Vehicle Power Adapter

16647

Wireless Solutions Vehicle adapters are a great value, and high quality. Quality tested cable returns to original shape after multiple stretches. Attractive retail packaging.

able rate charging for safety & convenience (no rcharging)
ugh current to make a call with a discharged bat-

- Attractive retail packaging that promotes self selection and consumer education
- Available with revolutionary merchandising system that drives multiple and repeat purchase to improve overall profitability

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
647 CH	Wireless Solutions 16647 1 Year	Vehicle Power Adapter. Retail Packaged.	23.00 0.35 0.16	7.24 5.91 4.60

Face Plates [311-10]

Fun Friends

417318 425345 440370

454305 474325 481374

482389 486359 488341

490397 491340 499325

Friends are leading the way with adorable characters that give new attitude to these other- dull products. Fun Friends are a perfect match for all who enjoy plush characters ranging Funky the Monkey to Tadpole our Lime Green Frog.

uing product table (1 of 2)

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 118 CH	funphonefriend.com A-05 30 days	Fun Friends phone cover. Tapole Frog	15.00 0.32 0.15	6.50 5.75 5.21
W 145 CH	funphonefriend.com A-01 30days	FunFriends phone cover. Bully-Bulldog	15.00 0.32 0.15	6.50 5.75 5.21
W 170 CH	funphonefriend.com A-22 30 days	Fun Friends Funky- Monkey	15.00 0.32 0.15	6.50 5.75 5.21
W 105 CH	funphonefriend.com A-19 30 days	FunFriends phone cover. ALI- Aligator	15.00 0.32 0.15	6.50 5.75 5.21
W 125 CH	funphonefriend.com A-27 30 days	Fun Friends phone cover. Santa	15.00 0.32 0.15	6.50 5.75 5.21
W 374 CH	funphonefriend.com A-15 30 days	Fun Friends phone covers. Dangles- Dog Hanging Legs	15.00 0.32 0.15	6.50 5.75 5.21
W 389 CH	funphonefriend.com A-24 30 days	Fun Friends phone covers. Munchie- Manatee	15.00 0.32 0.15	6.50 5.75 5.21

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 486359 1 EACH	funphonefriend.com A-10 30 days	Fun Friends phone covers. Kit Kat- Cat	15.00 0.32 0.15	6.50 5.75 5.21
NEW 488341 1 EACH	funphonefriend.com A-7 30 days	Fun Friends phone cover. Larry -Lobster	15.00 0.32 0.15	6.50 5.75 5.21
NEW 490397 1 EACH	funphonefriend.com A-21 30 days	Fun Friends phone covers. Cheeser- Mouse	15.00 0.32 0.15	6.50 5.75 5.21
NEW 491340 1 EACH	funphonefriend.com A-09 30 days	Fun Friends phone covers. Oinky- Pig	15.00 0.32 0.15	6.50 5.75 5.21
NEW 499325 1 EACH	funphonefriend.com A-20 30 days	Fun Friends phone covers. Moo Moo- Cow	15.00 0.32 0.15	6.50 5.75 5.21

Nokia 6510/6560 Faceplates

424319 464308 469382 479353

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 424319 1 EACH	Nokia SKR-181 1 Year Limited	NOKIA OEM ,A & B Color Covers , Red	25.50 0.25 0.11	18.34 17.70 17.63
NEW 464308 1 EACH	Nokia SKR-182 1 Year Limited	NOKIA OEM A & B Color Covers , Dark Purple	25.50 0.25 0.11	18.34 17.70 17.63
NEW 469382 1 EACH	Nokia SKR-180 1 Year Limited	NOKIA OEM A & B Color Covers , Light Blue	25.50 0.25 0.11	18.34 17.70 17.63
NEW 479353 1 EACH	Nokia SKR-179 1 Year Limited	NOKIA OEM A & B Color Covers ,Dark Blue	25.50 0.25 0.11	18.34 17.70 17.63

Chargers, Desk Top, Travel [305-60]

Nokia Chargers

12531 471158

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

- Chargers used with Desk Top Charging Stands or battery charger adapters. Plugs into 120V outlet.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
12531 1 EACH	Nokia ACP-7U Limited Lifetime	Travel Charger for 32/33/51/61/63/64/71/83/8800 phones.	13.00 0.3 0.14	5.54 5.36 5.34
NEW 466345 1 EACH	Nokia ACP-12U Limited Lifetime	Travel Charger for Nokia 9290, 6360, 6340, 6310, 7210, 7290, 8390.	24.95 0.3 0.14	14.53 14.04 13.98
NEW 480381 1 EACH	Nokia ACP-7E Limited Lifetime	European Travel Charger For 8550 and 3210.	13.00 0.3 0.14	5.04 4.86 4.84
NEW 486358 1 EACH	Nokia ACP-8E Limited Lifetime	European Rapid Travel Charger For 8850 and 3210.	19.95 0.4 0.18	12.59 12.15 12.10
NEW 471158 1 EACH	Nokia ACP-8U Limited Lifetime	Rapid Travel Charger For Nokia 32/33/61/63/64/82/ 8800.	19.95 0.4 0.18	13.09 12.65 12.60

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Nokia Desk Top Charging Stands

458042

Desktop charging stand for Nokia Cellular phones. Provides a convenient way to charge the phone. Used with an external power supply (different power supplies for fast charging, trickle charging, or automotive charging). REQUIRES TRAVEL CHARGER (sold separately).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
458042 1 EACH	Nokia DDC-1 1 Year	Desktop Charging Stand Only for spare battery only.	39.95 0.3 0.14	25.53 24.64 24.54

Nokia Desk Top Charging Stands

Desktop charging stand for Nokia Cellular phones. provides an convenient way to charge the phone. Used with an external power supply (different power supplies for fast charging, trickle charging, or automotive charging). REQUIRES CHARGING ADAPTER sold separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 434192 1 EACH	Nokia DCD-1 Length of Ownership	Desktop Charging Stand. No A/C Adapter.	34.95 0.4 0.18	15.60 15.08 15.02

Wireless Solutions Travel Charger

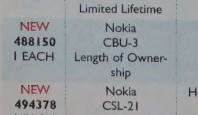
93302

- Plugs into any 110 volt outlet
- Use your phone while it is charging
- Rapid Charges batteries in about 2-4 hours
- Attractive retail packaging that promotes self selection and consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
93302 1 EACH	Wireless Solutions 93302 Lifetime	Travel Charger	8.65 0.56 0.25	6.34 5.14 3.95

Cases for Portable Cellular Phones [310-10]

Nokia OEM Phone Cases



460057

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
460057 1 EACH	Nokia CSH-3 Limited Lifetime	Horizontal case with belt clip and velcro closure. Retail packaged. Black	14.95 0.3 0.14	7.91 7.65 7.62
NEW 488150 1 EACH	Nokia CBU-3 Length of Ownership	Leather Carry case with Shoulder Strap Black	29.95 1 0.45	24.59 23.75 23.65
NEW 494378 1 EACH	Nokia CSL-21 Limited Lifetime	Horizontal Leather Case with belt clip and magnetic closure. Black	14.95 0.17 0.08	8.05 7.79 7.76
NEW 485173 1 EACH	Nokia CSL-18 Length of Ownership	Leather Carry Sleeve with wrist strap Black	12.00 0.3 0.14	9.13 8.83 8.80

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 441163 1 EACH	Nokia CSM-10 Length of Ownership	Blue Microfiber Case Black	9.90 0.3 0.14	
NEW 448190 1 EACH	Nokia CSM-10W Length of Ownership	White Microfiber Case Black	9.90 0.3 0.14	
NEW 458160 1 EACH	Nokia CSM-10S Length of Ownership	Silver Microfiber Case Black	9.90 0.3 0.14	

Nite Ize Holsters

437345

The Stand-Up Phone Holster provides the ultimate in protection and usability your phone. Durable Ballistic nylon protects from moisture and scratches, and secure holstering mechanism ensures your phone will never leave your belt un tionally

- Available in three sizes: small, medium and large. Elastic sides expand to accomodate various phones
- Multiple pockets hold accessories
- Bendable metal frame stands, hangs or attaches to holster and provides a hands-free workstation
- Security snap attaches securely to belt
- Open-ended design for CLA's, headset or othe phone accessories

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 437345 1 EACH	Nite Ize SUMP-07-01 2 years	Medium holster. Phone must fit into 5 1/2L" x 3 1/8"W x 1 1/4D" pocket.	28.25 0.15 0.07	

Nite Ize Protective Case

422375 424372 467363 482355

Boxit mobile phone case provides the ultima protection for any environment.

- Molded polyurethane front and polycarbonate back protects phone from moisture, dirt, dust, and shock. Floats too!
- Includes two different lids to accomodate nearly every phone. Antenna extensions and plugs are included for nearly every style antenna.
- Hear and talk through flexible transparent face while a special waterproof Gore audio membra enhances audibility and guarantees effective sou transmission
- Operates from -40F to +140F. Approved to IP45 and IP65

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 422375 1 EACH	Nite Ize NBX-07-01 2 years	BOXIT universal phone case. Onyx color	46.20 0.15 0.07	24 23 23
NEW 424372 1 EACH	Nite Ize NBX-07-04 2 years	BOXIT universal phone case. Crystal color.	46.20 0.15 0.07	24 23 23
NEW 467363 1 EACH	Nite Ize NBX-07-28 2 years	BOXIT universal phone case. Citron color.	46.20 0.15 0.07	24 23 23
NEW 482355 1 EACH	Nite Ize NBX-07-03 2 years	BOXIT universal phone case. Aqua color.	46.20 0.15 0.07	24 23 23

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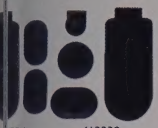
Waterproof Cases, Belt Clips [310-60]

reless Solutions Beltclips



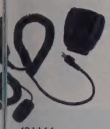
754 413338

Belt clips designed to conveniently snap onto the phone to securely hold it in place. Holds the phone without the need for a leather carry case.

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
54 CH	Wireless Solutions 30754 Lifetime	Universal Belt Clip includes three different swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21
W 38 CH	Wireless Solutions 458379U Lifetime	Universal Belt Clip includes two swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21

Hands Free Kits, Mics, Headsets [262-09]

kia Handsfree Kit



421166

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 66 CH	Nokia CARK-130 Length of Ownership	Express Car Kit. Includes PPH-1, MBD-10, HHS-15, HFM-8.	98.00 2.5 1.14	70.47 68.02 67.72

mplete Nokia Car Kits

491188

NOKIA Handsfree Installation Kit for permanent mounting in a vehicle. Allows you to convert your portable phone into a complete in-car phone. Provides hands-free, external antenna connection, external speaker, fast charger and mounting hardware.

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 88 CH	Nokia CARK-132 3 Year	Complete handsfree car kit. Professional install recommended. External antenna connection terminates with an FME connector.	158.00 1.8 0.82	113.61 109.66 109.18

Headsets [262-10]

a In-the-Ear Headset

The JABRA Corporation's headset features an innovative all-in-the-ear speaker and microphone. Built-in noise reduction technology for clear transmissions. Totally portable and digital-ready. Four-foot cable, six EarGels and standard 2.5 mm plug for direct connection to mobile phone.

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
6 CH	Jabra Corporation ESNOK8860302 1 year	EarSet with built-in microphone and eargel ear piece.	30.95 0.4 0.18	17.62 15.46 15.15

Jabra Earboom Winder

458103

The EarBoom Winder gives you a tangle-free solution to handsfree communication. Talk handsfree when you're on the go, then retract the cord and stow the EarBoom at the touch of a button.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 458103 1 EACH	Jabra Corporation EMWINDERNOK8 8302 1 Year	EarWinder Headset. Retail packaged.	34.90 0.35 0.16	19.90 17.45 17.11

Nokia Headset Kit

461199 443374

Nokia headset kit. Includes a intergrated earpiece and microphone for handsfree conversations and a cord mounted answer/end button for convenience. Special 2.5mm jack that only works with the Nokia 8860.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 430359 1 EACH	Nokia HDD-1 Length of Ownership	Dual Headset	19.50 0.35 0.16	14.53 14.04 13.98
461199 1 EACH	Nokia HDE-2 3 Year	Ear bud headset kit. 2.5mm jack.	9.95 0.17 0.08	5.83 5.64 5.62
NEW 443374 1 EACH	Nokia HDB-5 3 Year	Headset kit. Special 2.5mm jack that only works with these phones. Built-in answer/end key.	24.95 0.17 0.08	9.85 9.53 9.49

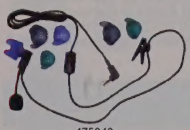
Inductive Loop for Hearing Aids

70381

Nokia inductive loop for hearing impaired users. Easy to use device for smooth interaction between T-coil equipped hearing aid and a portable NOKIA phone. Consists of a wire loop that goes around the user's neck and connects to the bottom of the phone. Loopset transmits speech from the phone to the aid.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 70381 1 EACH	Nokia LPS-3 1 Year	For use between a T-coil equipped hearing aid and the phone.	69.95 0.22 0.1	48.90 47.20 46.99

Wireless Solutions EarBoom Headset



475040

Wireless Solutions In The Ear headset features a boom mic. Comfortable. Provide good mic sound as well as in the ear speaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
475040 1 EACH	Wireless Solutions 497057U Lifetime	Earboom Headset	31.00 0.4 0.18	13.31 11.32 9.31

! = New Listing. Pricing for reference only.
ESSCO.com for latest pricing and products.
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Nokia 7210

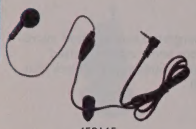
Wireless Solutions EarBud Headset

488021

The Wireless Soluitons EarBud is the most cost-effective, solution for mobile phone users wanting a hands-free alternative at a value price. The EarBud integrates the microphone as part of the cable leading from the ear to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
488021	Wireless Solutions	Earbud Headset. Includes six eargels.	27.00	12.09
1 EACH	426080U		0.4	10.09
	Lifetime		0.18	8.09

Wireless Solutions Bud Headset



458165

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Wireless Solutions	Bud Headset	7.75	5.27
458165	440193U		0.35	4.22
1 EACH	1 Year		0.16	3.60

Mounting Plates, Cradles, Holders [150-40]

Nokia Phone Cradles

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Nokia	Nokia 6510, 8310, and 8390 mobile holder. Includes	16.95	12.60
498186	MBD-10	HHS-15 swivel mount and MBC-10 mobile holder	0.35	12.17
1 EACH	L of O		0.16	12.08

UltiMount

28327

The UltiMount by Pro.Fit International secures any phone or car kit in any vehicle. It swivels, rotates and adjusts to virtually any position and installs in seconds with 3M acrylic foam tape. No tools are needed. Great for cars, trucks, RV's or boats. Designed for cell phones, two- way radios, handheld GPS units and PDA's. The complete system includes a swivel belt clip, Nokia button, round and oblong buttons and surface preparation supplies. Will also work with a case with a built-in belt clip. Premium trifold clam-shell package with a color insert card and complete instructions for installing and removing.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
28327	Pro.Fit International	UltiMount	24.95	15.00
1 EACH	UL747		0.5	13.98
	Lifetime		0.23	13.95

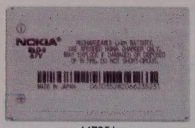
Compatible Phone Model

Nokia 7210

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

Nokia Portable Phone Batteries



447351

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)
NEW	Nokia	720 mAH Lilo battery	30.00
447351	BLD-3	720	0.12
1 EACH			0.05

Face Plates [311-10]

Nokia 7210 Faceplates

435364 449361

A&B cover for the Nokia 7210 phone

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW	Nokia	Red A&B cover for 7210.	25.50
435364	SKR-247		0.24
1 EACH			0.11
NEW	Nokia	Black A&B cover for the 7210.	25.50
444386	SKR-243		0.2
1 EACH			0.09
NEW	Nokia	Yellow A&B cover for 7210.	25.50
449361	SKR-251		0.24
1 EACH			0.11

NEW = New Listing. Pricing for reference
See TESSCO.com for latest pricing and pro
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F Fun Friends

499325

Fun Friends are leading the way with adorable characters that give new attitude to these otherwise dull products. Fun Friends are a perfect match for all who enjoy plush characters ranging from Funky the Monkey to Tadpole our Lime Green Frog.

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 318 CH	funphonefriend.com A-05 30 days	Fun Friends phone cover. Tapole Frog	15.00 0.32 0.15	6.50 5.75 5.21
W 345 CH	funphonefriend.com A-01 30days	FunFriends phone cover. Bully-Bulldog	15.00 0.32 0.15	6.50 5.75 5.21
W 370 CH	funphonefriend.com A-22 30 days	Fun Friends Funky- Monkey	15.00 0.32 0.15	6.50 5.75 5.21
W 386 CH	funphonefriend.com A-3 30 days	Fun Friends phone covers. Floppy Reg	15.00 0.32 0.15	6.50 5.75 5.21
W 305 CH	funphonefriend.com A-19 30 days	FunFriends phone cover. ALI- Aligator	15.00 0.32 0.15	6.50 5.75 5.21
W 391 CH	funphonefriend.com A-16 30 days	Fun Friends phone covers. Spotty Flip- Dalmation Dog	15.00 0.32 0.15	6.50 5.75 5.21
W 325 CH	funphonefriend.com A-27 30 days	Fun Friends phone cover. Santa	15.00 0.32 0.15	6.50 5.75 5.21
W 374 CH	funphonefriend.com A-15 30 days	Fun Friends phone covers. Dangles- Dog Hanging Legs	15.00 0.32 0.15	6.50 5.75 5.21
W 389 CH	funphonefriend.com A-24 30 days	Fun Friends phone covers. Munchie- Manatee	15.00 0.32 0.15	6.50 5.75 5.21
W 359 CH	funphonefriend.com A-10 30 days	Fun Friends phone covers. Kit Kat- Cat	15.00 0.32 0.15	6.50 5.75 5.21
W 341 CH	funphonefriend.com A-7 30 days	Fun Friends phone cover. Larry -Lobster	15.00 0.32 0.15	6.50 5.75 5.21
W 397 CH	funphonefriend.com A-21 30 days	Fun Friends phone covers. Cheeser- Mouse	15.00 0.32 0.15	6.50 5.75 5.21
W 340 CH	funphonefriend.com A-09 30 days	Fun Friends phone covers. Oinky- Pig	15.00 0.32 0.15	6.50 5.75 5.21
W 325 CH	funphonefriend.com A-20 30 days	Fun Friends phone covers. Moo Moo- Cow	15.00 0.32 0.15	6.50 5.75 5.21

Chargers, Desk Top, Travel [305-60]

Nokia Chargers

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

- Chargers used with Desk Top Charging Stands or battery charger adapters. Plugs into 120V outlet.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 466345 1 EACH	Nokia ACP-12U Limited Lifetime	Travel Charger for Nokia 9290, 6360, 6340, 6310, 7210, 7290, 8390.	24.95 0.3 0.14	14.53 14.04 13.98

Nokia Desk Top Charging Stands

Desktop charging stand for Nokia Cellular phones. Provides a convenient way to charge the phone. Used with an external power supply (different power supplies for fast charging, trickle charging, or automotive charging). REQUIRES TRAVEL CHARGER (sold separately).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 445347 1 EACH	Nokia DCV-14 1 Year	Desktop Charging Stand-Requires DKU-5 for data.	29.95 0.18 0.08	16.90 16.31 16.24

Cases for Portable Cellular Phones [310-10]

Nokia OEM Phone Cases

417306

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 417306 1 EACH	Nokia CSL-23 Length of Ownership	Leather Case. Black	14.95 0.2 0.09	8.05 7.79 7.76

Nite Ize Holsters

437345

The Stand-Up Phone Holster provides the ultimate in protection and usability for your phone. Durable Ballistic nylon protects from moisture and scratches, and a secure holstering mechanism ensures your phone will never leave your belt unintentionally

- Available in three sizes: small, medium and large. Elastic sides expand to accomodate various phones
- Multiple pockets hold accessories
- Bendable metal frame stands, hangs or attaches to holster and provides a hands-free workstation
- Security snap attaches securely to belt
- Open-ended design for CLA's, headset or other phone accessories

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 437345 1 EACH	Nite Ize SUMP-07-01 2 years	Medium holster. Phone must fit into 5 1/2L" x 3 1/8"W x 1 1/4D" pocket.	28.25 0.15 0.07	14.68 14.34 14.11

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Nokia 7210

Nite Ize Protective Case

422375 424372 467363 482355

Boxit mobile phone case provides the ultimate protection for any environment.

- Molded polyurethane front and polycarbonate back protects phone from moisture, dirt, dust, and shock. Floats too!
- Includes two different lids to accomodate nearly every phone. Antenna extensions and plugs are included for nearly every style antenna.
- Hear and talk through flexible transparent face while a special waterproof Gore audio membrane enhances audibility and guarantees effective sound transmission
- Operates from -40F to +140F. Approved to IP45 and IP65

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Nite Ize	BOXIT universal phone case. Onyx color	46.20	24.01
422375	NBX-07-01		0.15	23.47
1 EACH	2 years		0.07	23.09
NEW	Nite Ize	BOXIT universal phone case. Crystal color.	46.20	24.01
424372	NBX-07-04		0.15	23.47
1 EACH	2 years		0.07	23.09
NEW	Nite Ize	BOXIT universal phone case. Citron color.	46.20	24.01
467363	NBX-07-28		0.15	23.47
1 EACH	2 years		0.07	23.09
NEW	Nite Ize	BOXIT universal phone case. Aqua color.	46.20	24.01
482355	NBX-07-03		0.15	23.47
1 EACH	2 years		0.07	23.09

Headsets [262-10]

Nokia Headset Kit

434346

Nokia headset kit. Includes a intergrated earpiece and microphone for handsfree conversations and a cord mounted answer/end button for convenience. Special 2.5mm jack that only works with the Nokia 8860.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Nokia	NOKIA HDS-3 stereo headset with mic and answer/	20.00	15.30
434346	HDS-3	end button.	0.25	14.90
1 EACH			0.11	14.40

NOKIA Hands Free Headsets

420363

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

- Nokia handsfree headset kit. Allows handsfree operation of phone. Includes "bud" type earpiece that plugs into the ear. Answer/End button is located in the microphone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Nokia	NOKIA HDB-4, Boom Headset.	13.00	10.12
420363	HDB-4		0.25	9.86
1 EACH	1 Year		0.11	9.54
NEW	Nokia	NOKIA BHF-1 headrest handsfreekit.	68.00	48.90
471351	BHF-1		0.3	47.20
1 EACH	1 Year		0.14	46.99

Inductive Loop for Hearing Aids

Nokia inductive loop for hearing impaired users. Easy to device for smooth interaction between T-coil equipped ing aid and a portable NOKIA phone. Consists of a wire that goes around the user's neck and connects to the bo of the phone. Loopset transmits speech from the phone the aid.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
NEW	Nokia	nductive loop for use between a T-coil equipped hearing	64.95	4
437360	LPS-4	aid and the phone.	0.22	4
1 EACH	1 Year		0.1	4

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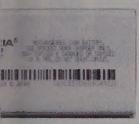
Compatible Phone Models:

Nokia 8260

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

kia Portable Phone Batteries



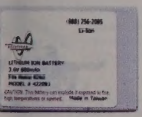
434074

412028

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

No. Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
074	Nokia	Replacement Battery Black	59.00	32.14
CH	BLB-3	1000 mAh 4 hours DTT/72 hours DST	0.2	31.04
	1 year		0.09	30.91
028	Nokia	Replacement Battery White	49.95	24.95
CH	BLB-2	650mah Lilo 2-3 hours DTT/6 days DST.	0.2	24.10
	1 Year		0.09	24.00

eless Solutions Batteries



456006

Quality, Great Value

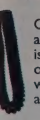
- Available with merchandising system that drives multiple and repeat purchases to improve overall profitability

ctive retail packaging that promotes self selec- and consumer education

No. Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
06	Wireless Solutions	Replacement Battery Black	30.55	21.52
CH	422093U	900 mAh Lilo 1 to 4 hours DTT/2 to 6 days DST	0.25	17.51
	Lifetime		0.11	15.76

Vehicle Power Adapters [275-10]

kia (OEM) Vehicle Power Adapters



Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories. These products are used by directly plugging onto the phone without removing the battery. Provides power to the phone and charges the battery at the same time.

4

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
34	Nokia	Vehicle Power Adapter. Retail Packaged.	19.95	7.63
CH	LCH-9		0.32	7.39
	Lifetime		0.15	7.34

Wireless Solutions Vehicle Power Adapter

16647

Wireless Solutions Vehicle adapters are a great value, and high quality. Quality tested cable returns to original shape after multiple stretches. Attractive retail packaging.

- Variable rate charging for safety & convenience (no overcharging)
- Enough current to make a call with a discharged battery
- Attractive retail packaging that promotes self selection and consumer education
- Available with revolutionary merchandising system that drives multiple and repeat purchase to improve overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
16647	Wireless Solutions	Vehicle Power Adapter. Retail Packaged.	23.00	7.24
1 EACH	16647		0.35	5.91
	1 Year		0.16	4.60

Face Plates [311-10]

FPF Fun Friends

Fun Friends are leading the way with adorable characters that give new attitude to these otherwise dull products. Fun Friends are a perfect match for all who enjoy plush characters ranging from Funky the Monkey to Tadpole our Lime Green Frog.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	funphonefriend.com	Fun Friends phone cover. Tapole Frog	15.00	6.50
417318	A-05		0.32	5.75
1 EACH	30 days		0.15	5.21
NEW	funphonefriend.com	FunFriends phone cover. Bully-Bulldog	15.00	6.50
425345	A-01		0.32	5.75
1 EACH	30days		0.15	5.21
NEW	funphonefriend.com	Fun Friends Funky- Monkey	15.00	6.50
440370	A-22		0.32	5.75
1 EACH	30 days		0.15	5.21
NEW	funphonefriend.com	FunFriends phone cover. ALI- Aligator	15.00	6.50
454305	A-19		0.32	5.75
1 EACH	30 days		0.15	5.21
NEW	funphonefriend.com	Fun Friends phone cover. Santa	15.00	6.50
474325	A-27		0.32	5.75
1 EACH	30 days		0.15	5.21
NEW	funphonefriend.com	Fun Friends phone covers. Dangles- Dog Hanging Legs	15.00	6.50
481374	A-15		0.32	5.75
1 EACH	30 days		0.15	5.21
NEW	funphonefriend.com	Fun Friends phone covers. Munchie- Manatee	15.00	6.50
482389	A-24		0.32	5.75
1 EACH	30 days		0.15	5.21

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Nokia 8260

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 486359 1 EACH	funphonefriend.com A-10 30 days	Fun Friends phone covers. Kit Kat- Cat	15.00 0.32 0.15	6.50 5.75 5.21
NEW 488341 1 EACH	funphonefriend.com A-7 30 days	Fun Friends phone cover. Larry -Lobster	15.00 0.32 0.15	6.50 5.75 5.21
NEW 490397 1 EACH	funphonefriend.com A-21 30 days	Fun Friends phone covers. Cheeser- Mouse	15.00 0.32 0.15	6.50 5.75 5.21
NEW 491340 1 EACH	funphonefriend.com A-09 30 days	Fun Friends phone covers. Oinky- Pig	15.00 0.32 0.15	6.50 5.75 5.21
NEW 499325 1 EACH	funphonefriend.com A-20 30 days	Fun Friends phone covers. Moo Moo- Cow	15.00 0.32 0.15	6.50 5.75 5.21

Chargers, Desk Top, Travel [305-60]

Nokia Chargers

471158

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

- Chargers used with Desk Top Charging Stands or battery charger adapters. Plugs into 120V outlet.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 466345 1 EACH	Nokia ACP-12U Limited Lifetime	Travel Charger for Nokia 9290, 6360, 6340, 6310, 7210, 7290, 8390.	24.95 0.3 0.14	14.53 14.04 13.98
NEW 471158 1 EACH	Nokia ACP-8U Limited Lifetime	Rapid Travel Charger For Nokia 32/33/61/63/64/82/ 8800.	19.95 0.4 0.18	13.09 12.65 12.60

Nokia Desk Top Charging Stands

458042

Desktop charging stand for Nokia Cellular phones. Provides a convenient way to charge the phone. Used with an external power supply (different power supplies for fast charging, trickle charging, or automotive charging). REQUIRES TRAVEL CHARGER (sold separately).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
458042 1 EACH	Nokia DDC-1 1 Year	Desktop Charging Stand Only for spare battery only.	39.95 0.3 0.14	25.53 24.64 24.54

Nokia Desk Top Charging Stands

84300

Desktop charging stand for Nokia Cellular phones. Provides a convenient way to charge the phone and connect for data. Used with an external power supply (different power supplies for fast charging, trickle charging, or automotive charging). REQUIRES TRAVEL CHARGER (sold separately).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
84300 1 EACH	Nokia DCV-11 1 Year	Single Port Desk Top Charger	17.95 0.3 0.14	8.27 7.99 7.95

Wireless Solutions Travel Charger

93302

- Plugs into any 110 volt outlet
- Use your phone while it is charging
- Rapid Charges batteries in about 2-4 hours
- Attractive retail packaging that promotes self s tion and consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
93302 1 EACH	Wireless Solutions 93302 Lifetime	Travel Charger	8.65 0.56 0.25

Cases for Portable Cellular Phones [310-10]

Nokia OEM Phone Cases

477073

Original accessories... "from the people that made your phone(TM)." OEMs and manufacture accessories to match the specific requirements of their ph satisfying the most demanding customer. You can trust the high quality and p mance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)
477073 1 EACH	Nokia CSH-1 Length of Ownership	Leather Case with swivel clip attachment and belt clip. Black	19.95 0.2 0.09

Wireless Solutions Cases

451047 466095

- High quality leather
- Nylon stitching
- Leather covered rust resistant spring clip
- Mylar plastic that will not yellow or crack
- Environmentally tested to ensure durability
- Attractive retail packaging that promotes self s tionand consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt.(lbs) Wgt. (kg.)
451047 1 EACH	Wireless Solutions 411040U Lifetime	Leather Case with full vinyl face. Retail packaged. Black	11.60 0.3 0.14
466095 1 EACH	Wireless Solutions 422057U Lifetime	Leather Case. Retail packaged. Black	11.60 0.3 0.14

Wireless Solutions Phone Holsters

418161

- Phone Holster can ratchet 180 degrees.
- Phone sits firmly in place inside of holster.
- Holster is manufactured with high-impact plasti

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)
418161 1 EACH	Wireless Solutions 429137U 1 Year	Ratcheting Phone Holster Black	7.75 0.3 0.14

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Waterproof Cases, Belt Clips [310-60]

lt Clips for Nokia Phones

41003

Belt clips designed to conveniently snap onto the phone to securely hold it in place. Holds the phone without the need for a leather carry case.

No. om	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
003 CH	Nokia SKB-3 Lifetime	Belt Clip/ Mobile Holder for Nokia 8260. This item is intended to be used with the HF kit. It does not include a cradle for the phone. Black	14.95 0.25 0.11	9.13 8.83 8.80

reless Solutions Beltclips

754 413338

Belt clips designed to conveniently snap onto the phone to securely hold it in place. Holds the phone without the need for a leather carry case.

No. om	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
54 CH	Wireless Solutions 30754 Lifetime	Universal Belt Clip includes three different swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21
V 3B CH	Wireless Solutions 458379U Lifetime	Universal Belt Clip includes two swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21

Hands Free Kits, Mics, Headsets [262-09]

kia Handsfree Kit

79026

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
V 1 H	Nokia PPH-3 1 Year	Plug and Play handsfree unit for CARK-114/ 120.	69.00 0.52 0.24	64.71 62.46 62.19
6 H	Nokia CARK-120 3 Year	NOKIA Express Handsfree Car Kit for the Nokia 8260 wireless phone. Includes HHS-12 Swivel Mount, PPH-3 CLA/Speaker, SKB-3 Phone Clip, HFM-8 mic.	78.00 1.05 0.48	56.09 54.14 53.90

rteq Handsfree Kits

464197

Smarteq handsfree car kits use patented antenna coupling technology for the newest wireless phones that use inductive antennas. Each kit terminates in an FME male connector.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
7 H	Smarteq 70939 1 Year	Installed Handsfree Car Kit	197.75 2.1 0.95	124.95 119.55 112.50

Headsets [262-10]

Jabra In-the-Ear Headset

The JABRA Corporation's headset features an innovative all-in-the-ear speaker and microphone. Built-in noise reduction technology for clear transmissions. Totally portable and digital-ready. Four-foot cable, six EarGels and standard 2.5 mm plug for direct connection to mobile phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
59796 1 EACH	Jabra Corporation ESNOK8860302 1 year	EarSet with built-in microphone and eargel ear piece.	30.95 0.4 0.18	17.62 15.46 15.15

Jabra EarBoom Headset

460032

"Fits-your-face," flexible mini-boom is comfortable and non-intrusive. For those who need to talk and listen "on the move." The custom-fit EarGel channels sound into your ear for great reception.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
460032 1 EACH	Jabra Corporation EMNOK8860302 1 Year	EarBoom Headset. With In-Line On/Off Button.	24.95 0.3 0.14	14.23 12.48 12.23

Jabra EarBud Headset

415073

The JABRA EarBud is the most cost-effective, JABRA solution for mobile phone users wanting a hands-free alternative at a value price. The JABRA EarBud uses the patented EarGel for a secure fit and contemporary styling. Unlike the EarSet and Ear Boom solutions, the EarBud integrates the microphone as part of the cable leading from the ear to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
415073 1 EACH	Jabra Corporation EBNOK8860302 1 Year	EarBud Headset	19.95 0.4 0.18	11.38 9.98 9.78

Jabra Earboom Winder

458103

The EarBoom Winder gives you a tangle-free solution to handsfree communication. Talk handsfree when you're on the go, then retract the cord and stow the EarBoom at the touch of a button.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 458103 1 EACH	Jabra Corporation EMWINDERNOK8 8302 1 Year	EarWinder Headset. Retail packaged.	34.90 0.35 0.16	19.90 17.45 17.11

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Nokia 8260

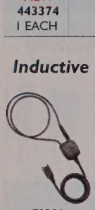
Nokia Headset Kit

498000 461199 443374

Nokia headset kit. Includes a intergrated earpiece and microphone for handsfree conversations and a cord mounted answer/end button for convenience. Special 2.5mm jack that only works with the Nokia 8860.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
498000 I EACH	Nokia HDC-5 3 Year	Headset kit. Special 2.5mm jack that only works with these phones. Built-in answer/end key.	21.95 0.17 0.08	8.41 8.14 8.11
461199 I EACH	Nokia HDE-2 3 Year	Ear bud headset kit. 2.5mm jack.	9.95 0.17 0.08	5.83 5.64 5.62
NEW **443374** I EACH	Nokia HDB-5 3 Year	Headset kit. Special 2.5mm jack that only works with these phones. Built-in answer/end key.	24.95 0.17 0.08	9.85 9.53 9.49

Inductive Loop for Hearing Aids



70381

Nokia inductive loop for hearing impaired users. Easy to use device for smooth interaction between T-coil equipped hearing aid and a portable NOKIA phone. Consists of a wire loop that goes around the user's neck and connects to the bottom of the phone. Loopset transmits speech from the phone to the aid.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **70381** I EACH	Nokia LPS-3 I Year	For use between a T-coil equipped hearing aid and the phone.	69.95 0.22 0.1	48.90 47.20 46.99

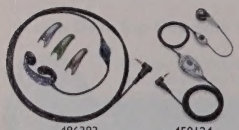
Plantronics Over-The-Ear Headsets

475183

All Plantronics over-the-ear wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hard-wired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
475183 I EACH	Plantronics M133-N1 I Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, blurple color. Includes in-line call answer/end control.	35.10 0.4 0.18	23.34 18.30 17.55

Plantronics Discreet Earbud Headsets



486383 450124

All Plantronics earbud headsets for wireless phones feature Flexfit(TM) design for increased stability, RF noise shielded cable, advanced speaker technology, and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **486383** I EACH	Plantronics MX103-N1 I Year	Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19.59 15.36 14.73
450124 I EACH	Plantronics M206-N1 I Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and call answer/end controls.	32.00 0.6 0.27	21.25 16.66 15.98

Wireless Solutions EarBoom Headset

475040

Wireless Solutions In The Ear headset features a boom mic fortable. Provide good mic sound as well as in the ear speak

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
475040 I EACH	Wireless Solutions 497057U Lifetime	Earboom Headset	31.00 0.4 0.18	

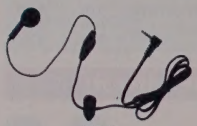
Wireless Solutions EarBud Headset

488021

The Wireless Soluitons EarBud is the most cost-effective, solution for mobile phone users wanting a hands-free alternative at a value price. T EarBud integrates the microphone as part of the cable leading from th to the phone. Its improved circuitry eliminates the buzz often found i lower quality solutions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
488021 I EACH	Wireless Solutions 426080U Lifetime	Earbud Headset. Includes six eargels.	27.00 0.4 0.18	

Wireless Solutions Bud Headset



458165

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
NEW **458165** I EACH	Wireless Solutions 440193U I Year	Bud Headset	7.75 0.35 0.16	

Portable Cellular Phone Accessory Kit [262-50]

Nokia Accessory Kit

472191

Original accessories... "from the people that made your phone(TM) OEMs design and manufacture accessories to match the specific re ments of their phones, satisfying the most demanding customer. You trust the high quality and performance of original accessories.

- Accessory Kit. Includes rapid cigarette lighter charger and case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
NEW **472191** I EACH	Nokia 496046/12264 I Year	Starter kit. Includes cigarette lighter charger and leather case.	39.90 0.5 0.23	

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ireless Solutions Starter Kits

460078

Starter Kits include a glove leather fitted case and a vehicle power adapter. Wireless Solutions Retail Packaging.

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
078 CH	Wireless Solutions 38868U Lifetime	Starter Kit-Includes Vehicle Power Adapter and Open-Faced Leather Case	33.00 0.5 0.23	13.90 11.92 9.90

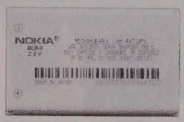
Compatible Phone Models:

Nokia 8265

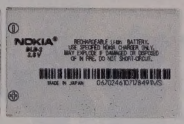
If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

Nokia Portable Phone Batteries



434074

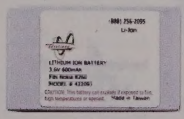


412028

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
434074 1 EACH	Nokia BLB-3 1 year	Replacement Battery Black 1000 mAh 4 hours DTT/72 hours DST	59.00 0.2 0.09	32.14 31.04 30.91
412028 1 EACH	Nokia BLB-2 1 Year	Replacement Battery White 650mah Lilo 2-3 hours DTT/6 days DST.	49.95 0.2 0.09	24.95 24.10 24.00

Wireless Solutions Batteries



456006

- High Quality, Great Value
- Attractive retail packaging that promotes self selection and consumer education
- Available with merchandising system that drives multiple and repeat purchases to improve overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
456006 1 EACH	Wireless Solutions 422093U Lifetime	Replacement Battery Black 900 mAh Lilo 1 to 4 hours DTT/2 to 6 days DST	30.55 0.25 0.11	21.52 17.51 15.76

Vehicle Power Adapters [275-10]

Nokia (OEM) Vehicle Power Adapters

12634

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories. These products are used by directly plugging onto the phone without removing the battery. Provides power to the phone and charges the battery at the same time.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
12634 1 EACH	Nokia LCH-9 Lifetime	Vehicle Power Adapter. Retail Packaged.	19.95 0.32 0.15	7.63 7.39 7.34

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Wireless Solutions Vehicle Power Adapter

16647

Wireless Solutions Vehicle adapters are a great value, and high quality. Quality tested cable returns to original shape after multiple stretches. Attractive retail packaging.

- Variable rate charging for safety & convenience (no overcharging)
- Enough current to make a call with a discharged battery
- Attractive retail packaging that promotes self selection and consumer education
- Available with revolutionary merchandising system that drives multiple and repeat purchase to improve overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
16647 I EACH	Wireless Solutions 16647 1 Year	Vehicle Power Adapter. Retail Packaged.	23.00 0.35 0.16	7.24 5.91 4.60

Face Plates [311-10]

FPF Fun Friends

417318 425345 440370

454305 474325 481374

482389 486359 488341

490397 491340 499325

Fun Friends are leading the way with adorable characters that give new attitude to these otherwise dull products. Fun Friends are a perfect match for all who enjoy plush characters ranging from Funky the Monkey to Tadpole our Lime Green Frog.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 417318 I EACH	funphonefriend.com A-05 30 days	Fun Friends phone cover. Tapole Frog	15.00 0.32 0.15	6.50 5.75 5.21
NEW 425345 I EACH	funphonefriend.com A-01 30days	FunFriends phone cover. Bully-Bulldog	15.00 0.32 0.15	6.50 5.75 5.21
NEW 440370 I EACH	funphonefriend.com A-22 30 days	Fun Friends Funky- Monkey	15.00 0.32 0.15	6.50 5.75 5.21
NEW 454305 I EACH	funphonefriend.com A-19 30 days	FunFriends phone cover. ALI- Aligator	15.00 0.32 0.15	6.50 5.75 5.21
NEW 474325 I EACH	funphonefriend.com A-27 30 days	Fun Friends phone cover. Santa	15.00 0.32 0.15	6.50 5.75 5.21
NEW 481374 I EACH	funphonefriend.com A-15 30 days	Fun Friends phone covers. Dangles- Dog Hanging Legs	15.00 0.32 0.15	6.50 5.75 5.21
NEW 482389 I EACH	funphonefriend.com A-24 30 days	Fun Friends phone covers. Munchie- Manatee	15.00 0.32 0.15	6.50 5.75 5.21

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
NEW 486359 I EACH	funphonefriend.com A-10 30 days	Fun Friends phone covers. Kit Kat- Cat	15.00 0.32 0.15	
NEW 488341 I EACH	funphonefriend.com A-7 30 days	Fun Friends phone cover. Larry -Lobster	15.00 0.32 0.15	
NEW 490397 I EACH	funphonefriend.com A-21 30 days	Fun Friends phone covers. Cheeser- Mouse	15.00 0.32 0.15	
NEW 491340 I EACH	funphonefriend.com A-09 30 days	Fun Friends phone covers. Oinky- Pig	15.00 0.32 0.15	
NEW 499325 I EACH	funphonefriend.com A-20 30 days	Fun Friends phone covers. Moo Moo- Cow	15.00 0.32 0.15	

Nokia 8265 Faceplates

415354 466334 485334 489383

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
NEW 415354 I EACH	Nokia SKR-199 1 Year Limited	NOKIA OEM A & B Color Covers , Orange , Keymat Included	25.50 0.25 0.11	
NEW 466334 I EACH	Nokia SKR-198 1 Year Limited	NOKIA OEM A & B Color Covers , Pink , Keymat Included	25.50 0.25 0.11	
NEW 485334 I EACH	Nokia SKR-197 1 Year Limited	NOKIA OEM A & B Color Covers , Purple , Keymat Included	25.50 0.25 0.11	
NEW 489383 I EACH	Nokia SKR-196 1 Year Limited	NOKIA OEM A & B Color Covers , Blue, Keymat Included	25.50 0.25 0.11	

Chargers, Desk Top, Travel [305-60]

Nokia Chargers

12531 471158

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to m the specific requirements of their phones, satisfying the mos demanding customer. You can trust the high quality and perf mance of original accessories.

- Chargers used with Desk Top Charging Stands or battery charger adapters. Plugs into 120V outlet.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
12531 I EACH	Nokia ACP-7U Limited Lifetime	Travel Charger for 32/33/51/61/63/64/71/83/8800 phones.	13.00 0.3 0.14	5 5 5
NEW 466345 I EACH	Nokia ACP-12U Limited Lifetime	Travel Charger for Nokia 9290, 6360, 6340, 6310, 7210, 7290, 8390.	24.95 0.3 0.14	14 14 13
NEW 480381 I EACH	Nokia ACP-7E Limited Lifetime	European Travel Charger For 8550 and 3210.	13.00 0.3 0.14	5 4 4
NEW 486358 I EACH	Nokia ACP-8E Limited Lifetime	European Rapid Travel Charger For 8850 and 3210.	19.95 0.4 0.18	12 12 12
NEW 471158 I EACH	Nokia ACP-8U Limited Lifetime	Rapid Travel Charger For Nokia 32/33/61/63/64/82/ 8800.	19.95 0.4 0.18	13 12 12

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reless Solutions Travel Charger

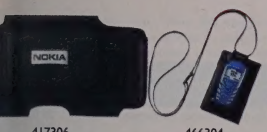
3302

- into any 110 volt outlet
- our phone while it is charging
- Rapid Charges batteries in about 2-4 hours
- Attractive retail packaging that promotes self selection and consumer education

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
02 CH	Wireless Solutions 93302 Lifetime	Travel Charger	8.65 0.56 0.25	6.34 5.14 3.95

Cases for Portable Cellular Phones [310-10]

ia OEM Phone Cases



417306 466304

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
06 H	Nokia CSL-23 Length of Ownership	Leather Case. Black	14.95 0.2 0.09	8.05 7.79 7.76
04 H	Nokia CSL-22 Life of ownership.	Hard Leather Case with adjustable shoulder strap and belt clip. Retail box. Black	27.95 0.35 0.16	16.68 16.12 16.05

less Solutions Cases

7

- uality leather
- stitching
- r covered rust resistant spring clip
- Mylar plastic that will not yellow or crack
- Environmentally tested to ensure durability
- Attractive retail packaging that promotes self selectionand consumer education

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
7 H	Wireless Solutions 411040U Lifetime	Leather Case with full vinyl face. Retail packaged. Black	11.60 0.3 0.14	7.50 6.87 6.30

less Solutions Standard Cases

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
5 H	Wireless Solutions 465382 90 Days	Leather case with swivel belt clip Black	11.60 0.25 0.11	7.50 6.87 6.30

Nite Ize Holsters

The Stand-Up Phone Holster provides the ultimate in protection and usability for your phone. Durable Ballistic nylon protects from moisture and scratches, and a secure holstering mechanism ensures your phone will never leave your belt unintentionally

- Available in three sizes: small, medium and large. Elastic sides expand to accomodate various phones
- Multiple pockets hold accessories
- Bendable metal frame stands, hangs or attaches to holster and provides a hands-free workstation
- Security snap attaches securely to belt
- Open-ended design for CLA's, headset or other phone accessories

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 475394 1 EACH	Nite Ize SUSP-07-01 2 Years	Small holster. Phone must fit into 4 1/4L" x 3 1/8W" x 1 1/4D" pocket.	28.25 0.15 0.07	14.68 14.34 14.11

Nite Ize Protective Case

422375 424372 467363 482355

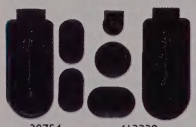
Boxit mobile phone case provides the ultimate protection for any environment.

- Molded polyurethane front and polycarbonate back protects phone from moisture, dirt, dust, and shock. Floats too!
- Includes two different lids to accomodate nearly every phone. Antenna extensions and plugs are included for nearly every style antenna.
- Hear and talk through flexible transparent face while a special waterproof Gore audio membrane enhances audibility and guarantees effective sound transmission
- Operates from -40F to +140F. Approved to IP45 and IP65

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 422375 1 EACH	Nite Ize NBX-07-01 2 years	BOXIT universal phone case. Onyx color	46.20 0.15 0.07	24.01 23.47 23.09
NEW 424372 1 EACH	Nite Ize NBX-07-04 2 years	BOXIT universal phone case. Crystal color.	46.20 0.15 0.07	24.01 23.47 23.09
NEW 467363 1 EACH	Nite Ize NBX-07-28 2 years	BOXIT universal phone case. Citron color.	46.20 0.15 0.07	24.01 23.47 23.09
NEW 482355 1 EACH	Nite Ize NBX-07-03 2 years	BOXIT universal phone case. Aqua color.	46.20 0.15 0.07	24.01 23.47 23.09

Waterproof Cases, Belt Clips [310-60]

Wireless Solutions Beltclips



30754 413338

Belt clips designed to conveniently snap onto the phone to securely hold it in place. Holds the phone without the need for a leather carry case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30754 1 EACH	Wireless Solutions 30754 Lifetime	Universal Belt Clip includes three different swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21
NEW 413338 1 EACH	Wireless Solutions 458379U Lifetime	Universal Belt Clip includes two swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21

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Hands Free Kits, Mics, Headsets [262-09]

Nokia Handsfree Kit

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 435367 1 EACH	Nokia CARK-141 1 Year	CARK-141 Express car kit for 8290/ 90i. Draws power from CLA.	98.00 2.4 1.09	70.47 68.02 67.72

Headsets [262-10]

Bluetooth Headsets

The Motorola Bluetooth headset provides a cordless connection to your mobile phone. Carry on handsfree conversation without the restriction of a cord.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 477309 1 EACH	Jabra Corporation 100-91430000-02 1 Year	Freespeak Headset	179.95 0.45 0.2	143.06 123.09 114.99

Nokia Headset Kit

498000 461199 443374

Nokia headset kit. Includes a intergrated earpiece and microphone for handsfree conversations and a cord mounted answer/end button for convenience. Special 2.5mm jack that only works with the Nokia 8860.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 430359 1 EACH	Nokia HDD-1 Length of Ownership	Dual Headset	19.50 0.35 0.16	14.53 14.04 13.98
498000 1 EACH	Nokia HDC-5 3 Year	Headset kit. Special 2.5mm jack that only works with these phones. Built-in answer/end key.	21.95 0.17 0.08	8.41 8.14 8.11
461199 1 EACH	Nokia HDE-2 3 Year	Ear bud headset kit. 2.5mm jack.	9.95 0.17 0.08	5.83 5.64 5.62
NEW 443374 1 EACH	Nokia HDB-5 3 Year	Headset kit. Special 2.5mm jack that only works with these phones. Built-in answer/end key.	24.95 0.17 0.08	9.85 9.53 9.49

Inductive Loop for Hearing Aids

70381

Nokia inductive loop for hearing impaired users. Easy to use device for smooth interaction between T-coil equipped hearing aid and a portable NOKIA phone. Consists of a wire loop that goes around the user's neck and connects to the bottom of the phone. Loopset transmits speech from the phone to the aid.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 70381 1 EACH	Nokia LPS-3 1 Year	For use between a T-coil equipped hearing aid and the phone.	69.95 0.22 0.1	48.90 47.20 46.99

Wireless Solutions EarBoom Headset

475040

Wireless Solutions In The Ear headset features a boom mic fortable. Provide good mic sound as well as in the ear speal

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	
475040 1 EACH	Wireless Solutions 497057U Lifetime	Earboom Headset	31.00 0.4 0.18	

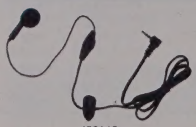
Wireless Solutions EarBud Headset

488021

The Wireless Soluitons EarBud is the most cost-effective, solution for mobile phone users wanting a hands-free alternative at a value price. EarBud integrates the microphone as part of the cable leading from t to the phone. Its improved circuitry eliminates the buzz often found i lower quality solutions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	
488021 1 EACH	Wireless Solutions 426080U Lifetime	Earbud Headset. Includes six eargels.	27.00 0.4 0.18	

Wireless Solutions Bud Headset



458165

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	
NEW 458165 1 EACH	Wireless Solutions 440193U 1 Year	Bud Headset	7.75 0.35 0.16	

Mounting Plates, Cradles, Holders [150-40]

Nokia Phone Cradles

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessorie match the specific requirements of their phones, satisfy the most demanding customer. You can trust the high q and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	
NEW 487353 1 EACH	Nokia MBD-11 L of O	Nokia 8265 mobile holder	16.95 0.35 0.16	

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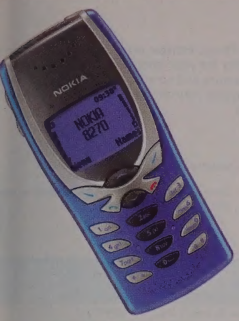

Compatible Phone Models:

Nokia 8270

If you do not see your phone model listed, please call 800-955-9997.

Vehicle Power Adapters [275-10]

ia (OEM) Vehicle Power Adapters

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories. These products are used by directly plugging onto the phone without removing the battery. Provides power to the phone and charges the battery at the same time.

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Nokia	Vehicle Power Adapter. Retail Packaged.	19.95	7.63
LCH-9		0.32	7.39
Lifetime		0.15	7.34

Face Plates [311-10]

a 8290 Faceplates

Nokia Original Express-On Faceplates allow you to personalize your Nokia 8290 wireless phone.

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Nokia	NOKIA OEM Xpress - on Color Cover, Blue	13.50	9.71
SKH-648		0.25	9.37
1 Year Limited		0.11	9.33

FPF Fun Friends

Fun Friends are leading the way with adorable characters that give new attitude to these otherwise dull products. Fun Friends are a perfect match for all who enjoy plush characters ranging from Funky the Monkey to Tadpole our Lime Green Frog.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	funphonefriend.com	Fun Friends phone cover. Tapole Frog	15.00	6.50
417318	A-05		0.32	5.75
1 EACH	30 days		0.15	5.21
NEW	funphonefriend.com	FunFriends phone cover. Bully-Bulldog	15.00	6.50
425345	A-01		0.32	5.75
1 EACH	30days		0.15	5.21
NEW	funphonefriend.com	Fun Friends Funky- Monkey	15.00	6.50
440370	A-22		0.32	5.75
1 EACH	30 days		0.15	5.21
NEW	funphonefriend.com	FunFriends phone cover. ALI- Aligator	15.00	6.50
454305	A-19		0.32	5.75
1 EACH	30 days		0.15	5.21
NEW	funphonefriend.com	Fun Friends phone cover. Santa	15.00	6.50
474325	A-27		0.32	5.75
1 EACH	30 days		0.15	5.21
NEW	funphonefriend.com	Fun Friends phone covers. Dangles- Dog Hanging Legs	15.00	6.50
481374	A-15		0.32	5.75
1 EACH	30 days		0.15	5.21
NEW	funphonefriend.com	Fun Friends phone covers. Munchie- Manatee	15.00	6.50
482389	A-24		0.32	5.75
1 EACH	30 days		0.15	5.21
NEW	funphonefriend.com	Fun Friends phone covers. Kit Kat- Cat	15.00	6.50
486359	A-10		0.32	5.75
1 EACH	30 days		0.15	5.21
NEW	funphonefriend.com	Fun Friends phone cover. Larry -Lobster	15.00	6.50
488341	A-7		0.32	5.75
1 EACH	30 days		0.15	5.21
NEW	funphonefriend.com	Fun Friends phone covers. Cheeser- Mouse	15.00	6.50
490397	A-21		0.32	5.75
1 EACH	30 days		0.15	5.21
NEW	funphonefriend.com	Fun Friends phone covers. Oinky- Pig	15.00	6.50
491340	A-09		0.32	5.75
1 EACH	30 days		0.15	5.21
NEW	funphonefriend.com	Fun Friends phone covers. Moo Moo- Cow	15.00	6.50
499325	A-20		0.32	5.75
1 EACH	30 days		0.15	5.21

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Nokia 8270 Faceplates

472317 477347 483399

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 472317 1 EACH	Nokia SKH-649 1 Year Limited	NOKIA OEM Xpress - on Color Cover, Magenta	13.50 0.1 0.05	9.71 9.37 9.33
NEW 477347 1 EACH	Nokia SKH-650 1 Year Limited	NOKIA OEM Xpress - on Color Cover, Orange	13.50 0.25 0.11	9.71 9.37 9.33
NEW 483399 1 EACH	Nokia SKH-651 1 Year Limited	NOKIA OEM Xpress - on Color Cover, Green	13.50 0.25 0.11	9.71 9.37 9.33

Chargers, Desk Top, Travel [305-60]

Nokia Chargers

471158

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

- Chargers used with Desk Top Charging Stands or battery charger adapters. Plugs into 120V outlet.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 471158 1 EACH	Nokia ACP-8U Limited Lifetime	Rapid Travel Charger For Nokia 32/33/61/63/64/82/ 8800.	19.95 0.4 0.18	13.09 12.65 12.60

Nokia Desk Top Charging Stands

458042

Desktop charging stand for Nokia Cellular phones. Provides a convenient way to charge the phone. Used with an external power supply (different power supplies for fast charging, trickle charging, or automotive charging). REQUIRES TRAVEL CHARGER (sold separately).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
458042 1 EACH	Nokia DDC-1 1 Year	Desktop Charging Stand Only for spare battery only.	39.95 0.3 0.14	25.53 24.64 24.54

Cases for Portable Cellular Phones [310-10]

Nokia OEM Phone Cases

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 446355 1 EACH	Nokia CSL-28 6 Months	Hard leather case with belt clip. Retail box.	14.95 0.17 0.08	8.05 7.79 7.76

Nite Ize Holsters

The Stand-Up Phone Holster provides the ultimate in tion and usability for your phone. Durable Ballistic nyl tects from moisture and scratches, and a secure holste mechanism ensures your phone will never leave your unintentionally

- Available in three sizes: small, medium and large. Elastic sides expand to accomodate various phones
- Multiple pockets hold accessories
- Bendable metal frame stands, hangs or attaches to holster and provides a hands-free workstation
- Security snap attaches securely to belt
- Open-ended design for CLA's, headset or oth phone accessories

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)
NEW 475394 1 EACH	Nite Ize SUSP-07-01 2 Years	Small holster. Phone must fit into 4 1/4L" x 3 1/8W" x 1 1/4D" pocket.	28.25 0.15 0.07

Nite Ize Protective Case

422375 424372 467363 482355

Boxit mobile phone case provides the ultim protection for any environment.

- Molded polyurethane front and polycarbonate back protects phone from moisture, dirt, dust, and shock. Floats too!
- Includes two different lids to accomodate nearly every phone. Antenna extensions and plugs are included for nearly every style antenna.
- Hear and talk through flexible transparent fac while a special waterproof Gore audio memb enhances audibility and guarantees effective transmission
- Operates from -40F to +140F. Approved to IP and IP65

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)
NEW 422375 1 EACH	Nite Ize NBX-07-01 2 years	BOXIT universal phone case. Onyx color	46.20 0.15 0.07
NEW 424372 1 EACH	Nite Ize NBX-07-04 2 years	BOXIT universal phone case. Crystal color.	46.20 0.15 0.07
NEW 467363 1 EACH	Nite Ize NBX-07-28 2 years	BOXIT universal phone case. Citron color.	46.20 0.15 0.07
NEW 482355 1 EACH	Nite Ize NBX-07-03 2 years	BOXIT universal phone case. Aqua color.	46.20 0.15 0.07

Headsets [262-10]

Nokia Headset Kit

498000 461199

Nokia headset kit. Includes a intergrated earpiece microphone for handsfree conversations and a co mounted answer/end button for convenience. Sp 2.5mm jack that only works with the Nokia 8860

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW 430359 1 EACH	Nokia HDD-1 Length of Ownership	Dual Headset	19.50 0.35 0.16
498000 1 EACH	Nokia HDC-5 3 Year	Headset kit. Special 2.5mm jack that only works with these phones. Built-in answer/end key.	21.95 0.17 0.08
461199 1 EACH	Nokia HDE-2 3 Year	Ear bud headset kit. 2.5mm jack.	9.95 0.17 0.08

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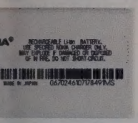
Compatible Phone Models:

Nokia 8290
Nokia 8290i

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

kia Portable Phone Batteries

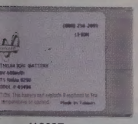


412028

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

o. m	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
28 H	Nokia BLB-2 1 Year	Replacement Battery White 650mah Lilo 2-3 hours DTT/6 days DST.	49.95 0.2 0.09	24.95 24.10 24.00

eless Solutions Batteries



419037
Quality, Great Value

- Available with merchandising system that drives multiple and repeat purchases to improve overall profitability

tive retail packaging that promotes self selec- nd consumer education

o. m	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
7 H	Wireless Solutions 454094U Lifetime	Replacement Battery Black 600 Lilo 1 to 3 hours DTT/1 to 4 days DST	30.55 0.3 0.14	21.52 17.51 15.76

Vehicle Power Adapters [275-10]

a (OEM) Vehicle Power Adapters

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories. These products are used by directly plugging onto the phone without removing the battery. Provides power to the phone and charges the battery at the same time.

. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1 H	Nokia LCH-9 Lifetime	Vehicle Power Adapter. Retail Packaged.	19.95 0.32 0.15	7.63 7.39 7.34

Wireless Solutions Vehicle Power Adapter

16647

Wireless Solutions Vehicle adapters are a great value, and high quality. Quality tested cable returns to original shape after multiple stretches. Attractive retail packaging.

- Variable rate charging for safety & convenience (no overcharging)
- Enough current to make a call with a discharged battery
- Attractive retail packaging that promotes self selection and consumer education
- Available with revolutionary merchandising system that drives multiple and repeat purchase to improve overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
16647 1 EACH	Wireless Solutions 16647 1 Year	Vehicle Power Adapter. Retail Packaged.	23.00 0.35 0.16	7.24 5.91 4.60

Face Plates [311-10]

Nokia 8290 Faceplates

495040 471084 493004 485006 434001 434024 451016

Nokia Original Express-On Faceplates allow you to personalize your Nokia 8290 wireless phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
495040 1 EACH	Nokia SKH-425 1 Year Limited	Faceplate - Storm Black	14.95 0.25 0.11	7.91 7.64 7.61
471084 1 EACH	Nokia SKH-423 1 Year Limited	Faceplate - Laguna Blue	14.95 0.25 0.11	7.91 7.64 7.61
493004 1 EACH	Nokia SKH-598 1 Year Limited	Faceplate - Coral Red	14.95 0.25 0.11	7.91 7.64 7.61
485006 1 EACH	Nokia SKH-606 1 Year Limited	Faceplate - Pure White	14.95 0.25 0.11	7.91 7.64 7.61
434001 1 EACH	Nokia SKH-609 1 Year Limited	Faceplate - Berry Red	14.95 0.25 0.11	7.91 7.64 7.61
434024 1 EACH	Nokia SKH-610 1 Year Limited	Faceplate - Blaze Orange	14.95 0.25 0.11	7.91 7.64 7.61
451016 1 EACH	Nokia SKH-611 1 Year Limited	Faceplate - Lizard Green	14.95 0.25 0.11	7.91 7.64 7.61

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FPF Fun Friends

Fun Friends are leading the way with adorable characters that give new attitude to these otherwise dull products. Fun Friends are a perfect match for all who enjoy plush characters ranging from Funky the Monkey to Tadpole our Lime Green Frog.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **417318** 1 EACH	funphonefriend.com A-05 30 days	Fun Friends phone cover. Tapole Frog	15.00 0.32 0.15	6.50 5.75 5.21
NEW **425345** 1 EACH	funphonefriend.com A-01 30days	FunFriends phone cover. Bully-Bulldog	15.00 0.32 0.15	6.50 5.75 5.21
NEW **440370** 1 EACH	funphonefriend.com A-22 30 days	Fun Friends Funky- Monkey	15.00 0.32 0.15	6.50 5.75 5.21
NEW **454305** 1 EACH	funphonefriend.com A-19 30 days	FunFriends phone cover. ALI- Aligator	15.00 0.32 0.15	6.50 5.75 5.21
NEW **474325** 1 EACH	funphonefriend.com A-27 30 days	Fun Friends phone cover. Santa	15.00 0.32 0.15	6.50 5.75 5.21
NEW **481374** 1 EACH	funphonefriend.com A-15 30 days	Fun Friends phone covers. Dangles- Dog Hanging Legs	15.00 0.32 0.15	6.50 5.75 5.21
NEW **482389** 1 EACH	funphonefriend.com A-24 30 days	Fun Friends phone covers. Munchie- Manatee	15.00 0.32 0.15	6.50 5.75 5.21
NEW **486359** 1 EACH	funphonefriend.com A-10 30 days	Fun Friends phone covers. Kit Kat- Cat	15.00 0.32 0.15	6.50 5.75 5.21
NEW **488341** 1 EACH	funphonefriend.com A-7 30 days	Fun Friends phone cover. Larry -Lobster	15.00 0.32 0.15	6.50 5.75 5.21
NEW **490397** 1 EACH	funphonefriend.com A-21 30 days	Fun Friends phone covers. Cheeser- Mouse	15.00 0.32 0.15	6.50 5.75 5.21
NEW **491340** 1 EACH	funphonefriend.com A-09 30 days	Fun Friends phone covers. Oinky- Pig	15.00 0.32 0.15	6.50 5.75 5.21
NEW **499325** 1 EACH	funphonefriend.com A-20 30 days	Fun Friends phone covers. Moo Moo- Cow	15.00 0.32 0.15	6.50 5.75 5.21

Chargers, Desk Top, Travel [305-60]

Nokia Chargers

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories match the specific requirements of their phones, satisfy the most demanding customer. You can trust the high q and performance of original accessories.

- Chargers used with Desk Top Charging Stands or battery charger adapters. Plugs into 120V outlet.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW **466345** 1 EACH	Nokia ACP-12U Limited Lifetime	Travel Charger for Nokia 9290, 6360, 6340, 6310, 7210, 7290, 8390.	24.95 0.3 0.14

Nokia Desk Top Charging Stands

458042

Desktop charging stand for Nokia Cellular phones. Provides a convenient way charge the phone. Used with an external power supply (different power suppli fast charging, trickle charging, or automotive charging). REQUIRES TRAVEL CHARGER (sold separately).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
458042 1 EACH	Nokia DDC-1 1 Year	Desktop Charging Stand Only for spare battery only.	39.95 0.3 0.14

Nokia Desk Top Charging Stands

84302

Desktop charging stand for Nokia Cellular phones. Provides a convenient way charge the phone and connect for data. Used with an external power supply ent power supplies for fast charging, trickle charging, or automotive charging). REQUIRES TRAVEL CHARGER (sold separately).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
84302 1 EACH	Nokia DCV-1B 1 Year	Single Port Desk Top Charger	17.95 0.3 0.14

Wireless Solutions Travel Charger

93302

- Plugs into any 110 volt outlet
- Use your phone while it is charging
- Rapid Charges batteries in about 2-4 hours
- Attractive retail packaging that promotes self s tion and consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
93302 1 EACH	Wireless Solutions 93302 Lifetime	Travel Charger	8.65 0.56 0.25

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Cases for Portable Cellular Phones [310-10]

ia OEM Phone Cases

460057 497064

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

o. m	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
57 H	Nokia CSH-3 Limited Lifetime	Horizontal case with belt clip and velcro closure. Retail packaged. Black	14.95 0.3 0.14	7.91 7.65 7.62
54 H	Nokia CSL-10 Length of Ownership	Leather case with swivel and belt clip. Retail packaged. Black	19.95 0.3 0.14	9.85 9.53 9.49

less Solutions Cases

- uality leather
- stitching
- r covered rust resistant spring clip
- Mylar plastic that will not yellow or crack
- Environmentally tested to ensure durability
- Attractive retail packaging that promotes self selectionand consumer education

n	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
0 4	Wireless Solutions 491000U Lifetime	Leather Case. Retail packaged. Black	11.60 0.3 0.14	7.50 6.87 6.30

Waterproof Cases, Belt Clips [310-60]

less Solutions Beltclips

4 413338

Belt clips designed to conveniently snap onto the phone to securely hold it in place. Holds the phone without the need for a leather carry case.

Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Wireless Solutions 30754 Lifetime	Universal Belt Clip includes three different swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21
Wireless Solutions 458379U Lifetime	Universal Belt Clip includes two swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21

Hands Free Kits, Mics, Headsets [262-09]

Nokia Handsfree Kit

88946

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 435367 1 EACH	Nokia CARK-141 1 Year	CARK-141 Express car kit for 8290/ 90i. Draws power from CLA.	98.00 2.4 1.09	70.47 68.02 67.72
88946 1 EACH	Nokia CARK-124 3 Year	Express Handsfree Car Kit	98.00 0.5 0.23	70.47 68.02 67.72

Headsets [262-10]

Jabra In-the-Ear Headset

The JABRA Corporation's headset features an innovative all-in-the-ear speaker and microphone. Built-in noise reduction technology for clear transmissions. Totally portable and digital-ready. Four-foot cable, six EarGels and standard 2.5 mm plug for direct connection to mobile phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
59796 1 EACH	Jabra Corporation ESNOK8860302 1 year	EarSet with built-in microphone and eargel ear piece.	30.95 0.4 0.18	17.62 15.46 15.15

Jabra EarBoom Headset

460032

"Fits-your-face," flexible mini-boom is comfortable and non-intrusive. For those who need to talk and listen "on the move." The custom-fit EarGel channels sound into your ear for great reception.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
460032 1 EACH	Jabra Corporation EMNOK8860302 1 Year	EarBoom Headset. With In-Line On/Off Button.	24.95 0.3 0.14	14.23 12.48 12.23

Jabra EarBud Headset

415073

The JABRA EarBud is the most cost-effective, JABRA solution for mobile phone users wanting a hands-free alternative at a value price. The JABRA EarBud uses the patented EarGel for a secure fit and contemporary styling. Unlike the EarSet and Ear Boom solutions, the EarBud integrates the microphone as part of the cable leading from the ear to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
415073 1 EACH	Jabra Corporation EBNOK8860302 1 Year	EarBud Headset	19.95 0.4 0.18	11.38 9.98 9.78

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Jabra Earboom Winder

458103

The EarBoom Winder gives you a tangle-free solution to handsfree communication. Talk handsfree when you're on the go, then retract the cord and stow the EarBoom at the touch of a button.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 458103 1 EACH	Jabra Corporation EMWINDERNOK8 8302 1 Year	EarWinder Headset. Retail packaged.	34.90 0.35 0.16	19.90 17.45 17.11

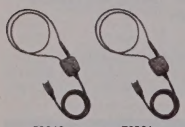
Nokia Headset Kit

498000 461199 443374

Nokia headset kit. Includes a intergrated earpiece and microphone for handsfree conversations and a cord mounted answer/end button for convenience. Special 2.5mm jack that only works with the Nokia 8860.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 430359 1 EACH	Nokia HDD-1 Length of Ownership	Dual Headset	19.50 0.35 0.16	14.53 14.04 13.98
498000 1 EACH	Nokia HDC-5 3 Year	Headset kit. Special 2.5mm jack that only works with these phones. Built-in answer/end key.	21.95 0.17 0.08	8.41 8.14 8.11
461199 1 EACH	Nokia HDE-2 3 Year	Ear bud headset kit. 2.5mm jack.	9.95 0.17 0.08	5.83 5.64 5.62
NEW 443374 1 EACH	Nokia HDB-5 3 Year	Headset kit. Special 2.5mm jack that only works with these phones. Built-in answer/end key.	24.95 0.17 0.08	9.85 9.53 9.49

Inductive Loop for Hearing Aids



53969 70381

Nokia inductive loop for hearing impaired users. Easy to use device for smooth interaction between T-coil equipped hearing aid and a portable NOKIA phone. Consists of a wire loop that goes around the user's neck and connects to the bottom of the phone. Loopset transmits speech from the phone to the aid.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
53969 1 EACH	Nokia LPS-1 1 Year	Inductive loop for Hearing Aids.	69.95 0.5 0.23	48.90 47.20 46.99
NEW 70381 1 EACH	Nokia LPS-3 1 Year	For use between a T-coil equipped hearing aid and the phone.	69.95 0.22 0.1	48.90 47.20 46.99

Plantronics Over-The-Ear Headsets

475183

All Plantronics over-the-ear wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hard-wired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
475183 1 EACH	Plantronics M133-N1 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, blurple color. Includes in-line call answer/end control.	35.10 0.4 0.18	23.34 18.30 17.55

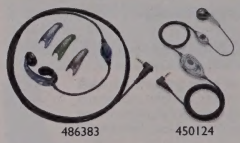
Plantronics In-The-Ear Headsets

490113

All Plantronics in-the-ear boom-style wireless phone headsets feature a noise celling microphone, RF noise shielded cable, advanced speaker technology, mi phone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW 490113 1 EACH	Plantronics M143-N1 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line call answer/end control.	42.45 0.4 0.18

Plantronics Discreet Earbud Headsets



486383 450124

All Plantronics earbud headsets for wireless phone ture Flexfit(TM) design for increased stability, RF no shielded cable, advanced speaker technology, and a ing clip. Available in a standard 2.5mm plug or hardw for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW 486383 1 EACH	Plantronics MX103-N1 1 Year	Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09
450124 1 EACH	Plantronics M206-N1 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and call answer/end controls.	32.00 0.6 0.27

Wireless Solutions EarBoom Headset

475040

Wireless Solutions In The Ear headset features a boom mic fortable. Provide good mic sound as well as in the ear spea

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
475040 1 EACH	Wireless Solutions 497057U Lifetime	Earboom Headset	31.00 0.4 0.18

Wireless Solutions EarBud Headset

488021

The Wireless Soluitons EarBud is the most cost-effective, solution fo mobile phone users wanting a hands-free alternative at a value price. EarBud integrates the microphone as part of the cable leading from t to the phone. Its improved circuitry eliminates the buzz often found lower quality solutions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
488021 1 EACH	Wireless Solutions 426080U Lifetime	Earbud Headset. Includes six eargels.	27.00 0.4 0.18

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...less Solutions Bud Headset

458165

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
5	Wireless Solutions 440193U 1 Year	Bud Headset	7.75 0.35 0.16	5.27 4.22 3.60

Portable Cellular Phone Accessory Kit [262-50]

...less Solutions Starter Kits

Starter Kits include a glove leather fitted case and a vehicle power adapter. Wireless Solutions Retail Packaging.

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
3	Wireless Solutions 38868U Lifetime	Starter Kit-Includes Vehicle Power Adapter and Open-Faced Leather Case	33.00 0.5 0.23	13.90 11.92 9.90

Mounting Plates, Cradles, Holders [150-40]

...ia Phone Cradles

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

...3586

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
	Nokia SKB-2 1 year	Nokia 8290 Mobile Holder with clip. Includes HHS-12.	14.95 0.25 0.11	11.12 10.05 8.93

...lount

The UltiMount by Pro.Fit International secures any phone or car kit in any vehicle. It swivels, rotates and adjusts to virtually any position and installs in seconds with 3M acrylic foam tape. No tools are needed. Great for cars, trucks, RV's or boats. Designed for cell phones, two- way radios, handheld GPS units and PDA's. The complete system includes a swivel belt clip, Nokia button, round and oblong buttons and surface preparation supplies. Will also work with a case with a built-in belt clip. Premium trifold clam-shell package with a color insert card and complete instructions for installing and removing.

...8327

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
	Pro.Fit International UL747 Lifetime	UltiMount	24.95 0.5 0.23	15.00 13.98 13.95

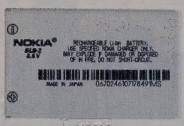
Compatible Phone Models:

Nokia 8310
Nokia 8390

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

Nokia Portable Phone Batteries

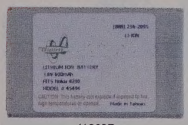


412028

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Qty/Uom	Part No. Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
412028 1 EACH	Nokia BLB-2 1 Year	Replacement Battery White 650mah Lilo 2-3 hours DTT/6 days DST.	49.95 0.2 0.09	24.95 24.10 24.00

Wireless Solutions Batteries



419037

- High Quality, Great Value
- Attractive retail packaging that promotes self selection and consumer education
- Available with merchandising system that drives multiple and repeat purchases to improve overall profitability

Qty/Uom	Part No. Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
419037 1 EACH	Wireless Solutions 454094U Lifetime	Replacement Battery Black 600 Lilo 1 to 3 hours DTT/1 to 4 days DST	30.55 0.3 0.14	21.52 17.51 15.76

Vehicle Power Adapters [275-10]

Nokia (OEM) Vehicle Power Adapters

12634

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories. These products are used by directly plugging onto the phone without removing the battery. Provides power to the phone and charges the battery at the same time.

Qty/Uom	Part No. Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
12634 1 EACH	Nokia LCH-9 Lifetime	Vehicle Power Adapter. Retail Packaged.	19.95 0.32 0.15	7.63 7.39 7.34

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Wireless Solutions Vehicle Power Adapter

16647

Wireless Solutions Vehicle adapters are a great value, and high quality. Quality tested cable returns to original shape after multiple stretches. Attractive retail packaging.

- Variable rate charging for safety & convenience (no overcharging)
- Enough current to make a call with a discharged battery
- Attractive retail packaging that promotes self selection and consumer education
- Available with revolutionary merchandising system that drives multiple and repeat purchase to improve overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
16647 1 EACH	Wireless Solutions 16647 1 Year	Vehicle Power Adapter. Retail Packaged.	23.00 0.35 0.16	7.24 5.91 4.60

Face Plates [311-10]

Nokia 8300 Series Faceplates

488173 464195 412197 479178 417176

429192

Customize your Nokia 8300 Series phone with Xpress-On Color Covers.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 488173 1 EACH	Nokia SKR-143 1 Year Ltd.	Faceplate - Dusk	24.95 0.25 0.11	18.34 17.70 17.63
NEW 464195 1 EACH	Nokia SKR-140 1 Year Ltd.	Faceplate - Eternal	24.95 0.12 0.05	18.34 17.70 17.63
NEW 412197 1 EACH	Nokia SKR-138 1 Year Ltd.	Faceplate - Flame	24.95 0.25 0.11	18.34 17.70 17.63
NEW 479178 1 EACH	Nokia SKR-139 1 Year Ltd.	Faceplate - Sunrise	24.95 0.25 0.11	18.34 17.70 17.63
NEW 417176 1 EACH	Nokia SKR-142 1 Year Ltd.	Faceplate - Thermal	24.95 0.25 0.11	18.34 17.70 17.63
NEW 429192 1 EACH	Nokia SKR-141 1 Year Ltd.	Faceplate - Tranquil	24.95 0.25 0.11	18.34 17.70 17.63

FPF Fun Friends

427352 468391 498359

Fun Friends are leading the way with adorable characters that give new attitude to these otherwise dull products. Fun Friends are a perfect match for all who enjoy plush characters ranging from Funky the Monkey to Tadpole our Lime Green Frog.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 427352 1 EACH	funphonefriend.com A-25 30 days	FunFriends phone cover. Daisy Flip- Jean	15.00 0.32 0.15	6.50 5.75 5.21
NEW 468391 1 EACH	funphonefriend.com A-16 30 days	Fun Friends phone covers. Spotty Flip- Dalmation Dog	15.00 0.32 0.15	6.50 5.75 5.21

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-
NEW 498359 1 EACH	funphonefriend.com A-4 30 days	Fun Friends, Floppy flip-Golden Dog phone cover.	15.00 0.32 0.15	

Chargers, Desk Top, Travel [305-60]

Nokia Chargers

471158

Original accessories... "from the people that made your phone(TM)." OEMs and manufacture accessories to match the specific requirements of their pho satisfying the most demanding customer. You can trust the high quality and pe mance of original accessories.

- Chargers used with Desk Top Charging Stands or battery charger adapters. Plugs into 120V outlet.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	
NEW 466345 1 EACH	Nokia ACP-12U Limited Lifetime	Travel Charger for Nokia 9290, 6360, 6340, 6310, 7210, 7290, 8390.	24.95 0.3 0.14	
NEW 471158 1 EACH	Nokia ACP-8U Limited Lifetime	Rapid Travel Charger For Nokia 32/33/61/63/64/82/ 8800.	19.95 0.4 0.18	

Nokia Desk Top Charging Stands

458042

Desktop charging stand for Nokia Cellular phones. Provides a convenient way charge the phone. Used with an external power supply (different power suppli fast charging, trickle charging, or automotive charging). REQUIRES TRAVEL CHARGER (sold separately).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	
458042 1 EACH	Nokia DDC-1 1 Year	Desktop Charging Stand Only for spare battery only.	39.95 0.3 0.14	

Nokia Desk Top Charging Stands

Desktop charging stand for Nokia Cellular phones. pro an convenient way to charge the phone. Used with an nal power supply (different power supplies for fast cha trickle charging, or automotive charging). REQUIRES CHARGING ADAPTER sold separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	
NEW 434192 1 EACH	Nokia DCD-1 Length of Ownership	Desktop Charging Stand. No A/C Adapter.	34.95 0.4 0.18	

Wireless Solutions Travel Charger

93302

- Plugs into any 110 volt outlet
- Use your phone while it is charging
- Rapid Charges batteries in about 2-4 hours
- Attractive retail packaging that promotes self tion and consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
93302 1 EACH	Wireless Solutions 93302 Lifetime	Travel Charger	8.65 0.56 0.25

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Cases for Portable Cellular Phones [310-10]

a OEM Phone Cases

460057

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
7 1	Nokia CSH-3 Limited Lifetime	Horizontal case with belt clip and velcro closure. Retail packaged. Black	14.95 0.3 0.14	7.91 7.65 7.62
0 1	Nokia CBU-3 Length of Ownership	Leather Carry case with Shoulder Strap Black	29.95 1 0.45	24.59 23.75 23.65
3 1	Nokia CSL-21 Limited Lifetime	Horizontal Leather Case with belt clip and magnetic closure. Black	14.95 0.17 0.08	8.05 7.79 7.76
1	Nokia CSL-18 Length of Ownership	Leather Carry Sleeve with wrist strap Black	12.00 0.3 0.14	9.13 8.83 8.80
1	Nokia CSM-10 Length of Ownership	Blue Microfiber Case Black	9.90 0.3 0.14	7.62 7.38 7.35
1	Nokia CSM-10W Length of Ownership	White Microfiber Case Black	9.90 0.3 0.14	7.62 7.38 7.35
	Nokia CSM-10S Length of Ownership	Silver Microfiber Case Black	9.90 0.3 0.14	7.62 7.38 7.35

ess Solutions Cases

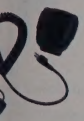
lity leather
itching
covered rust resistant spring clip

- Mylar plastic that will not yellow or crack
- Environmentally tested to ensure durability
- Attractive retail packaging that promotes self selectionand consumer education

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
	Wireless Solutions 491000U Lifetime	Leather Case. Retail packaged. Black	11.60 0.3 0.14	7.50 6.87 6.30

Hands Free Kits, Mics, Headsets [262-09]

a Handsfree Kit



21166

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
	Nokia CARK-130 Length of Ownership	Express Car Kit. Includes PPH-1, MBD-10, HHS-15, HFM-8.	98.00 2.5 1.14	70.47 68.02 67.72

Complete Nokia Car Kits

491188

NOKIA Handsfree Installation Kit for permanent mounting in a vehicle. Allows you to convert your portable phone into a complete in-car phone. Provides hands-free, external antenna connection, external speaker, fast charger and mounting hardware.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **491188** 1 EACH	Nokia CARK-132 3 Year	Complete handsfree car kit. Professional install recommended. External antenna connection terminates with an FME connector.	158.00 1.8 0.82	113.61 109.66 109.18

Headsets [262-10]

Jabra Earboom Winder

458103

The EarBoom Winder gives you a tangle-free solution to handsfree communication. Talk handsfree when you're on the go, then retract the cord and stow the EarBoom at the touch of a button.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **458103** 1 EACH	Jabra Corporation EMWINDERNOK8 8302 1 Year	EarWinder Headset. Retail packaged.	34.90 0.35 0.16	19.90 17.45 17.11

Nokia Headset Kit

498000 461199 443374

Nokia headset kit. Includes a intergrated earpiece and microphone for handsfree conversations and a cord mounted answer/end button for convenience. Special 2.5mm jack that only works with the Nokia 8860.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **430359** 1 EACH	Nokia HDD-1 Length of Ownership	Dual Headset	19.50 0.35 0.16	14.53 14.04 13.98
498000 1 EACH	Nokia HDC-5 3 Year	Headset kit. Special 2.5mm jack that only works with these phones. Built-in answer/end key.	21.95 0.17 0.08	8.41 8.14 8.11
461199 1 EACH	Nokia HDE-2 3 Year	Ear bud headset kit. 2.5mm jack.	9.95 0.17 0.08	5.83 5.64 5.62
NEW **443374** 1 EACH	Nokia HDB-5 3 Year	Headset kit. Special 2.5mm jack that only works with these phones. Built-in answer/end key.	24.95 0.17 0.08	9.85 9.53 9.49

Inductive Loop for Hearing Aids

70381

Nokia inductive loop for hearing impaired users. Easy to use device for smooth interaction between T-coil equipped hearing aid and a portable NOKIA phone. Consists of a wire loop that goes around the user's neck and connects to the bottom of the phone. Loopset transmits speech from the phone to the aid.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **70381** 1 EACH	Nokia LPS-3 1 Year	For use between a T-coil equipped hearing aid and the phone.	69.95 0.22 0.1	48.90 47.20 46.99

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Plantronics In-The-Ear Headsets

490113

All Plantronics in-the-ear boom-style wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Plantronics	Ultra-light comfort with this in-the-ear style headset.	42.45	28.22
490113	M143-N1	Includes in-line call answer/end control.	0.4	22.12
1 EACH	1 Year		0.18	21.22

Wireless Solutions EarBoom Headset

475040

Wireless Solutions In The Ear headset features a boom mic. Comfortable. Provide good mic sound as well as in the ear speaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
475040	Wireless Solutions	Earboom Headset	31.00	13.31
1 EACH	497057U		0.4	11.32
	Lifetime		0.18	9.31

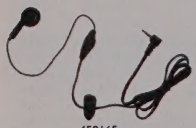
Wireless Solutions EarBud Headset

488021

The Wireless Soluitons EarBud is the most cost-effective, solution for mobile phone users wanting a hands-free alternative at a value price. The EarBud integrates the microphone as part of the cable leading from the ear to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
488021	Wireless Solutions	Earbud Headset. Includes six eargels.	27.00	12.09
1 EACH	426080U		0.4	10.09
	Lifetime		0.18	8.09

Wireless Solutions Bud Headset



458165

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Wireless Solutions	Bud Headset	7.75	5.27
458165	440193U		0.35	4.22
1 EACH	1 Year		0.16	3.60

Mounting Plates, Cradles, Holders [150-40]

Nokia Phone Cradles

Original accessories... "from the people that made you phone(TM)." OEMs design and manufacture accessorie match the specific requirements of their phones, satisf the most demanding customer. You can trust the high and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW	Nokia	Nokia 6510, 8310, and 8390 mobile holder. Includes	16.95
498186	MBD-10	HHS-15 swivel mount and MBC-10 mobile holder	0.35
1 EACH	L of O		0.16

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See TESSCO.com for latest pricing and p
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Compatible Phone Models:

Nokia 9290

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

a Portable Phone Batteries

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Nokia BLL-3 Lifetime	Replacement Battery. Retail box Black 1300mah For use with 9200 series phones, 4-10 hours talk time. 3- 9.5 days (phone on) and 16.5 days with phone off.	58.00 0.35 0.16	42.21 40.76 40.58

Vehicle Power Adapters [275-10]

(OEM) Vehicle Power Adapters

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories. These products are used by directly plugging onto the phone without removing the battery. Provides power to the phone and charges the battery at the same time.

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Nokia LCH-9 Lifetime	Vehicle Power Adapter. Retail Packaged.	19.95 0.32 0.15	7.63 7.39 7.34

ess Solutions Vehicle Power Adapter

Wireless Solutions Vehicle adapters are a great value, and high quality. Quality tested cable returns to original shape after multiple stretches. Attractive retail packaging.

647

- rate charging for safety & convenience (no rging)
- current to make a call with a discharged bat-
- Attractive retail packaging that promotes self selection and consumer education
- Available with revolutionary merchandising system that drives multiple and repeat purchase to improve overall profitability

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Wireless Solutions 16647 1 Year	Vehicle Power Adapter. Retail Packaged.	23.00 0.35 0.16	7.24 5.91 4.60

Chargers, Desk Top, Travel [305-60]

Nokia Chargers

471158

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

- Chargers used with Desk Top Charging Stands or battery charger adapters. Plugs into 120V outlet.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 466345 1 EACH	Nokia ACP-12U Limited Lifetime	Travel Charger for Nokia 9290, 6360, 6340, 6310, 7210, 7290, 8390.	24.95 0.3 0.14	14.53 14.04 13.98
NEW 471158 1 EACH	Nokia ACP-8U Limited Lifetime	Rapid Travel Charger For Nokia 32/33/61/63/64/82/ 8800.	19.95 0.4 0.18	13.09 12.65 12.60

Nokia Desk Top Charging Stands

448229

Desktop charging stand for Nokia Cellular phones. Provides a convenient way to charge the phone and connect for data. Used with an external power supply (different power supplies for fast charging, trickle charging, or automotive charging). REQUIRES TRAVEL CHARGER (sold separately).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 497131 1 EACH	Nokia 0273476 1 year	Connectivity Stand with data cable port, IR port and Sync button. Power supply not included.	69.95 1 0.45	51.41 49.63 49.41
NEW 448229 1 EACH	Nokia DCH-10 1 year	Desktop Charging/ Connectivity Stand Only.	69.95 0.4 0.18	51.41 49.63 49.41

Wireless Solutions Travel Charger

93302

- Plugs into any 110 volt outlet
- Use your phone while it is charging
- Rapid Charges batteries in about 2-4 hours
- Attractive retail packaging that promotes self selection and consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
93302 1 EACH	Wireless Solutions 93302 Lifetime	Travel Charger	8.65 0.56 0.25	6.34 5.14 3.95

Cases for Portable Cellular Phones [310-10]

Nokia OEM Phone Cases

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 497238 1 EACH	Nokia CSL-25 Length of Ownership	Leather Case. Black	29.95 0.35 0.16	21.22 20.48 20.39

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Nokia 9290

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 473254 1 EACH	Nokia CSL-26 Length of Ownership	Leather Case w/ strap. Retail box. Black	28.00 0.17 0.08	20.64 19.94 19.85

Nite Ize Holsters

The Stand-Up Phone Holster provides the ultimate in protection and usability for your phone. Durable Ballistic nylon protects from moisture and scratches, and a secure holstering mechanism ensures your phone will never leave your belt unintentionally

- Available in three sizes: small, medium and large. Elastic sides expand to accomodate various phones
- Multiple pockets hold accessories
- Bendable metal frame stands, hangs or attaches to holster and provides a hands-free workstation
- Security snap attaches securely to belt
- Open-ended design for CLA's, headset or other phone accessories

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 474377 1 EACH	Nite Ize SULP-07-01 2 years	Large holster. Phone must fit into 5 1/2L" x 3 1/8"W x 2 1/4D" pocket.	28.25 0.15 0.07	14.68 14.34 14.11

Hands Free Kits, Mics, Headsets [262-09]

Complete Nokia Car Kits

469102

NOKIA Handsfree Installation Kit for permanent mounting in a vehicle. Allows you to convert your portable phone into a complete in-car phone. Provides hands-free, external antenna connection, external speaker, fast charger and mounting hardware.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 469102 1 EACH	Nokia CARK-109 3 Year	Complete handsfree car kit. Professional install recommended. External antenna connection terminates with an FME connector.	158.00 1.97 0.9	113.61 109.66 109.18

Headsets [262-10]

Nokia Headset Kit

Nokia headset kit. Includes a intergrated earpiece and microphone for handsfree conversations and a cord mounted answer/end button for convenience. Special 2.5mm jack that only works with the Nokia 8860.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 419143 1 EACH	Nokia HDC-8L Length of Ownership	Headset Kit	20.50 0.35 0.16	14.74 14.23 14.17

NOKIA Headset with Belt Clip

Nokia handsfree headset with a belt clip. Includes:"bud" earpiece that plugs into the ear and allows handsfree o tion. Answer/end button is located in the microphone. clip holds the phone on your belt/ waist.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW 474228 1 EACH	Nokia HDC-8L 3 year limited warr.	Handsfree "bud" headset kit with answer/ end button and clothing clip for 9210 and 9290.	24.95 0.2 0.09

Data Interfaces for Portable Phones [260-12]

Nokia Data Cables

423259

419318

Original accessories... "fre people that made your phone(TM)." OEMs desig manufacture accessories match the specific require of their phones, satisfying most demanding custom can trust the high quality performance of original a sories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW 462123 1 EACH	Nokia DTS-64 1 Year	Nokia 9200 64mb Memory Card. Stamp size memory card provides additional storage for applications and data. Nokia retail package.	138.00 0.3 0.14
NEW 423259 1 EACH	Nokia DLR-2L 1 Year	Nokia 9210 and 9290 Data Cable. Provides a serial connection from the mobile phone to a laptop or desktop computer. Cable terminates in standard 9 pin serial connection. Cable is for data/fax applications only.	44.95 0.57 0.26
NEW 419318 1 EACH	Nokia CMD-2	Concord infra red digital camera for 9210 and 9290.	220.00 1.1 0.5

NEW = New Listing. Pricing for referen See TESSCO.com for latest pricing and

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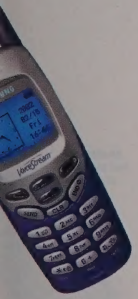
Samsung Accessory Quick Pick

amsung SCH-A310

msung SGH-N625



msung SGH-225, SGH-R225M

Illustration not currently available	Illustration not currently available	Illustration not currently available			Illustration not currently available			
Standard Battery, 900 mAh, Lilo Samsung BST1019SEB/STD SKU 451378	**Extended Battery, 1500 mAh, Lilo** Samsung BEX1101FSEB/STD SKU 456310	**Car Power Charger** Samsung CCH030ABEB/STD SKU 485353	**Travel Charger** Samsung TAD037JBEB/XAR SKU 462120	**Phone Holster** Samsung 17221075022 SKU 415317	**Leather Case** Samsung 17200000037 SKU 424360	**Handsfree Car Kit** Samsung HKT101NBEG/STD SKU 447319	**Freespeak Bluetooth Headset w/Adapter** Jabra Corporation 100-91030000-02 SKU 435389	**Plantronics Over-The-Head Headset** Plantronics M110 SKU 36909

Over-The-Head Headset,Vol Plantronics M114 SKU 36926	**Over-The-Ear Headset** Plantronics M120 SKU 36954	**Plantronics Over-The-Ear Headset** Plantronics M124 SKU 36981	**Plantronics Over-The-Ear Headset** Plantronics M130 SKU 32055	Illustration not currently available	**Over the ear headset** Plantronics M135/BLUE SKU 433174	**Over the ear headset** Plantronics M135/ESPRESSO SKU 497082	**In-The Ear Headset** Plantronics M140/CHARCOAL SKU 37000	**In-The Ear Headset** Plantronics M140/SILVER SKU 467122	**In-The-Ear Headset, Vol** Plantronics M145 SKU 37004

Plantronics In-The-Ear Headset Plantronics MX100 SKU 410379	**Plantronics Earbud Headset** Plantronics M205 SKU 437114	**Over-Head/Ear Headset** Plantronics M170 SKU 37022	**Over-Head/Ear Headset,Vol** Plantronics M175 SKU 37030	**Bluetooth Headset** Plantronics M1500 BLUETOOTH SKU 467353	**Earbud Headset** Samsung EMP55B/XAR SKU 426034

Illustration not currently available			Illustration not currently available		Illustration not currently available
Standard Lilo Battery Samsung BST0697SEB/STD SKU 497381	**Car Power Charger** Samsung CAD037SBEB/XAR SKU 420137	**Travel Charger** Samsung TAD037JBEB/XAR SKU 462120	**Leather Case** Samsung 17200000038 SKU 457308	**Universal Belt Clip** Wireless Solutions 30754 SKU 30754	**Handsfree Headset** Samsung AEP069SSEC/STD SKU 418320

Standard Battery, Lilo Samsung BST0579KEB/STD SKU 451106	**Battery, 600mah, Lilo** Wireless Solutions 440371U SKU 471365	**Car Power Charger** Samsung CAD037SBEB/XAR SKU 420137	Illustration not currently available	**FPF Tapole Frog** funphonefriend.com A-05 SKU 417318	**FPF Bully-Bulldog** funphonefriend.com A-01 SKU 425345	**FPF Funky Monkey** funphonefriend.com A-22 SKU 440370	**FPF ALI-Alligator** funphonefriend.com A-19 SKU 454305	**FPF Santa** funphonefriend.com A-27 SKU 474325

FPF Dangles- Dog Hanging Legs funphonefriend.com A-15 SKU 481374	**FPF Munchie-Manatee** funphonefriend.com A-24 SKU 482389	**FPF Kit Kat- Cat** funphonefriend.com A-10 SKU 486359	**FPF Larry-Lobster** funphonefriend.com A-7 SKU 488341	**FPF Cheeser Mouse** funphonefriend.com A-21 SKU 490397	**FPF Oinky Pig** funphonefriend.com A-09 SKU 491340	**FPF Moo MOO - Cow** funphonefriend.com A-20 SKU 499325	**Travel Charger** Samsung TAD037JBEB/XAR SKU 462120	**Travel Charger** Wireless Solutions 433323U SKU 456386

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Samsung Accessory Quick Pick

Phone Holster
Samsung
17221075019
SKU 452196

Leather pouch
Samsung
17200000022
SKU 454001

Case w/clip
Wireless Solutions
431371U
SKU 440355

Phone Holster
Wireless Solutions
422350U
SKU 478332

Illustration not currently available

Simple Car Kit, R225
Samsung
CKT057EBEC/STD
SKU 423318

Handsfree Headset
Samsung
EP010GBK/XAR
SKU 490020

2.5mm Earwrap Headset
Wireless Solutions
466053U
SKU 460165

2.5mm Earboom Headset
Wireless Solutions
484028U
SKU 424099

Samsung E Heads
Wireless So
416344
SKU 41

UltiMount
Pro.Fit International
UL747
SKU 28327

Samsung SGH-S105

Standard Lilo Battery
Samsung
BST1097SEB/STD
SKU 485318

Extended Lilo Battery
Samsung
BEX1099SEB/STD
SKU 427300

Illustration not currently available

Car Power Charger
Samsung
CAD1095BEB/STD
SKU 455332

Illustration not currently available

Travel Charger
Samsung
TAD109JBEB/STD
SKU 488366

Leather Case
Samsung
17200000039
SKU 431335

Universal Belt Clip
Wireless Solutions
30754
SKU 30754

Illustration not currently available

Simple Car Kit, S105
Samsung
CKT108GBEC/STD
SKU 452352

Handsfree Headset
Samsung
AEP109SLEB/STD
SKU 453337

Illustra not curr availa

Data Conn Kit
Samsu
PKT109LBE
SKU 46

Samsung SGH-V205

Illustration not currently available

Slim Battery, 700 mAh, Lilo
Samsung
BSL1397SEB/STD
SKU 446397

Illustration not currently available

Standard Battery, 900 mAh, Lilo
Samsung
BST1399SEB/STD
SKU 442396

Car Power Charger
Samsung
CAD037SBEB/XAR
SKU 420137

Travel Charger
Samsung
TAD037JBEB/XAR
SKU 462120

Illustration not currently available

Simple Car Kit, SGH-V205
Samsung
CKT139GBEC/STD
SKU 454393

Handsfree Headset
Samsung
AEP109SLEB/STD
SKU 453337

Illustration not currently available

Data Connectivity Kit
Samsung
PKT139TBEC/STD
SKU 461381

Samsung SPH-A460

Standard Battery, 900mah, Lilo
Samsung
BST0989SEB/STD
SKU 443326

Illustration not currently available

Extended Battery, 1500mah, Lilo
Samsung
BEX098FSEB/STD
SKU 427370

Illustration not currently available

Car Power Charger
Samsung
CAD077SBEB/STD
SKU 454374

FPF Daisy Denim Flip- Jean Flower
funphonefriend.com
A-25
SKU 427352

FPF Spotty Flip-Dalmation Dog
funphonefriend.com
A-16
SKU 468391

FPF Floppy Flip-Golden Dog
funphonefriend.com
A-4
SKU 498359

Travel Charger
Samsung
TAD077JBEB/STD
SKU 480365

Illustration not currently available

Leather Case
Samsung
17200000034
SKU 430392

Freesp Bluetooth w/Ada
Jabra Corp
100-9103
SKU 43

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Samsung Accessory Quick Pick

Plantronics Over-The-Head Headset	Over-The-Head Headset,Vol	Over-The-Ear Headset	Plantronics Over-The-Ear Headset	Plantronics Over-The-Ear Headset	Illustration not currently available	Over the ear headset	In-The Ear Headset	In-The Ear Headset
Plantronics	Plantronics	Plantronics	Plantronics	Plantronics		Plantronics	Plantronics	Plantronics
M110	M114	M120	M124	M130		M135/BLUE	M135/ESPRESSO	M140/CHARCOAL	M140/SILVER
SKU 36909	SKU 36926	SKU 36954	SKU 36981	SKU 32055		SKU 433174	SKU 497082	SKU 37000	SKU 467122

In-The-Ear Headset, Vol	Plantronics In-The-Ear Headset	Plantronics Earbud Headset	Over-Head/Ear Headset	Over-Head/Ear Headset,Vol	Bluetooth Headset	Earbud Headset
Plantronics	Plantronics	Plantronics	Plantronics	Plantronics	Plantronics	Samsung
M145	MX100	M205	M170	M175	M1500 BLUETOOTH	EMP55B/XAR
SKU 37004	SKU 410379	SKU 437114	SKU 37022	SKU 37030	SKU 467353	SKU 426034

Standard Battery, 900 mAh, Lilo	Extended Battery, 1500 mah, Lilo	Illustration not currently available	Car Power Charger	FPF Daisy Denim Flip- Jean Flower	FPF Spotty Flip-Dalmation Dog	FPF Floppy Flip-Golden Dog	Travel Charger	Phone Holster	Illustration not currently available	Leather Case
Samsung	Samsung		Samsung	funphonefriend.com	funphonefriend.com	funphonefriend.com	Samsung	Samsung		Samsung
BST0979SEB/STD	BEX097FSEB/STD		CAD077SBEB/STD	A-25	A-16	A-4	TAD077JBEB/STD	1721075017		17200000033
SKU 444382	SKU 471376		SKU 454374	SKU 427352	SKU 468391	SKU 498359	SKU 480365	SKU 450382		SKU 479368

Freespeak Bluetooth Headset w/Adapter	Plantronics Over-The-Head Headset	Over-The-Head Headset,Vol	Over-The-Ear Headset	Plantronics Over-The-Ear Headset	Plantronics Over-The-Ear Headset	Illustration not currently available	Over the ear headset	Over the ear headset	In-The Ear Headset
Jabra Corporation	Plantronics	Plantronics	Plantronics	Plantronics	Plantronics		Plantronics	Plantronics	Plantronics
100-91030000-02	M110	M114	M120	M124	M130		M135/BLUE	M135/ESPRESSO	M140/CHARCOAL	M140/SILVER
SKU 435389	SKU 36909	SKU 36926	SKU 36954	SKU 36981	SKU 32055		SKU 433174	SKU 497082	SKU 37000	SKU 467122

In-The-Ear Headset, Vol	Plantronics In-The-Ear Headset	Plantronics Earbud Headset	Over-Head/Ear Headset	Over-Head/Ear Headset,Vol	Bluetooth Headset	Earbud Headset
Plantronics	Plantronics	Plantronics	Plantronics	Plantronics	Plantronics	Samsung
M145	MX100	M205	M170	M175	M1500 BLUETOOTH	EMP55B/XAR
SKU 37004	SKU 410379	SKU 437114	SKU 37022	SKU 37030	SKU 467353	SKU 426034

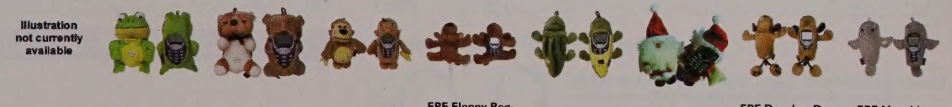

Illustration not currently available	FPF Tapole Frog	FPF Bully-Bulldog	FPF Funky Monkey	FPF Floppy Reg-Brown Dog	FPF ALI-Alligator	FPF Santa	FPF Dangles- Dog Hanging Legs	FPF Munchie-Manatee
Car Power Charger	funphonefriend.com	funphonefriend.com	funphonefriend.com	funphonefriend.com	funphonefriend.com	funphonefriend.com	funphonefriend.com	funphonefriend.com
Samsung	A-05	A-01	A-22	A-3	A-19	A-27	A-15	A-24
CAD077SBEB/STD	SKU 417318	SKU 425345	SKU 440370	SKU 441386	SKU 454305	SKU 474325	SKU 481374	SKU 482389
SKU 454374								

FPF Kit Kat- Cat	FPF Larry-Lobster	FPF Cheeser Mouse	FPF Oinky Pig	FPF Moo MOO - Cow	Travel Charger	Leather pouch	Freespeak Bluetooth Headset w/Adapter	Plantronics Over-The-Head Headset
funphonefriend.com	funphonefriend.com	funphonefriend.com	funphonefriend.com	funphonefriend.com	Samsung	Samsung	Jabra Corporation	Plantronics
A-10	A-7	A-21	A-09	A-20	TAD077JBEB/STD	17200000022	100-91030000-02	M110
SKU 486359	SKU 488341	SKU 490397	SKU 491340	SKU 499325	SKU 480365	SKU 454001	SKU 435389	SKU 36909

msung SPH-A500

msung SPH-N240

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Samsung Accessory Quick Pick

Over-The-Head Headset,Vol
Plantronics
M114
SKU 36926

Over-The-Ear Headset
Plantronics
M120
SKU 36954

Plantronics Over-The-Ear Headset
Plantronics
M124
SKU 36981

Plantronics Over-The-Ear Headset
Plantronics
M130
SKU 32055

Illustration not currently available

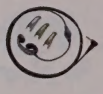
Over the ear headset
Plantronics
M135/BLUE
SKU 433174

Over the ear headset
Plantronics
M135/ESPRESSO
SKU 497082

In-The Ear Headset
Plantronics
M140/CHARCOAL
SKU 37000

In-The Ear Headset
Plantronics
M140/SILVER
SKU 467122

In-The-Headset
Plantro
M14
SKU 37



Plantronics In-The-Ear Headset
Plantronics
MX100
SKU 410379

Plantronics Earbud Headset
Plantronics
M205
SKU 437114

Over-Head/Ear Headset
Plantronics
M170
SKU 37022

Over-Head/Ear Headset,Vol
Plantronics
M175
SKU 37030

Bluetooth Headset
Plantronics
M1500 BLUETOOTH
SKU 467353

Earbud Headset
Samsung
EMP55B/XAR
SKU 426034

Samsung SPH-N400

Standard Battery, 900mAh, Lilo, Silver
Samsung
BST0959SEB/STD
SKU 454325

Extended Battery, 1500mah, Lilo, Silver
Samsung
BEX095FSEB/STD
SKU 475336

Illustration not currently available

Car Power Charger
Samsung
CAD077SBEB/STD
SKU 454374

Travel Charger
Samsung
TAD077JBEB/STD
SKU 480365

Leather Case
Samsung
17200000036
SKU 425396

Phone Holster
Samsung
17221075021
SKU 456326

Freespeak Bluetooth Headset w/Adapter
Jabra Corporation
100-91030000-02
SKU 435389

Plantronics Over-The-Head Headset
Plantronics
M110
SKU 36909

Over-The Headse
Plantro
M11
SKU 3

Over-The-Ear Headset
Plantronics
M120
SKU 36954

Plantronics Over-The-Ear Headset
Plantronics
M124
SKU 36981

Plantronics Over-The-Ear Headset
Plantronics
M130
SKU 32055

Illustration not currently available

Over the ear headset
Plantronics
M135/BLUE
SKU 433174

Over the ear headset
Plantronics
M135/ESPRESSO
SKU 497082

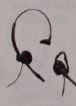
In-The Ear Headset
Plantronics
M140/CHARCOAL
SKU 37000

In-The Ear Headset
Plantronics
M140/SILVER
SKU 467122

In-The-Ear Headset, Vol
Plantronics
M145
SKU 37004

Plantronics Ear He
Plantro
MX
SKU 4

Plantronics Earbud Headset
Plantronics
M205
SKU 437114



Over-Head/Ear Headset
Plantronics
M170
SKU 37022

Over-Head/Ear Headset,Vol
Plantronics
M175
SKU 37030

Bluetooth Headset
Plantronics
M1500 BLUETOOTH
SKU 467353

Earbud Headset
Samsung
EMP55B/XAR
SKU 426034

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Compatible Phone Models:

Samsung SCH-A310

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

ung (OEM) Batteries

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Samsung BST1019SEB/STD 1 Year	Standard battery. Retail packaged. 900 mAh Lilo	66.25 0.25 0.11	35.02 33.82 33.58
Samsung BEX101FSEB/STD 1 Year	Extended battery. Retail packaged. 1500 mAh Lilo	66.25 0.25 0.11	35.02 33.82 33.58

Vehicle Power Adapters [275-10]

ng (OEM) Vehicle Power Adapters

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Samsung CCH030ABEB/STD 1 Year	Car Power Charger. Retail packaged.	30.60 0.25 0.11	12.70 12.28 12.19

Chargers, Desk Top, Travel [305-60]

ng Travel Chargers

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

2120

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Samsung TAD037JBEB/XAR 1 Year	Travel charger. Retail packaged.	38.65 0.3 0.14	20.62 19.92 19.78

Cases for Portable Cellular Phones [310-10]

Samsung Leather Cases and Holsters

415317

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **415317** 1 EACH	Samsung 17221075022 1 Year	Phone holster with swivel belt clip. Retail packaged.	20.70 0.18 0.08	4.78 4.63 4.60
NEW **424360** 1 EACH	Samsung 17200000037 1 Year	Leather case with antenna strap. Retail packaged.	13.80 0.25 0.11	3.34 3.24 3.22

Hands Free Kits, Mics, Headsets [262-09]

Samsung Handsfree Car Kits

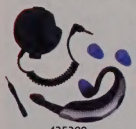
447319

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **447319** 1 EACH	Samsung HKT101NBEG/STD 1 Year	Installed Handsfree kit. Inludes speaker, cradle, cables, microphone, installation hardware and user guide.	199.05 0.25 0.11	169.20 163.33 162.15

Headsets [262-10]

Bluetooth Headsets

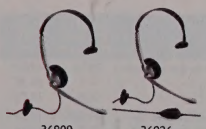


435389

The Motorola Bluetooth headset provides a cordless connection to your mobile phone. Carry on handsfree conversation without the restriction of a cord.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **435389** 1 EACH	Jabra Corporation 100-91030000-02 1 Year	Freespeak Bluetooth Headset with 2.5mm headset jack.	179.95 0.45 0.2	143.06 123.09 114.99

Plantronics Over-The-Head Headsets



36909 36926

All Plantronics over-the-head wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36909 1 EACH	Plantronics M110 1 Year	Flexible headband on this over-the-head headset provides stability and comfort.	24.20 0.4 0.18	16.06 12.59 12.08
36926 1 EACH	Plantronics M114 1 Year	Flexible headband on this over-the-head style headset provides stability and comfort. Includes in-line volume control.	26.80 0.4 0.18	17.80 13.95 13.39

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Samsung SCH-A310

Plantronics Over-The-Ear Headsets

36954 36981 32055 497082

All Plantronics over-the-ear wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hard-wired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36954 1 EACH	Plantronics M120 1 Year	Lightweight comfort in an over-the-ear style headset.	24.20 0.25 0.11	16.06 12.59 12.08
36981 1 EACH	Plantronics M124 1 Year	Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80 0.24 0.11	17.80 13.95 13.39
32055 1 EACH	Plantronics M130 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic-blue, blurple color.	29.50 0.22 0.1	19.59 15.36 14.73
NEW **433174** 1 EACH	Plantronics M135/BLUE 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, blurple color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55
497082 1 EACH	Plantronics M135/ESPRESSO 1 Year	Superior comfort and sleek design in this over-the-ear headset. Espresso color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55

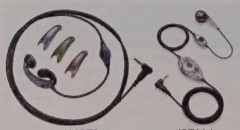
Plantronics In-The-Ear Headsets

37000 37004

All Plantronics in-the-ear boom-style wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37000 1 EACH	Plantronics M140/CHARCOAL 1 Year	Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11	24.31 19.06 18.28
NEW **467122** 1 EACH	Plantronics M140/SILVER 1 Year	Ultra-light comfort with this in-the-ear style headset. Silver color.	36.60 0.25 0.11	24.31 19.06 18.28
37004 1 EACH	Plantronics M145 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11	28.22 22.12 21.22

Plantronics Discreet Earbud Headsets

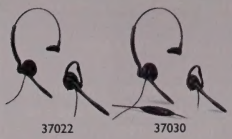


410379 437114

All Plantronics earbud headsets for wireless phones feature Flexfit(TM) design for increased stability, RF noise shielded cable, advanced speaker technology, and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **410379** 1 EACH	Plantronics MX100 1 Year	Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19.59 15.36 14.73
437114 1 EACH	Plantronics M205 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09	19.59 15.36 14.73

Plantronics Convertible Headsets



37022 37030

All Plantronics convertible style wireless phone hea feature a noise-canceling microphone, RF noise shiel cable, advanced speaker technology, microphone-adj switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
37022 1 EACH	Plantronics M170 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18	3 2 2
37030 1 EACH	Plantronics M175 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22	3 2 2

Plantronics Cordless Headsets

467353

Cut the Cord(TM) with Bluetooth(TM) wireless headsets from Plantronic Plantronics over-the-ear cordless headsets feature an adjustable noice can microphone, volume/mute control and answer/end button. High-capacity rechargeable batteries provide up to 2.5 hours of talk time and 60 hours standby.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
NEW **467353** 1 EACH	Plantronics M1500 BLUE-TOOTH 1 Year	Bluetooth headset. Over-the-ear style with answer/end button and volume/mute control. Includes Bluetooth adapter, AC adapter and rechargeable battery. Bluetooth version 1.1.	250.70 0.25 0.11	1 1 1

Samsung Handsfree Headsets

426034

Original accessories... "from the people that made your phone(TM) OEMs design and manufacture accessories to match the specific re ments of their phones, satisfying the most demanding customer. You trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
426034 1 EACH	Samsung EMP55B/XAR 1 Year	Earbud headset with in-line microphone and answer/end button. Retail packaged.	16.40 0.2 0.09

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Compatible Phone Models:

Samsung SGH-N625

If you do not see your phone model listed, please call 800-955-9997.

Cases for Portable Cellular Phones [310-10]

Samsung Leather Cases and Holsters

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **457308** 1 EACH	Samsung 17200000038 1 Year	Leather case. Retail packaged.	15.55 0.25 0.11	3.70 3.59 3.57

Batteries for Portable Phones [270-10]

ung (OEM) Batteries

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Samsung BST0697SEB/STD 1 Year	Standard battery. Retail packaged. 700 mAh Lilo	66.25 0.25 0.11	35.02 33.82 33.58

Waterproof Cases, Belt Clips [310-60]

Wireless Solutions Beltclips

30754

Belt clips designed to conveniently snap onto the phone to securely hold it in place. Holds the phone without the need for a leather carry case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30754 1 EACH	Wireless Solutions 30754 Lifetime	Universal Belt Clip includes three different swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21

Vehicle Power Adapters [275-10]

ung (OEM) Vehicle Power Adapters

420137

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Samsung CAD037SBEB/XAR 1 Year	Car power charger. Retail packaged.	30.60 0.25 0.11	12.70 12.28 12.19

Headsets [262-10]

Samsung Handsfree Headsets

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **418320** 1 EACH	Samsung AEP069SSEC/STD 1 Year	Handsfree headset with in-line microphone and answer/ end button. Retail packaged.	21.70 0.2 0.09	8.38 8.11 8.05

Chargers, Desk Top, Travel [305-60]

ung Travel Chargers

52120

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Samsung TAD037JBEB/XAR 1 Year	Travel charger. Retail packaged.	38.65 0.3 0.14	20.62 19.92 19.78

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Samsung SGH-R225, SGH-R225M

Compatible Phone Models:

Samsung SGH-R225

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

Samsung (OEM) Batteries

451106

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Samsung	Standard battery. Retail packaged. Blue	66.25	35.02
451106	BST0579KEB/STD	900 mAh Lilo	0.25	33.82
1 EACH	1 Year		0.11	33.58

Wireless Solutions Batteries

471365

- High Quality, Great Value
- Attractive retail packaging that promotes self selection and consumer education
- Available with merchandising system that drives multiple and repeat purchases to improve overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Wireless Solutions	Replacement Battery Blue	30.55	21.52
471365	440371U	600 mAh Lilo	0.3	17.51
1 EACH	1 Year		0.14	15.76

Vehicle Power Adapters [275-10]

Samsung (OEM) Vehicle Power Adapters

420137

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Samsung	Car power charger. Retail packaged.	30.60	12.70
420137	CAD037SBEB/XAR		0.25	12.28
1 EACH	1 Year		0.11	12.19

Wireless Solutions Vehicle Power Adapter

Wireless Solutions Vehicle adapters are a great value, a high quality. Quality tested cable returns to original sh after multiple stretches. Attractive retail packaging.

- Variable rate charging for safety & convenience (no overcharging)
- Enough current to make a call with a discharged battery
- Attractive retail packaging that promotes self tion and consumer education
- Available with revolutionary merchandising sy that drives multiple and repeat purchase to in overall profitability

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW	Wireless Solutions	Vehicle Power Adapter. Retail Packaged.	23.00
454341	416361U		0.4
1 EACH	1 Year		0.18

Face Plates [311-10]

FPF Fun Friends

417318 425345 440370

454305 474325 481374

482389 486359 488341

490397 491340 499325

Fun Friends are leading the way with adorable characters that give new attitude to these wise dull products. Fun Friends are a perfect match for all who enjoy plush characters r from Funky the Monkey to Tadpole our Lime Green Frog.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW	funphonefriend.com	Fun Friends phone cover. Tapole Frog	15.00
417318	A-05		0.32
1 EACH	30 days		0.15
NEW	funphonefriend.com	FunFriends phone cover. Bully-Bulldog	15.00
425345	A-01		0.32
1 EACH	30days		0.15
NEW	funphonefriend.com	Fun Friends Funky- Monkey	15.00
440370	A-22		0.32
1 EACH	30 days		0.15
NEW	funphonefriend.com	FunFriends phone cover. ALI- Aligator	15.00
454305	A-19		0.32
1 EACH	30 days		0.15
NEW	funphonefriend.com	Fun Friends phone cover. Santa	15.00
474325	A-27		0.32
1 EACH	30 days		0.15
NEW	funphonefriend.com	Fun Friends phone covers. Dangles- Dog Hanging Legs	15.00
481374	A-15		0.32
1 EACH	30 days		0.15
NEW	funphonefriend.com	Fun Friends phone covers. Munchie- Manatee	15.00
482389	A-24		0.32
1 EACH	30 days		0.15

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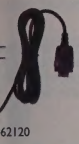
ng product table (2 of 2)

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
9	funphonefriend.com A-10 30 days	Fun Friends phone covers. Kit Kat- Cat	15.00 0.32 0.15	6.50 5.75 5.21
1	funphonefriend.com A-7 30 days	Fun Friends phone cover. Larry -Lobster	15.00 0.32 0.15	6.50 5.75 5.21
7	funphonefriend.com A-21 30 days	Fun Friends phone covers. Cheeser- Mouse	15.00 0.32 0.15	6.50 5.75 5.21
0	funphonefriend.com A-09 30 days	Fun Friends phone covers. Oinky- Pig	15.00 0.32 0.15	6.50 5.75 5.21
5	funphonefriend.com A-20 30 days	Fun Friends phone covers. Moo Moo- Cow	15.00 0.32 0.15	6.50 5.75 5.21

Chargers, Desk Top, Travel [305-60]

ung Travel Chargers

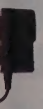


62120

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
0	Samsung TAD037JBEB/XAR 1 Year	Travel charger. Retail packaged.	38.65 0.3 0.14	20.62 19.92 19.78

less Solutions Travel Charger



86

- to any 110 volt outlet
- r phone while it is charging
- Rapid Charges batteries in about 2-4 hours
- Attractive retail packaging that promotes self selection and consumer education

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
	Wireless Solutions 433323U 1 Year	Travel Charger	14.50 0.42 0.19	10.31 8.30 6.30

Cases for Portable Cellular Phones [310-10]

ung Leather Cases and Holsters

96 454001

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
	Samsung 17221075019 1 Year	Phone Holster. Retail box. Black	20.70 0.25 0.11	4.78 4.63 4.60
	Samsung 17200000022 1 Year	Leather, vertical pouch with magnetic closer and built-in belt clip. Black. Retail packaged. Black	29.35 0.25 0.11	6.58 6.37 6.33

Wireless Solutions Cases

440355

- High quality leather
- Nylon stitching
- Leather covered rust resistant spring clip
- Mylar plastic that will not yellow or crack
- Environmentally tested to ensure durability
- Attractive retail packaging that promotes self selectionand consumer education

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 440355 1 EACH	Wireless Solutions 431371U 1 Year	Leather case with built-in swivel and belt clip. Retail packaged. Black	11.60 0.4 0.18	7.50 6.87 6.30

Wireless Solutions Phone Holsters

478332

- Phone Holster can ratchet 180 degrees.
- Phone sits firmly in place inside of holster.
- Holster is manufactured with high-impact plastic.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 478332 1 EACH	Wireless Solutions 422350U 1 Year	Ratcheting Phone Holster Black	7.75 0.3 0.14	5.51 4.66 3.60

Hands Free Kits, Mics, Headsets [262-09]

Samsung Portable Handsfree Kits

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 423318 1 EACH	Samsung CKT057EBEC/STD 1 Year	Simple hands-free car kit. Includes cradle, car power charger and earbud headset. Bulk packaged.	60.25 0.5 0.23	34.56 33.36 33.12

Headsets [262-10]

Samsung Handsfree Headsets

490020

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
490020 1 EACH	Samsung EP010GBK/XAR 1 Year	Earbud headset with in-line microphone and answer/end button. Retail packaged.	21.70 0.2 0.09	8.38 8.11 8.05

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Samsung SGH-S105

Wireless Solutions 2.5mm Earwrap

460165

The Wireless Solutions EarWrap: noise-canceling mic, sleek, lightweight design, colorful accessories. Choose from snap-on boom covers and flex-forming ear wraps in sleek tones of silver, blue and yellow.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
460165 I EACH	Wireless Solutions 466053U Lifetime	Earwrap with colored faceplates and 2.5mm connector.	27.50 0.4 0.18	16.17 14.25 13.97

Wireless Solutions EarBoom Headset

424099

Wireless Solutions In The Ear headset features a boom mic. Comfortable. Provide good mic sound as well as in the ear speaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
424099 I EACH	Wireless Solutions 484028U Lifetime	Earboom Headset with 2.5mm jack. Includes six eargels.	31.00 0.3 0.14	13.31 11.32 9.31

Wireless Solutions EarBud Headset

The Wireless Soluitons EarBud is the most cost-effective, solution for mobile phone users wanting a hands-free alternative at a value price. The EarBud integrates the microphone as part of the cable leading from the ear to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **411384** I EACH	Wireless Solutions 416344U Lifetime	Earbud Headset with the Samsung 2.5mm jack. Includes six eargels.	27.00 0.3 0.14	12.09 10.09 8.09

Mounting Plates, Cradles, Holders [150-40]

UltiMount

28327

The UltiMount by Pro.Fit International secures any phone or car kit in any vehicle. It swivels, rotates and adjusts to virtually any position and installs in seconds with 3M acrylic foam tape. No tools are needed. Great for cars, trucks, RV's or boats. Designed for cell phones, two- way radios, handheld GPS units and PDA's. The complete system includes a swivel belt clip, Nokia button, round and oblong buttons and surface preparation supplies. Will also work with a case with a built-in belt clip. Premium trifold clam-shell package with a color insert card and complete instructions for installing and removing.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
28327 I EACH	Pro.Fit International UL747 Lifetime	UltiMount	24.95 0.5 0.23	15.00 13.98 13.95

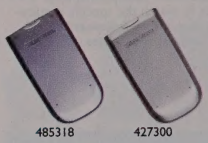
Compatible Phone Model

Samsung SGH-S105

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

Samsung (OEM) Batteries



485318 427300

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying most demanding customer. You can trust the high quality performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)
NEW **485318** I EACH	Samsung BST1097SEB/STD 1 Year	Standard battery. Retail packaged. 700 mAh Lilo	66.25 0.25 0.11
NEW **427300** I EACH	Samsung BEX1099SEB/STD 1 Year	Extended battery. Retail packaged. 900 mAh Lilo	66.25 0.25 0.11

Vehicle Power Adapters [275-10]

Samsung (OEM) Vehicle Power Adapters

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW **455332** I EACH	Samsung CAD109SBEB/STD 1 Year	Car power charger. Retail packaged.	30.60 0.25 0.11

Chargers, Desk Top, Travel [305-60]

Samsung Travel Chargers

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW **488366** I EACH	Samsung TAD109JBEB/STD 1 Year	Travel charger. Retail packaged.	38.65 0.3 0.14

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Cases for Portable Cellular Phones [310-10]

sung Leather Cases and Holsters

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

1335

Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Samsung 17200000039 1 Year	Leather case with detachable belt clip. Retail box.	15.55 0.25 0.11	3.70 3.59 3.57

Waterproof Cases, Belt Clips [310-60]

less Solutions Beltclips

Belt clips designed to conveniently snap onto the phone to securely hold it in place. Holds the phone without the need for a leather carry case.

4

Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Wireless Solutions 30754 Lifetime	Universal Belt Clip includes three different swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21

Hands Free Kits, Mics, Headsets [262-09]

sung Portable Handsfree Kits

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Samsung CKT108GBEC/STD 1 Year	Simple hands-free car kit. Includes cradle, car power charger and earbud headset. Bulk packaged.	60.25 0.5 0.23	34.56 33.36 33.12

Headsets [262-10]

ung Handsfree Headsets

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

53337

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Samsung AEP109SLEB/STD 1 Year	Handsfree headset with in-line microphone and answer/end button. Retail packaged.	27.60 0.2 0.09	10.54 10.19 10.12

Data Interfaces for Portable Phones [260-12]

Samsung Data Kits

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 464361 1 EACH	Samsung PKT109LBEC/STD 1 Year	Data kit. Includes software, cable and instruction manual. Bulk packaged.	80.30 0.3 0.14	46.08 44.48 44.16

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Samsung SGH-V205

Compatible Phone Models:

Samsung SGH-V205

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

Samsung (OEM) Batteries

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **446397** 1 EACH	Samsung BSL1397SEB/STD 1 Year	Slim battery. Retail packaged. 700 mAh Lilo	66.25 0.25 0.11	35.02 33.82 33.58
NEW **442396** 1 EACH	Samsung BST1399SEB/STD 1 Year	Standard battery. Retail packaged. 900 mAh Lilo	66.25 0.25 0.11	35.02 33.82 33.58

Vehicle Power Adapters [275-10]

Samsung (OEM) Vehicle Power Adapters

420137

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **420137** 1 EACH	Samsung CAD037SBEB/XAR 1 Year	Car power charger. Retail packaged.	30.60 0.25 0.11	12.70 12.28 12.19

Chargers, Desk Top, Travel [305-60]

Samsung Travel Chargers

462120

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **462120** 1 EACH	Samsung TAD037JBEB/XAR 1 Year	Travel charger. Retail packaged.	38.65 0.3 0.14	20.62 19.92 19.78

Hands Free Kits, Mics, Headsets [262-09]

Samsung Portable Handsfree Kits

Original accessories... "from the people that made you phone(TM)." OEMs design and manufacture accessori match the specific requirements of their phones, satisf the most demanding customer. You can trust the high and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW **454393** 1 EACH	Samsung CKT139GBEC/STD 1 Year	Simple hands-free car kit. Includes cradle, car power charger and earbud headset. Bulk packaged.	60.25 0.5 0.23

Headsets [262-10]

Samsung Handsfree Headsets

453337

Original accessories... "from the people that made your phone(TM). OEMs design and manufacture accessories to match the specific re ments of their phones, satisfying the most demanding customer. You trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW **453337** 1 EACH	Samsung AEP109SLEB/STD 1 Year	Handsfree headset with in-line microphone and answer/ end button. Retail packaged.	27.60 0.2 0.09

Data Interfaces for Portable Phones [260-12]

Samsung Data Kits

Original accessories... "from the people that made you phone(TM)." OEMs design and manufacture accessorie match the specific requirements of their phones, satisf the most demanding customer. You can trust the high and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW **461381** 1 EACH	Samsung PKT139TBEC/STD 1 Year	Data kit. Includes software, cable and instruction manual. Bulk packaged.	80.30 0.3 0.14

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Compatible Phone Models:

Samsung SPH-A460

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

sung (OEM) Batteries

3326

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
6	Samsung	Standard battery. Retail packaged.	66.25	35.02
	BST0989SEB/STD	900 mAh LiIo	0.25	33.82
H	1 Year		0.11	33.58
0	Samsung	Extended battery. Retail packaged.	66.25	35.02
	BEX098FSEB/STD	1500 mAh LiIo	0.25	33.82
H	1 Year		0.11	33.58

Vehicle Power Adapters [275-10]

sung (OEM) Vehicle Power Adapters

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
	Samsung	Car power charger. Retail packaged.	30.60	12.70
4	CAD077SBEB/STD		0.25	12.28
H	1 Year		0.11	12.19

Face Plates [311-10]

Fun Friends

2 468391 498359

Fun Friends are leading the way with adorable characters that give new attitude to these otherwise dull products. Fun Friends are a perfect match for all who enjoy plush characters ranging from Funky the Monkey to Tadpole our Lime Green Frog.

g product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
	funphonefriend.com	FunFriends phone cover. Daisy Flip- Jean	15.00	6.50
2	A-25		0.32	5.75
H	30 days		0.15	5.21
	funphonefriend.com	Fun Friends phone covers. Spotty Flip- Dalmation Dog	15.00	6.50
1	A-16		0.32	5.75
H	30 days		0.15	5.21

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	funphonefriend.com	Fun Friends, Floppy flip-Golden Dog phone cover.	15.00	6.50
498359	A-4		0.32	5.75
1 EACH	30 days		0.15	5.21

Chargers, Desk Top, Travel [305-60]

Samsung Travel Chargers

480365

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Samsung	Travel charger. Retail packaged.	38.65	20.62
480365	TAD077JBEB/STD		0.3	19.92
1 EACH	1 Year		0.14	19.78

Cases for Portable Cellular Phones [310-10]

Samsung Leather Cases and Holsters

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Samsung	Leather case. Retail packaged.	15.55	3.70
430392	17200000034	Black	0.25	3.59
1 EACH	1 Year		0.11	3.57

Headsets [262-10]

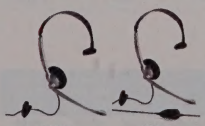
Bluetooth Headsets

435389

The Motorola Bluetooth headset provides a cordless connection to your mobile phone. Carry on handsfree conversation without the restriction of a cord.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Jabra Corporation	Freespeak Bluetooth Headset with 2.5mm headset jack.	179.95	143.06
435389	100-91030000-02		0.45	123.09
1 EACH	1 Year		0.2	114.99

Plantronics Over-The-Head Headsets



36909 36926

All Plantronics over-the-head wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36909	Plantronics	Flexible headband on this over-the-head headset provides stability and comfort.	24.20	16.06
1 EACH	M110		0.4	12.59
	1 Year		0.18	12.08

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36926 1 EACH	Plantronics M114 1 Year	Flexible headband on this over-the-head style headset provides stability and comfort. Includes in-line volume control.	26.80 0.4 0.18	17.80 13.95 13.39

Plantronics Over-The-Ear Headsets

36954 36981 32055 497082

All Plantronics over-the-ear wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hard-wired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36954 1 EACH	Plantronics M120 1 Year	Lightweight comfort in an over-the-ear style headset.	24.20 0.25 0.11	16.06 12.59 12.08
36981 1 EACH	Plantronics M124 1 Year	Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80 0.24 0.11	17.80 13.95 13.39
32055 1 EACH	Plantronics M130 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic-blue, blurple color.	29.50 0.22 0.1	19.59 15.36 14.73
NEW **433174** 1 EACH	Plantronics M135/BLUE 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, blurple color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55
497082 1 EACH	Plantronics M135/ESPRESSO 1 Year	Superior comfort and sleek design in this over-the-ear headset. Espresso color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55

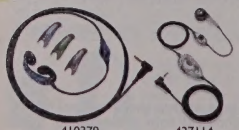
Plantronics In-The-Ear Headsets

37000 37004

All Plantronics in-the-ear boom-style wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37000 1 EACH	Plantronics M140/CHARCOAL 1 Year	Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11	24.31 19.06 18.28
NEW **467122** 1 EACH	Plantronics M140/SILVER 1 Year	Ultra-light comfort with this in-the-ear style headset. Silver color.	36.60 0.25 0.11	24.31 19.06 18.28
37004 1 EACH	Plantronics M145 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11	28.22 22.12 21.22

Plantronics Discreet Earbud Headsets

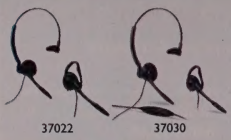


410379 437114

All Plantronics earbud headsets for wireless phones feature Flexfit(TM) design for increased stability, RF noise shielded cable, advanced speaker technology, and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **410379** 1 EACH	Plantronics MX100 1 Year	Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19.59 15.36 14.73
437114 1 EACH	Plantronics M205 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09	19.59 15.36 14.73

Plantronics Convertible Headsets



37022 37030

All Plantronics convertible style wireless phone head feature a noise-canceling microphone, RF noise shiel cable, advanced speaker technology, microphone-adj switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
37022 1 EACH	Plantronics M170 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18	3 2 2
37030 1 EACH	Plantronics M175 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22	3 2 2

Plantronics Cordless Headsets

467353

Cut the Cord(TM) with Bluetooth(TM) wireless headsets from Plantronic Plantronics over-the-ear cordless headsets feature an adjustable noice can microphone, volume/mute control and answer/end button. High-capacity rechargeable batteries provide up to 2.5 hours of talk time and 60 hours o standby.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
NEW **467353** 1 EACH	Plantronics M1500 BLUE-TOOTH 1 Year	Bluetooth headset. Over-the-ear style with answer/end button and volume/mute control. Includes Bluetooth adapter, AC adapter and rechargeable battery. Bluetooth version 1.1.	250.70 0.25 0.11	1 1 1

Samsung Handsfree Headsets

426034

Original accessories... "from the people that made your phone(TM) OEMs design and manufacture accessories to match the specific re ments of their phones, satisfying the most demanding customer. You trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
426034 1 EACH	Samsung EMP55B/XAR 1 Year	Earbud headset with in-line microphone and answer/end button. Retail packaged.	16.40 0.2 0.09	

Data Interfaces for Portable Phones [260-12]

Samsung Data Cables

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW **430348** 1 EACH	Samsung PCB077UBEB/STD 1 Year	USB data cable. Retail packaged.	22.60 0.3 0.14

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Compatible Phone Models:

Samsung SPH-A500

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

ung (OEM) Batteries

382 471376

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
	Samsung BST0979SEB/STD 1 Year	Standard battery. Retail box. 900 mAh Lilo	66.25 0.25 0.11	35.02 33.82 33.58
	Samsung BEX097FSEB/STD 1 Year	Extended battery. Retail box. 1500 mAh Lilo	66.25 0.25 0.11	35.02 33.82 33.58

Vehicle Power Adapters [275-10]

ung (OEM) Vehicle Power Adapters

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
	Samsung CAD077SBEB/STD 1 Year	Car power charger. Retail packaged.	30.60 0.25 0.11	12.70 12.28 12.19

Face Plates [311-10]

un Friends

2 468391 498359

Fun Friends are leading the way with adorable characters that give new attitude to these otherwise dull products. Fun Friends are a perfect match for all who enjoy plush characters ranging from Funky the Monkey to Tadpole our Lime Green Frog.

g product table (1 of 2)

	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
	funphonefriend.com A-25 30 days	FunFriends phone cover. Daisy Flip- Jean	15.00 0.32 0.15	6.50 5.75 5.21
	funphonefriend.com A-16 30 days	Fun Friends phone covers. Spotty Flip- Dalmation Dog	15.00 0.32 0.15	6.50 5.75 5.21

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 498359 1 EACH	funphonefriend.com A-4 30 days	Fun Friends, Floppy flip-Golden Dog phone cover.	15.00 0.32 0.15	6.50 5.75 5.21

Chargers, Desk Top, Travel [305-60]

Samsung Travel Chargers

480365

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 480365 1 EACH	Samsung TAD077JBEB/STD 1 Year	Travel charger. Retail packaged.	38.65 0.3 0.14	20.62 19.92 19.78

Cases for Portable Cellular Phones [310-10]

Samsung Leather Cases and Holsters

450382

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 450382 1 EACH	Samsung 17221075017 1 Year	Phone holster. Retail box.	20.70 0.18 0.08	4.78 4.63 4.60
NEW 479368 1 EACH	Samsung 17200000033 1 Year	Leather case. Retail box.	15.55 0.25 0.11	3.70 3.59 3.57

Headsets [262-10]

Bluetooth Headsets

435389

The Motorola Bluetooth headset provides a cordless connection to your mobile phone. Carry on handsfree conversation without the restriction of a cord.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 435389 1 EACH	Jabra Corporation 100-91030000-02 1 Year	Freespeak Bluetooth Headset with 2.5mm headset jack.	179.95 0.45 0.2	143.06 123.09 114.99

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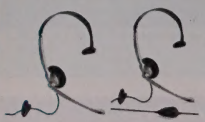
Samsung SPH-A500

Plantronics Over-The-Head Headsets



36909 36926

All Plantronics over-the-head wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36909 1 EACH	Plantronics M110 1 Year	Flexible headband on this over-the-head headset provides stability and comfort.	24.20 0.4 0.18	16.06 12.59 12.08
36926 1 EACH	Plantronics M114 1 Year	Flexible headband on this over-the-head style headset provides stability and comfort. Includes in-line volume control.	26.80 0.4 0.18	17.80 13.95 13.39

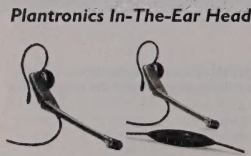
Plantronics Over-The-Ear Headsets

36954 36981 32055 497082

All Plantronics over-the-ear wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hard-wired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36954 1 EACH	Plantronics M120 1 Year	Lightweight comfort in an over-the-ear style headset.	24.20 0.25 0.11	16.06 12.59 12.08
36981 1 EACH	Plantronics M124 1 Year	Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80 0.24 0.11	17.80 13.95 13.39
32055 1 EACH	Plantronics M130 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic-blue, blurple color.	29.50 0.22 0.1	19.59 15.36 14.73
NEW **433174** 1 EACH	Plantronics M135/BLUE 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, blurple color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55
497082 1 EACH	Plantronics M135/ESPRESSO 1 Year	Superior comfort and sleek design in this over-the-ear headset. Espresso color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55

Plantronics In-The-Ear Headsets

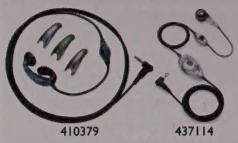


37000 37004

All Plantronics in-the-ear boom-style wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37000 1 EACH	Plantronics M140/CHARCOAL 1 Year	Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11	24.31 19.06 18.28
NEW **467122** 1 EACH	Plantronics M140/SILVER 1 Year	Ultra-light comfort with this in-the-ear style headset. Silver color.	36.60 0.25 0.11	24.31 19.06 18.28
37004 1 EACH	Plantronics M145 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11	28.22 22.12 21.22

Plantronics Discreet Earbud Headsets

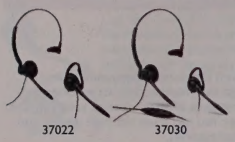


410379 437114

All Plantronics earbud headsets for wireless phones ture Flexfit(TM) design for increased stability, RF no shielded cable, advanced speaker technology, and a ing clip. Available in a standard 2.5mm plug or hardw for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW **410379** 1 EACH	Plantronics MX100 1 Year	Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09
437114 1 EACH	Plantronics M205 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09

Plantronics Convertible Headsets



37022 37030

All Plantronics convertible style wireless phone head feature a noise-canceling microphone, RF noise shiel cable, advanced speaker technology, microphone-adj switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
37022 1 EACH	Plantronics M170 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18
37030 1 EACH	Plantronics M175 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22

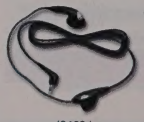
Plantronics Cordless Headsets

467353

Cut the Cord(TM) with Bluetooth(TM) wireless headsets from Plantronic Plantronics over-the-ear cordless headsets feature an adjustable noice can microphone, volume/mute control and answer/end button. High-capacity rechargeable batteries provide up to 2.5 hours of talk time and 60 hours o standby.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW **467353** 1 EACH	Plantronics M1500 BLUE-TOOTH 1 Year	Bluetooth headset. Over-the-ear style with answer/end button and volume/mute control. Includes Bluetooth adapter, AC adapter and rechargeable battery. Bluetooth version 1.1.	250.70 0.25 0.11

Samsung Handsfree Headsets



426034

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Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
426034 1 EACH	Samsung EMP55B/XAR 1 Year	Earbud headset with in-line microphone and answer/end button. Retail packaged.	16.40 0.2 0.09

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Data Interfaces for Portable Phones [260-12]

sung Data Cables

n	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
B	Samsung PCB077UBEB/STD	USB data cable. Retail packaged.	22.60 0.3	13.42 12.97
H	1 Year		0.14	12.88

Compatible Phone Models:

Samsung SPH-N240

If you do not see your phone model listed, please call 800-955-9997.

Vehicle Power Adapters [275-10]

Samsung (OEM) Vehicle Power Adapters

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Samsung	Car power charger. Retail packaged.	30.60	12.70
454374	CAD077SBEB/STD		0.25	12.28
1 EACH	1 Year		0.11	12.19

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Face Plates [311-10]

FPF Fun Friends

417318 425345 440370

441386 454305 474325

481374 482389 486359

488341 490397 491340

499325

Fun Friends are leading the way with adorable characters that give new attitude to these otherwise dull products. Fun Friends are a perfect match for all who enjoy plush characters ranging from Funky the Monkey to Tadpole our Lime Green Frog.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 417318 1 EACH	funphonefriend.com A-05 30 days	Fun Friends phone cover. Tapole Frog	15.00 0.32 0.15	6.50 5.75 5.21
NEW 425345 1 EACH	funphonefriend.com A-01 30days	FunFriends phone cover. Bully-Bulldog	15.00 0.32 0.15	6.50 5.75 5.21
NEW 440370 1 EACH	funphonefriend.com A-22 30 days	Fun Friends Funky- Monkey	15.00 0.32 0.15	6.50 5.75 5.21
NEW 441386 1 EACH	funphonefriend.com A-3 30 days	Fun Friends phone covers. Floppy Reg	15.00 0.32 0.15	6.50 5.75 5.21
NEW 454305 1 EACH	funphonefriend.com A-19 30 days	FunFriends phone cover. ALI- Aligator	15.00 0.32 0.15	6.50 5.75 5.21
NEW 474325 1 EACH	funphonefriend.com A-27 30 days	Fun Friends phone cover. Santa	15.00 0.32 0.15	6.50 5.75 5.21
NEW 481374 1 EACH	funphonefriend.com A-15 30 days	Fun Friends phone covers. Dangles- Dog Hanging Legs	15.00 0.32 0.15	6.50 5.75 5.21
NEW 482389 1 EACH	funphonefriend.com A-24 30 days	Fun Friends phone covers. Munchie- Manatee	15.00 0.32 0.15	6.50 5.75 5.21
NEW 486359 1 EACH	funphonefriend.com A-10 30 days	Fun Friends phone covers. Kit Kat- Cat	15.00 0.32 0.15	6.50 5.75 5.21
NEW 488341 1 EACH	funphonefriend.com A-7 30 days	Fun Friends phone cover. Larry -Lobster	15.00 0.32 0.15	6.50 5.75 5.21
NEW 490397 1 EACH	funphonefriend.com A-21 30 days	Fun Friends phone covers. Cheeser- Mouse	15.00 0.32 0.15	6.50 5.75 5.21
NEW 491340 1 EACH	funphonefriend.com A-09 30 days	Fun Friends phone covers. Oinky- Pig	15.00 0.32 0.15	6.50 5.75 5.21
NEW 499325 1 EACH	funphonefriend.com A-20 30 days	Fun Friends phone covers. Moo Moo- Cow	15.00 0.32 0.15	6.50 5.75 5.21

Chargers, Desk Top, Travel [305-60]

Samsung Travel Chargers

480365

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of t phones, satisfying the most demanding customer. You can trust the high qual and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 480365 1 EACH	Samsung TAD077JBEB/STD 1 Year	Travel charger. Retail packaged.	38.65 0.3 0.14	2 1 1

Cases for Portable Cellular Phones [310-10]

Samsung Leather Cases and Holsters

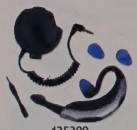
454001

Original accessories... "from the people that made your phone(TM)." OEMs desig manufacture accessories to match the specific requirements of their phones, satis the most demanding customer. You can trust the high quality and performance of nal accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
454001 1 EACH	Samsung 17200000022 1 Year	Leather, vertical pouch with magnetic closer and built-in belt clip. Black. Retail packaged. Black	29.35 0.25 0.11	6 6 6

Headsets [262-10]

Bluetooth Headsets



435389

The Motorola Bluetooth headset provides a cordless connection to y mobile phone. Carry on handsfree conversation without the restricti a cord.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 435389 1 EACH	Jabra Corporation 100-91030000-02 1 Year	Freespeak Bluetooth Headset with 2.5mm headset jack.	179.95 0.45 0.2	14 12 11

Plantronics Over-The-Head Headsets

36909 36926

All Plantronics over-the-head wireless phone headsets fea a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch clothing clip. The 2.5mm plug connects directly into the h set port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
36909 1 EACH	Plantronics M110 1 Year	Flexible headband on this over-the-head headset provides stability and comfort.	24.20 0.4 0.18	1 1 1
36926 1 EACH	Plantronics M114 1 Year	Flexible headband on this over-the-head style headset provides stability and comfort. Includes in-line volume control.	26.80 0.4 0.18	1 1 1

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NORTH AMERICA 800-955-9997
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FAX 410-527-0005
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See TESSCO.com for latest pricing and pro
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ronics Over-The-Ear Headsets

36981 32055 497082

ntronics over-the-ear wireless phone headsets feature a noise-cancelling microphone, RF hielded cable, advanced speaker technology, microphone-adjust switch and a clothing ailable in a standard 2.5mm plug or hard-wired for specific Nokia phones.

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Plantronics M120 1 Year	Lightweight comfort in an over-the-ear style headset.	24.20 0.25 0.11	16.06 12.59 12.08
Plantronics M124 1 Year	Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80 0.24 0.11	17.80 13.95 13.39
Plantronics M130 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic-blue, blurple color.	29.50 0.22 0.1	19.59 15.36 14.73
Plantronics M135/BLUE 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, blurple color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55
Plantronics M135/ESPRESSO 1 Year	Superior comfort and sleek design in this over-the-ear headset. Espresso color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55

ronics In-The-Ear Headsets

All Plantronics in-the-ear boom-style wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

7000 37004

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Plantronics M140/CHARCOAL 1 Year	Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11	24.31 19.06 18.28
Plantronics M140/SILVER 1 Year	Ultra-light comfort with this in-the-ear style headset. Silver color.	36.60 0.25 0.11	24.31 19.06 18.28
Plantronics M145 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11	28.22 22.12 21.22

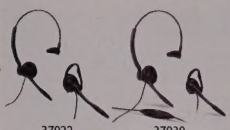
onics Discreet Earbud Headsets

All Plantronics earbud headsets for wireless phones feature Flexfit(TM) design for increased stability, RF noise shielded cable, advanced speaker technology, and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

10379 437114

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Plantronics MX100 1 Year	Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19.59 15.36 14.73
Plantronics M205 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09	19.59 15.36 14.73

Plantronics Convertible Headsets



All Plantronics convertible style wireless phone headsets feature a noise-canceling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

37022 37030

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37022 1 EACH	Plantronics M170 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18	31.25 24.50 23.50
37030 1 EACH	Plantronics M175 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22	35.16 27.57 26.44

Plantronics Cordless Headsets

467353

Cut the Cord(TM) with Bluetooth(TM) wireless headsets from Plantronics. All Plantronics over-the-ear cordless headsets feature an adjustable noice cancelling microphone, volume/mute control and answer/end button. High-capacity rechargeable batteries provide up to 2.5 hours of talk time and 60 hours of standby.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **467353** 1 EACH	Plantronics M1500 BLUE-TOOTH 1 Year	Bluetooth headset. Over-the-ear style with answer/end button and volume/mute control. Includes Bluetooth adapter, AC adapter and rechargeable battery. Bluetooth version 1.1.	250.70 0.25 0.11	166.67 130.67 125.34

Samsung Handsfree Headsets

426034

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
426034 1 EACH	Samsung EMP55B/XAR 1 Year	Earbud headset with in-line microphone and answer/end button. Retail packaged.	16.40 0.2 0.09	6.44 6.23 6.19

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Samsung SPH-N400

Compatible Phone Models:

Samsung SPH-N400

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

Samsung (OEM) Batteries

454325 475336

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **454325** 1 EACH	Samsung BST0959SEB/STD 1 Year	Standard battery. Retail packaged. Silver 1000 mAh Lilo	66.25 0.25 0.11	35.02 33.82 33.58
NEW **475336** 1 EACH	Samsung BEX095FSEB/STD 1 Year	Extended battery. Retail packaged. Silver 1500 mAh Lilo	66.25 0.25 0.11	35.02 33.82 33.58

Vehicle Power Adapters [275-10]

Samsung (OEM) Vehicle Power Adapters

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **454374** 1 EACH	Samsung CAD077SBEB/STD 1 Year	Car power charger. Retail packaged.	30.60 0.25 0.11	12.70 12.28 12.19

Chargers, Desk Top, Travel [305-60]

Samsung Travel Chargers

480365

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **480365** 1 EACH	Samsung TAD077JBEB/STD 1 Year	Travel charger. Retail packaged.	38.65 0.3 0.14	20.62 19.92 19.78

Cases for Portable Cellular Phones [310-10]

Samsung Leather Cases and Holsters

425396 456326

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to the specific requirements of their phones, satisfying the mo demanding customer. You can trust the high quality and per mance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)
NEW **425396** 1 EACH	Samsung 17200000036 1 Year	Leather case. Retail packaged.	15.55 0.25 0.11
NEW **456326** 1 EACH	Samsung 17221075021 1 Year	Phone holster. Retail packaged.	20.70 0.18 0.08

Headsets [262-10]

Bluetooth Headsets

435389

The Motorola Bluetooth headset provides a cordless connection to mobile phone. Carry on handsfree conversation without the restric a cord.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW **435389** 1 EACH	Jabra Corporation 100-91030000-02 1 Year	Freespeak Bluetooth Headset with 2.5mm headset jack.	179.95 0.45 0.2

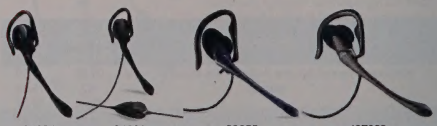
Plantronics Over-The-Head Headsets

36909 36926

All Plantronics over-the-head wireless phone headsets fe a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch clothing clip. The 2.5mm plug connects directly into the set port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
36909 1 EACH	Plantronics M110 1 Year	Flexible headband on this over-the-head headset provides stability and comfort.	24.20 0.4 0.18
36926 1 EACH	Plantronics M114 1 Year	Flexible headband on this over-the-head style headset provides stability and comfort. Includes in-line volume control.	26.80 0.4 0.18

Plantronics Over-The-Ear Headsets



36954 36981 32055 497082

All Plantronics over-the-ear wireless phone headsets feature a noise-cancelling microphon noise shielded cable, advanced speaker technology, microphone-adjust switch and a cloth clip. Available in a standard 2.5mm plug or hard-wired for specific Nokia phones.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
36954 1 EACH	Plantronics M120 1 Year	Lightweight comfort in an over-the-ear style headset.	24.20 0.25 0.11

NEW = New Listing. Pricing for referenc See TESSCO.com for latest pricing and p Copyright 2003 all rights reserved.

g product table (2 of 2)

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
	Plantronics M124 1 Year	Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80 0.24 0.11	17.80 13.95 13.39
	Plantronics M130 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic-blue, blurple color.	29.50 0.22 0.1	19.59 15.36 14.73
	Plantronics M135/BLUE 1 Year	Superior comfort and sleek design in this over-the-ear headset. Metallic blue, blurple color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55
2	Plantronics M135/ESPRESSO 1 Year	Superior comfort and sleek design in this over-the-ear headset. Espresso color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55

ronics In-The-Ear Headsets

7000 37004

All Plantronics in-the-ear boom-style wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
	Plantronics M140/CHARCOAL 1 Year	Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11	24.31 19.06 18.28
2	Plantronics M140/SILVER 1 Year	Ultra-light comfort with this in-the-ear style headset. Silver color.	36.60 0.25 0.11	24.31 19.06 18.28
	Plantronics M145 1 Year	Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11	28.22 22.12 21.22

ronics Discreet Earbud Headsets

410379 437114

All Plantronics earbud headsets for wireless phones feature Flexfit(TM) design for increased stability, RF noise shielded cable, advanced speaker technology, and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
	Plantronics MX100 1 Year	Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19.59 15.36 14.73
	Plantronics M205 1 Year	Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09	19.59 15.36 14.73

ronics Convertible Headsets

022 37030

All Plantronics convertible style wireless phone headsets feature a noise-canceling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
	Plantronics M170 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18	31.25 24.50 23.50
	Plantronics M175 1 Year	Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22	35.16 27.57 26.44

Plantronics Cordless Headsets

467353

Cut the Cord(TM) with Bluetooth(TM) wireless headsets from Plantronics. All Plantronics over-the-ear cordless headsets feature an adjustable noice cancelling microphone, volume/mute control and answer/end button. High-capacity rechargeable batteries provide up to 2.5 hours of talk time and 60 hours of standby.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **467353** 1 EACH	Plantronics M1500 BLUE-TOOTH 1 Year	Bluetooth headset. Over-the-ear style with answer/end button and volume/mute control. Includes Bluetooth adapter, AC adapter and rechargeable battery. Bluetooth version 1.1.	250.70 0.25 0.11	166.67 130.67 125.34

Samsung Handsfree Headsets

426034

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
426034 1 EACH	Samsung EMP55B/XAR 1 Year	Earbud headset with in-line microphone and answer/end button. Retail packaged.	16.40 0.2 0.09	6.44 6.23 6.19

Data Interfaces for Portable Phones [260-12]

Samsung Data Cables

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **430348** 1 EACH	Samsung PCB077UBEB/STD 1 Year	USB data cable. Retail packaged.	22.60 0.3 0.14	13.42 12.97 12.88

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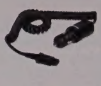
Siemens Accessory Quick Pick

Siemens M46

Battery, 500mAh, NiMH
Siemens ICM, LLC
L36880-N4701-A113
SKU 463315



Car Charger, M46
Siemens ICM, LLC
L36880-N5401-A104
SKU 442300

Desktop Charger, M46
Siemens ICM, LLC
L36880-N4501-A149
SKU 494338

Travel Charger, M46
Siemens ICM, LLC
L36880-N5401-A103
SKU 410313

Leather Case, M46
Siemens ICM, LLC
L36880-N5401-A107
SKU 470357

Phone Holster, Medium
Nite Ize
SUMP-07-01
SKU 437345

Boxit Phone Case, Onyx
Nite Ize
NBX-07-01
SKU 422375

Boxit Phone Case, Crystal
Nite Ize
NBX-07-04
SKU 424372

Boxit Phone C
Citron
Nite Ize
NBX-07-2
SKU 4673

Boxit Phone Case, Aqua
Nite Ize
NBX-07-03
SKU 482355

Belt Clip, Siemens M46
Siemens ICM, LLC
L36880-N7501-A113
SKU 444306

Universal Belt Clip
Wireless Solutions
30754
SKU 30754

Portable Car Kit, M46
Siemens ICM, LLC
L36880-N5401-A106
SKU 484316

Earbud Headset, M46
Siemens ICM, LLC
L36880-N5401-A109
SKU 495375

MP3 PlayerUSB Headset,M46
Siemens ICM, LLC
L36880-N5401-A112
SKU 430350

Car Charger/ Headset Adapt
Siemens ICM, LLC
L36880-N5401-A111
SKU 426386

Data Cable, Siemens M46
Siemens ICM, LLC
L36880-N5401-A108
SKU 469388

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Compatible Phone Models:

Siemens M46

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

ns Portable Phone Batteries

63315

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Siemens ICM, LLC L36880-N4701-A113 1 Year	Battery Black 500 mAh NiMH 180 minutes TT/200 hours ST	35.75 0.1 0.05	18.93 18.40 17.86

Vehicle Power Adapters [275-10]

ns Vehicle Power Adapters

442300

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Siemens ICM, LLC L36880-N5401-A104 1 Year	Car charger. Bulk packaged.	26.00 0.2 0.09	9.86 9.57 9.29

Chargers, Desk Top, Travel [305-60]

ns Desktop Chargers

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Siemens ICM, LLC L36880-N4501-A149 1 Year	Desktop charger. Bulk packaged.	35.00 0.2 0.09	21.21 20.58 19.99

Siemens Travel Chargers

410313

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **410313** 1 EACH	Siemens ICM, LLC L36880-N5401-A103 1 Year	Travel charger. Quick charge function adjusts automatically to voltages between 100 - 240 volts. Bulk packaged.	25.75 0.2 0.09	13.63 13.25 12.86

Cases for Portable Cellular Phones [310-10]

Siemens Leather Cases

470357

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **470357** 1 EACH	Siemens ICM, LLC L36880-N5401-A107 1 Year	Leather pouch. Bulk packaged. Black	21.70 0.1 0.05	9.86 9.56 9.30

Nite Ize Holsters

437345

The Stand-Up Phone Holster provides the ultimate in protection and usability for your phone. Durable Ballistic nylon protects from moisture and scratches, and a secure holstering mechanism ensures your phone will never leave your belt unintentionally

- Available in three sizes: small, medium and large. Elastic sides expand to accomodate various phones
- Multiple pockets hold accessories
- Bendable metal frame stands, hangs or attaches to holster and provides a hands-free workstation
- Security snap attaches securely to belt
- Open-ended design for CLA's, headset or other phone accessories

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **437345** 1 EACH	Nite Ize SUMP-07-01 2 years	Medium holster. Phone must fit into 5 1/2L" x 3 1/8"W x 1 1/4D" pocket.	28.25 0.15 0.07	14.68 14.34 14.11

Nite Ize Protective Case

422375 424372 467363 482355

Boxit mobile phone case provides the ultimate protection for any environment.

- Molded polyurethane front and polycarbonate back protects phone from moisture, dirt, dust, and shock. Floats too!
- Includes two different lids to accomodate nearly every phone. Antenna extensions and plugs are included for nearly every style antenna.
- Hear and talk through flexible transparent face while a special waterproof Gore audio membrane enhances audibility and guarantees effective sound transmission
- Operates from -40F to +140F. Approved to IP45 and IP65

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **422375** 1 EACH	Nite Ize NBX-07-01 2 years	BOXIT universal phone case. Onyx color	46.20 0.15 0.07	24.01 23.47 23.09

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Siemens M46

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **424372** 1 EACH	Nite Ize NBX-07-04 2 years	BOXIT universal phone case. Crystal color.	46.20 0.15 0.07	24.01 23.47 23.09
NEW **467363** 1 EACH	Nite Ize NBX-07-28 2 years	BOXIT universal phone case. Citron color.	46.20 0.15 0.07	24.01 23.47 23.09
NEW **482355** 1 EACH	Nite Ize NBX-07-03 2 years	BOXIT universal phone case. Aqua color.	46.20 0.15 0.07	24.01 23.47 23.09

Waterproof Cases, Belt Clips [310-60]

Siemens Belt Clips

444306

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **444306** 1 EACH	Siemens ICM, LLC L36880-N7501-A113 1 Year	Belt clip. Bulk packaged.	18.70 0.1 0.05	4.24 4.13 4.00

Wireless Solutions Beltclips

30754

Belt clips designed to conveniently snap onto the phone to securely hold it in place. Holds the phone without the need for a leather carry case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30754 1 EACH	Wireless Solutions 30754 Lifetime	Universal Belt Clip includes three different swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21

Hands Free Kits, Mics, Headsets [262-09]

Siemens Portable Handsfree Car Kits

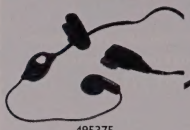
484316

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **484316** 1 EACH	Siemens ICM, LLC L36880-N5401-A106 1 Year	Portable car kit. Features a rotatable loudspeaker, flexible microphone position, auto answer, charging and adjustable volume (via phone). Bulk packaged.	70.00 0.35 0.16	53.06 51.45 49.98

Headsets [262-10]

Siemens Headsets



495375

430350

426386

Original accessories... "from the people that made your phone(TM)." OEMs design and m facture accessories to match the specific requirements of their phones, satisfying the mo demanding customer. You can trust the high quality and performance of original accessor

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW **495375** 1 EACH	Siemens ICM, LLC L36880-N5401-A109 1 Year	Earbud headset with push-to-talk button. Bulk packaged.	23.35 0.1 0.05
NEW **430350** 1 EACH	Siemens ICM, LLC L36880-N5401-A112 1 Year	MP3 player USB headset. Stereo headset with push-to-talk for incoming calls. 50 minutes of music capacity for standard quality or 30 minutes for CD quality. Over 4 hours of play time. Includes 32 MB multimedia card. Retail box.	142.00 0.25 0.11
NEW **426386** 1 EACH	Siemens ICM, LLC L36880-N5401-A111 1 Year	Car charger/headset adapter. Allows for simultaneous use of car charger and headset while traveling in a vehicle. Bulk packaged.	16.65 0.1 0.05

Data Interfaces for Portable Phones [260-12]

Siemens Data Cables

469388

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories t match the specific requirements of their phones, satisfying most demanding customer. You can trust the high quality a performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW **469388** 1 EACH	Siemens ICM, LLC L36880-N5401-A108 1 Year	Serial data cable. Allows for connection between phone and PC enabling data synchronization and transfer. Bulk packaged.	29.00 0.15 0.07

NEW = New Listing. Pricing for referenc
See TESSCO.com for latest pricing and p
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Sony Accessory Quick Pick

ony Ericsson T200

Standard Battery BST-24
Sony Ericsson Mobile Comm.
NTK102043
SKU 435362

Desk/Wall Stand CDW-10
Sony Ericsson Mobile Comm.
DPY901077/01
SKU 490058

Desk Stand CDS-11
Sony Ericsson Mobile Comm.
DPY901260
SKU 473167

Travel Charger CST-13
Sony Ericsson Mobile Comm.
NTK102031
SKU 423355

Leather Holster ICE-20
Sony Ericsson Mobile Comm.
ICE-20
SKU 441329

Phone Holster, Medium
Nite Ize
SUMP-07-01
SKU 437345

Boxit Phone Case, Onyx
Nite Ize
NBX-07-01
SKU 422375

Boxit Phone Case, Crystal
Nite Ize
NBX-07-04
SKU 424372

Boxit Phone Case, Citron
Nite Ize
NBX-07-28
SKU 467363

Boxit Phone Case, Aqua
Nite Ize
NBX-07-03
SKU 482355

Phone Holster ICT-14
Sony Ericsson Mobile Comm.
NTK102045
SKU 454352

Advanced Vehicle Handsfree HCA-20
Sony Ericsson Mobile Comm.
DPY901222
SKU 435090

External Handset HCE-10
Sony Ericsson Mobile Comm.
DPY901047
SKU 444003

Antenna Cable HCE-12
Sony Ericsson Mobile Comm.
DPY901130
SKU 476197

Portable Handsfree with answering button HPB-10
Sony Ericsson Mobile Comm.
DPY1012297
SKU 423091

RS232 Data Cable DRS-11
Sony Ericsson Mobile Comm.
DPY901236
SKU 437022

Laser Pointer ILP-20
Sony Ericsson Mobile Comm.
NTK102023
SKU 433375

Blue Torch IBT-20
Sony Ericsson Mobile Comm.
NTK102022
SKU 447318

USB Cable DCU-10
Sony Ericsson Mobile Comm.
DPY901240
SKU 498175

Chatboard CHA-10
Sony Ericsson Mobile Comm.
1/NTK10246
SKU 453012

ony Ericsson T206

Standard Battery BST-19
Sony Ericsson Mobile Comm.
BST-19
SKU 416378

Vehicle Power & Charge CLA-12
Sony Ericsson Mobile Comm.
CLA-12
SKU 468393

Snap On Cover IST-20
Sony Ericsson Mobile Comm.
NTK102037
SKU 412383

Snap On Cover IST-20
Sony Ericsson Mobile Comm.
NTK102034
SKU 426312

Snap On Cover IST-20
Sony Ericsson Mobile Comm.
NTK102036
SKU 462356

Snap On Cover IST-20
Sony Ericsson Mobile Comm.
NTK102035
SKU 487336

Leather Holster ICE-20
Sony Ericsson Mobile Comm.
ICE-20
SKU 441329

Phone Holster, Medium
Nite Ize
SUMP-07-01
SKU 437345

Boxit Phone Case, Onyx
Nite Ize
NBX-07-01
SKU 422375

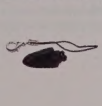
Boxit Phone Case, Crystal
Nite Ize
NBX-07-04
SKU 424372

Boxit Phone Case, Citron
Nite Ize
NBX-07-28
SKU 467363

Boxit Phone Case, Aqua
Nite Ize
NBX-07-03
SKU 482355

Universal Belt Clip
Wireless Solutions
30754
SKU 30754

Laser Pointer ILP-20
Sony Ericsson Mobile Comm.
NTK102023
SKU 433375



Blue Torch IBT-20
Sony Ericsson Mobile Comm.
NTK102022
SKU 447318

ony Ericsson T300, T306

Standard Battery BST-22
Sony Ericsson Mobile Comm.
DPY901365
SKU 415391

Desk/Wall Stand CDW-10
Sony Ericsson Mobile Comm.
DPY901077/01
SKU 490058

Micro Travel Charger CMT-10
Sony Ericsson Mobile Comm.
NTK102047
SKU 488332

Illustration not currently available

Fashion Purple Changeable Face
Sony Ericsson Mobile Comm.
DPY901370/3
SKU 425378

Illustration not currently available

Cool Blue Changeable Face
Sony Ericsson Mobile Comm.
DPY901370/1
SKU 427367

Illustration not currently available

Spicey Orange Changeable Face
Sony Ericsson Mobile Comm.
DPY901370/2
SKU 443389

Illustration not currently available

Fresh Lime Changeable Face
Sony Ericsson Mobile Comm.
DPY901370/4
SKU 475324

Desk Stand CDS-11
Sony Ericsson Mobile Comm.
DPY901260
SKU 473167

Travel Charger CST-13
Sony Ericsson Mobile Comm.
NTK102031
SKU 423355

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Sony Accessory Quick Pick

Phone Holster, Medium
Nite Ize
SUMP-07-01
SKU 437345

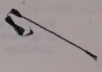
Boxit Phone Case, Onyx
Nite Ize
NBX-07-01
SKU 422375

Boxit Phone Case, Crystal
Nite Ize
NBX-07-04
SKU 424372

Boxit Phone Case, Citron
Nite Ize
NBX-07-28
SKU 467363

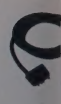
Boxit Phone Case, Aqua
Nite Ize
NBX-07-03
SKU 482355

Phone Holster ICT-14
Sony Ericsson Mobile Comm.
NTK102045
SKU 454352



Gooseneck Microphone HCE-14
Sony Ericsson Mobile Comm.
RLC509401/02
SKU 421351

Car Holder HCH-30
Sony Ericsson Mobile Comm.
DPY901323
SKU 481396

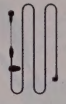


System (HCC-
Sony Ericsso
Com
DPY901
SKU 48

Advanced Vehicle Handsfree HCA-20
Sony Ericsson Mobile Comm.
DPY901222
SKU 435090

External Handset HCE-10
Sony Ericsson Mobile Comm.
DPY901047
SKU 444003

Antenna Cable HCE-12
Sony Ericsson Mobile Comm.
DPY901130
SKU 476197



Portable Handsfree with answering button HPB-10
Sony Ericsson Mobile Comm.
DPY1012297
SKU 423091

RS232 Data Cable DRS-11
Sony Ericsson Mobile Comm.
DPY901236
SKU 437022

CommuniCam, MCA-25
Sony Ericsson Mobile Comm.
DPY901334
SKU 432347

Laser Pointer ILP-20
Sony Ericsson Mobile Comm.
NTK102023
SKU 433375

Blue Torch IBT-20
Sony Ericsson Mobile Comm.
NTK102022
SKU 447318

USB Cable
Sony Ericsso
Com
DPY901
SKU 49

Chatboard CHA-10
Sony Ericsson Mobile Comm.
I/NTK10246
SKU 453012

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Compatible Phone Models:

Sony ericsson T200

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

on Portable Phone Batteries

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Sony Ericsson Mobile Comm. NTK102043 1 Year	The Standard Battery BST-24 is a lightweight 700 mAh Lithium Ion battery for your T200 mobile phone. 700 mAH Lithium Ion	47.00 0.25 0.11	31.15 30.92 30.74

Battery Conditioning Units [305-10]

on Desk Top Chargers

490058

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Sony Ericsson Mobile Comm. DPY901077/01 1 Year	Keep your phone close at hand. Connect the Desk/ Wall Stand to any compatible Ericsson Rapid or Travel Charger, and you have a portable desktop charger.	12.85 0.3 0.14	8.57 8.50 8.45

Chargers, Desk Top, Travel [305-60]

Ericsson Desktop Charger

473167

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

- MultiCharger recharges the battery on the phone and a spare battery at the same time. Conditioning feature lets you charge and discharge the battery in the rear position with the push of a button.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
473167 1 EACH	Sony Ericsson Mobile Comm. DPY901260 1 Year	A flexible, elegant holder for your Ericsson mobile phone. Keeps your phone's display in view so you won't miss a call. Full system connector offers versatility for connecting a charger, handsfree or Bluetooth adapter. Requires CTR-10 or CTR-11 travel charger for power source (sold separately).	12.00 0.2 0.09	6.13 6.09 6.06

Ericsson Travel Chargers

423355

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 423355 1 EACH	Sony Ericsson Mobile Comm. NTK102031 1 Year	A standard charger for all of our 3-volt products with system connector. The charger consists of an AC/DC unit including a wall plug, a DC cable and a DC power connector.	15.05 0.3 0.14	12.53 12.44 12.37

Cases for Portable Cellular Phones [310-10]

Ericsson (OEM) Wireless Phone Holsters

441329

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 441329 1 EACH	Sony Ericsson Mobile Comm. ICE-20	Made of soft natural leather, the ICE-20 protects your phone and keeps it close at hand. The holster snugly fits the phone and has a swivel belt clip. Light Grey	10.45 0.12 0.05	9.19 9.12 9.07

Nite Ize Holsters

437345

The Stand-Up Phone Holster provides the ultimate in protection and usability for your phone. Durable Ballistic nylon protects from moisture and scratches, and a secure holstering mechanism ensures your phone will never leave your belt unintentionally

- Available in three sizes: small, medium and large. Elastic sides expand to accomodate various phones
- Multiple pockets hold accessories
- Bendable metal frame stands, hangs or attaches to holster and provides a hands-free workstation
- Security snap attaches securely to belt
- Open-ended design for CLA's, headset or other phone accessories

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 437345 1 EACH	Nite Ize SUMP-07-01 2 years	Medium holster. Phone must fit into 5 1/2L" x 3 1/8"W x 1 1/4D" pocket.	28.25 0.15 0.07	14.68 14.34 14.11

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Sony Ericsson T200

Nite Ize Protective Case

422375 424372 467363 482355

Boxit mobile phone case provides the ultimate protection for any environment.

- Molded polyurethane front and polycarbonate back protects phone from moisture, dirt, dust, and shock. Floats too!
- Includes two different lids to accomodate nearly every phone. Antenna extensions and plugs are included for nearly every style antenna.
- Hear and talk through flexible transparent face while a special waterproof Gore audio membrane enhances audibility and guarantees effective sound transmission
- Operates from -40F to +140F. Approved to IP45 and IP65

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 422375 1 EACH	Nite Ize NBX-07-01 2 years	BOXIT universal phone case. Onyx color	46.20 0.15 0.07	24.01 23.47 23.09
NEW 424372 1 EACH	Nite Ize NBX-07-04 2 years	BOXIT universal phone case. Crystal color.	46.20 0.15 0.07	24.01 23.47 23.09
NEW 467363 1 EACH	Nite Ize NBX-07-28 2 years	BOXIT universal phone case. Citron color.	46.20 0.15 0.07	24.01 23.47 23.09
NEW 482355 1 EACH	Nite Ize NBX-07-03 2 years	BOXIT universal phone case. Aqua color.	46.20 0.15 0.07	24.01 23.47 23.09

Waterproof Cases, Belt Clips [310-60]

Ericsson Phone Holsters

454352

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 454352 1 EACH	Sony Ericsson Mobile Comm. NTK102045	Durable to withstand everyday wear and tear. The Phone Holster ICT-14 can attach to your belt with a detachable belt clip to be worn horizontally or with a belt loop to be worn vertically. You can even carry it using the included wrist strap. This holster has a Velcro closure and is available in gray nylon. Gray nylon	17.00 0.25 0.11	8.85 8.79 8.74

Hands Free Kits, Mics, Headsets [262-09]

Ericsson HCA-10 Advanced Handsfree Kit

435090 444003

ERICSSON Advanced handsfree Kit for the son T28. Features stylish design, voice-dialing adjustable holder, full duplex mic, automatic tic tuning and full connectivity.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
435090 1 EACH	Sony Ericsson Mobile Comm. DPY901222 1 Year	Handsfree Kit engineered for superior sound quality. Reduces engine and road noise up to 75% when on a call. Also, supports voice control features, and Simple Music Mute silences the car radio when you receive a call. Professional installation required. There are two options for installation of the HCA 20. One uses a phone specific cradle and another uses a generic cradle. The generic cradle allows different phones to use the car kit without changing anything in the car. Using the phone specific cradle, the following products/accessories must be purchased to use the HCA-20. Car Holder: HCH-21 (T28, T39), HCH-27 (A2218z, A2228z, R300), HCH-22 (R380, R520m), HCH-29 (T60, T61), HCH-28(T68). System Cables: HCC-11 (T28, T39, R380, R520), HCC-12 (A2218z, A2228z, R300), HCC-20 (T60, T61, T68). As an alternate set up, the following phones can use the generic car holder (HCH 30) with the generic system cable (HCC 30) in conjunction with the HCA-20: A2218z, T28, T39, T68, R300 and R380.	130.80 2.55 1.16
444003 1 EACH	Sony Ericsson Mobile Comm. DPY901047 1 Year	The External Handset HCE-10 lets you have private calls in your car without removing your phone from its holder. Requires the Advanced Vehicle Handsfree HCA-20 that is sold separately.	135.20 0.8 0.36

Ericsson Handsfree Kit

476197

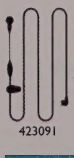
Original accessories... "from the people that made your phone(TM)." design and manufacture accessories to match the specific requiremen their phones, satisfying the most demanding customer. You can trust th quality and performance of original accessories.

- Ericsson HF2500D vehicle handsfree install kit. Adjustable cradle turns into a car phone. External anten port with TNC connector. Charger replenishes battery. Includes phone holder with loudspeaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
476197 1 EACH	Sony Ericsson Mobile Comm. DPY901130 1 Year	Makes it possible to connect your car holder (HCH-21) to an external antenna for improved reception.	19.45 0.3 0.14

Headsets [262-10]

Ericsson Portable Handsfree Kits



423091

Original accessories... "from the people that made your phone(TM)." OEMs d and manufacture accessories to match the specific requirements of their pho isfying the most demanding customer. You can trust the high quality and perfo of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
423091 1 EACH	Sony Ericsson Mobile Comm. DPY1012297 1 Year	Keeps you talking anywhere, anytime. Stay connected safely with Ericsson's Portable Handsfree. Whether you're driving, walking or shopping, you're free to concentrate on what really matters. Answer button keeps you in control. Shirt clip includes a holder for earpiece when not in use.	23.00 0.2 0.09

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Data Interfaces for Portable Phones [260-12]

Ericsson RS232 Data Cables

ERICSSON RS232 data Cable to facilitate the connection to PC's that don't support infared communication. Convenient PC connectivity.

7022

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Sony Ericsson Mobile Comm. DPY901236	The enhanced RS232 Cable DRS-11 connects tthe system connector of your 3V phone to the serial port of your PC. It gives you access to data, fax and modem operations via GSM and TDMA products.	37.00 0.23 0.1	22.80 22.64 22.50

433375 447318

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Sony Ericsson Mobile Comm. NTK102023	A laser pointer to impress your audience. Giving a presentation, you can use this tiny accessory to point to elements on a large screen.	12.00 0.12 0.05	8.36 8.29 8.24
Sony Ericsson Mobile Comm. NTK102022	This tiny snap-on accessory gives off a strong blue light when attached to your Sony Ericsson mobile phone. Use it in complete darkness, and you will be surprised at its strength. To make sure you have it with you at all times, hang it on a key ring or phone bag.	7.00 0.1 0.05	4.18 4.15 4.12

on Data Cables

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

175

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Sony Ericsson Mobile Comm. DPY901240 One Year	The USB Cable DCU-10 is an ideal link between your mobile phone and PC. The user friendly USB standard and the high data transfer speed, makes the USB cable a perfect tool for moving data between your phone and a PC, for example when synchronizing your phone book and calendar. If your phone has a built-in modem, you can use the cable to connect to the Internet via your mobile phone, making Web and e-mail access possible from virtually any location. The USB cable also features a charger port, that lets you charge the phone while the cable is in use, ensuring that you do not run out of power. Includes CD	43.00 0.5 0.23	26.38 26.18 26.02

Digital Organizers [260-30]

Ericsson Chatboard

453012

The Chatboard is a 49 key, snap-on keyboard that allows you to send e-mail, access SMS and the WWW, send attachments and access your phonebook. Your documents and attachments are stored in your personal homepage on the Chatboard Community Website, www.Ericsson.com/Chatboard. Just press the SMS or e-mail button on the keyboard and start typing. The Chatboard works with Ericsson T18z phone and the 1 888 World phone. The Chatboard weighs less than 2 ounces. Retail Packaged.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
453012 1 EACH	Sony Ericsson Mobile Comm. 1/NTK10246 1 Year	Send an important message to anyone in an instant using the Chatboard, an attachable keyboard for your mobile phone. Snap on the pocket sized accessory to the base of your phone, and you're ready to begin.	11.00 0.2 0.09	7.48 7.43 7.38

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Sony Ericsson T206

Compatible Phone Models:

Ericsson T206

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

Ericsson Portable Phone Batteries

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **416378** 1 EACH	Sony Ericsson Mobile Comm. BST-19	The Standard Battery BST-19 is a lightweight 850 mAh Lithium Ion battery for your T206 mobile phone. Black 850	41.70 0.12 0.05	31.90 31.67 31.48

Vehicle Power Adapters [275-10]

Ericsson (OEM) Vehicle Power Adapters

468393

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories. Provides power to the phone and charges the battery at the same time.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **468393** 1 EACH	Sony Ericsson Mobile Comm. CLA-12	The fastest way to charge on the road - under two hours! Powers your phone while you talk and also recharges your battery. Compact, lightweight and portable. Allows use of portable HF device while charging.	11.40 0.2 0.09	8.52 8.46 8.41

Face Plates [311-10]

Ericsson Snap-on Covers

412383 426312 462356 487336

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **412383** 1 EACH	Sony Ericsson Mobile Comm. NTK102037 1 Year	Interchangeable cover. Caribbean Blue.	18.00 0.25 0.11	12.19 12.11 12.04

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW **426312** 1 EACH	Sony Ericsson Mobile Comm. NTK102034 1 Year	Interchangeable cover. Graphic Black.	18.00 0.25 0.11
NEW **462356** 1 EACH	Sony Ericsson Mobile Comm. NTK102036 1 Year	Interchangeable cover. Golden Yellow.	18.00 0.25 0.11
NEW **487336** 1 EACH	Sony Ericsson Mobile Comm. NTK102035 1 Year	Interchangeable cover. Pearl Blush.	18.00 0.25 0.11

Cases for Portable Cellular Phones [310-10]

Ericsson (OEM) Wireless Phone Holsters

441329

Original accessories... "from the people that made your phone(TM)." OEMs and manufacture accessories to match the specific requirements of their pho satisfying the most demanding customer. You can trust the high quality and pe mance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)
NEW **441329** 1 EACH	Sony Ericsson Mobile Comm. ICE-20	Made of soft natural leather, the ICE-20 protects your phone and keeps it close at hand. The holster snugly fits the phone and has a swivel belt clip. Light Grey	10.45 0.12 0.05

Nite Ize Holsters

437345

The Stand-Up Phone Holster provides the ultimate in protection and usabilit your phone. Durable Ballistic nylon protects from moisture and scratches, an secure holstering mechanism ensures your phone will never leave your belt u tionally

- Available in three sizes: small, medium and large. Elastic sides expand to accomodate various phones
- Multiple pockets hold accessories
- Bendable metal frame stands, hangs or attaches to holster and provides a hands-free workstation
- Security snap attaches securely to belt
- Open-ended design for CLA's, headset or othe phone accessories

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)
NEW **437345** 1 EACH	Nite Ize SUMP-07-01 2 years	Medium holster. Phone must fit into 5 1/2L" x 3 1/8"W x 1 1/4D" pocket.	28.25 0.15 0.07

Nite Ize Protective Case

422375 424372 467363 482355

Boxit mobile phone case provides the ultim protection for any environment.

- Molded polyurethane front and polycarbonate back protects phone from moisture, dirt, dust, and shock. Floats too!
- Includes two different lids to accomodate nearly every phone. Antenna extensions and plugs are included for nearly every style antenna.
- Hear and talk through flexible transparent fac while a special waterproof Gore audio memb enhances audibility and guarantees effective s transmission
- Operates from -40F to +140F. Approved to IP and IP65

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)
NEW **422375** 1 EACH	Nite Ize NBX-07-01 2 years	BOXIT universal phone case. Onyx color	46.20 0.15 0.07
NEW **424372** 1 EACH	Nite Ize NBX-07-04 2 years	BOXIT universal phone case. Crystal color.	46.20 0.15 0.07

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Sony Ericsson T300, T306

product table (2 of 2)

Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Nite Ize NBX-07-28 2 years	BOXIT universal phone case. Citron color.	46.20 0.15 0.07	24.01 23.47 23.09
Nite Ize NBX-07-03 2 years	BOXIT universal phone case. Aqua color.	46.20 0.15 0.07	24.01 23.47 23.09

Waterproof Cases, Belt Clips [310-60]

ess Solutions Beltclips

Belt clips designed to conveniently snap onto the phone to securely hold it in place. Holds the phone without the need for a leather carry case.

Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Wireless Solutions 30754 Lifetime	Universal Belt Clip includes three different swivels with 3M adhesive. Black	6.80 0.18 0.08	4.22 3.75 3.21

Data Interfaces for Portable Phones [260-12]

433375 447318

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Sony Ericsson Mobile Comm. NTK102023	A laser pointer to impress your audience. Giving a presentation, you can use this tiny accessory to point to elements on a large screen.	12.00 0.12 0.05	8.36 8.29 8.24
Sony Ericsson Mobile Comm. NTK102022	This tiny snap-on accessory gives off a strong blue light when attached to your Sony Ericsson mobile phone. Use it in complete darkness, and you will be surprised at its strength. To make sure you have it with you at all times, hang it on a key ring or phone bag.	7.00 0.1 0.05	4.18 4.15 4.12

Compatible Phone Models:

Sony ericsson T300
Sony ericsson T306

If you do not see your phone model listed, please call 800-955-9997.

Batteries for Portable Phones [270-10]

Ericsson Portable Phone Batteries

415391

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Capacity (mAH)/Cell Type, Talk Time/ Standby Time	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **415391** 1 EACH	Sony Ericsson Mobile Comm. DPY901365 1 year	The Standard Battery BST-22 is a lightweight 700 mAh Lithium Ion battery for your T300 or T306 mobile phone. Black 700 mAh Lithium Ion	47.00 0.12 0.05	35.33 35.07 34.86

Battery Conditioning Units [305-10]

Ericsson Desk Top Chargers

490058

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **490058** 1 EACH	Sony Ericsson Mobile Comm. DPY901077/01 1 Year	Keep your phone close at hand. Connect the Desk/ Wall Stand to any compatible Ericsson Rapid or Travel Charger, and you have a portable desktop charger.	12.85 0.3 0.14	8.57 8.50 8.45

Ericsson Travel Chargers

488332

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **488332** 1 EACH	Sony Ericsson Mobile Comm. NTK102047 1 Year	The Micro Travel Charger CMT-10 is one of the first chargers to charge without having a cord. Made for people on the move, it is as small as a charger can get. It is the perfect backup charger, sized and shaped to slip into a pocket. And it is truly easy to use consisting only of what is really necessary. A charging unit to plug into the main outlet, and its protective cover.	22.00 0.3 0.14	13.01 12.92 12.84

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Sony Ericsson T300, T306

Face Plates [311-10]

Ericsson Snap-on Covers

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 425378 1 EACH	Sony Ericsson Mobile Comm. DPY901370/3	Fashion Purple, interchangeable covers for the T300.	17.40 0.12 0.05	12.11 12.02 11.95
NEW 427367 1 EACH	Sony Ericsson Mobile Comm. DPY901370/1 One Year	Cool Blue, interchangeable covers for the T300.	17.40 0.12 0.05	12.11 12.02 11.95
NEW 443389 1 EACH	Sony Ericsson Mobile Comm. DPY901370/2 One year	Spicey Orange, interchangeable covers for the T300.	17.40 0.12 0.05	12.11 12.02 11.95
NEW 475324 1 EACH	Sony Ericsson Mobile Comm. DPY901370/4 One year	Fresh Lime, interchangeable covers for the T300.	18.00 0.12 0.05	12.11 12.02 11.95

Chargers, Desk Top, Travel [305-60]

Ericsson Desktop Charger

473167

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

- MultiCharger recharges the battery on the phone and a spare battery at the same time. Conditioning feature lets you charge and discharge the battery in the rear position with the push of a button.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
473167 1 EACH	Sony Ericsson Mobile Comm. DPY901260 1 Year	A flexible, elegant holder for your Ericsson mobile phone. Keeps your phone's display in view so you won't miss a call. Full system connector offers versatility for connecting a charger, handsfree or Bluetooth adapter. Requires CTR-10 or CTR-11 travel charger for power source (sold separately).	12.00 0.2 0.09	6.13 6.09 6.06

Ericsson Travel Chargers

423355

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 423355 1 EACH	Sony Ericsson Mobile Comm. NTK102031 1 Year	A standard charger for all of our 3-volt products with system connector. The charger consists of an AC/DC unit including a wall plug, a DC cable and a DC power connector.	15.05 0.3 0.14	12.53 12.44 12.37

Cases for Portable Cellular Phones [310-10]

Nite Ize Holsters

437345

The Stand-Up Phone Holster provides the ultimate in protection and usabili your phone. Durable Ballistic nylon protects from moisture and scratches, ar secure holstering mechanism ensures your phone will never leave your belt u tionally

- Available in three sizes: small, medium and large. Elastic sides expand to accomodate various phones
- Multiple pockets hold accessories
- Bendable metal frame stands, hangs or attaches to holster and provides a hands-free workstation
- Security snap attaches securely to belt
- Open-ended design for CLA's, headset or oth phone accessories

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)
NEW 437345 1 EACH	Nite Ize SUMP-07-01 2 years	Medium holster. Phone must fit into 5 1/2L" x 3 1/8"W x 1 1/4D" pocket.	28.25 0.15 0.07

Nite Ize Protective Case

422375 424372 467363 482355

Boxit mobile phone case provides the ultim protection for any environment.

- Molded polyurethane front and polycarbonate back protects phone from moisture, dirt, dust, and shock. Floats too!
- Includes two different lids to accomodate nearly every phone. Antenna extensions and plugs are included for nearly every style antenna.
- Hear and talk through flexible transparent fac while a special waterproof Gore audio memb enhances audibility and guarantees effective s transmission
- Operates from -40F to +140F. Approved to IP and IP65

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)
NEW 422375 1 EACH	Nite Ize NBX-07-01 2 years	BOXIT universal phone case. Onyx color	46.20 0.15 0.07
NEW 424372 1 EACH	Nite Ize NBX-07-04 2 years	BOXIT universal phone case. Crystal color.	46.20 0.15 0.07
NEW 467363 1 EACH	Nite Ize NBX-07-28 2 years	BOXIT universal phone case. Citron color.	46.20 0.15 0.07
NEW 482355 1 EACH	Nite Ize NBX-07-03 2 years	BOXIT universal phone case. Aqua color.	46.20 0.15 0.07

Waterproof Cases, Belt Clips [310-60]

Ericsson Phone Holsters

454352

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to the specific requirements of their phones, satisfying the mos demanding customer. You can trust the high quality and perf mance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color	List ($) Wt. (lbs) Wgt. (kg.)
NEW 454352 1 EACH	Sony Ericsson Mobile Comm. NTK102045	Durable to withstand everyday wear and tear. The Phone Holster ICT-14 can attach to your belt with a detachable belt clip to be worn horizontally or with a belt loop to be worn vertically. You can even carry it using the included wrist strap. This holster has a Velcro closure and is available in gray nylon. Gray nylon	17.00 0.25 0.11

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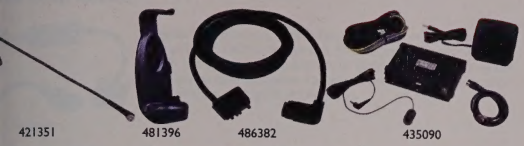
Hands Free Kits, Mics, Headsets [262-09]

on HCA-10 Advanced Handsfree Kit



421351 481396 486382 435090

ERICSSON Advanced handsfree Kit for the Ericsson T28. Features stylish design, voice-dialing, adjustable holder, full duplex mic, automatic acoustic tuning and full connectivity.

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Sony Ericsson Mobile Comm. RLC509401/02 1 Year	A microphone on a flexible gooseneck that makes it easy to access and further enhance sound quality.	25.00 1 0.45	15.98 15.86 15.77
Sony Ericsson Mobile Comm. DPY901323 1 Year	Car Holder that is easy to adjust to different phone models. A basic handsfree solution that keeps the phone firmly attached and close at hand for increased traffic safety. Can be connected to Advanced Car Handsfree with use of the system cable HCC-30. Quick and easy installation.	23.00 0.28 0.13	14.67 14.56 14.48
Sony Ericsson Mobile Comm. DPY901328 1 Year	This cable is required to attach the Advanced Car Handsfree HCA-20 with the Car Holder HCH-30. Should be installed by a qualified professional.	18.00 1 0.45	11.15 11.06 11.00
Sony Ericsson Mobile Comm. DPY901222 1 Year	Handsfree Kit engineered for superior sound quality. Reduces engine and road noise up to 75% when on a call. Also, supports voice control features, and Simple Music Mute silences the car radio when you receive a call. Professional installation required. There are two options for installation of the HCA 20. One uses a phone specific cradle and another uses a generic cradle. The generic cradle allows different phones to use the car kit without changing anything in the car. Using the phone specific cradle, the following products/accessories must be purchased to use the HCA-20. Car Holder: HCH-21 (T28, T39), HCH-27 (A2218z, A2228z, R300), HCH-22 (R380, R520m), HCH-29 (T60, T61), HCH-28 (T68). System Cables: HCC-11 (T28, T39, R380, R520), HCC-12 (A2218z, A2228z, R300), HCC-20 (T60, T61, T68). As an alternate set up, the following phones can use the generic car holder (HCH 30) with the generic system cable (HCC 30) in conjunction with the HCA-20: A2218z, T28, T39, T68, R300 and R380.	130.80 2.55 1.16	87.37 86.71 86.19
Sony Ericsson Mobile Comm. DPY901047 1 Year	The External Handset HCE-10 lets you have private calls in your car without removing your phone from its holder. Requires the Advanced Vehicle Handsfree HCA-20 that is sold separately.	135.20 0.8 0.36	90.29 89.62 89.07

on Handsfree Kit

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

97
HF2500D vehicle handsfree install kit. Adjustable cradle turns into a car phone. External antenna TNC connector. Charger replenishes battery. Includes phone holder with loudspeaker.

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Sony Ericsson Mobile Comm. DPY901130 1 Year	Makes it possible to connect your car holder (HCH-21) to an external antenna for improved reception.	19.45 0.3 0.14	12.98 12.88 12.80

Headsets [262-10]

Ericsson Portable Handsfree Kits

423091

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
423091 1 EACH	Sony Ericsson Mobile Comm. DPY1012297 1 Year	Keeps you talking anywhere, anytime. Stay connected safely with Ericsson's Portable Handsfree. Whether you're driving, walking or shopping, you're free to concentrate on what really matters. Answer button keeps you in control. Shirt clip includes a holder for earpiece when not in use.	23.00 0.2 0.09	9.75 9.68 9.63

Data Interfaces for Portable Phones [260-12]

Sony Ericsson RS232 Data Cables

437022

ERICSSON RS232 data Cable to facilitate the connection to PC's that don't support infared communication. Convenient PC connectivity.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 437022 1 EACH	Sony Ericsson Mobile Comm. DPY901236	The enhanced RS232 Cable DRS-11 connects tthe system connector of your 3V phone to the serial port of your PC. It gives you access to data, fax and modem operations via GSM and TDMA products.	37.00 0.23 0.1	22.80 22.64 22.50

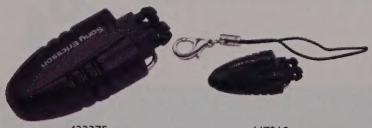
Cameras

432347

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 432347 1 EACH	Sony Ericsson Mobile Comm. DPY901334 1 year	Snap on camera that allows pictures to be taken and saved/ shared. Offers a standard optical view finder and phone display view for cutting edge sensation. Effects such as stylish frames, falling bubbles, and others can be added. Pictures can be sent via E-mail or MMS.	179.00 0.3 0.14	113.72 112.87 112.19

Light



433375 447318

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 433375 1 EACH	Sony Ericsson Mobile Comm. NTK102023	A laser pointer to impress your audience. Giving a presentation, you can use this tiny accessory to point to elements on a large screen.	12.00 0.12 0.05	8.36 8.29 8.24
NEW 447318 1 EACH	Sony Ericsson Mobile Comm. NTK102022	This tiny snap-on accessory gives off a strong blue light when attached to your Sony Ericsson mobile phone. Use it in complete darkness, and you will be surprised at its strength. To make sure you have it with you at all times, hang it on a key ring or phone bag.	7.00 0.1 0.05	4.18 4.15 4.12

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Digital Organizers [260-30]

Ericsson Chatboard

453012

The Chatboard is a 49 key, snap-on keyboard that allows you to send e-mail, access SMS and the WWW, send attachments and access your phonebook. Your documents and attachments are stored in your personal homepage on the Chatboard Community Website, www.Ericsson.com/Chatboard. Just press the SMS or e-mail button on the keyboard and start typing. The Chatboard works with Ericsson T18z phone and the I 888 World phone. The Chatboard weighs less than 2 ounces. Retail Packaged.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
453012 1 EACH	Sony Ericsson Mobile Comm. 1/NTK10246 1 Year	Send an important message to anyone in an instant using the Chatboard, an attachable keyboard for your mobile phone. Snap on the pocket sized accessory to the base of your phone, and you're ready to begin.	11.00 0.2 0.09	7.48 7.43 7.38

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Data Interfaces for Portable Phones [260-12]

vox Data Cables

449047

Original accessories... "from the people that made your phone(TM)." OEM's design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Manufacturer Mfg. P/N Warranty	Description Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Audiovox DIC9100 1 Year	Serial data kit. Includes serial cable and software. Allows for connectivity between phone and PC laptop. CDM-9100, CDM-9150x, 9155-GPX	110.35 0.5 0.23	70.80 65.74 60.68
Audiovox MOK9150 1 Year	Mobile office data kit. Includes software and USB data cable. Allows for connectivity between phone and PC laptop. CDM-9150x, 9155-GPX	109.00 0.4 0.18	69.92 64.93 59.93
Audiovox DIC1100 1 Year	Data interface cable. Software included. Allows for connectivity between phone and PC laptop. CDM's-130XLA, 135, 3400, 8000XL, and PCX1110XL.	109.00 0.4 0.18	69.92 64.93 59.93

Ericsson RS232 Data Cables

492180

ERICSSON RS232 data Cable to facilitate the connection to PC's that don't support infared communication. Convenient PC connectivity.

Manufacturer Mfg. P/N Warranty	Description Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Sony Ericsson Mobile Comm. DPY901268	The MCA-20 connects to your Ericsson phone . Link operation can be downloaded at http://wap.sonyericssonmobile.com. Uses a display viewfinder, resolution up to 640X480 pixels. Stores 14 - 208 pictures depending on choice of resolution. Compatibility for The Ericsson Phones: T68 series.	194.00 0.25 0.11	126.76 125.82 125.06
Sony Ericsson Mobile Comm. DPY901236	The enhanced RS232 Cable DRS-11 connects tthe system connector of your 3V phone to the serial port of your PC. It gives you access to data, fax and modem operations via GSM and TDMA products. T28, T39, T60, T68, 2218, R380, R380 World	37.00 0.23 0.1	22.80 22.64 22.50

as

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Manufacturer Mfg. P/N Warranty	Description Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Sony Ericsson Mobile Comm. DPY901334 1 year	Snap on camera that allows pictures to be taken and saved/ shared. Offers a standard optical view finder and phone display view for cutting edge sensation. Effects such as stylish frames, falling bubbles, and others can be added. Pictures can be sent via E-mail or MMS. T300/ 68i	179.00 0.3 0.14	113.72 112.87 112.19

Light

433375

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **433375** 1 EACH	Sony Ericsson Mobile Comm. NTK102023	A laser pointer to impress your audience. Giving a presentation, you can use this tiny accessory to point to elements on a large screen. T28/ 39/ 68m/ 68i/ 200/ 300/ 300d/ 300Lx/ 300z, R380/ 520, T60z/ 60c/ 60d/ 61c/ 60Lx/ 61d/ 61Lx/ 62u/206, A1228z,	12.00 0.12 0.05	8.36 8.29 8.24
NEW **447318** 1 EACH	Sony Ericsson Mobile Comm. NTK102022	This tiny snap-on accessory gives off a strong blue light when attached to your Sony Ericsson mobile phone. Use it in complete darkness, and you will be surprised at its strength. To make sure you have it with you at all times, hang it on a key ring or phone bag. T28/ 39/ 60z/ 60c/ 61c/ 60Lx/ 60d/ 61d/ 62u/ 68m/ 68i/ 200/ 206/ 300, R300d, R300z, R300Lx, R380/ 520	7.00 0.1 0.05	4.18 4.15 4.12

Ericsson Data Cables

467171

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
467171 1 EACH	Sony Ericsson Mobile Comm. DPY901263 1 Year	Send messages faster with the Chatboard, the attachable keyboard for your mobile phone. Just snap on the pocket-sized accessory to the base of your phone, and you're ready to begin typing. It's the perfect way to send messages quickly and quietly. Not compatible with A1228 series. T60d, R300d, R300LX	28.00 0.3 0.14	18.89 18.75 18.64
498175 1 EACH	Sony Ericsson Mobile Comm. DPY901240 One Year	The USB Cable DCU-10 is an ideal link between your mobile phone and PC. The user friendly USB standard and the high data transfer speed, makes the USB cable a perfect tool for moving data between your phone and a PC, for example when synchronizing your phone book and calendar. If your phone has a built-in modem, you can use the cable to connect to the Internet via your mobile phone, making Web and e-mail access possible from virtually any location. The USB cable also features a charger port, that lets you charge the phone while the cable is in use, ensuring that you do not run out of power. Includes CD T28, T39, T60d, T68m	43.00 0.5 0.23	26.38 26.18 26.02

LG OEM Data Cables

416110

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
416110 1 EACH	LG Infocomm SGDY0001801 1 Year	RS-232 Data Cable. Attaches phone to serial port of PC. SP110, DM110, V111, TP1100, DM510, TM510, TM220, TM520, DB520, TP5200, TM910.	29.00 0.5 0.23	20.85 20.28 19.51
NEW **462149** 1 EACH	LG Infocomm SGDY0004301 1 Year	DB230 USB data cable W/ driver. Attaches phone to USB port of PC. TM520, TP5250	53.00 0.5 0.23	37.85 36.79 35.36
NEW **462392** 1 EACH	LG Infocomm SGDY0001806 1 Year	LG OEM Serial Data Cable for Verizon 510 series phones. Includes CD with PC Sync Software. 510 Series	64.00 0.5 0.23	45.70 44.42 42.69
464181 1 EACH	LG Infocomm SGDY0000201 1 Year	RS-232 Data Cable. Attaches to bottom of phone or Docking Station to PC. TP3000	31.70 0.5 0.23	22.78 22.16 21.31

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LG OEM Data Connectivity Kits

421114

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
421114 I EACH	Superior Comm. 90289 I Year	Data connectivity kit. Includes cable, software, modem adapter and user's manual. SP110, DM110, V111, DM510, TM510	68.60 0.5 0.23	48.97 47.60 45.75

Mitsubishi Data Cables

72440

Mitsubishi cable connects the phone to a PC via the serial port and enables the user to read, write and edit text messages on the computer.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
72440 I EACH	Mitsubishi PCC-P2 I Year	PC Data Cable Mitsubishi G300 series	66.45 0.2 0.09	56.94 52.82 51.50

Motorola Bluetooth Connectivity Kits

436130

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **436130** I EACH	Motorola Inc. 99331 12 Month Limited	Bluetooth connectivity kit. Includes phone module, PC card and CD-ROM with data suite. Product complies with version 1.0B of the Bluetooth Standard. Timeport 270c	280.00 0.5 0.23	310.50 300.50 275.50

Motorola Data Connectivity Kit

460128

Motorola Data Connectivity Kit allows the user to connect a wireless phone to a modem, enabling access to the internet, e-mail or fax. Just connect the cable to your laptop, desktop, or PDA. Install the software and make your connection.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
438121 I EACH	Motorola Inc. 98320 I Year	Multi-Connect serial data kit. Includes serial cable, CD-Rom and instructions. Compatible with Windows 98/NT4.0/2000/XP/ME. V. Series 60c, V. Series 60g, V. Series 60t, V. Series 120c, 120t, Timeport 270c, Timeport 280, T720	70.00 0.6 0.27	54.34 52.59 48.22
460128 I EACH	Motorola Inc. 98326 I Year	USB data kit. Includes USB data cable, CD-Rom and instructions. Compatible with Windows 98/2000/XP/ME. V. Series 60c, V. Series 60g, V. Series 60t, V. Series 120c, 120t, Timeport 270c, Timeport 280, T720	70.00 0.5 0.23	29.50 28.55 26.18
NEW **470184** I EACH	Motorola Inc. NTN1710 I Year	Data connectivity kit for PC and Windows CE (CE requires PDA adapter). i500, i700, i1000plus	106.30 0.5 0.23	65.91 63.78 58.47

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
490191 I EACH	Motorola Inc. 98321 I Year	Multi-Connect Serial Kit for PALM III. Kit includes CE Bus RS232 data head, RS232 PC data cable, Motorola data connectivity solution CD, Palm III data cable and Motorola Com Center Manager CD. Windows operating system requirements: Windows 98, 98SE, NT4.0, 2000, ME and XP. Palm operating system requirements for Com Center Manager: Palm OS 3.3 or later. Motorola retail package. V. Series 60c, V. Series 60g, V66, V. Series 120c, Timeport 270c, Timeport 280, T720	110.00 0.62 0.28	
NEW **493361** I EACH	Motorola Inc. 98478 I Year	Mini USB data kit. Includes USB data cable, CD-Rom and instructions. Compatible with Windows 98SE/2000/XP/ME. C332g	32.50 0.5 0.23	
489110 I EACH	Motorola Inc. SYN7464 12 Month Limited	Serial cable (RS232 plug) for use with Data Connectivity Kit. For CDMA data compatible phones only.	50.00 0.2 0.09	
56660 I EACH	Motorola Inc. SYN7464	Serial cable (RS232 plug) only for CDMA data compatible phones. For use with Data Connectivity Kit. CDMA Data Capable Phones	50.00 0.2 0.09	
477174 I EACH	Motorola Inc. 98347 I Year	Multi-Connect Serial Kit for Palm V. Kit includes CE Bus RS232 data head, RS232 PC data cable, Motorola data connectivity solution CD, Palm V data cable and Motorola Com Center Manager CD. Windows operating system requirements: Windows 98, 98SE, NT4.0, 2000, ME and XP. Palm operating system requirements for Com Center Manager: Palm OS 3.3 or later. Motorola retail package. V. Series 60c, V. Series 60g and 60t, V66, V. Series 120c, Timeport 270c, Timeport 280	110.00 0.64 0.29	

Motorola Data Cables

447167

488154

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Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Phone Model	List ($) Wt. (lbs) Wgt. (kg.)
447167 I EACH	Motorola Inc. S9141 I Year	Serial Data Cable, only. Bulk packaged. V. Series 60c, V. Series 60g, V. Series 60t, V70, V. Series 120c, Timeport 270c, Timeport 280, T720	40.00 0.35 0.16
454166 I EACH	Motorola Inc. SKN6311 I Year	USB Data Cable, only. Bulk packaged. V. Series 60c, V. Series 60g, V. Series 60t, V70, V. Series 120c, Timeport 270c, Timeport 280, T720	30.00 0.35 0.16
NEW **488154** I EACH	Motorola Inc. NNTN4049 I Year	USB data cable. Allows phone to be linked to USB data port on a PC. i90c	25.15 1.25 0.57
NEW **456190** I EACH	Motorola Inc. S9618A I Year	iPAQ cable and head for iPAQ 3135, 3150, 3635, 3650, 3670, 3760, 3765. V. Series 60c, V. Series 60g, V. Series 60t, V70, V. Series 120c, Timeport 270c, Timeport 280	69.40 0.2 0.09
NEW **417368** I EACH	Motorola Inc. S9908 I Year	iPAQ cable and head for the 3800 series. Bulk packaged. V. Series 60c, V. Series 60g, V. Series 60t, V70, V. Series 120c, Timeport 270c, Timeport 280, T720	69.40 0.2 0.09
412079 I EACH	Motorola Inc. NKN6546 I Year	Convertor Plug connects phone to a Palm III or VII PDA. i90c, i85s, i80s, i55sr, i50sx	10.75 0.35 0.16
490089 I EACH	Motorola Inc. NKN6547 I Year	Convertor Plug connects phone to a Palm V PDA. i90c, i85s, i80s, i55sr, i50sx	13.55 0.35 0.16
476039 I EACH	Motorola Inc. NKN6544 I Year	Data Cable connects phone to a PC. i90c, i85s, i80s, i55sr, i50sx	52.95 0.14 0.06
464053 I EACH	Motorola Inc. NKN6540 I Year	"Y" Cable connects phone to Motorola audio accessories or Handsfree Kits for simultaneous data operation.. i90c, i85s, i80s, i55sr, i50sx	68.65 0.35 0.16

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a 5190/6190 Data Suite

NOKIA Data Suite for 5190 and 6190 phones. Use with computer to fax, file transfer, E-mail, access Internet, manage phone memory, send and receive short messages all via a serial cable. Eliminates PCMCIA modem card. Plug and Play. Includes RS-232 (9-pin)cable (DAU-9), Three 3.5" disks and installation/user guides.

Manufacturer Mfg. P/N Warranty	Description Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Nokia DATA SUITE 3 1 year	Data Suite Software and DAU-9P cable 5110/30/90,6110/30/50/90,7190.GSM phones not listed may also be compatible.	89.00 0.44 0.2	50.33 48.58 48.37

Data Cables

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Manufacturer Mfg. P/N Warranty	Description Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Nokia DLR-3P 1 Year	Nokia 3285, 7160, 7190, 6120i, 6160i, 6161i, 6162i, 6185. 7160/7190,6300 series. See PC suite for software applications. Data Cable w/3.5" start-up disk. Provides a serial connection from the mobile phone to a laptop, desktop computer or palm device (adapter needed). Cable terminates in standard 9 pin serial connection. Cable is for data/fax applications only.	34.95 0.57 0.26	23.37 22.56 22.46
Nokia DKU-5	Nokia 3570/ 3585 only. USB data cable for e-mail, faxes, and short message service.	42.00 0.25 0.11	31.58 30.74 29.69
Nokia DKU-6 1 Year	Nokia 6300 series Data Cable with USB connection. 6300	49.00 0.57 0.26	30.20 29.15 29.03
Nokia DTS-64 1.Year	Nokia 9200 64mb Memory Card. Stamp size memory card provides additional storage for applications and data. Nokia retail package.	89.95 0.3 0.14	99.23 95.78 95.36
Nokia DLR-2L 1 Year	Nokia 9210 and 9290 Data Cable. Provides a serial connection from the mobile phone to a laptop or desktop computer. Cable terminates in standard 9 pin serial connection. Cable is for data/fax applications only.	44.95 0.57 0.26	27.69 26.72 26.61
Nokia DAU-9P	Data cable for e-mail, faxes, and short message service. Must be used with Data Suite software. Nokia 5190 and 6190 Only.	34.95 0.25 0.11	23.73 22.91 22.81
Nokia CMD-2	Concord infra red digital camera for 9210 and 9290. 9290	149.95 1.1 0.5	158.18 152.68 152.02

nic Data Cables

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2006

Manufacturer Mfg. P/N Warranty	Description Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Panasonic OEB-RS210 1 Year	Data cable ProMax and DuraMax	73.30 0.1 0.05	47.04 43.68 40.32

Kyocera USB Cables

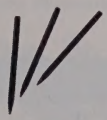
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 433383 1 EACH	Qualcomm/Kyocera TXDTA10011 1 year	True USB data cable for 7135. Kyocera 7135	28.80 0.22 0.1	21.14 20.91 20.45
NEW 433309 1 EACH	Qualcomm/Kyocera TXDTA10019 1 Year	Data Cable 5135	46.75 0.35 0.16	33.55 33.38 33.38

Data Connectivity Kit

The Connectivity Toolkit helps you manage your phone numbers (contacts) from your desktop. Use the Connectivity Toolkit to change the information in a contact including names, phone numbers, email addresses, and Internet addresses. When your changes are ready, sync them with your phone using the included data cable. The Connectivity Toolkit also has a Phone Monitor application that allows you to see your phone's display on your computer and control phone functions using the keyboard. The Connectivity Toolkit runs in, Windows 95 (OSR2 and higher), Windows 98, Windows NT and Windows 2000.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 455368 1 EACH	Qualcomm/Kyocera TXDTA10035 1 Year	Data Connectivity Tool Kit includes serial cable and software CD. Kyocera	50.00 0.5 0.23	35.90 35.50 34.70
473084 1 EACH	Qualcomm/Kyocera TXDTA10020 1 Year	Data Connectivity Tool Kit QCP 2/21/3000 Series	50.00 0.5 0.23	35.90 35.50 34.70
NEW 482361 1 EACH	Qualcomm/Kyocera TXDTA10036 1 Year	Data Connectivity Tool Kit includes USB cable and software CD. Kyocera	50.00 0.5 0.23	40.00 40.00 40.00

Kyocera Replacement Styli



Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 458389 1 EACH	Qualcomm/Kyocera TXHDW10007 1 year	Stylus for 7135 phone. Kyocera 7135	3.00 0.1 0.05	2.16 2.13 2.09

Kyocera Data Cables

419170 467186

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 419170 1 EACH	Qualcomm/Kyocera TXDTA074	Handsfree Kit Data Cable 2135, 2235, 2255	40.00 0.35 0.16	28.72 28.40 27.76
NEW 446346 1 EACH	Qualcomm/Kyocera TXDTA10018 1 Year	Data cable with molex 2.5 mm connector. Kyocera	30.00 0.2 0.09	22.00 21.76 21.28
NEW 467186 1 EACH	Qualcomm/Kyocera TXDTA038	Null Modem Adapter 2135, 2235, 2255	6.00 0.25 0.11	4.31 4.26 4.17

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Samsung Data Cables

434131

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
421010 1 EACH	Samsung DC020ABK/XAR 1 Year	Serial data cable SCH3500, 8500, 6100, SPH-M100, SPH-N200, SCH-T300, SCH-N150, SPH-A400	37.65 0.3 0.14	22.06 21.31 21.16
434131 1 EACH	Samsung PCB035SBEB/XAR 1 Year	Data cable SPH-I300	60.20 0.3 0.14	35.01 33.81 33.57

Samsung Data Kits

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 461381 1 EACH	Samsung PKT139TBEC/STD 1 Year	Data kit. Includes software, cable and instruction manual. Bulk packaged. SCH-V205	80.30 0.3 0.14	46.08 44.48 44.16
NEW 464361 1 EACH	Samsung PKT109LBEC/STD 1 Year	Data kit. Includes software, cable and instruction manual. Bulk packaged. SCH-S105	80.30 0.3 0.14	46.08 44.48 44.16

Siemens Data Cables

469388

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 469388 1 EACH	Siemens ICM, LLC L36880-N5401-A108 1 Year	Serial data cable. Allows for connection between phone and PC enabling data synchronization and transfer. Bulk packaged. M46	29.00 0.15 0.07	21.99 21.32 20.71

Cellular Modems [260-14]

3Com Cellular Modem Card

26696 56487

PCMCIA modem cables.

- Windows 95/98, NT, ME, 2000 Compatible
- Apple Powerbook system 7.5.5 or higher Compatible
- Requires 16 bit PCMCIA slot/32bit card bus

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description For Phone	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
26696 1 EACH	US Robotics CABLEMOT4 None	Cable only. Motorola StarTAC 6000, 6500, 8000, 8500	59.95 0.2 0.09	56.96 56.06 55.16
56487 1 EACH	US Robotics 3CNOKA5 None	Cable only. Does not require an adapter. Nokia 282 Only	89.65 0.2 0.09	86.63 82.67 80.69

Digital Organizers [260-30]

Ericsson Chatboard

453012

The Chatboard is a 49 key, snap-on keyboard that allows y send e-mail, access SMS and the WWW, send attachments access your phonebook. Your documents and attachments stored in your personal homepage on the Chatboard Com Website, www.Ericsson.com/Chatboard. Just press the SM mail button on the keyboard and start typing. The Chatboa with Ericsson T18z phone and the 1 888 World phone. The board weighs less than 2 ounces. Retail Packaged.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
453012 1 EACH	Sony Ericsson Mobile Comm. 1/NTK10246 1 Year	Send an important message to anyone in an instant using the Chatboard, an attachable keyboard for your mobile phone. Snap on the pocket sized accessory to the base of your phone, and you're ready to begin.	11.00 0.2 0.09

Motorola Portable Keyboards

483109

Motorola portable keyboards provide a convenient soluti typing text and commands quickly and easily into a phone

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW 483109 1 EACH	Motorola Inc. NTN9712 1 Year	Portable keyboard with neoprene case and manual. Connects to bottom of phone and allows easy text entry.	181.70 1.5 0.68

Headsets [262-10]

If you are buying these, you might need:

Mounting Plates, Cradles, Holders ..... page
Mounting Plates, Cradles, Holders ..... page

Your headset is not complete with a securely mounted phone. Look to mount specialists, Pro.Fit Internatio

See Vehicle Specific Phone Mounts, page 1373

Audiovox Ear Mic/Handsfree

457029

Audiovox "Bud" type hands-free earphone microphone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Phone Model Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW 488143 1 EACH	Audiovox HS911B 1 Year	All Audiovox phones with a 2.5mm headset input. Universal ear boom headset. Retail packaged.	16.40 0.25 0.11
457029 1 EACH	Audiovox EM3500 90 Days	CDM-3300, CDM-130, CDM-130XL, CDM-8100, PCX-3500, CDM-8300. Earbud headset	15.70 1 0.45
493078 1 EACH	Audiovox EM425 90 Days	Audiovox MVX425/525 series, CDM3000, CDM4000, CDM4000XL, TDM2500, TDM2500XL, CDM120, 9000, CDM-9100, CDM-9150x, 9155-GPX, Mitsubishi T200. Bud type hands-free earphone microphone.	6.85 1 0.45

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ooth Headsets

3177 485180 466145 425368

435389

The Motorola Bluetooth headset provides a cordless connection to your mobile phone. Carry on handsfree conversation without the restriction of a cord.

Manufacturer Mfg. P/N Warranty	Phone Model Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Nokia HDW-2	Nokia Bluetooth headset. Up to 3 hours of talk time and 60 hours standby time. Works with ACP-12, LCH-9 and LCH-12 chargers and takes up to 1 hour and 15 minutes to charge. Units can work up to 30 feet away from phone. Meets Bluetooth 1.1 spec's.	119.00 0.3 0.14	84.85 81.90 81.54
Motorola Inc. 98405 12 Month Limited	Timeport 270c and any other Bluetooth 1.1 enabled devices Bluetooth wireless headset. Incorporates Bluetooth version 1.1. Includes user manual, quick start guide, carry case/holster, lanyard and travel charger. Requires Bluetooth Phone Module - sold separately (TESSCO sku 485180).	200.00 1 0.45	186.30 180.30 165.30
Motorola Inc. 99332/SYN8705 12 Month Limited	Timeport 270c Bluetooth phone module. Enables wireless communication between phone, Motorola Bluetooth wireless headset and many Bluetooth enabled PC's and PDA's. Incorporates Bluetooth version 1.1. Retail box.	187.50 0.25 0.11	116.94 113.19 103.82
Sony Ericsson Mobile Comm. DPY901280/01 1 Year	Any phone with built in Bluetooth (R520m, T39, T68) or with the Bluetooth Phone Adapter DBA-10 attached to a T28, A2218z, R300z, R300d, or T60. Bluetooth Handsfree	222.00 1.3 0.59	144.80 143.72 142.85
Sony Ericsson Mobile Comm. DPY901272/02 1 Year	HBH-30, Wireless handsfree product with built-in Bluetooth technology that combines powerful performance with a streamlined appearance. Talk time is up to 4 hours. Standby time is up to 100 hours. Requires Bluetooth Adapter DBA-10 for the following phones: T20, T28, T28 World, T29, T60, T61, T62, T65, T200, R320, R310, A2228z, A2628.	181.00 0.7 0.32	118.41 117.53 116.82
Jabra Corporation 100-91000000-02 1 Year	All Bluetooth enabled phones Freespeak Headset	99.95 0.35 0.16	79.06 69.07 64.07
Jabra Corporation 100-91030000-02 1 Year	All Non-Bluetooth enabled phones with a 2.5mm headset jack. Freespeak Bluetooth Headset with 2.5mm headset jack.	179.95 0.45 0.2	143.06 123.09 114.99
Jabra Corporation 100-91430000-02 1 Year	Nokia 3200/5100/6100/7100/8200 Series Freespeak Headset	179.95 0.45 0.2	143.06 123.09 114.99

ox Over-the-Ear Headset

6

Lightweight over-the-ear headset is held in place comfortably with a support triangle that slips over the ear. Boom microphone rotates to accomodate right or left ear. Weighs less than 2 oz. 2.5 mm plug connects directly into the headset port of the cellular phone.*

Manufacturer Mfg. P/N Warranty	Phone Model Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
ClearVox Communications C-300 1 Year	All phones with a 2.5mm headset input. Over the Ear Headset Headset. Mic is not noise canceling. Retail packaged.	20.70 0.15 0.07	13.75 10.78 10.34

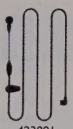
Clearvox Headset Adapter*

85664 89919

Clearvox headset adapter plugs into the bottom of the phone. The headset then plugs into the adapter. Use with any Clearvox headset.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Phone Model Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
85664 1 EACH	ClearVox Communications CS-E7 1 Year	Ericsson 600/700 Headset adapter	36.70 0.05 0.02	24.38 19.11 18.33
89919 1 EACH	ClearVox Communications CS-N61 1 Year	Nokia 5100/6100/7100 series Headset adapter	25.55 0.2 0.09	16.97 13.31 12.77

Ericsson Portable Handsfree Kits



423091

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Phone Model Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **86541** 1 EACH	Sony Ericsson Mobile Comm. RLF50106/55	Ericsson 600/700 For handsfree communication anywhere, anytime. Includes earphone and microphone.	14.00 0.4 0.18	9.86 9.79 9.73
423091 1 EACH	Sony Ericsson Mobile Comm. DPY1012297 1 Year	Ericsson T28 WORLD, A2218z, T28z. Keeps you talking anywhere, anytime. Stay connected safely with Ericsson's Portable Handsfree. Whether you're driving, walking or shopping, you're free to concentrate on what really matters. Answer button keeps you in control. Shirt clip includes a holder for earpiece when not in use.	23.00 0.2 0.09	9.75 9.68 9.63

Ericsson Bluetooth Headsets

First truly wireless headset with in-the-ear design. Supports voice activated dialing, answering and memo. Activate or take calls whether your phone is in another room or at your side. Range is 30 feet. Three hours talk time and 60 hours standby time. Two hours to charge. Charging cradle not included.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Phone Model Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
438085 1 EACH	Sony Ericsson Mobile Comm. DPY901110/01 1 Year	Ericsson T28 World, T28z, A2228z. Bluetooth Adapter. Adds Bluetooth to your Ericsson mobile phone. Can also be used for data functionality with a Bluetooth PC card and laptop. The adapter snaps onto the base of your phone easily and is small enough to fit in your pocket. It also has a charging port built-in, so you don't have to remove the adapter to charge your phone. The adapter is required for the following phone models: T28, T60, T61, A2218z.	125.00 0.44 0.2	81.65 81.04 80.55

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Your headset is not complete without a securely mounted phone. Look to the mount specialists, Pro.Fit International.

See Vehicle Specific Phone Mounts, page 1373

Jabra In-the-Ear Headset

The JABRA Corporation's headset features an innovative all-in-the-ear speaker and microphone. Built-in noise reduction technology for clear transmissions. Totally portable and digital-ready. Four-foot cable, six EarGels and standard 2.5 mm plug for direct connection to mobile phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Phone Model Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
35018 1 EACH	Jabra Corporation ESNOK51/61/71302 1 year	Nokia 5100/6100 series Earset	29.95 1 0.45	17.08 14.98 14.68
59796 1 EACH	Jabra Corporation ESNOK8860302 1 year	Nokia 3300, 8200, 8800. EarSet with built-in microphone and eargel ear piece.	30.95 0.4 0.18	17.62 15.46 15.15
65303 1 EACH	Jabra Corporation ES2.5MM302 1 year	All Phones with a 2.5 mm headset input Earset with six comfort ear-gels. Fits any phone with a 2.5mm jack.	31.35 0.15 0.07	17.86 15.67 15.36

Jabra Eargels

Jabra Replacement Eargels for any Jabra in-the-ear headset.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Phone Model Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
73521 1 EACH	Jabra Corporation JEG7005-0 Lifetime	Jabra colored replacement Ear Gels for any Jabra Headset. Six Eargels, three for the right ear and three for the left ear. Colors are red, green and yellow.	7.00 0.15 0.07	4.12 4.12 4.12

Jabra EarBoom Headset

"Fits-your-face," flexible mini-boom is comfortable and non-intrusive. For those who need to talk and listen "on the move." The custom-fit EarGel channels sound into your ear for great reception.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Phone Model Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
413032 1 EACH	Jabra Corporation EM2.5MM302 1 year	All Phones with a 2.5 mm headset input EarBoom with Universal 2.5mm Connector	24.95 0.3 0.14	14.23 12.48 12.23
429096 1 EACH	Jabra Corporation EMNOK51/61/ 710300 1 year	Nokia 5100, 6100, 7100 Series EarBoom Headset With In-Line On/Off Button.	24.95 0.3 0.14	14.23 12.48 12.23
NEW 472382 1 EACH	Jabra Corporation EMNEXTELI50302 1 Year	Motorola i30, i50, i55, i60, i80, i90, i95 Push-to-talk Earboom	31.35 0.3 0.14	17.86 15.67 15.36
460032 1 EACH	Jabra Corporation EMNOK8860302 1 Year	Nokia 8260/8290/8860/8890 series. EarBoom Headset. With In-Line On/Off Button.	24.95 0.3 0.14	14.23 12.48 12.23

Jabra EarBud Headset

467078

The JABRA EarBud is the most cost-effective, JABRA solution for mobile pl users wanting a hands-free alternative at a value price. The JABRA EarBud u patented EarGel for a secure fit and contemporary styling. Unlike the EarSe Ear Boom solutions, the EarBud integrates the microphone as part of the c leading from the ear to the phone. Its improved circuitry eliminates the buz found in lower quality solutions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Phone Model Description	List ($) Wt. (lbs) Wgt. (kg.)
481060 1 EACH	Jabra Corporation EB2.5MM302 1 Year	All Phones with a 2.5 mm headset input 2.5mm EarBud with three EarGels	19.95 0.25 0.11
467078 1 EACH	Jabra Corporation EBNOK51/61/ 710302 1 Year	Nokia 5100, 6100, 7100 Series EarBud Headset	13.25 0.15 0.07
415073 1 EACH	Jabra Corporation EBNOK8860302 1 Year	Nokia 8260/8290/8860/8890 series. EarBud Headset	19.95 0.4 0.18

Jabra EarWrap Headset

411070

The JABRA EarWrap: noise-canceling mic, sleek, lightweight design ful accessories. Choose from snap-on boom covers and flex-formi wraps in sleek tones of silver, blue and yellow.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Phone Model Description	List ($) Wt. (lbs) Wgt. (kg.)
411070 1 EACH	Jabra Corporation EW2.5MM402 1 Year	All Phones with a 2.5 mm headset input EarWrap with 2.5mm Universal connector, 3 color face-plates and 3 conforming earhooks.	29.95 0.25 0.11
NEW 441326 1 EACH	Jabra Corporation EWNOK8860302 1 Year	Nokia 3300, 8200, 8300, 8800 EarWrap with answer/end button	29.95 0.25 0.11
NEW 493336 1 EACH	Jabra Corporation EWNOK51/61/ 710302 1 Year	Nokia 5100, 6100, 6300, 7100 EarWrap	29.95 0.25 0.11
NEW 492364 1 EACH	Jabra Corporation EWNEXTELI50302 1 Year	Motorola i30, i50, i55, i60, i80, i85, i90, i95 Push-to-Talk Earwrap	38.50 0.4 0.18

Jabra Earboom Winder

The EarBoom Winder gives you a tangle-free solutio handsfree communication. Talk handsfree when you'r go, then retract the cord and stow the EarBoom at th of a button.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Phone Model Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW 453106 1 EACH	Jabra Corporation EMWINDER2.5MM 302 1 Year	Wireless Phones with a 2.5mm headset port. EarWinder 2.5mm Headset. Retail packaged.	34.90 0.35 0.16
NEW 458103 1 EACH	Jabra Corporation EMWINDERNOK8 8302 1 Year	Nokia 3300, 8200, 8800 EarWinder Headset. Retail packaged.	34.90 0.35 0.16
NEW 495157 1 EACH	Jabra Corporation EMWINDERNOK5 1302 1 Year	Nokia 3200, 5100, 6100, 7100 EarWinder Headset. Retail packaged.	34.90 0.35 0.16

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Push-to-Talk Headsets

JABRA EarBoom for the Motorola i500, i700, i1000 and i2000 phones. Includes PTT button and custom Eargels.

Manufacturer Mfg. P/N Warranty	Phone Model Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Jabra Corporation EMNEXTELI100030 2 1 year	Motorola i500, i700, i1000, i2000 EarBoom with PTT button	38.50 0.3 0.14	21.93 19.23 18.85

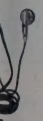
ra Headsets

4040

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Manufacturer Mfg. P/N Warranty	Phone Model Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Qualcomm/Kyocera TXCKT10018	7135 QUM Stereo headset.	12.60 0.22 0.1	9.51 9.41 9.21
Qualcomm/Kyocera TXCKT073 1 Year	2035, 3035, 6035, 2235, 2255 Synertek headset	7.80 0.25 0.11	6.06 6.00 5.88

M Headsets



3

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Manufacturer Mfg. P/N Warranty	Phone Model Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
LG Infocomm SGEY0000301 1 Year	LGP-2300W, SP110, DM110, V111, SP110, TP1100, DM510, TM510, TM220, TM520, DB520, TP5200, TM910. Walkman Style Headset	8.50 0.25 0.11	6.22 6.06 5.84

ishi Headsets

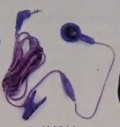
Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Manufacturer Mfg. P/N Warranty	Phone Model Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Mitsubishi HDS-P2 1 Year	Mitsubishi T200/T250, Audiovox TDM2500 Headset	20.20 0.25 0.11	17.32 16.06 15.66

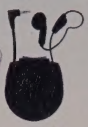
Motorola Hands-Free Headset

458101

458300



411019



423154

428368

- Motorola hands-free headsets allow private phone calls. Plug directly into the phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Phone Model Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **414339** 1 EACH	Motorola Inc. SYN9350 12 Month Limited	All Motorola headset compatible phones. Universal earbud headset with in-line microphone. Does not have an answer/end button. Retail box.	12.50 0.15 0.07	8.27 8.02 7.39
458101 1 EACH	Motorola Inc. 98328/SYN8908 12 Month Limited	All Motorola headset compatible phones Over-the-ear handsfree headset. Retail Box.	25.00 0.15 0.07	13.08 12.67 11.66
NEW **458300** 1 EACH	Motorola Inc. 98435/SYN9050 12 Month Limited	All Motorola headset compatible phones. Motorola retractable headset. Retail Box.	21.90 0.1 0.05	14.09 13.65 12.56
NEW **486111** 1 EACH	Motorola Inc. 98323/AAYN4264 12 Month Limited	All Motorola headset compatible phones. Earbud headset with in-line microphone. Does not have answer/end button. Silver. Retail box.	15.00 0.15 0.07	8.27 8.02 7.39
411019 1 EACH	Motorola Inc. AAYN4207 1 Year	All Motorola headset compatible phones. Earbud headset. Blue.	15.00 0.1 0.05	9.32 9.02 8.27
423154 1 EACH	Motorola Inc. 98196/SYN8284 12 Month Limited	All Motorola headset compatible phones. Motorola retractable in-ear headset. Retail Box.	20.00 0.1 0.05	14.09 13.65 12.56
NEW **457331** 1 EACH	Motorola Inc. SYN9351 12 Month Limited	V. Series 60c, V. Series 60g, V. Series 60t, V60i, V66, V70, V. Series 120c, 120t, v200, Timeport 270c, P280, C331, C332, 720 One touch headset with answer/end button and noise canceling microphone. Retail Box.	17.00 0.25 0.11	11.06 10.72 9.87
444108 1 EACH	Motorola Inc. 98310/SYN8609 12 Month Limited	V. Series 60c, V. Series 60g, V. Series 60t, V. Series 66, V60ic, V70, V. Series 120c, 120t, Timeport 270c, Timeport 280, C331t, T720 FM stereo radio headset powered by phone's battery. Change stations via phone's navigation key. Store and recall nine stations using phone's keypad. Radio mutes automatically for incoming calls; simply press the button on the headset and start talking. Retail Box.	50.00 0.25 0.11	40.64 39.35 36.12
NEW **428368** 1 EACH	Motorola Inc. 98381 12 Month Limited	V. Series 60c, V. Series 120c, Timeport 270c MP3 player headset. Connects directly to compatible phones. Music mutes when calls come in. Includes 32MD SD memory card, stereo headset with in-line microphone, USB cable, lanyard, headset adapter and Motorola MUSICMATCH (TM) Jukebox Plus software. Motorola retail package. Phone must contain software version 2100.01.2F.02 or later.	200.00 0.25 0.11	187.86 181.81 166.68

Motorola Audio Adapters

15228

Motorola Audio Adapter allows a variety of headsets to be plugged into the i1000, i1000 plus, i700 and i500 Iden wireless phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Phone Model Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
22200 1 EACH	Motorola Inc. FLN9108 1 Year	Motorola i1000 PTT Audio Adapter	44.00 0.3 0.14	27.32 26.44 24.24
15228 1 EACH	Motorola Inc. NTN8654 1 Year	Motorola i1000, i1000 plus, i700, i500 Headset Audio Adapter	36.85 0.25 0.11	22.86 22.13 20.29

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Phone Accessories

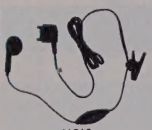
MTU Headset

89244

MTU "Bud" type hands-free earphone/ microphone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Phone Model Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
89244 1 EACH	AleEv (formerly MTU) 91058 LtdLife	Nokia 5100/6100 series MTU "Bud" type hands-free earphone/ microphone. Phone adapter is included.	19.95 0.1 0.05	8.01 7.44 6.95

NOKIA Hands Free Headsets

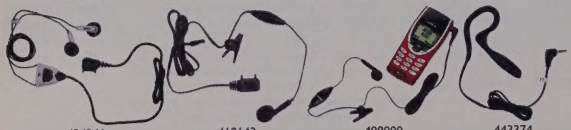


61519

Nokia handsfree headset kit. Allows handsfree operation of phone. Includes "bud" type earpiece and an active button that can answer or end a call without opening the phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Phone Model Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
61519 1 EACH	Nokia HDC-9P 3 year	Nokia 5100, 6100, 7100 Series. Taylored to the 5190/ 6190 Hands free headset kit. Bulk packaged.	21.95 0.17 0.08	8.41 8.14 8.11

Nokia Headset Kit



434346 419143 498000 443374

Nokia headset kit. Includes a intergrated earpiece and microphone for handsfree conversations and a cord mounted answer/end button for convenience. Special 2.5mm jack that only works with the Nokia 8860.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Phone Model Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 430359 1 EACH	Nokia HDD-1 Length of Ownership	Nokia 88/83/8200 Dual Headset	34.95 0.35 0.16	14.53 14.04 13.98
NEW 434346 1 EACH	Nokia HDS-3	7210 NOKIA HDS-3 stereo headset with mic and answer/ end button.	20.00 0.25 0.11	15.30 14.90 14.40
NEW 419143 1 EACH	Nokia HDC-8L Length of Ownership	Nokia 9200 Headset Kit	24.95 0.35 0.16	14.74 14.23 14.17
498000 1 EACH	Nokia HDC-5 3 Year	Nokia 8860/8890/8260/8290/3360/3390 Headset kit. Special 2.5mm jack that only works with these phones. Built-in answer/end key.	21.95 0.17 0.08	8.41 8.14 8.11
NEW 467141 1 EACH	Nokia HDE-1 3 Year	Nokia 3200,5200,6100,6300,7100 Headset Kit. No answer/end button	9.95 0.35 0.16	5.83 5.64 5.62
461199 1 EACH	Nokia HDE-2 3 Year	3360/3390/8860/8890/8260/8290 Ear bud headset kit. 2.5mm jack.	9.95 0.17 0.08	5.83 5.64 5.62
NEW 443374 1 EACH	Nokia HDB-5 3 Year	Nokia 8860/8890/8260/8290/3360/3390/8390 Headset kit. Special 2.5mm jack that only works with these phones. Built-in answer/end key.	24.95 0.17 0.08	9.85 9.53 9.49

For your mounting solution, look to mount specialists, Pro.Fit Internatio industry leaders for over 11 years.

NOKIA Hands Free Headsets

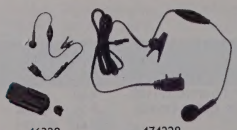
420363

Original accessories... "from the people that made your phone(TM OEMs design and manufacture accessories to match the specific r ments of their phones, satisfying the most demanding customer.Yo trust the high quality and performance of original accessories.

- Nokia handsfree headset kit. Allows handsfree operation of phone. Includes "bud" type earpiece that into the ear. Answer/End button is located in the microphone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Phone Model Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW 418335 1 EACH	Nokia HS-10	3570/ 3585 Nokia retractable headset for 3570/ 3585 phones.	20.25 0.26 0.12
NEW 419322 1 EACH	Nokia HS-5	3570/ 3585 Nokia headset with answer/ end button.	11.00 0.25 0.11
NEW 420363 1 EACH	Nokia HDB-4 1 Year	Nokia 3570, 3585 NOKIA HDB-4, Boom Headset.	13.00 0.25 0.11
NEW 424355 1 EACH	Nokia BHF-2 1 Year	1220 and 1260 Nokia NOKIA BHF-2 headrest handsfreekit.	89.95 0.3 0.14
NEW 425341 1 EACH	Nokia HDC-10 yr	33/35/82/83/88 Retractable headset for the 33/35/82/83/88.	29.95 0.2 0.09
NEW 471351 1 EACH	Nokia BHF-1 1 Year	3570 and 3585 Nokia NOKIA BHF-1 headrest handsfreekit.	89.95 0.3 0.14

NOKIA Headset with Belt Clip



46328 474228

Nokia handsfree headset with a belt clip. Include type earpiece that plugs into the ear and allows h operation. Answer/end button is located in the n phone. Belt clip holds the phone on your belt/ w

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Phone Model Description	List ($) Wt. (lbs) Wgt. (kg.)
46328 1 EACH	Nokia HDC-9K 3 year	Nokia 5100/6100 series Handsfree headset kit with belt clip for Nokia 5100/ 6100 series.	27.95 0.2 0.09
NEW 474228 1 EACH	Nokia HDC-8L 3 year limited warr.	Nokia 9210 and 9290 Handsfree "bud" headset kit with answer/ end button and clothing clip for 9210 and 9290.	24.95 0.2 0.09

Inductive Loop for Hearing Aids

70381

Nokia inductive loop for hearing impaired users. Easy to use device for interaction between T-coil equipped hearing aid and a portable NOKIA Consists of a wire loop that goes around the user's neck and connects to tom of the phone. Loopset transmits speech from the phone to the aid.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Phone Model Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW 437360 1 EACH	Nokia LPS-4 1 Year	Inductive loop for use with Nokia 3585/ 7210 phones. nductive loop for use between a T-coil equipped hearing aid and the phone.	64.95 0.22 0.1

NEW = New Listing. Pricing for refer See TESSCO.com for latest pricing an Copyright 2003 all rights reserved.

Hands Free, Carkits, and Headsets

product table (2 of 2)

Manufacturer Mfg. P/N Warranty	Phone Model Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Nokia HDA-9 1 Year	Nokia 3590 TTY/TDD Headset Adapter.. Comply with TSB121 industry standard. "Cellular Ready" TTY devices need the HDA-8 cable connection to work successfully with Nokia products.TTY capable Nokia phones are capable ofVCO (voice carry over) transmission. However this must be done on a VCO capable TTY. Mor information location in TFAX.	14.95 0.22 0.1	8.27 7.99 7.95
Nokia LPS-1 1 Year	Nokia 5100/ 6100/7100/8200 series Inductive loop for Hearing Aids.	69.95 0.5 0.23	48.90 47.20 46.99
Nokia HDA-8 1 Year	Nokia 6360 TTY/TDD Phone Adapter.. Comply with TSB121 industry standard. "Cellular Ready" TTY devices need the HDA-8 cable connection to work successfully with Nokia products.TTY capable Nokia phones are capable ofVCO (voice carry over) transmission. However this must be done on a VCO capable TTY. Mor information location in TFAX.	6.00 0.22 0.1	3.60 3.47 3.46
Nokia LPS-3 1 Year	Inductive loop for use with Nokia 8800 series phones. For use between a T-coil equipped hearing aid and the phone.	69.95 0.22 0.1	48.90 47.20 46.99

onics Over-The-Head Headsets

All Plantronics over-the-head wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Manufacturer Mfg. P/N Warranty	Phone Model Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Plantronics M110 1 Year	For all phones with a 2.5mm headset input. Flexible headband on this over-the-head headset provides stability and comfort.	24.20 0.4 0.18	16.06 12.59 12.08
Plantronics M114 1 Year	For all phones with a 2.5mm headset input. Flexible headband on this over-the-head style headset provides stability and comfort. Includes in-line volume control.	26.80 0.4 0.18	17.80 13.95 13.39

onics Over-The-Ear Headsets

32055 475183 497082

onics over-the-ear wireless phone headsets feature a noise-cancelling microphone, RF elded cable, advanced speaker technology, microphone-adjust switch and a clothing able in a standard 2.5mm plug or hard-wired for specific Nokia phones.

roduct table (1 of 2)

Manufacturer Mfg. P/N Warranty	Phone Model Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Plantronics M120 1 Year	For all phones with a 2.5mm headset input. Lightweight comfort in an over-the-ear style headset.	24.20 0.25 0.11	16.06 12.59 12.08
Plantronics M123-N2 1 Year	For Nokia 3200/5100/6100/7100 Series phones only. Lightweight comfort in an over-the-ear headset. Includes in-line call answer/end control.	29.50 0.35 0.16	19.59 15.36 14.73
Plantronics M124 1 Year	For all phones with a 2.5mm headset input. Lightweight comfort in an over-the-ear style headset. Includes in-line volume control.	26.80 0.24 0.11	17.80 13.95 13.39
Plantronics M130 1 Year	For all phones with a 2.5mm headset input. Superior comfort and sleek design in this over-the-ear headset. Metallic-blue, blurple color.	29.50 0.22 0.1	19.59 15.36 14.73
Plantronics M133-N1 1 Year	For Nokia 3300/8000 Series phones only. Superior comfort and sleek design in this over-the-ear headset. Metallic blue, blurple color. Includes in-line call answer/end control.	35.10 0.4 0.18	23.34 18.30 17.55
Plantronics M133-N2 1 Year	For Nokia 3200/5100/6100/7100 Series phones only. Superior comfort and sleek design in this over-the-ear headset. Metallic blue, purple color. Includes in-line call answer/end control.	35.10 0.4 0.18	23.34 18.30 17.55
Plantronics M135/BLUE 1 Year	For all phones with a 2.5mm headset input. Superior comfort and sleek design in this over-the-ear headset. Metallic blue, blurple color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Phone Model Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
497082 1 EACH	Plantronics M135/ESPRESSO 1 Year	For all phones with a 2.5mm headset input. Superior comfort and sleek design in this over-the-ear headset. Espresso color. Includes in-line volume and mute controls.	35.10 0.25 0.11	23.34 18.30 17.55

Plantronics In-The-Ear Headsets

37000 490113 37004

All Plantronics in-the-ear boom-style wireless phone headsets feature a noise-cancelling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Phone Model Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37000 1 EACH	Plantronics M140/CHARCOAL 1 Year	For all phones with a 2.5mm headset input. Ultra-light comfort with this in-the-ear style headset. Charcoal color.	36.60 0.25 0.11	24.31 19.06 18.28
NEW **467122** 1 EACH	Plantronics M140/SILVER 1 Year	For all phones with a 2.5mm headset input. Ultra-light comfort with this in-the-ear style headset. Silver color.	36.60 0.25 0.11	24.31 19.06 18.28
NEW **490113** 1 EACH	Plantronics M143-N1 1 Year	For Nokia 3300/8000 Series phones only. Ultra-light comfort with this in-the-ear style headset. Includes in-line call answer/end control.	42.45 0.4 0.18	28.22 22.12 21.22
NEW **462144** 1 EACH	Plantronics M143-N2 1 Year	For Nokia 3200,5100,6100,7100 Series phones only. Ultra-light comfort with this in-the-ear style headset. Includes in-line call answer/end control.	40.75 0.35 0.16	27.09 21.24 20.37
37004 1 EACH	Plantronics M145 1 Year	For all phones with a 2.5mm headset input. Ultra-light comfort with this in-the-ear style headset. Includes in-line volume and mute controls.	42.45 0.25 0.11	28.22 22.12 21.22

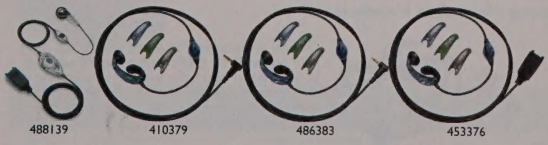
Plantronics Headset Adapter

75407 23800

Plantronics headset adapter plugs into the bottom of the phone. The headset then plugs into the adapter. Use with any Plantronics headset. Can be used with many headsets that have a 2.5mm plug,

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Phone Model Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
75407 1 EACH	Plantronics WTA-NK610 1 year	Nokia 5100/6100 series Headset adapter	12.55 0.25 0.11	8.34 6.54 6.27
23800 1 EACH	Plantronics WTA-ER700 1 year	Ericsson 600/700 Headset adapter	12.55 1 0.45	8.34 6.54 6.27

Plantronics Discreet Earbud Headsets



488139 410379 486383 453376

All Plantronics earbud headsets for wireless phones feature Flexfit(TM) design for increased stability, RF noise shielded cable, advanced speaker technology, and a clothing clip. Available in a standard 2.5mm plug or hardwired for specific Nokia phones.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Phone Model Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
488139 1 EACH	Plantronics M206-N2 1 Year	For Nokia 5100/6100/7100/3200 Series phones only. Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and call answer/end controls.	32.00 0.22 0.1	21.25 16.66 15.98
NEW **410379** 1 EACH	Plantronics MX100 1 Year	For all phones with a 2.5mm headset input. Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19.59 15.36 14.73
NEW **486383** 1 EACH	Plantronics MX103-N1 1 Year	For Nokia 3300, 6500, 8200, 8300, 8800 series phones Discrete style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19.59 15.36 14.73

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Phone Model Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 453376 1 EACH	Plantronics MX103-N2 1 Year	For Nokia 5100, 6100, 7100 series and 3285 phones Discreet style and flex grip design in this in-the-ear style headset.	29.50 0.2 0.09	19.59 15.36 14.73
437114 1 EACH	Plantronics M205 1 Year	For all phones with a 2.5mm headset input. Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and mute controls.	29.50 0.2 0.09	19.59 15.36 14.73
450124 1 EACH	Plantronics M206-N1 1 Year	For Nokia 3300/8000 Series phones only. Ultimate discreetness with this earbud designed for portability and compactness. Includes in-line volume and call answer/end controls.	32.00 0.6 0.27	21.25 16.66 15.98

Plantronics Convertible Headsets

37030

All Plantronics convertible style wireless phone headsets feature a noise-canceling microphone, RF noise shielded cable, advanced speaker technology, microphone-adjust switch and a clothing clip. The 2.5mm plug connects directly into the headset port of the cellular phone.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Phone Model Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37022 1 EACH	Plantronics M170 1 Year	For all phones with a 2.5mm headset input. Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear.	47.00 0.4 0.18	31.25 24.50 23.50
37030 1 EACH	Plantronics M175 1 Year	For all phones with a 2.5mm headset input. Maximum versatility. This convertible headset allows you to wear it over-the-head or over-the-ear. Includes in-line volume and mute controls.	52.90 0.49 0.22	35.16 27.57 26.44

Plantronics Cordless Headsets

418347

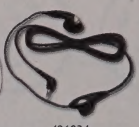
467353

Cut the Cord(TM) with Bluetooth(TM) wireless headsets from Plantronics. All Plantronics over-the-ear cordless headsets feature an adjustable noice cancelling microphone, volume/mute control and answer/end button. High-capacity rechargeable batteries provide up to 2.5 hours of talk time and 60 hours of standby.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Phone Model Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 418347 1 EACH	Plantronics M1000 BLUE-TOOTH 1 Year	For all Bluetooth compatible phones. Bluetooth headset. Over-the-ear style with answer/end button and volume/mute control. Includes AC adapter and rechargeable battery. Bluetooth version 1.1.	147.55 0.25 0.11	98.09 76.90 73.76
NEW 467353 1 EACH	Plantronics M1500 BLUE-TOOTH 1 Year	For all phones with a 2.5mm headset input. Bluetooth headset. Over-the-ear style with answer/end button and volume/mute control. Includes Bluetooth adapter, AC adapter and rechargeable battery. Bluetooth version 1.1.	250.70 0.25 0.11	166.67 130.67 125.34

Samsung Handsfree Headsets

453337

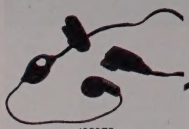


426034

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Phone Model Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 418320 1 EACH	Samsung AEP069SSEC/STD 1 Year	SGH-N625 Handsfree headset with in-line microphone and answer/end button. Retail packaged.	21.70 0.2 0.09	8.38 8.11 8.05
NEW 453337 1 EACH	Samsung AEP109SLEB/STD 1 Year	SGH-S105, SGH-V205 Handsfree headset with in-line microphone and answer/end button. Retail packaged.	27.60 0.2 0.09	10.54 10.19 10.12
426034 1 EACH	Samsung EMP55B/XAR 1 Year	SCH3500, 8500, 6100, T300, N150, SPH-N200, N240, I300, N300, N400, A400, A460, A500 Earbud headset with in-line microphone and answer/end button. Retail packaged.	16.40 0.2 0.09	6.44 6.23 6.19
490020 1 EACH	Samsung EP010GBK/XAR 1 Year	SGH-N105, SGH-R225 Earbud headset with in-line microphone and answer/end button. Retail packaged.	21.70 0.2 0.09	8.38 8.11 8.05

Siemens Headsets



495375

430350

Original accessories... "fro people that made your phone(TM)." OEMs design manufacture accessories to match the specific require of their phones, satisfying t most demanding customer can trust the high quality a formance of original acces

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Phone Model Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW 495375 1 EACH	Siemens ICM, LLC L36880-N5401-A109 1 Year	M46 Earbud headset with push-to-talk button. Bulk packaged.	23.35 0.1 0.05
NEW 430350 1 EACH	Siemens ICM, LLC L36880-N5401-A112 1 Year	M46 MP3 player USB headset. Stereo headset with push-to-talk for incoming calls. 50 minutes of music capacity for standard quality or 30 minutes for CD quality. Over 4 hours of play time. Includes 32 MB multimedia card. Retail box.	142.00 0.25 0.11
NEW 426386 1 EACH	Siemens ICM, LLC L36880-N5401-A111 1 Year	M46 Car charger/headset adapter. Allows for simultaneous use of car charger and headset while traveling in a vehicle. Bulk packaged.	16.65 0.1 0.05

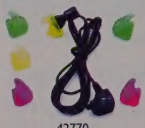
SpeakEasy Over-the-Ear Headset

66086

Superior Communications SpeakEasy Headset offers a quality, affordabl handsfree solution. Fits over either ear. Speaker rests comfortably outs Boom microphone swivels into position. Lightweight and easy to wear.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Phone Model Description	List ($) Wt. (lbs) Wgt. (kg.)
66086 1 EACH	Superior Comm. 18687 3 year	All Phones with a 2.5 mm headset input SpeakEasy Over-the-Ear Headset with a 2.5 mm headset input	10.05 0.1 0.05
69408 1 EACH	Superior Comm. 20850 3 Years	Qualcomm ACP-1920/2700 Speakeasy Adapter.	34.65 0.05 0.02
92182 1 EACH	Superior Comm. 31752 3 years	Ericsson 600/700 SpeakEasy Over-the-Ear Headset. Phone adapter is included.	18.05 0.1 0.05
19014 1 EACH	Superior Comm. 02052 3 years	Motorola MicroTAC SpeakEasy Over the Ear headset. Phone adapter is included.	26.25 1 0.45
68807 1 EACH	Superior Comm. 20852 3 years	Qualcomm 2700 series. SpeakEasy Over-the-Ear Headset. Phone adapter is included.	44.70 0.15 0.07
95800 1 EACH	Superior Comm. 22852 3 years	Nokia 5100/6100 series SpeakEasy Over-the-Ear Headset. Phone adapter is included.	18.05 0.15 0.07

Wireless Solutions In The Ear Headset



42770

The Wireless Solutions headset features an innovative all-in-the-e peaker and microphone. Built-in noise reduction technology for transmissions. Totally portable and digital-ready. Includes four foo and six EarGels.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Phone Model Description	List ($) Wt. (lbs) Wgt. (kg.)
85828 1 EACH	Wireless Solutions 85817U 3 Year	i500, 700, 1000 Wireless Solutions - All -in- ear headset plugs directly into included adapter then into phone. Mic built into ear gel ear piece.	47.30 0.2 0.09
98103 1 EACH	Wireless Solutions 98103 30 Days	Replacement Ear-Gels, pink, yellow, green (Right and Left, Small, Med,Large).	3.35 0.05 0.02
42770 1 EACH	Wireless Solutions 42770 Lifetime	Ericsson 600/700 Handsfree headset. Phone adapter is included.	27.05 0.18 0.08
94174 1 EACH	Wireless Solutions 94174 Lifetime	Nokia 5100/6100 series Handsfree headset. Phone adapter is included.	30.00 0.15 0.07

TESSCO TECHNOLOGIES

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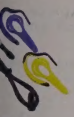
ess Solutions 2.5mm Earwrap



0165

The Wireless Solutions EarWrap: noise-canceling mic, sleek, lightweight design, colorful accessories. Choose from snap-on boom covers and flex-forming ear wraps in sleek tones of silver, blue and yellow.

Manufacturer Mfg. P/N Warranty	Phone Model Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Wireless Solutions 466053U Lifetime	Any phone with a 2.5mm jack. Earwrap with colored faceplates and 2.5mm connector.	27.50 0.4 0.18	16.17 14.25 13.97

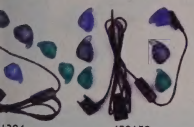
ess Solutions EarBoom Headset

50

Wireless Solutions In The Ear headset features a boom mic. Comfortable. Provide good mic sound as well as in the ear speaker.

Manufacturer Mfg. P/N Warranty	Phone Model Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Wireless Solutions 497057U Lifetime	Nokia 8260/8290/8860/8890/3300 series. Earboom Headset	31.00 0.4 0.18	13.31 11.32 9.31
Wireless Solutions 484028U Lifetime	All Phones with a 2.5mm connector Earboom Headset with 2.5mm jack. Includes six eargels.	31.00 0.3 0.14	13.31 11.32 9.31
Wireless Solutions 458047U Lifetime	Nokia 3200, 5100, 6100, 7100 Earboom Headset	31.00 0.4 0.18	24.81 18.61 9.31

ss Solutions EarBud Headset



1384 459159

The Wireless Soluitons EarBud is the most cost-effective, solution for mobile phone users wanting a hands-free alternative at a value price. The EarBud integrates the microphone as part of the cable leading from the ear to the phone. Its improved circuitry eliminates the buzz often found in lower quality solutions.

Manufacturer Mfg. P/N Warranty	Phone Model Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Wireless Solutions 426080U Lifetime	Nokia 8260/8290/8860/8890/3300 series. Earbud Headset. Includes six eargels.	27.00 0.4 0.18	12.09 10.09 8.09
Wireless Solutions 416344U Lifetime	All Phones with the Samsung 2.5 mm headset jack. Earbud Headset with the Samsung 2.5mm jack. Includes six eargels.	27.00 0.3 0.14	12.09 10.09 8.09
Wireless Solutions 438045U Lifetime	All Phones with a 2.5 mm headset input Earbud Headset with 2.5mm jack. Includes six eargels.	27.00 0.3 0.14	12.09 10.09 8.09
Wireless Solutions 441090U Lifetime	T28, R300 Series Earbud Headset	27.00 0.3 0.14	12.09 10.09 8.09
Wireless Solutions 440061U Lifetime	Nokia 3285, 5100, 6100, 7100 Series Earbud Headset	27.00 0.4 0.18	12.09 10.09 8.09

ss Solutions Bud Headset

41

roduct table (1 of 2)

Manufacturer Mfg. P/N Warranty	Phone Model Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Wireless Solutions 431151U 1 Year	Any phone with a 2.5mm headset port. Bud Headset	7.75 0.35 0.16	5.27 4.22 3.60

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Phone Model Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 458165 1 EACH	Wireless Solutions 440193U 1 Year	Nokia 3300, 8200, 8800 series. Bud Headset	7.75 0.35 0.16	5.27 4.22 3.60
NEW 446119 1 EACH	Wireless Solutions 428156U 1 Year	Nokia 3200, 5100, 6100, 6300, 7100 series. Bud Headset	7.75 0.35 0.16	5.27 4.22 3.60

Mobile Mounting/ Bagphone Equipment [262-18]

Motorola Hang Up Cups

44869 81930

Hangup cup to secure Motorola handsets with pushbutton release latch. No clamshell.

- Hangup cup to secure Motorola handsets. Clamshell allows easy adjustment of the cup position.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
44869 1 EACH	Motorola Inc. SLN8840 1 yr	Hangup cup. Motorola Handsets	43.15 1 0.45	26.79 25.93 23.77
81930 1 EACH	Motorola Inc. SLN9583 1 yr	Hangup cup to secure Motorola handsets. No Clamshell Series IV	16.90 0.2 0.09	10.49 10.15 9.31

Motorola Data Control Cable

72645

Data cable extends from handset to transceiver for Series III/IV tranceivers.

- Data cable extends from handset to transceiver for Series III/IV tranceivers.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
72645 1 EACH	Motorola Inc. SKN4467A	16.5' data control cable Motorola Series III/IV	18.50 0.5 0.23	11.47 11.10 10.18

Motorola Control Unit Cords

75429

Coiled Cord for Low Profile Series SCN2370, SCN2373, SCN2395, SCN2395, SCN2396, SCN2397, SCN2398, SCN2552, SCN2462, SCN2449.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
75429 1 EACH	Motorola Inc. 3083577P16 30 days	Control unit coiled cords. Motorola SC2300, SC2400 Series	14.25 0.75 0.34	8.84 8.55 7.84

Motorola Fuse Kit (Power Cable)

77584

Fuse kit (power cable) for Series III and IV transceivers. Includes all wiring, crimps and fuses necessary to wire control/power cable to the vehicle.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
77584 1 EACH	Motorola Inc. SKN4468	Fuse kit Motorola Series III/IV	10.65 0.5 0.23	6.60 6.38 5.85

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Phone Accessories

NOKIA Mobile Holder

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 448343 1 EACH	Nokia MBS-15S	Nokia MBC-15s mobileholder with HHs-15 swivel mount.	39.95 0.2 0.09	22.65 21.87 21.77
NEW 449304 1 EACH	Nokia MBC-17	Nokia mobile mount includes swivel mount HHS-15.	17.50 0.3 0.14	12.95 12.60 12.17

Transportable Batteries [270-88]

Transportable Power Kits

Transportable power kit has all the equipment you need to power your bag phone or mobile device.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Battery Capacity, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
32064 1 EACH	Powertel N9026 1 year	2.3 Amp Hour. This transportable power kit gives you all the power you need for your bag phone. Includes a battery, charger and Y-adapter which powers your phone & charges the battery when plugged into a cigarette lighter.	63.55 2.4 1.09	30.69 30.00 28.60
88027 20 PACK	Powertel N9026 1 year	2.3 Amp Hour. This transportable power kit gives you all the power you need for your bag phone. Includes a battery, charger and Y-adapter which powers your phone & charges the battery when plugged into a cigarette lighter.	1,091.75 50.8 23.09	390.60 383.63 376.65
71763 1 EACH	Superior Comm. 18633	2.3 Amp Hour Universal bag phone kit includes 2.3 amp lead acid battery, Y cord and 500 mA AC charger. BULK PACKAGED.	60.85 2.54 1.15	29.08 28.01 27.37

Transportable Batteries

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Battery Capacity, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
20099 1 EACH	Powertel V-501 1 year	2.3 Amp Hour Lead-acid battery.	42.40 1.45 0.66	20.46 20.00 19.07
62488 1 EACH	Motorola Inc. SNN4139 1 year	2.3 Amp Hour Lead acid battery.	34.00 1.6 0.73	23.29 22.54 20.67
81287 1 EACH	Multiplier M5001 1 year	2.3 Amp Hour Lead acid battery	43.65 1.62 0.74	22.92 22.18 21.81

Battery Clip with Socket

66204

Includes 8" cord with battery clip on one side and female cigarette lighter socket on the other.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Battery Capacity, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
66204 1 EACH	Powertel N9022 1 year	Replacement 8" cord with a battery clip on one end and a female cigarette lighter socket on the opposite end.	10.50 0.07 0.03	5.06 4.95 4.72

Y Adapter

94647

Female cigarette lighter socket with male cigarette plug on one side a tery clip on opposite side.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Battery Capacity, Description	List ($) Wt. (lbs) Wgt. (kg.)
94647 1 EACH	Powertel Y ADAPTER 1 year	Replacement Y adapter with a male cigarette plug, a female cigarette socket and a batteryclip. Allows you to charge transportablebattery while phone is plugged into a cigarette lighter. Includes LED power indicator.	11.30 0.25 0.11

Chargers with Socket

61517

Overnight charger for transportable lead acid batteries. Includes female cigarette socket.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Battery Capacity, Description	List ($) Wt. (lbs) Wgt. (kg.)
84498 1 EACH	Motorola Inc. SPN4025	12VDC 400 mA overnight charger with a female cigarette lighter socket. 115VAC input.	8.15 0.74 0.34
61517 1 EACH	Powertel 61517 1 year	12VDC 500 mA overnight charger with a female cigarette lighter socket.	8.20 0.65 0.3

Charger/ Built-In Socket

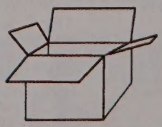
54163

1000 mA power supply with intergrated female lighter socket.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Battery Capacity, Description	List ($) Wt. (lbs) Wgt. (kg.)
54163 1 EACH	Samlex America FCP1000	12VDC 1000 mA charger/power supply with a intergrated female cigarette socket. UL/CSA approved.	6.85 1 0.45

Battery Recycling Containers [270-92]

Battery Recycling Containers



Spent Nickel-Cadmium and Lead Acid batteries are co ered a hazardous waste by the Federal EPA and it is il dispose of these batteries in a public landfill. These pre recycling containers cover all recycling expenses, exce ping* and will be recycled under the strictest EPA regu

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Specific Battery Type	List ($) Wt. (lbs) Wgt. (kg.)
96321 1 EACH	Inmetco CONT3 N/A	For Nickel Cadmium batteries. All fees, and shipping back to the reclamation center included (up to 30 lbs).	55.55 0.25 0.11
44714 1 EACH	Inmetco CONT4 N/A	For Nickel Metal Hydride batteries only. All fees and shipping to reclamation center included (up to 30 lbs).	55.55 0.25 0.11
82373 1 EACH	Inmetco LITHIONBOX N/A	For Lithim Ion batteries only. All fees and shipping to reclamation center included (up to 30 lbs).	58.35 0.25 0.11

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Belt Clips [310-60]

s with Knob for Motorola G520

Battery doors with belt knob/connector for the Motorola G520. Does not include belt clip (37730).

Manufacturer Mfg. P/N Warranty	Description, Color Phone Brand, Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Motorola Inc. SHN6937 1 Year	Battery Door with Belt Clip Black Door with knob-G520 AAA batteries only	3.75 0.1 0.05	2.33 2.25 2.07

Clips for Nokia Phones

Belt clips designed to conveniently snap onto the phone to securely hold it in place. Holds the phone without the need for a leather carry case.

Manufacturer Mfg. P/N Warranty	Description, Color Phone Brand, Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Nokia BCH-12U 90 days	Belt Clip Black Nokia 6100 series, 7190	9.00 0.18 0.08	3.80 3.48 3.15

Clips for Nokia Phones

003 12552

Belt clips designed to conveniently snap onto the phone to securely hold it in place. Holds the phone without the need for a leather carry case.

Manufacturer Mfg. P/N Warranty	Description, Color Phone Brand, Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Nokia SKB-3 Lifetime	Belt Clip/ Mobile Holder for Nokia 8260. This item is intended to be used with the HF kit. It does not include a cradle for the phone. Black Nokia 8260	14.95 0.25 0.11	9.13 8.83 8.80
Nokia BCH-10 Lifetime	Belt Clip Black Nokia 252	9.00 0.1 0.05	2.15 1.99 1.83

on Swivel Belt Clip

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Manufacturer Mfg. P/N Warranty	Description, Color Phone Brand, Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Sony Ericsson Mobile Comm. SXK1076820	Keep your phone close at hand. This compact accessory snaps easily to your belt while allowing your phone to conform to your body's motions. Clip is built with spring-steel and heavy duty plastic for extra durability. Depending on phone model, clip attaches to phone with screw or double sided tape. Black Ericsson All Ericsson Phones	10.00 0.3 0.14	4.73 4.69 4.67

Motorola Portable Phone Holsters

459101 471003 497126 476102 412399

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Phone Brand, Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
449062 1 EACH	Motorola Inc. NTN9152 1 Year	Swivel belt clip holster Black Motorola i500 and i700	9.30 0.09 0.04	5.77 5.58 5.12
459101 1 EACH	Motorola Inc. 98282/SYN8734A 12 Month Limited	Front facing swivel holster. Retail box. Talkabout T8367, T8167, T8160, T8097, T8090 and Timeport P8767, P8167, P8160, P8097, P8090	6.25 0.1 0.05	4.39 4.26 3.95
471003 1 EACH	Motorola Inc. NTN8657	Holster for Motorola i1000 and i1000+ Black Motorola i1000 and i1000+	7.90 0.4 0.18	4.88 4.73 4.33
497126 1 EACH	Motorola Inc. 98315 12 Month Limited	Holster. Retail box. Black Timeport 270c	10.00 0.4 0.18	5.16 5.01 4.64
476102 1 EACH	Motorola Inc. 98164/SYN7119 12 Month Limited	Plastic holster. Retail box. Black V. Series V3620, V3682, V8160, V8162	10.00 0.15 0.07	4.39 4.26 3.95
481104 1 EACH	Motorola Inc. 98127/SHN6971 12 Month Limited	Rear-facing plastic holster. Retail box. Black StarTAC	10.00 0.1 0.05	4.39 4.26 3.95
486131 1 EACH	Motorola Inc. SYN7574 12 Month Limited	Front-facing plastic holder. Retail box. Black StarTAC	10.00 0.1 0.05	4.39 4.26 3.95
NEW 412399 1 EACH	Motorola Inc. SYN0375 12 Month Limited	Rotating holster. Not compatible with extra capacity battery. V. Series 60c, V. Series 60g, V. Series 60t, V60i	7.50 0.4 0.18	5.16 5.01 4.64

Mitsubishi Belt Clips

72354 72327 72207

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Phone Brand, Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 72354 1 EACH	Mitsubishi CLP-P6 1 Year	Mitsubishi G300 Belt Clip Black Mitsubishi G300	14.45 0.2 0.09	12.38 11.48 11.20
NEW 72327 1 EACH	Mitsubishi CLP-P5 1 Year	Belt Clip Black Mitsubishi T200 Audiovox TDM2500	13.60 0.2 0.09	11.66 10.82 10.54
NEW 72207 1 EACH	Mitsubishi CLP-P7 1 Year	Belt Clip Black Mitsubishi T250	11.60 0.15 0.07	9.91 9.19 8.96

Kyocera Belt Clips

490199 417196 422063

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Phone Brand, Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
490199 1 EACH	Qualcomm/Kyocera TXLCC0C01 1 year	Belt Clip Black Kyocera QCP 2135	6.40 0.25 0.11	5.06 5.01 4.91
NEW 417196 1 EACH	Qualcomm/Kyocera TXLCC0E01 1 year	Belt Clip Assembly Black Kyocera QCP2235	3.60 0.35 0.16	3.05 3.02 2.96

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Phone Brand, Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
422063 1 EACH	Qualcomm/Kyocera TXLCC00A12 1 Year	Belt Clip Black Kyocera QCP3035	6.50 0.2 0.09	5.13 5.08 4.98

Motorola Belt Clips

490285 442112

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Phone Brand, Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 490285 1 EACH	Motorola Inc. SYN0425 12 Month Limited	Phone grabber and belt clip. For use with high performance 850 mAh only. Retail box. Motorola Timeport 270	10.00 0.1 0.05	4.62 4.49 4.16
442112 1 EACH	Motorola Inc. 98346/SHN7175 12 Month Limited	Front-facing belt clip. Spring loaded to allow push-button release. Does not swivel. Retail box. Black Motorola V. Series 120c, 120t, Timeport L7082, L7089, P7382, P7382i, P7389, P7389i	10.00 0.1 0.05	4.00 3.89 3.61

Audiovox Belt Clips

434345 453336 491064

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Phone Brand, Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 434345 1 EACH	Audiovox BC9500VW 1 Year	Holster with rotating clip. Retail packaged. Audiovox CDM-9500	6.85 0.05 0.02	4.84 4.53 4.21
NEW 453336 1 EACH	Audiovox BC8300VW 1 Year	Belt clip. Retail packaged. CDM-8300	7.50 0.05 0.02	5.28 4.94 4.59
491064 1 EACH	Audiovox BC9100 1 Year	Belt clip. Retail packaged. CDM-9100, CDM-9150x, 9155-GPX	8.20 0.05 0.02	5.71 5.34 4.96

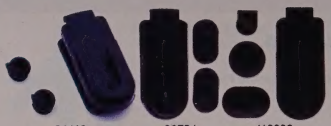
Siemens Belt Clips

444306

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Phone Brand, Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 444306 1 EACH	Siemens ICM, LLC L36880-N7501-A113 1 Year	Belt clip. Bulk packaged. Siemens M46	18.70 0.1 0.05	4.24 4.13 4.00

Wireless Solutions Beltclips



26612 30754 413338

Belt clips designed to conveniently s onto the phone to securely hold it i place. Holds the phone without the for a leather carry case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Phone Brand, Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T
26612 1 EACH	Wireless Solutions 26612 Lifetime	Belt Clip - Nokia 3200,5100,6100 Series Only Black Nokia 5100/6100 series Wireless Solution Pkg.	6.80 0.18 0.08	
30754 1 EACH	Wireless Solutions 30754 Lifetime	Universal Belt Clip includes three different swivels with 3M adhesive. Black All brands All models	6.80 0.18 0.08	
NEW 413338 1 EACH	Wireless Solutions 458379U Lifetime	Universal Belt Clip includes two swivels with 3M adhesive. Black All brands All models	6.80 0.18 0.08	

Hip Clip Kits

10021

The Hip Clip is a unique design to wear all PCS, cellular or cordless device convenient spot of your belt. The clip attaches to the belt or wasteband an button to the phone. Adheres with high bonding tape.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Phone Brand, Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T
NEW 10021 1 EACH	AleEv (formerly MTU) 80341 1 year	Universal Hip Clip button with adhesive Black Includes Hip Clip, Universal	9.95 0.1 0.05	

Pro.Fit Belt Clips

488088 444085 475022

Pro.Fit's swivel belt clip is designed to be simple, vers and convenient. Button attaches to phone then slides the slot in the swivel belt clip. Retail peg hook packag a colorful information card.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Phone Brand, Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T
NEW 488088 1 EACH	Pro.Fit International BC-100 3 Years	Belt clip Button Black Nokia 5100/6100 series	2.65 0.02 0.01	
NEW 444085 1 EACH	Pro.Fit International BC-200 3 Years	Universal belt clip with round and oblong buttons. Includes 3M adhesive tape for attaching buttons to phone. Black Universal/ All Universal	2.65 0.1 0.05	
NEW 475022 1 EACH	Pro.Fit International BC-300 3 Years	Replacement Buttons (1) round, (1) oblong Black Button Kit Universal	1.80 0.2 0.09	

The Clip

77912

The Clip is a universal belt clip that attaches to cellular and cordless ph 2 way radios, GPS' s, PDA's, MP3 players, pagers, cameras, portable cas players etc. Made from the finest plastic and adhesive in the world. On bonded it can hold 15 pounds on your belt at temperatures from -10F 180F.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Phone Brand, Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	
NEW 77912 1 EACH	The Clip THE CLIP 90 days	Single Clip on Display Card Universal	5.70 0.1 0.05	
NEW 93624 100 PACK	The Clip THE CLIP-BULK	Adhesive belt clip All Poly bagged- 100 pieces Clip and separate adhesive	345.00 5 2.27	

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Clip

The VibraClip vibrating belt clip. A button adheres to your phone then snaps into the belt clip. When a call comes in the clip vibrates. Only works when the phone is attached. Trigger release button releases the phone. Includes AAA battery.

Manufacturer Mfg. P/N Warranty	Description, Color Phone Brand, Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
The Clip VIBRACLIP	Vibrating belt clip	21.75 0.1 0.05	14.53 12.84 12.40

wivel Clip

The Swivel Clip is a universal belt clip to attach cellular phones, 2-way radios, pagers, PDA's, GPS's, MP3 players and cordless telephones. Includes (2) buttons, round and rectangular that lock into the swivel clip. Button release allows easy removal. Phone can swivel 360 degrees. 1" wide. Retail packaged.

Manufacturer Mfg. P/N Warranty	Description, Color Phone Brand, Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
The Clip SWIVELCLIP 90 days	Swivel Clip Universal	4.25 0.05 0.02	2.84 2.51 2.43

Micro Swivel CLip

Micro Swivel Clip universal belt clip attaches to cellular phones, 2-way radios, PDA's, GPS's, MP3 players, pagers and cordless telephones. Includes (2) buttons, round and rectangular that lock into the swivel clip. Button release allows easy removal. Phone can swivel 360 degrees. 3/4" wide. Retail packaged.

Manufacturer Mfg. P/N Warranty	Description, Color Phone Brand, Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
The Clip MICROSWIVEL 90 days	Micro Swivel Clip Universal	4.25 0.05 0.02	2.84 2.51 2.43

ltra Swivel Clip

The Ultra Clip meets or exceeds the needs of anyone carrying expensive electronics. Significantly stronger and more secure than similar products on the market the Ultra Clip can withstand pulling forces in excess of 130 pounds in any direction.

- cking tab allows devices to rotate 360
- ust be turned 90 degrees to install and Ultra Tab
- ly with Ultra Tabs - two (2) adhesive tabs
- es with strong but removable 3M acrylic adhesive
- Scored tabs fit almost any concave or convex surface
- Ultra Tabs can be screwed or riveted to almost anything (screws or rivets not included)
- Fits belts up to 1.8" wide

Manufacturer Mfg. P/N Warranty	Description, Color Phone Brand, Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
The Clip 777 90 days	Ultra Swivel Clip Universal	4.25 0.05 0.02	2.84 2.51 2.43

The Tether

419144

The Tether provides a better way to carry portables. It works with all the Clip Tabs to secure portable devices for maximum convenience. Adjust the volume, look up a phone number, change songs - all without removing it from the belt clip. Versatile and handy!

- Unique locking tab allows portable devices to rotate 360 degrees
- Easily adjustable strap length
- Quick disconnect feature
- Tough, high-quality nylon strap and cord
- Works with Ultra Clip Tabs - one (1) adhesive tab included
- Tab attaches with strong but removable 3M acrylic bonding adhesive
- Device must be turned 90 degrees to install and remove Ultra Tab
- Scored tab fits almost any convex or concave surface
- Ultra Tab can be screwed or riveted to almost anything (screws and rivets not included)
- NOTE: Use caution wearing The Tether around machinery and unhook at least the bottom when driving.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Phone Brand, Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 419144 1 EACH	The Clip 2001 90 days	Tether includes tough nylon strap and cord, swivel mount, and adhesive-backed Ultra Tab. RED with black mount and tab.	3.40 0.05 0.02	2.28 2.01 1.94
NEW 423128 1 EACH	The Clip 2002 90 days	Tether includes tough nylon strap and cord, swivel mount, and adhesive-backed Ultra Tab. LIGHT GRAY with black mount and tab.	3.40 0.05 0.02	2.28 2.01 1.94
NEW 478139 1 EACH	The Clip 2003 90 days	Tether includes tough nylon strap and cord, swivel mount, and adhesive-backed Ultra Tab. BLUE with black mount and tab.	3.40 0.05 0.02	2.28 2.01 1.94

The Pillow

488137

The Pillow offers unexpected real benefits:

- Very soft air-filled cushion increases comfort
- Helps center the earpiece for better sound reception
- Helps eliminate that sweaty, sticky-phone feeling in long conversations
- Fits all cordless and cellular phones

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Phone Brand, Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 488137 1 EACH	The Clip 461 90 days	Pillow air-filled cushion for all cordless and cellular phones.	1.75 0.05 0.02	1.17 1.04 1.00

Tab Kit

The Tab Kit works will all Swivel Clips and the Vibra Clip. Use on extra batteries, phones and accessories. Includes (1) round tab/knob and (1) rectangular tab with 3M acrylic bonding adhesive pads. Retail packaged.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Phone Brand, Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 71347 1 EACH	The Clip TAB KIT	Tab Kit. For use with Swivel and Vibra Clips. Includes (1) round tab (knob/button) and (1) rectangular tab with adhesive bonding pads.	4.10 0.05 0.02	1.74 1.70 1.64

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Ericsson Phone Holsters

454352 496014

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Phone Brand, Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 454352 1 EACH	Sony Ericsson Mobile Comm. NTK102045	Durable to withstand everyday wear and tear. The Phone Holster ICT-14 can attach to your belt with a detachable belt clip to be worn horizontally or with a belt loop to be worn vertically. You can even carry it using the included wrist strap. This holster has a Velcro closure and is available in gray nylon. Gray nylon Ericsson T65, T200/ 300/ 306/ 600.	17.00 0.25 0.11	8.85 8.79 8.74
496014 1 EACH	Sony Ericsson Mobile Comm. DPY901030 6 months	Sturdy neoprene and high density plastic ensures protection. Comfortable horizontal fit. Slate Blue Ericsson T28w/T28z	13.00 0.25 0.11	7.26 7.21 7.17

LG Phone Holster

483365

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color Phone Brand, Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 483365 1 EACH	LG Infocomm MHIY0000501 1 year	Holster for the LGI VX4400 phone. Black LGI VX4400	7.00 0.1 0.05	5.00 4.86 4.67

Transportable Antennas [385-67]

Molded Antennas Mini UHF Connector

81173

Transportable antennas have long whips and either a fixed or adjustable right angle connector. This allows the phone to be used while still in it's case with the antenna exposed.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Description/ Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
81173 1 EACH	Wireless Solutions A6209 3 yrs	824-896 MHz 9" coaxial halfwave with mini-UHF connector for most Motorola transportables. Horizontal and vertical 180 degree adjustment with built-in stops.	33.55 0.25 0.11	13.42 13.42 13.42

Molded Antennas TNC Connector

Transportable antennas have long whips and either a fixed or adjustable right angle connector. This allows the phone to be used while still in it's case with the antenna exposed.

Continuing product table (1 of 2)

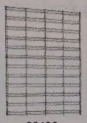
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Description/ Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
99739 1 EACH	Andrew Wireless C570 Lifetime	824-896 MHz 9" halfwave features a TNC male right angle connector. Retail packaged.	22.80 0.1 0.05	15.95 14.36 14.13
74395 1 EACH	Audiovox TA420 None	824-896 MHz 9" halfwave features a TNC right angle connector.	19.10 0.08 0.04	12.25 11.38 10.50

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Description/ Phone Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
13321 1 EACH	Wireless Solutions 64928 3 yrs	872-960 MHz 9" coaxial halfwave with horizontal/vertical 180 degree adjustment with built-in stops. Features a TNC male connector.	33.55 0.25 0.11	
28490 1 EACH	Antenna Specialists XPD68 1 year	824-896 MHz 9" coaxial halfwave features an adjustable 0-90 degree swivel adapter and a TNC male connector.	33.00 0.13 0.06	
42780 1 EACH	Wireless Solutions A6208 3 yrs	824-896 MHz 9" coaxial halfwave with horizontal/vertical 180 degree adjustment with built-in stops. Features a TNC male connector.	33.55 0.25 0.11	
94387 1 EACH	Wireless Solutions A6207 3 yrs	824-896 MHz 9" coaxial halfwave with fixed 90 degree angle adapter and TNC maleconnector.	31.35 0.25 0.11	

Slatwall Display Materials [016-10]

Slat Grid



90639

Slat Grids are designed to use either slatwall or grid type accessories

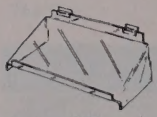
Part No. Qty/Uom	Manufacturer Mfg. P/N	Description	List ($) Wt. (lbs) Wgt. (kg.)
90639 1 EACH	TESSCO Services STG 26/C - 2'X6'	Chrome slatgrid -- 2' x 6'. 1/4" wire - 3" grid. Vertical sideshave double wire.	53.60 0.1 0.05

Slatwall Hooks

53495

Part No. Qty/Uom	Manufacturer Mfg. P/N	Description	List ($) Wt. (lbs) Wgt. (kg.)
86427 1 EACH	TESSCO Services SWH01	1" Slatwall Hook - Chrome, .250 gauge.	0.65 0.09 0.04
89289 1 EACH	TESSCO Services SWH01BL	1" Slatwall Hook - Black, .250 gauge.	0.65 0.07 0.03
53495 1 EACH	TESSCO Services SWH04	4" Slatwall Hook - Chrome, .250 gauge.	0.60 0.25 0.11
91888 1 EACH	TESSCO Services SWH06	6" Slatwall Hook - Chrome, .250 gauge	0.65 0.17 0.08

Slatwall Shelves, 45 deg Side Braces



12439

Part No. Qty/Uom	Manufacturer Mfg. P/N	Description	List ($) Wt. (lbs) Wgt. (kg.)
12439 1 EACH	TESSCO Services 2455	10"wide x 10" deep 45 degree slatwall shelf with side braces. Used to display phones and accessories. 3/16" acrylic.	19.60 0.3 0.14
50832 1 EACH	TESSCO Services 2456	16"wide x 10" deep 45 degree slatwall shelf with side braces. Used to display phones and accessories. 3/16" acrylic.	26.25 0.3 0.14
89225 1 EACH	TESSCO Services 2457	24"wide x 12" deep 45 degree slatwall shelf with side braces. Used to display phones and accessories. 3/16" acrylic.	32.40 0.3 0.14

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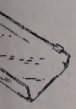
vall Shelves, 90 deg. Braced

25653

Manufacturer Mfg. P/N	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
TESSCO Services 2252	12"long x 12" wide 90 degree slatwall shelf with underside braceUsed to display phones and accessories.	21.45 0.3 0.14	20.00 19.29 18.76
TESSCO Services 2253	24"long x 12" wide 90 degree slatwall shelf with underside braceUsed to display phones and accessories.	41.55 0.3 0.14	38.73 37.36 36.33

vall Shelves, 45 deg.

45 degree slanted faceout shelves. 1/4" thick clear acrylic with 1" front lip.



7618

Manufacturer Mfg. P/N	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
TESSCO Services 2087	7" wide x 10" deep tray area.	10.30 0.3 0.14	9.59 9.25 8.99
TESSCO Services 2190	11" wide x 10" deep tray area.	12.95 0.3 0.14	12.07 11.64 11.32

vall Shelves, 90 deg. Braced

90 degree braced shelf with front lip. 3/16" clear acrylic.

62797

Manufacturer Mfg. P/N	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
TESSCO Services 2256	16" wide x 10" deep tray area.	26.15 0.3 0.14	24.40 23.54 22.89

vall Shelves

64609

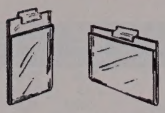
Manufacturer Mfg. P/N	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
TESSCO Services 2008E	10"long x 6" wide slatwall shelf, acrylic	2.15 0.1 0.05	2.01 1.94 1.89

Slatwall Security Boxes

48897

Part No. Qty/Uom	Manufacturer Mfg. P/N	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
48897 1 EACH	TESSCO Services 2010	10"wide x 14"high x 7" deep slatwall security box.	55.75 4 1.82	52.01 50.17 48.78
87290 1 EACH	TESSCO Services 2251	9" wide x 6" deep braced shelf used inside a security box for slatwalls.	11.15 0.1 0.05	10.41 10.04 9.76

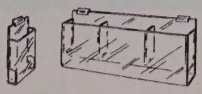
Slatwall Signholders



40281

Part No. Qty/Uom	Manufacturer Mfg. P/N	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
40281 1 EACH	TESSCO Services 2030	Acrylic slatwall signholder, 5-1/2"w x 3 /2"h. 1/8" thick	3.30 0.1 0.05	3.07 2.97 2.97
27067 1 EACH	Baltimore Display Industry CHL3A	Horizontal acrylic slatwall signholder, 11"w x 7.5"h x 1/8" thick.	9.60 0.1 0.05	8.94 8.63 8.39
65717 1 EACH	TESSCO Services 2035	Vertical acrylic slatwall signholder, 7"w x 11.75"h x 1/8" thick.	9.60 0.1 0.05	8.94 8.63 8.39

Slatwall Brochure Holders



Part No. Qty/Uom	Manufacturer Mfg. P/N	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
52246 1 EACH	TESSCO Services 2452	Double slatwall brochure holder, 8 1/2" x 11" with 2" deep pocket	23.95 0.1 0.05	22.33 21.54 20.94
60429 1 EACH	TESSCO Services SWL2	Single slatwall brochure holder, 8 1/2" x 11" with 2" deep pocket.	11.25 0.1 0.05	10.50 10.13 9.85

Seasonal Display Materials

05053 85667

These merchandising graphics and displays will make your selection of products more shoppable and increase the sales of your wireless phone accessories.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
05053 1 EACH	Wireless Solutions 2 TIER DISPLAY	Two-tier display tray for product and base for merchandising on slaes floor, near end-caps etc. This item ships direct from the vendor. Please call the TESSCO Retail Team at 800-955-9997 for instructions on how to place your merchandising supply order.	0.00 0.6 0.27	0.00 0.00 0.00
85667 1 EACH	Wireless Solutions WLSHOLIDAY HEADER	WIRELESS SOLUTIONS Holiday Header for temporary chipboard display. "Plug it, hear it, clip it, give it." For use with Floor Display sku# 05053.This item ships direct from the vendor. Please call the TESSCO Retail Team at 800-955-9997 for instructions on hform multiple linear regression analysis? o	0.00 1.5 0.68	0.00 0.00 0.00

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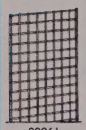
Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
87748 1 EACH	Wireless Solutions HOLIDAY WOBBLERS	Holiday Wobblers Display. Four color varnished finish and diecut wobbler. Hangs from Wireless Solutions Merchandising trays via clear acetate strip and velcro. Text on wobbler reads: Accessories: the perfect stocking stuffer. This item ships direct form multiple linear regression analysis.	0.00 1.5 0.68	0.00 0.00 0.00

Grid Display Materials [016-20]

Grid Panels



89861

Part No. Qty/Uom	Manufacturer Mfg. P/N	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
89861 1 EACH	TESSCO Services GW26	Single Grid panel 2'wide x 6' tall, Chrome	26.85 15 6.82	25.06 24.17 23.50
38254 1 EACH	Wireless Solutions M1002	Single Grid Panel 2' wide x 6' tall, Black	25.65 15 6.82	25.65 25.65 25.65

Grid Clips

Grid Joiner butterfly clips for joining multiple grid panels.

Part No. Qty/Uom	Manufacturer Mfg. P/N	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
63433 1 EACH	TESSCO Services GW/JC	Grid Joiner Clips,-Black	0.60 0.1 0.05	0.54 0.52 0.50

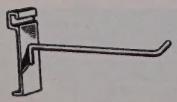
Grid Wall Brackets

Wall brackets for attaching grids to a wall

91037

Part No. Qty/Uom	Manufacturer Mfg. P/N	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
91037 1 EACH	TESSCO Services GW/WB	Grid Wall Bracket-Chrome	3.00 0.36 0.16	2.80 2.70 2.63
39430 1 EACH	TESSCO Services BLK/WB	Grid Wall Bracket-Black	3.00 0.1 0.05	2.80 2.70 2.63

Grid Hooks



Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
88612 1 EACH	TESSCO Services GW/H4	Grid Hooks, 4" chrome	0.65 0.1 0.05	0.59 0.57 0.56

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N	Description	List ($) Wt. (lbs) Wgt. (kg.)
37005 1 EACH	TESSCO Services GWDH04BL	Grid Hooks-Black	0.65 0.1 0.05

Grid Legs

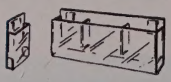
Part No. Qty/Uom	Manufacturer Mfg. P/N	Description	List ($) Wt. (lbs) Wgt. (kg.)
50219 1 EACH	Wireless Solutions M1007	24" rectangular grid legs-black	16.50 10 4.54

Grid Shelves

1/4" thick acrylic flat gridwall shelves

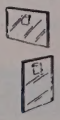
Part No. Qty/Uom	Manufacturer Mfg. P/N	Description	List ($) Wt. (lbs) Wgt. (kg.)
77823 1 EACH	TESSCO Services 3001	9"long x 4" wide grid shelf	7.90 0.5 0.23
26216 1 EACH	TESSCO Services 3006	12" long x 6" wide grid shelf	10.75 0.85 0.39

Grid Brochure Holders



Part No. Qty/Uom	Manufacturer Mfg. P/N	Description	List ($) Wt. (lbs) Wgt. (kg.)
97608 1 EACH	TESSCO Services 3111	Gridwall brochure holder, acrylic, 2"deep pocket. 4"w x 9"h Single Pocket	10.00 0.1 0.05
22469 1 EACH	TESSCO Services 3454	Grid brochure Holder, acrylic 8-1/2 x 11", Triple Pocket.	39.85 3.43 1.56

Grid Sign Holders



Part No. Qty/Uom	Manufacturer Mfg. P/N	Description	List ($) Wt. (lbs) Wgt. (kg.)
13569 1 EACH	TESSCO Services CHLB	Gridwall signholder. 1/8" acrylic, 7"w x 5-1/2"h.	4.65 0.1 0.05
59215 1 EACH	TESSCO Services 3036	Gridwall signholder. 1/8" acrylic, 11"w x 7"h	7.60 0.1 0.05

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Counter Top Display Materials [016-30]

ter Easels

Manufacturer Mfg. P/N	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
TESSCO Services 1072E	Molded economy easel, 2-3/4" x 5-3/4" x 3-1/2" 1" front lip.	3.15 0.25 0.11	2.92 2.81 2.78

ng Counter Top Display

Manufacturer Mfg. P/N	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
TESSCO Services 1477 STK	Locking counter display with 4 shelves. 10"w x 15"h x 5"d. clear acrylic	121.45 2 0.91	113.29 109.28 106.25
TESSCO Services 1475	Locking counter display with 3 shelves. 21"w x 13"h x 7-1/2" d. clear acrylic	175.00 2 0.91	163.28 157.50 153.13

Opening Easels

Manufacturer Mfg. P/N	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
TESSCO Services 1065	Wide opening (3") easel. 7-1/2" wide x 8" high made of clear acrylic.	7.60 0.71 0.32	7.07 6.82 6.63

Countertop Displays

These merchandising graphics and displays will make your selection of products more shoppable and increase the sales of your wireless phone accessories.

48303
product table (1 of 2)

Manufacturer Mfg. P/N	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Wireless Solutions OEM COUNTER DISP	Countertop Display for Boxed OEM accessories. Display has four trays that can each hold four accessories. Display can be set on a counter or hung on slatwall. This item ships direct from the vendor. Please call the TESSCO Retail Team at 800-955-9997 for information on how to place your merchandising supply order.	129.00 11 5	100.00 100.00 100.00
LG Infocomm APEY0003102	TM510 Dummy phone labled LG. (black)	38.00 0.2 0.09	27.14 26.38 25.35
LG Infocomm APEY0044201	LG 1010 Dummy Phone, Grey in color.	38.00 0.2 0.09	27.14 26.38 25.35
LG Infocomm APEY0003101	TM510 Dummy phone for Verizon. (black)	38.00 0.2 0.09	27.14 26.38 25.35

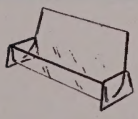
Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 448303 1 EACH	LG Infocomm APEY0043201	LG 4NE1 Dummy Phone	38.00 0.2 0.09	27.14 26.38 25.35
NEW 461305 1 EACH	LG Infocomm APEY0031501	VX1/VX10 Dummy phone	38.00 0.2 0.09	27.14 26.38 25.35
NEW 463350 1 EACH	LG Infocomm APEY0044203	1010 Dummy phone, Violet in color.	38.00 0.2 0.09	27.14 26.38 25.35
NEW 469352 1 EACH	LG Infocomm TBD	VX4400 Dummy phone	38.00 0.2 0.09	27.14 26.38 25.35
NEW 473352 1 EACH	LG Infocomm APEY0044202	1010 Dummy phone, Blue in color.	38.00 0.2 0.09	27.14 26.38 25.35
NEW 475383 1 EACH	LG Infocomm APEY0050201	5350 Dummy phone	38.00 0.2 0.09	27.14 26.38 25.35
NEW 491362 1 EACH	LG Infocomm APEY0058801	VX2000 Dummy phone	38.00 0.2 0.09	27.14 26.38 25.35

Table Top Sign Holders

Part No. Qty/Uom	Manufacturer Mfg. P/N	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
46001 1 EACH	TESSCO Services 1109	Slantback countertop signholder, 5 1/2 x 7"	3.95 0.1 0.05	3.67 3.54 3.44
84394 1 EACH	TESSCO Services 1113	Slantback countertop signholder, 7 x 11"	6.30 0.1 0.05	5.87 5.67 5.51
32787 1 EACH	TESSCO Services 1117	Slantback countertop signholder, 8.5 x 11" clear acrylic	7.90 0.73 0.33	7.34 7.08 7.04

Business Card Holder



Part No. Qty/Uom	Manufacturer Mfg. P/N	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
47648 1 EACH	TESSCO Services 1314E	Business Card Holder. 3/4" deep. Clear acrylic.	1.90 0.06 0.03	1.76 1.70 1.65

Countertop Sign Holders

Part No. Qty/Uom	Manufacturer Mfg. P/N	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
99255 1 EACH	TESSCO Services 1079	Slantback countertop signholder, 8.5 x 11" with business card pocket.	12.85 1.1 0.5	11.99 11.57 11.25

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ManufacturersProductDisplays'[016-40]

Wireless Solutions Merchandising

85109

Wireless Solutions is the only company to provide a revolutionary retail merchandising system that drives consumer selection and education. The system is designed help the consumer choose the right accessory, drive multiple purchases, and demonstrate product features and benefits. The system is designed to display batteries, car cords, cases, chargers, and headsets.

Part No. Qty/Uom	Manufacturer Mfg. P/N	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
85109 1 EACH	Wireless Solutions WALLUNIT W/ PNLS	7 Foot tall in store merchandising system. Wall unit model. FREE when stocked with high quality Wireless Solutions product. Call your customer service representative for more details.	700.00 12 5.45	700.00 700.00 700.00
60889 1 EACH	Wireless Solutions 4' WALL UNIT	Wireless Solutions revolutionary in-store merchandising system. 4' wall unit. FREE when stocked with high quality Wireless Solutions product. Call your customer service representative for more details.	400.00 12 5.45	400.00 400.00 400.00
21531 1 EACH	Wireless Solutions PANEL-WS LOGO	Wireless Solutions Logo Panel used with wall units.	0.00 0.4 0.18	0.00 0.00 0.00
419058 1 EACH	Wireless Solutions NEW SYSTEM PANEL	Wireless Solutions Right side panel for use with wall units: Frequently Asked Questions about Safe Driving	0.00 0.1 0.05	0.00 0.00 0.00
427002 1 EACH	Wireless Solutions NEW RECHARG PANEL	Wireless Solutions Right side panel for use with wall units: Frequently Asked Questions about Battery Recharging	0.00 0.1 0.05	0.00 0.00 0.00
427054 1 EACH	Wireless Solutions NEW HEADSET PANEL	Wireless Solutions Right side panel for use with wall units: Frequently Asked Questions about Handsfree Headsets	0.00 0.1 0.05	0.00 0.00 0.00
431040 1 EACH	Wireless Solutions NEW CHARGER PANEL	Wireless Solutions Right side panel for use with wall units: Frequently Asked Questions about Chargers	0.00 0.1 0.05	0.00 0.00 0.00
493031 1 EACH	Wireless Solutions NEW TAKEONE PANEL	Wireless Solutions Right side panel for use with wall units: Frequently Asked Questions about Info on the Go	0.00 0.1 0.05	0.00 0.00 0.00

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If you need phone accessories, you're on the right page.

If you need repair parts and components, go to page 1817.

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Multiplier's commitment since 1972 has been to supply our customers with a high quality product at a competitive price.

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- Display Materials

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- Voice Encryption Modules
- Microphones
- Batteries, Two-Way Portable
- Chargers & Conditioners, Two-Way
- Battery Analyzers & Conditioners
- Cases, Two-Way Portable
- Headsets, Two-Way Portable
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- Mobile RF Amplifiers
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- Antennas, Portable Two-Way
- Antennas, Mobile PCS & Dual Band
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Two-Way Radios & Accessories

- **Analyzers & Conditioners, Battery 1190**
  - Adapter Cups for Battery Analyzers..... 1192
  - Analyzers/Conditioners..... 1190
- **Auto Security 1222**
- **Batteries, Two-Way Portable 1174**
  - Battery Clips 1187
  - Eliminators / Cradles 1187
  - E.F.Johnson..... 1184
  - Ericsson / M/A-COM 1178
  - Icom..... 1180
  - Kenwood..... 1181
  - King/Bendix..... 1185
  - Maxon 1185
  - Midland 1184
  - Motorola..... 1174
  - Ritron, Jobcom 1184
  - Standard Radio 1185
  - Tekk..... 1186
  - Wilson, Relm, Regency, Uniden..... 1183
  - YAESU / Vertex 1186
- **Cases, Two-Way Portables 1195**
  - Accessories, Case 1197
  - Ericsson 1195
  - Kenwood..... 1196
  - Motorola..... 1196
  - Waterproof 1197
- **Chargers & Conditioners, Two-Way 1188**
- **Encoders/Decoders, Plug-In 1169**
  - ANI/Status Systems..... 1170
  - Decoders, DTMF 1169
  - Digital Coded Squelch 1169
  - Encoders, Decoders, & ANI Systems 1169
  - Encoders, Receivers & Modems, Paging . 1170
  - Shared Repeater Panels..... 1169
  - Sub-Audible CTCSS..... 1169
- **Microphones 1171**
  - Accessories, Microphone 1174
  - Desk..... 1171
  - Dispatch "Gooseneck"..... 1171
  - Microphones / Speaker 1172
  - Mobile 1171
- **Radios, Two-Way 1162**
  - LMRS 1167
  - Personal Communication 1162
- **Voice Encryption Modules 1170**
  - Morse Code Identifiers..... 1170
  - Voice Encryption Modules for Radios ... 1170
- **Headsets, Two-Way Portable 1198**
  - Portable 1198
  - PTT/VOX Adapters 1200
- **Telephone Interconnect & Remote Control 1201**
  - DC Remote Controls 1201
  - DC Remote Termination Panels..... 1202
  - DC-to-Tone Converters 1203
  - Local Extension Dispatcher 1206
  - Remote Cable and Footswitches..... 1211
  - Specialty Remote Systems..... 1206
  - Telephone Interconnect 1201
  - Tone Remotes..... 1203
  - Tone Remote Termination Panels 1205
- **Speakers, Public Address 1211**
  - Amplifiers, Public Address 1211
  - Megaphones & Sirens 1215
  - Speakers 1212
- **Mobile RF Power Amplifiers 1216**
  - Lowband..... 1216
  - VHF 1216
  - UHF 1216
  - 800 MHz..... 1216
- **Voltage Inverters & Converters 1216**
  - Converters, DC-to-DC 1219
  - Converters, Isolated, DC-to-DC..... 1221
  - Converters, Isolated, DC-to-DC, Spike-Prot. 1221
  - Converters, Positive-to-Negative, Ground . 1221
  - Inverters, DC-to-AC 1216
  - Timer Switch..... 1221

Radios-Personal Communications [229-10]

If you are buying these, you might need:

Power Supplies, Table Top. . . . . .page 596
Alkaline, NiCd, Pager Batteries . . . . . .page 1765

Cobra microTALK FRS104 Radio

445152

The Cobra microTALK Family Radio Service radios combine great looks, high performance, and compact design to make it even easier to stay in touch while on the go. The FRS104 Value Pack features:

- UHF/FM for ultra clear reception
- Up to 2 miles range
- 14 channels
- Call alert
- Roger beep tone
- Auto squelch
- Maximum range extender
- Illuminated LCD
- Keystroke tone signal
- Belt clips
- 2 Unit battery charger
- OPERATES ON NICD BATTERY PACK (INCLUDED) OR 4 AAA ALKALINE BATTERIES (NOT INCL.)
- NO LICENSE OR SERVICE FEES

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **445152** 1 EACH	Cobra Electronics FRS104-2VP 1 Year	Cobra value pack. Includes 2 microTALK FRS104 14-channel 2-way radios, 2 NiCD battery packs, and a 2-unit charger.	75.00 1.25 0.57	67.50 57.68 53.55

Cobra micro TALK FRS105 Radio

498166

The Cobra microTALK Family Radio Service radios combines great looks, high performance, and compact design to make it even easier to stay in touch while on the go. The FRS105 features:

- UHF/FM for ultra clear reception
- 500mW output power
- Up to 2 mile range
- 14 channels
- Call alert
- Roger beep tone
- Electronic channel saver to remember the last channel used
- Illuminated LCD
- Keystroke tone signal
- Monitor button
- Speaker/mic jack
- Belt clip holster that also functions as a desk stand
- No license or service fees
- REQUIRES 4 AAA ALKALINE BATTERIES (NOT INCLUDED)
- NO LICENSE OR SERVICE FEES

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **498166** 1 EACH	Cobra Electronics FRS105-2 1 Year	Cobra microTALK FRS 105 14-channel 2-way radios 2-pack. Includes belt clip holsters/desk stands. Requires (4) AAA batteries (not included).	59.80 1 0.45	53.82 45.99 42.70

Cobra microTALK FRS110-2 Radio

455137

The Cobra microTALK Family Radio Service radios combine great looks, high performance and compact design to make it even easier to stay in touch while on the go. The FRS110 features:

- UHF/FM for ultra clear reception
- 500mW output power
- Up to 2 miles range
- 14 channels
- Call alert
- Roger beep tone
- Electronic channel saver to remember last channel used
- Illuminated LCD
- Keystroke tone signal
- Monitor button
- Speaker/mic jack
- Belt clip holster that also functions as a desk stand
- Superflex antenna
- REQUIRES 4 AAA ALKALINE BATTERIES (NOT INCLUDED)*
- NO LICENSE OR SERVICE FEES

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **455137** 2 PACK	Cobra Electronics FRS110-2 MFVP 2 Years	Cobra microTALK FRS 110-2 Value Pack. Includes 2 radios, NiCd rechargable batteries*, dual charger and belt clips. Midnight frost (color).	84.00 4 1.82	75.60 64.60 59.98

Cobra microTALK FRS130 Radio

440161

The Cobra microTALK Family Radio Service radios combine gre looks, high performance, and compact design to make it even ea stay in touch while on the go. The FRS130 Value Pack features:

- UHF/FM for ultra clear reception
- 500mW output power
- Up to 2 miles range
- Earbud microphones
- Call alert
- Roger beep tone
- Auto squelch
- Maximum range extender
- Illuminated LCD
- Keystroke tone signal
- Speaker/mic jack
- Belt clip/wrist straps
- NiCD battery packs
- 2 Unit battery charger
- OPERATES ON NICD BATTERY PACK (INCLUDED) OR 4 AAA ALKALINE BATTER (NOT INCLUDED)
- NO LICENSE OR SERVICE FEES

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW **440161** 2 PACK	Cobra Electronics FRS130-2VP 2 Years	Cobra value pack. Includes 2 microTALK 14 channel FRS130 radios, 2 NiCD battery packs, 2-unit charger, and 2 earbud mics. REQUIRES 4 AAA BATTERIES (NOT INCLUDED) OR 1 NICD BATTERY PACK (INCLUDED) PER RADIO.	90.00 1 0.45

Cobra microTalk PR 950 DX Radio

441313

The Cobra microTALK radios combine great looks, high performance and com design to make it even easier to stay in touch while on the go. The PR950DX fe

- UHF/FM for ultra clear reception
- Switchable output power - 500mW for FRS and 2W for GMRS
- Up to 5 miles range
- 22 channels - 7 GMRS/FRS, 7 FRS, 8 GMRS
- 38 privacy codes
- VOX
- 10 channel memory
- Scan feature
- 10 call tones
- VibrAlert
- Battery saver circuitry
- Water resistant
- Key lock
- Roger beep tone
- Auto squelch
- Maximum range extender
- Illuminated LCD
- Keystroke tone signal
- Speaker/mic jack
- Belt clip
- REQUIRES 4 AAA BATTERIES NOT INCLUD
- FCC LICENSE REQUIRED

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW **441313** 2 PACK	Cobra Electronics PR950-2DX 2 years	The Cobra microTALK PR950DX radio has 7 channels for FRS/ GMRS, 7 for FRS, 8 for GMRS. FCC license is needed. REQUIRES (4) AAA NiMH BATTERIES NOT INCLUDED.	135.00 0.9 0.41

Cobra microTALK PR1100WX Radio

420194

The Cobra microTALK radios combine great looks, high performance and comp design to make it even easier to stay in touch while on the go. The PR1100WX f

- UHF/FM for ultra clear reception
- Switchable output power - 500mW for FRS and 2W for GMRS
- Up to 5 miles range
- 22 channels - 7GMRS/FRS, 7 FRS, 8 GMRS
- 10 NOAA weather channels
- NOAA all weather/homeland emergency alert radio
- 38 privacy codes
- Digital compass
- Clock/stopwatch
- VOX
- 10 channel memory
- Scan feature
- 10 call tones
- VibrAlert
- Water resistant
- Key lock
- Roger beep tone
- Auto squelch
- Maximum range extender
- Keystroke tone signal
- Speaker/mic jack
- Illuminated LCD
- Belt clip
- INCLUDES 4 AAA NIMH BATTERIES AND CHARGER
- FCC LICENSE REQUIRED

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
NEW **420194** 1 EACH	Cobra Electronics PR1100WX 2 years	The Cobra microTALK PR1100WX radio has 7 channels for FRS/ GMRS, 7 for FRS, 8 for GMRS. Also has 10 NOAA weather channels. FCC license is needed. Includes (4) AAA NiMH batteries and wall charger.	120.00 0.9 0.41

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ra FRS Radio Accessories

3036 444000 73752 22145

Cobra innovative, high performance FRS radio accessories.

0538

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
	Cobra Electronics FA-BP 1 Year	NiMH rechargeable battery pack. Up to 20 hours operating time. For FRS 80/ 85/ 100/ 110/ 115/ 220/ 250/ 300/ 305/ 310WX and PR900 FRS radios.	19.95 0.8 0.36	17.96 15.35 14.25
	Cobra Electronics FA-CR 1 Year	Desktop charger for all MicroTalk's with a NiMH battery. Dual ports can charge a battery in the radio or separately in 10 hours. AC/DC operation, car cord and 120V wall charger are included.	23.95 0.8 0.36	21.56 18.42 17.10
	Cobra Electronics MA-SM 1 Year	Lapel speaker microphone. Compact, lightweight design with earphone jack. Fits all MicroTalk radios.	24.95 0.8 0.36	22.46 19.19 17.82
	Cobra Electronics MA-EBM 1 Year	Ear bud and compact microphone with PTT. Fits all MicroTalk radios with speaker/ mic jack.	29.95 0.8 0.36	26.96 23.04 21.39
	Cobra Electronics MA-VOX 1 Year	Voice activated headset with handsfree operation. Adapts to noisy or quiet environments. Provides full control over microphone operation. Fits all MicroTalk radios.	49.95 0.8 0.36	44.96 38.42 35.67

in Rino FRS/ GMRS/ GPS Radios

477149

Garmin Rino 2-way handheld radios provide benefits of the Family Radio Service (FRS) and also the extended range General Mobile Radio Service (GMRS) in combination with Garmin's powerful WAAS-enabled GPS receiver.

it power: 1 watt for GMRS, .5 watt for FRS
it channels: 1-14 FRS (voice and GPS posi-
5-22 GMRS (voice only)
audible squelch codes for semi-private con-
ons
l voice activation (VOX)

it distance: up to 2 miles using FRS, up to 5
sing GMRS
nel, WAAS-enabled GPS receiver
solution, FSTN display, 160 x 160 pixels

roof to IPX-7 standards

mic design for one-handed operation
Click Stick for channel selection and volume
nent (FRS/GMRS) and function selection

to prevent accidental setting changes
crambler for secure communications (Rino

on mode for silent calls

- Call ring function to allow calling between radios
- Built-in basemap for North and South America (Rino 120)
- 8 MB of internal memory for map data (Rino 120)
- 15-hour typical battery life on three AA alkaline batteries (NOT INCLUDED)
- Backlit display
- 500 waypoints with name and graphic symbol
- 20 reversible routes with up to 30 points each, plus TracBack mode
- Trip computer with speed tracking, trip time, and trip distance
- Clock, stopwatch, and alarm functions
- More than 10 position formats and over 100 map datums
- Multiple grid formats including MGRS and Loran TD
- Compatibility with select MapSource CD-ROMs

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
	Garmin Int'l RINO 110	FRS/GMRS 2-way radio with integrated GPS receiver. Includes 1 MB memory, City Point Database, MapSource CD-Rom uploadable, belt clip, lanyard, owner's manual, and quick start guide.	188.40 1 0.45	183.86 181.42 178.97
	Garmin Int'l RINO 120	FRS/GMRS 2-way radio with integrated GPS receiver. Includes 8 MB memory, AMericas Highway and Marine Point Database, PC interface cable, belt clip, lanyard, owner's manual, and quick start guide.	263.20 1 0.45	256.88 253.46 250.04

Garmin Rino Accessories

479186

Get the most out of your Rino with original Garmin accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 497158 1 EACH	Garmin Int'l 010-10344-00	2.5mm to 3.5mm jack adapter	9.70 0.05 0.02	9.45 9.33 9.20
NEW 489169 1 EACH	Garmin Int'l 010-10347-00	Earbud with PTT microphone	24.25 0.25 0.11	23.65 23.34 23.02
NEW 488123 1 EACH	Garmin Int'l 010-10346-00	Flexible ear receiver	9.70 0.1 0.05	9.45 9.33 9.20
NEW 421128 1 EACH	Garmin Int'l 010-10345-00	Headset with boom microphone	14.50 0.25 0.11	14.13 13.94 13.76
NEW 442117 1 EACH	Garmin Int'l 010-10351-00	Bike mount for Rino series	13.70 0.5 0.23	13.38 13.20 13.02
NEW 494132 1 EACH	Garmin Int'l 010-10350-00	Automotive mounting bracket for Rino series	24.25 0.5 0.23	23.65 23.34 23.02
NEW 490119 1 EACH	Garmin Int'l 010-10325-00	Smash guard for Rino series	13.70 0.25 0.11	13.38 13.20 13.02
NEW 479186 1 EACH	Garmin Int'l 010-10117-01	Carry case for Rino series	9.70 0.1 0.05	9.44 9.32 9.19
NEW 462145 1 EACH	Garmin Int'l 010-10326-01	PC data cable for Rino series	28.95 0.1 0.05	28.26 27.89 27.51
NEW 497134 1 EACH	Garmin Int'l 010-10326-02	PC data cable with 12V adapter cable for Rino series	38.10 0.25 0.11	37.18 36.69 36.19
NEW 493120 1 EACH	Garmin Int'l 010-10326-00	12V adapter cable for Rino series	30.50 0.2 0.09	29.73 29.34 28.94
NEW 487189 1 EACH	Garmin Int'l 010-10323-00 1 year	NiMH rechargeable battery kit for Rino series and GPS-MAP 76/76S. Includes 4 AA NiMH cells.	37.75 1 0.45	36.81 36.32 35.83

Kenwood Freetalk FRS Radio

47308 47316

The Kenwood FreeTalk FRS radio offers the ultimate in convenience, thanks to advanced technology and rugged reliability. A quality FRS radio that is built to last.

- Privacy Talk (Voice Scrambling) Mode
- Scan Mode with Auto Channel Select
- In-Range Audible and Visual Indicator
- 4 Call Ring Tones
- Low Battery Alert
- Auto Power Off
- Up to 40 Hours Operation on 3 AA Alkaline Batteries
- Packaged in P.O.S display carton.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
47308 1 EACH	Kenwood Comm. UBZ-LH14BK 1 Year	The Kenwood FreeTalk is a 500 mW BLACK FRS radio with 14 channels and 38 Talk Groups (CTCSS). (3) AA alkaline batteries or UPB-2 NiCd battery are not included.	99.95 0.55 0.25	67.57 64.87 64.67
47316 1 EACH	Kenwood Comm. UBZ-LH14YK 1 Year	The Kenwood FreeTalk is a 500 mW YELLOW FRS radio with 14 channels and 38 Talk Groups (CTCSS). (3) AA alkaline batteries or UPB-2 NiCd battery are not included.	94.95 1.45 0.66	64.19 61.63 61.44

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KENWOOD COMMUNICATIONS

Sell the high-quality, high-value on-site radios, the Kenwood ProTalk® series.

Kenwood ProTalk Radios

Kenwood's ProTalk series of portable business radios are the cost-effective solution for your on-site communications requirements. Rugged and dependable ProTalk radios increase productivity in a wide-range of applications by managing time, personnel and materials efficiently. They can also enhance the security of your staff and facility. Available in a 1-channel or 2-channel VHF model with pre-loaded "dot" business frequencies, or in a 1-channel or 2-channel UHF model with pre-loaded "star" business frequencies, all ProTalk models feature 2-watts of power for up to 5 miles range. ProTalk channels and the 38 privacy codes are programmable by the user. FCC licensing information is included with the radio.

- Die-cast aluminum chassis and polycarbonate case provide exceptional strength for rough handling
- Meets military specifications for temperature extremes, vibration, shock, humidity, dust and light rain
- Small and lightweight (approximately 11 oz. and 5 inches in height)
- Simple operation with rugged controls
- Brass reinforced SMA antenna connector
- Compatible with other brands of "dot" and "star" frequency radios
- Includes slide-on rechargeable battery, desktop charger and spring loaded belt clip
- Two-year warranty

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
485088 1 EACH	Kenwood Comm. TK-2100V1 2 years	Kenwood ProTalk 150-160 MHz 2 watt, 1 channel portable radio. 4 preprogrammed "dot" business frequencies.	259.00 1.5 0.68	175.09 168.10 167.58
467091 1 EACH	Kenwood Comm. TK-2100V9 2 years	Kenwood ProTalk 150-160 MHz 2 watt, 2 channel portable radio. 4 preprogrammed "dot" business freqiencies.	275.00 2.5 1.14	185.90 178.48 177.93
422067 1 EACH	Kenwood Comm. TK-3100U1 2 years	Kenwood ProTalk 450-460 MHz 2 watt, 1 channel portable radio. 8 preprogrammed "star" business freqiencies.	275.00 2.43 1.1	185.90 178.48 177.93
433076 1 EACH	Kenwood Comm. TK-3100U9 2 years	Kenwood ProTalk 450-460 MHz 2 watt, 2 channel portable radio. 8 preprogrammed "star" business freqiencies.	292.00 2.45 1.11	197.40 189.51 188.93

Kenwood FreeTalk XL Radios

Kenwood's FreeTalk XL is a rugged two-way radio designed specifically for the outdoor enthusiast. Whether camping, fishing, hunting, biking, hiking or rock climbing, the FreeTalk XL is essential gear for sports and leisure time activities. The XL has 15 General Mobile Radio Service (GMRS) UHF channels and 38 talk groups. The first 7 channels are also compatible with the first 7 channels of FRS radios such as Kenwoodøs FreeTalk. The XL's 2-watts of power provides up to 5 miles range and its powerful audio lets you clearly hear all transmissions. FCC licensing information is included with the radio.

- Die-cast aluminum chassis and polycarbonate case provide exceptional strength for rough handling
- Meets military specifications for temperature extremes, vibration, shock, humidity, dust and light rain
- Small and lightweight (approximately 11 oz. and 5 inches in height).
- Simple operation with rugged controls
- Brass reinforced antenna port and protected accessory port
- Includes slide-on rechargeable battery, desktop charger and belt clip
- Two-year warranty

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
491093 1 EACH	Kenwood Comm. TK-3101K2 2 years	Kenwood FreeTalk XL 460-470 MHz 2 watt, 15 channel portable radio. 15 preprogrammed GMRS freqiencies.	292.00 1.8 0.82	197.40 189.51 188.93

Kenwood XLS Radios

428153

The ProTalk XLS is the latest member of the ProTalk family of on-site radios. This weight and compact radio has a number of innovative features and is ideal for use retail, restaurant, educational and service industry applications. All the features are menu driven and the lighted display gives the user status icons. The ProTalk XLS H watt of power and has 8 pre-programmed østarø business frequencies. The user choose which one or two of these frequencies to use. There are 38 conventional channels/privacy tones and 83 additional digital sub-channels/privacy tones. The ra comes with a rapid rate drop-in charger, NiMH battery and spring loaded belt clip license information is included with the radio.

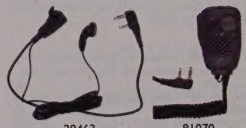
- 2-channel operation (factory pre-set) w/ 8 programmable memory bank frequencies (ProTalk) or 15 GMRS channels (FreeTalk)
- Durable polycarbonate housing
- Small (1.97"W x 1.13" D x 4.63" H) and lightweight (7 oz)
- Over 10 hours talk time (90/5/5 duty cycle)
- User-selectable 1W or 500 mW transmit power
- Channel scan
- User-programmable QT (38) and DQT (83) signaling
- Vibration alert
- Six call tones
- Voice scrambler (not UBZ-LF14/LH-14 compatible)
- Key lock / backlit LCD display
- LCD battery meter and low battery alert
- VOX (voice-activated transmit) with 3 sensitivi levels
- VOX TX delay and busy detect
- Time out timer
- 2-color transmit / busy LED
- Channel up/ down select
- Rotary volume knob
- 3 function keys: menu, call, monitor
- Audio accessory jack
- Fixed, non-removable antenna
- Rechargeable or alkaline (3 AA not included) c ation
- 4.63" high, weighs 7 oz.
- Includes fixed antenna, NiMH battery, spring be clip and drop-in rapid charger

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
428153 1 EACH	Kenwood Comm. TK-3130 1 year	Kenwood ProTalk XLS radio. 1/2 or 1 watt. 2 BRS channel operation (factory pre-set) with 8 preprogrammed "star" business frequiencies.	217.40 1 0.45	1 1 1
460142 1 EACH	Kenwood Comm. TK-3131 1 year	Kenwood FreeTalk XLS radio. 1/2 or 1 watt. 15 GMRS channels.	217.40 1 0.45	1 1 1

Kenwood ProTalk,FreeTalk XL Acc.

78659 77410 44250 24554

18309 42677 27776 78134



29463 81070

All ProTalk accessories are interchangable betwee Talk and FreeTalk XL 2W radios. All ProTalk batte chargers and audio accessories are also compatibl the TK-260/360 business portable line.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
91873 1 EACH	Kenwood Comm. KRA-16M 1 Year	148-162 MHz stubby antenna for TK2100.	13.00 0.1 0.05
78659 1 EACH	Kenwood Comm. KRA-17M 1 Year	450-490 MHz stubby antenna for TK3100/3101.	13.00 0.1 0.05
NEW **471131** 1 EACH	Kenwood Comm. KRA-15M 1 Year	450-490 MHz whip antenna for TK3100/3101.	17.00 0.1 0.05
64196 1 EACH	Kenwood Comm. KNB-15A 1 Year	Battery for TK2100/3100, TK260/360 series. 7.2V, 1100 mAh, NiCd	60.00 0.48 0.22
77410 1 EACH	Kenwood Comm. KNB-14 1 Year	Battery for TK2100/3100, TK260/360 series. 7.2V, 600 mAh, NiCd	45.00 0.5 0.23
44250 1 EACH	Kenwood Comm. UPB-2 1 Year	Battery for FRS Freetalk LF, LH, GM series radios. 3.6V, 700 mAh, NiCd.	24.00 0.5 0.23
NEW **419345** 1 EACH	Kenwood Comm. KNB-27N 1 Year	Battery for TK3130/ 3131. 3.6v, 1300 mAh, NiMH	29.95 0.5 0.23

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ing product table (2 of 2)

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
4 H	Kenwood Comm. KSC-15 1 Year	Overnight (8 hour) single unit drop-in desktop battery charger for TK2100, TK3100, TK260, TK360 series. 120 VAC.	28.00 2 0.91	18.93 18.12
6 H	Kenwood Comm. UBC-4 1 Year	Overnight (8 hour) drop-in charger for Freetalk LF, LH, WX series radios with NiCd UPB-2 battery. Charges battery separately or with it attached to the radio.	25.00 0.71 0.32	16.90 16.23 16.18
V 34 H	Kenwood Comm. KSC-28 1 Year	Rapid drop-in charger for TK3130 and TK3131.	34.95 0.71 0.32	23.63 22.71 22.71
9 H	Kenwood Comm. KMB-14 1 Year	Six unit charger adapter rack. Allows you to charge up to six batteries at one time using KSC-15's or KSC-16's single unit chargers (not included). 120 VAC.	165.00 12.7 5.77	111.54 107.09 106.76
8 H	Kenwood Comm. KBH-8 1 Year	Spring loaded belt clip. For use with TK2100/ 3100/ 3101 radios. Uses the screws from the metal belt clip included with the radio.	8.00 0.06 0.03	5.41 5.20 5.18
5 H	Kenwood Comm. USC-5B 1 Year	Black nylon case for FreeTalk LH, AR, and GR series FRS radios. Includes spring belt clip, LCD window, key access and D ring. Black.	15.00 0.25 0.11	10.14 9.74 9.71
7 H	Kenwood Comm. HMC-3 90 DAYS	Headset with VOX, PTT and flexible boom mic. For LF, LH, AR, GR, WX series and TK2100, TK3100.	56.65 1.5 0.68	38.28 36.75 36.64
8 H	Kenwood Comm. KLH-83 1 Year	Heavy Duty leather case for the Protalk TK2100/ TK3100 and Freetalk XL TK3101 radios. Not for XLS series.	35.00 0.3 0.14	23.66 22.72 22.65
/ 49 H	Kenwood Comm. KLH-84 1 Year	Black nylon case for the Protalk TK2100/ TK3100 and Freetalk XL TK3101 radios. Not for XLS series.	14.00 0.5 0.23	9.47 9.09 9.06
/ 37 H	Kenwood Comm. KLH-113 1 Year	Black nylon case for FreeTalk LH, AR, and GR series FRS radios. Includes spring belt clip, LCD window, key access and D ring. Black.	15.00 0.25 0.11	10.14 9.74 9.71
6 H	Kenwood Comm. KHS-7A 1 Year	Lightweight single muff black headset with swivel flexile boom mic and in-line PTT for TK2100/3100/3130/ 3131and FreeTalk AR/GR series radios.	100.00 0.66 0.3	67.60 64.90 64.70
/ 59 H	Kenwood Comm. KHS-21 90 DAYS	Lightweight over-the-head headset without PTT for TK2100/ 3100/ 3101/ 3130/ 3131.	40.95 0.75 0.34	29.03 29.03 29.03
/ 38 H	Kenwood Comm. KHS-22 90 DAYS	Lightweight behind-the-head headset without PTT for TK2100/ 3100/ 3101/ 3130/ 3131.	40.95 0.75 0.34	29.03 29.03 29.03
4 H	Kenwood Comm. KHS-8BL 1 Year	Two-wire surveillance palm mic with earphone for TK2100/3100/3130/3131 series radios. Black.	99.00 0.2 0.09	66.93 64.26 64.06
3 H	Kenwood Comm. EMC-3 1 Year	Clip mic with earphone for LF, LH, AR, GR, WX series and TK2100/3100/3130/3131.	29.95 0.15 0.07	20.25 19.44 19.38
2 H	Kenwood Comm. KMC-17 1 Year	Heavy duty speaker microphone with built-in 2.5mm miniature earphone jack for TK2100/3100/3130/3131 and FreeTalk AR/GR series radios.	82.00 0.5 0.23	55.44 53.22 53.06
0 H	Kenwood Comm. SMC-34 1 Year	Splash-proof speaker microphone for FRS FreeTalk LF, LH, WX, AR, GR series radios. Enables 3-key remote control and volume control. Belt clip is included.	39.95 1.5 0.68	27.01 25.93 25.85
4 H	Kenwood Comm. KMC-21 1 Year	Compact speaker mic for TK2100/3100/3130/3131 series radios.	49.00 0.5 0.23	33.13 31.81 31.71

orola Talkabout T5320 Radios

Motorola's T5320 FRS radio provides push-of-the-button communications on the go. It keeps you connected with family and friends for up to a two mile range. Experience Motorola quality and clear communications with these features:

- 5 channels
- V transmit power
- le call tones
- onfirmation tone
- nit LED
- l lock
- Backlit LCD display
- Battery meter indicator
- Time out timer
- Single pin audio accessory connector
- Removable swivel belt clip
- REQUIRES 3 AA ALKALINE BATTERIES (NOT INCLUDED)

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1 H	Motorola Inc. T5320ABUR 1 year	Motorola TalkAbout T5320 FRS radio. .5 watt, 14 channel portable radio with swivel belt clip. Napa Burgundy. Requires (3) AA batteries (not included).	29.05 0.37 0.17	25.31 25.00 24.68

Motorola Talkabout T5420 Radios

Motorola's Talkabout T5420 FRS radio makes keeping up with the kids a little easier. Providing push-of-the-button communications on the go, the T5420 keeps family and friends connected for up to a two-mile range at the amusement park, in a football stadium, or on a biking trip. Experience Motorola quality and clear communications with these features:

491313

- Weather-resistant
- 14 FRS channels
- 38 interference eliminator codes
- 500mW transmit power
- 5 audible call tones
- Talk confirmation tone
- 38 segment LCD display with icons
- Transmit LED
- Keypad lock
- Backlit LCD display
- Battery meter indicator with audible low battery alert
- Time out timer
- Single pin audio accessory connector
- VOX hands-free use with accessories
- REQUIRES 3 AA ALKALINE BATTERIES (NOT INCLUDED)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 491313 1 EACH	Motorola Inc. T5420ABLK 1 year	Motorola TalkAbout T5420 FRS radio. .5 watt, 14 channel portable radio with swivel belt clip. Black. Requires (3) AA batteries (not included).	34.55 0.37 0.17	30.09 29.72 29.34

Motorola TalkAbout Accessories

69006 94185 42578 77224

434140

Accessories for Motorola TalkAbout 280SLK. Allows you to personalize your two-way radio.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
17399 1 EACH	Motorola Inc. 53725 1 Year	VOX Over -the-head headset with swivel boom microphone for Spirit GT, GT+, TalkAbout 280SLK, and T5000/T6000 series as well as FR50, FR60, and T289. Transmit by pressing PTT button on radio or use VOX option for handsfree operation.	13.15 1 0.45	11.47 11.31 11.17
69006 1 EACH	Motorola Inc. 53724 1 Year	Speaker/ Microphone for TalkAbout 280SLK and T5000/T6000 series as well as FR50, FR60, and T289. Clips on lapel. Allows you to talk without holding your radio.	35.10 2 0.91	30.61 30.18 29.81
94185 1 EACH	Motorola Inc. 53726 1 Year	Earbud receiver for TalkAbout 280SLK and T5000/ T6000 series as well as FR50, FR60, and T289. Allows you to listen without holding the radio. Very small and comfortable.	8.80 0.1 0.05	7.67 7.57 7.47
42578 1 EACH	Motorola Inc. 53727 1 Year	Earbud with PTT mic for TalkAbout 280SLK and T5000/ T6000 series and Spirit GT as well as FR50, FR60, and T289. Tiny mic attaches to lapel or collar.	21.95 0.25 0.11	19.14 18.88 18.64
80971 1 EACH	Motorola Inc. 53728 1 Year	Flexible ear receiver for TalkAbout 280SLK and T5000/ T6000 series as well as FR50, FR60, and T289. Lightweight earpiece flexes to fit ear contour for hours of comfortable wear.	8.80 0.25 0.11	7.66 7.56 7.46
77224 1 EACH	Motorola Inc. 53720 1 Year	NiMH battery for TalkAbout 280SLK, TA289, and Spirit GT.	27.50 0.5 0.23	23.99 23.66 23.36
434140 1 EACH	Motorola Inc. 56319 1 Year	NiMH battery kit for TalkAbout T6000's. Includes NiMH battery (NTN9395), wall charger (NTN9394), and charging dock (NTN9393).	29.20 2 0.91	25.47 25.12 24.81

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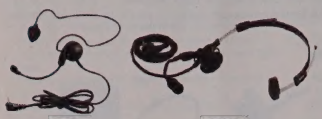
Motorola Spirit GT Radios

52896 39682

The Spirit GT helps put the power of productivity and efficiency at your fingertips. Lightweight (7 oz.) and compact 4" x 2.5" x 1". Standard features include a backlit LCD display, battery meter, audio jack, call tones and advanced voice activation(VOX- with optional accessories).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
52896 1 EACH	Motorola Inc. GT 1 Year	Motorola Spirit GT 464.50-467.925 MHz 1 watt, 1 channel black portable radio. Includes antenna, carry-holder with belt clip, NiMH battery and wall charger.	151.50 1 0.45	132.05 130.40 128.75
39682 1 EACH	Motorola Inc. GT+ 1 Year	Motorola Spirit GT+ 464.50-467.925 MHz 1 watt, 2 channel black portable radio. Includes channel scan, antenna, carryholder with belt clip, NiMH , battery and wall charger.	167.65 1 0.45	146.15 144.33 142.50

Motorola Spirit GT Accessories

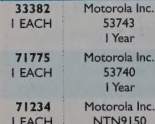


33382 71775

Motorola Spirit GT two-way radio accessories allow businesses to customize their radios to meet their communication needs. They are designed to increase the productivity and flexibilty of your organization. The Spirit GT also shares some accessories with the 280SLK.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
33382 1 EACH	Motorola Inc. 53743 1 Year	Ultralight headset with microphone allows handsfree operation for Spirit GT radio.	47.35 1 0.45	41.31 40.73 40.23
71775 1 EACH	Motorola Inc. 53740 1 Year	Professional headset with swivel boom microphone for FR50, FR60, TA280, T289, and T6000 series radios.	53.50 2 0.91	46.69 46.04 45.47
71234 1 EACH	Motorola Inc. NTN9150 1 Year	120VAC wall charger for Spirit GT radio. 4.2VDC 400mAh output. LED indicates charging status.	23.00 1 0.45	20.08 19.80 19.55

Motorola XTN Radios



433130 471104 460185

Compatible with the M series, the XTN radios are built for everyday industrial use and abuse. They are compact, durable, and designed to work at the touch of a button. The XTN series eXTeNd the capabilities of the M series with:

- Better audio for clearer communications
- Extended range
- Mil spec 810C, D, E, & F
- IP54 for dust and moisture
- Additional frequencies
- 38 coded squelch PL tones
- 83 digital DPL codes
- Standard NiMH battery for longer performance
- Alkaline capability (4 AA cells)
- Cloning capability for rapid deployment
- 4 Call/ Ring tones
- Manager lock
- LCD display
- RSSI Signal strength meter
- VOX with audio accessory on all models
- iVOX on 6-channel radios for complete hands free communication
- Scramble on 2 watt radios

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
487170 1 EACH	Motorola Inc. XV1100 1 Year	Motorola XTN series VHF 1 watt, 1 channel portable radio. Includes antenna, wall charger, NiMH battery and carry holster.	199.25 3 1.36	173.66 171.50 169.33
489166 1 EACH	Motorola Inc. XV1100Y 1 Year	Motorola XTN series VHF 1 watt, 1 channel portable radio. Includes antenna, wall charger, NiMH battery and carry holster. YELLOW.	199.25 3 1.36	173.66 171.50 169.33
416144 1 EACH	Motorola Inc. XV2100 1 Year	Motorola XTN series VHF 2 watt, 1 channel portable radio with voice scramble. Includes antenna, wall charger, NiMH battery and carry holster.	248.05 3 1.36	216.23 213.53 210.83
417179 1 EACH	Motorola Inc. XV2600 1 Year	Motorola XTN series VHF 2 watt, 6 channel portable radio with voice scramble, channel scan, and IVOX (handsfree w/o use of headset). Includes antenna, wall charger, NiMH battery and carry holster.	293.10 3 1.36	255.49 252.31 249.12
423150 1 EACH	Motorola Inc. XU1100 1 Year	Motorola XTN series UHF 1 watt, 1 channel portable radio. Includes antenna, wall charger, NiMH battery and carry holster.	225.25 3 1.36	196.37 193.92 191.47
433130 1 EACH	Motorola Inc. XU2100 1 Year	Motorola XTN series UHF 2 watt, 1 channel portable radio with voice scramble. Includes antenna, wall charger, NiMH battery and carry holster.	277.35 3 1.36	241.75 238.73 235.72

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
471104 1 EACH	Motorola Inc. XU2100Y 1 Year	Motorola XTN series UHF 2 watt, 1 channel portable radio with voice scramble. Includes antenna, wall charger, NiMH battery and carry holster. YELLOW.	277.35 3 1.36	241. 238. 235.
460185 1 EACH	Motorola Inc. XU2600 1 Year	Motorola XTN series UHF 2 watt, 6 channel portable radio with voice scramble, channel scan, and IVOX (handsfree w/o use of headset). Includes antenna, wall charger, NiMH battery and carry holster.	302.85 3 1.36	264. 260. 257.

Motorola Spirit and XTN Accessories

76500 68481 15697 15172

466143 62308

Motorola Spirit two-way radio accessories allow businesse customize their radios to meet their communication needs They are designed to increase the productivity and flexibilt your organization.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
498183 1 EACH	Motorola Inc. HLN9132 1 Year	In ear earbud receiver for Spirit HP series radios.	25.90 0.5 0.23	22. 22. 21.
479167 1 EACH	Motorola Inc. HMN9036 1 Year	Earbud receiver with clip mic and PTT for Spirit HP series radios.	48.35 1 0.45	42. 41. 41.
18123 1 EACH	Motorola Inc. HMN9025 1 Year	Earbud receiver with PTT mic for XTN and Spirit S and M series radios. Tiny mic attaches to lapel, collar or sleeve.	42.80 1 0.45	37. 36. 36.
76500 1 EACH	Motorola Inc. HMN9026 1 Year	Speaker/ Microphone for XTN and Spirit S and M series radios. Clips on lapel. Allows you to talk without holding your radio.	44.20 2 0.91	38. 38. 37.
68481 1 EACH	Motorola Inc. HMN9038 1 Year	VOX headset with swivel boom microphone for XTN and Spirit MV/MU 21/22/24 radios. HMN9037 (SKU 55267) VOX adapter is required for S series or MV11C series radios. Can also be used with radio PTT button.	53.50 1 0.45	46. 46. 45.
16874 1 EACH	Motorola Inc. HMN9039 1 Year	VOX headset with earpiece/microphone for XTN and Spirit MV/MU 21/22/24 radios. HMN9037 (SKU 55267) VOX adapter is required for S series or MV11C series radios. Can also be used with radio PTT button. Hangs on ear for hard hat users.	50.95 1 0.45	44. 43. 43.
460192 1 EACH	Motorola Inc. HMN9013 1 Year	Headset with boom microphone for Spirit HP radios.	58.80 1 0.45	51. 50. 49.
446139 1 EACH	Motorola Inc. HMN9030 1 Year	Remote speaker microphone for Spirit HP radios.	72.00 1 0.45	62. 61. 61.
15697 1 EACH	Motorola Inc. PMNN4002 1 Year	High capacity NiCd battery for Spirit SU/SV 4 or 5 watt series radios. Lasts 8 to 13 hours per charge.	38.25 1 0.45	33. 32. 32.
469155 1 EACH	Motorola Inc. 53879 1 Year	XTN 6 unit multi-charger with cloning.	192.00 2 0.91	167 165 163
38107 1 EACH	Motorola Inc. HTN9205 1 Year	Spirit 3 hour desktop charger kit. Charges radio with battery or just the battery, 120VAC. For M and S series radios.	53.50 2 0.91	46. 46. 45.
446197 1 EACH	Motorola Inc. HTN9067 1 Year	3 hour six-bay charger for Spirit HP series radios.	576.45 4 1.82	503 496 489
15172 1 EACH	Motorola Inc. HLN9309 1 Year	10 hour wall charging adapter/ power supply for Spirit S, M, and HP series. Can be plugged into the side of the radio, used with a charging tray or multi-charger kit.	9.15 0.41 0.19	7. 7. 7.
27662 1 EACH	Motorola Inc. HTN9204 1 Year	10 hour drop-in charger tray for Spirit S and M series radios. 120V wall charging adapter (TESSCO sku 15172) sold separately. Can also be used to charge a spare NiCd battery.	18.25 0.35 0.16	15 15 15
466143 1 EACH	Motorola Inc. 53872 1 Year	10 hour drop-in charger tray for XTN series radios.	19.85 2 0.91	17 17 16
456127 1 EACH	Motorola Inc. 53874 1 Year	Replacement 10 hour wall adapter charger for XTN series radios.	9.15 2 0.91	7. 7. 7.
88736 1 EACH	Motorola Inc. COW2 1 Year	Leatherette case with belt loop for Spirit S (not SU/SV) and M series radios.	17.45 0.28 0.13	15 15 14

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product table (2 of 2)

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Motorola Inc. COW2S 1 Year	Leatherette case with swivel belt loop for Spirit S and M series radios.	29.50 0.75 0.34	25.74 25.39 25.07
Motorola Inc. COWHP 1 Year	Leatherette case with belt loop for Spirit HP series radios.	17.45 0.27 0.12	15.21 15.00 14.82
Motorola Inc. COWXTN 1 Year	Leatherette case with belt loop for Spirit XTN series radios.	17.45 0.75 0.34	15.21 15.00 14.82
Motorola Inc. HKLN4172 1 Year	Replacement holster for Spirit XTN series radios.	7.20 0.25 0.11	6.27 6.18 6.11
Motorola Inc. PMLN4124 1 Year	Spring action belt clip for Spirit S and M series radios.	3.60 0.1 0.05	3.11 3.07 3.03

rola High Power Spirit Radios

475160

The Spirit High Power Performance radios are designed to meet the demands of the modern workplace. They are compact, durable and designed to work at the touch of a button. Pre-programmed for quick access to ten channel/PL code combinations or can also be custom programmed. Standard features include automatic channel scan,coded squelch, hi/lo power button and multi-function backlit LCD dsiplay.

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Motorola Inc. HPV510 1 Year	Motorola Spirit HP series VHF 5 watt, 10 channel portable radio preprogrammed to Spirit BRS frequencies. Includes antenna, wall charger, NiCd battery and belt clip.	388.25 3 1.36	338.45 334.23 330.00
Motorola Inc. HPU410 1 Year	Motorola Spirit HP series UHF 4 watt, 10 channel portable radio preprogrammed to Spirit BRS frequencies. Includes antenna, wall charger, NiCd battery and belt clip.	416.20 3 1.36	362.81 358.28 353.75

Radios-LMRS [229-12]

ultiplier

Multiplier, offering an extensive line of NiCd, NiMH, Li-Ion, and Factory Mutual-approved, intrinsically safe batteries for standard, custom and OEM applications, including two-way, cellular and PCS.

nd Syn-Tech Bantam Mobiles

The Bantam line offers rugged performance at a reasonable price. 20 channels, each with CTCSS, DCS, or CS. 12.5, 25, or 30 kHz channel spacing programmable by channel. Wide band operation. 2.5 kHz channel steps. Fast, 40 channel/second scanning. 25 Watt output. Time-out-timer, Busy lock-out.

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Midland 70-1337B 1 Year	VHF Bantam radio. 150-174 MHz. 15 to 30 Watts adjustable output. 1.1 lbs. 1.6"H x 6.3"W x 3.9"D. Includes wiring harness, bracket, microphone.	399.95 6 2.73	399.95 399.95 399.95

Midland Bantam Mobile Accessories

Accessories for the Bantam series of mobile radios enhance their utility and expand their capabilities.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
63400 1 EACH	Midland 70-2355 1 Year	15 Watt External Remote Speaker. Speaker is not amplified.	39.00 1.5 0.68	36.00 33.43 31.20
31862 1 EACH	Midland 70-1311 1 Year	Replacement DC Power Cord for Midland Bantam series Mobile Radios.	12.50 0.25 0.11	11.54 10.72 10.00
50186 1 EACH	Midland 70-2328A 1 Year	Replacement Microphone for Midland Bantam series Mobile Radios. Identical to unit shipped with radio.	35.00 0.75 0.34	32.31 30.00 28.00

Midland Bantam Mobile Accessories

Service accessories for programming and maintaining Bantam mobile radios.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
23758 1 EACH	Midland 70-1037 1 Year	Programming Kit for Midland Bantam series Mobile Radios. Includes 3.5" disk, manual, and PC interface cable.	100.00 0.25 0.11	92.30 85.70 80.00
62151 1 EACH	Midland 70-133700 1 Year	Service Manual for the 70-1337B VHF Bantam mobile radio.	30.00 1 0.45	27.69 25.71 24.00
10544 1 EACH	Midland 70-152700 1 Year	Service Manual for the 70-1527B UHF Bantam mobile radio.	30.00 1 0.45	27.69 25.71 24.00

Midland Syn-Tech Bantam Portables

Bantam Portable Radios give reliable hand-held performance at low-cost. 10 Channels with CTCSS or DCS. 12.5/15 or 25/30 KHz channel spacing programmable by channel. Wide Bandwidth operation. Normal and priority scan. Easy cloning capability. Preset squelch. Includes battery & antenna.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
17980 1 EACH	Midland 70-170B 1 Year	VHF Bantam Portable Radio. 150-174 MHz. 5 Watts/1 Watt output. 12.5 oz. 5.25"H x 2.5"W x 1.5"D. Includes 1100 mAH battery and antenna.	329.00 2 0.91	329.00 329.00 329.00

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Midland Bantam Portable Accessories

Accessories for the Bantam series Portable Radios enhance their utility and expand their capabilities.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
83583 1 EACH	Midland 70-M70 1 Year	Speaker-Mic for Bantam portable radios.	29.00 0.75 0.34	26.77 24.86 23.20
34474 1 EACH	Midland 70-C70R 1 Year	1 Hour charger for Bantam portable radios. 120 VAC.	59.00 1.95 0.89	54.46 50.57 47.20
86081 1 EACH	Midland 70-B170 BATTERY 1 Year	1100 mAH Ni-Cd Battery for Bantam Portable Radios.	43.25 0.38 0.17	39.92 37.07 34.60
21260 1 EACH	Midland 70-CL70 1 Year	Belt Clip for Bantam portable radios.	5.00 0.1 0.05	4.62 4.29 4.00

Midland Bantam Portable Accessories

Service accessories for programming and maintaining Bantam portable radios.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
70369 1 EACH	Midland 70-1474 1 Year	Programming Kit for Bantam portable radios. Includes software, programming cable and manual.	80.00 0.75 0.34	73.84 68.56 64.00
96797 1 EACH	Midland 70-1471 1 Year	Cloning cable for Bantam portable radios. Simplifies duplicating settings on two or more portable radios.	11.00 0.1 0.05	10.16 9.43 8.80
45190 1 EACH	Midland 70-B270 1 Year	Battery Jig for Bantam portable radio batteries. Allows power to the radio during testing without using a battery.	28.00 0.1 0.05	25.85 24.00 22.40

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DTMF Decoders [120-24]

ninature DTMF decoder

Selectone subminature DTMF decoder for selective calling and remote control via a wire line or radio. Uses surface mount and uP technology. Small size 1.5L x .85W x .25H is made for the smallest two way radios. No restrictions on the use of repeated digits in the address providing 250,000,000 unique addresses. Group/ All call, Radio Kill, Call Alert Tone, Transpond Acknowledge and remote reset are other additional features. Requires ST954 cable and ST809PM (windows or DOS software).

Manufacturer Mfg. P/N Warranty	Dimensions	Sequence	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Comm. Specialists ST809B 1 YEAR	1.5Lx.85Wx.25H	1 to 7 repeatable digits	95.95 0.06 0.03	59.95 58.46 57.56
Comm. Specialists ST809PM 1 YEAR	Required for ST809B	ST809B Program Manager	10.60 0.13 0.06	6.60 6.44 6.34

Sub-Audible CTCSS [120-35]

o-mini Programmable CTCSS

Encoder generates CTCSS tones and connects to the transmit circuitry of a radio transceiver. Offers high frequency accuracy and stability. Tone output level is adjustable.

Manufacturer Mfg. P/N Warranty	Tone Selection	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Comm. Specialists SS-64 1 yr.	A total of 64 subaudable tones can be selected. Non-standard programming is accomplished by soldering jumper wires.	45.85 0.02 0.01	28.95 28.38 27.51

le CTCSS Encoder

Self-contained encoder connects to a point before the modulator stage of a radio. Unit is enclosed in a high impact plastic case. Includes mounting bracket and hardware.

Manufacturer Mfg. P/N Warranty	Tone Selection	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Comm. Specialists TE-32 1 yr.	32 group A tones from 67.0 to 203.5 Hz. 12 are chosen with a rotary switch, toggle switch is used to select between upper and lower range tones.	79.10 0.1 0.05	49.95 48.96 47.46
Comm. Specialists TE-32D 1 yr.	32 group A tones from 67.0 to 203.5 Hz. 12 are chosen with a rotary switch, toggle switch is used to select between upper and lower range tones. LED display shows tones.	169.45 0.7 0.32	107.00 104.86 101.65

ammable CTCSS Encoder/Decoder

Device provides connections to squelch circuits to unmute receiver on decode, and generate tones once push-to-talk is activated. Time-out timer limits transmissions to set length. Busy tone produced for time-out or busy channel conditions. Features high pass filter to remove tones from recovered audio, monitor hookswitch connections, squelch tail elimination, adjustable output level and flying leads.

Manufacturer Mfg. P/N Warranty	Tone Selection	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Comm. Specialists TS-64 1 yr.	37 EIA and 27 non-standard tones over range of 33.0 to 254.1 Hz. Jumper selectable.	87.05 0.1 0.05	54.95 53.86 52.21
Comm. Specialists TS-64DS 1 yr.	37 EIA and 27 non-standard tones over range of 33.0 to 254.1 Hz. Dip switch programmable.	91.80 1 0.45	57.95 56.80 55.06

Plug-In Encoders/Decoders [120-36]

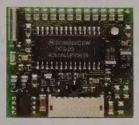
Programmable CTCSS Encoder/Decoder

Unit connects to transceiver to unmute audio on decode, and to generate CTCSS tones. Features high pass filter to remove tones from received audio, output to monitor hookswitch. Can be adapted to allow tone changes from a remote Icoation. 32 EIA tones from 67 to 203.5 Hz are dip-switch selectable. Non-standard tones can be programmed with HHP-1 programmer.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radios	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
90822 1 EACH	Comm. Specialists TS-64MSTII 1 yr.	GE Mastr II	106.05 0.1 0.05	66.95 65.62 63.61
21784 1 EACH	Comm. Specialists TS-64MCR 1 yr.	Motorola Micor	106.05 1 0.45	66.95 65.62 63.61

Digital Coded Squelch [120-37]

DCS Encoder/Decoder



Encoder/decoder connects to the squelch circuits of radios. Generates DCS code on activation of push-to-talk, and unmutes on receipt of proper code. Features squelch tail elimination, adjustable output level and switchable polarities. Provides high pass filter and microphone hang-up input. Connects to equipment via nine color-coded wires.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Tone Selection	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
56256 1 EACH	Comm. Specialists DCS-23 1 yr.	All 512 octal codes (23-bit Golay at 134.4 Hz rate) are jumper selectable.	94.95 0.1 0.05	59.95 58.76 56.96

Shared Repeater Panels [120-50]

LTR Trunking Repeater Manager

For "dispatch only" channels on any Logic Trunked Repeater (LTR). The LT-4200 is fully self contained and includes Logic Control Unit, Validator, Billing Data Generator, and System Manager. Features: Two line/16 character LCD displays ID code of current user, RX/TX status, repeater status, dip switch settings, error codes, repeater status, built in test and more. RS-232 ports, cloning, CW ID, alarms, 20 channel maximum, 250 ID's per channel, 5000 ID's per system. Includes programming software and instruction manual.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Tone/Users	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
21603 1 EACH	Connect Systems LT-4200 1yr	LTR Trunking Repeater Manager.	781.55 5.5 2.5	733.87 672.13 654.94

Shared Repeater Tone Panel

86758

Full-featured panel acts as a tone and control interface between receiver and transmitter of a repeater. Unit records time and hit accumulation per subscriber and generates airtime loading graphs. All user data output and programming is via DTMF touch tone phone or other input/output. Lots of features including LED mode indicators, carrier access mode, remote or local enable/disable, tone/code regeneration, 19" rack or desk top versions, low power lights.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Tone/Users	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
86758 1 EACH	Comm. Specialists TP-3200RM-B1 1 yr.	51 CTCSS tones, 106 DCS codes, accommodating 157 subscribers, RS-232 Input/Output data port, 19" rack	443.30 4.35 1.98	279.95 274.36 265.96
13819 1 EACH	Connect Systems TP-154 1 yr (L) 5 (P)	38-50 CTCSS tones, 104 DCS codes, supports 154 subscribers. Decode time 250 msec. Hog time. 19" panel	394.65 4.36 1.98	370.55 339.38 330.70

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Paging Encoders, Receivers and Modems [120-52]

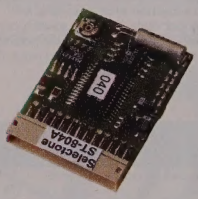
Desktop Paging Encoders

Desktop encoder offers a 1000 call paging capacity and a 100 call mode. Tones or codes are chosen with the built-in keypad and settings are stored in non-volatile memory. LED display shows selected pager codes, and lamps indicate operating modes. Features automatic push-to-talk keying of transmitter, auto microphone muting, single key repage, test tone and selectable pre-transmit delay. Pager codes used can be output to a non-RS232 serial printer.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Tone Selection	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
65723 1 EACH	Comm. Specialists PE-1000A 1 yr.	Two-tone sequential format. Handles any combination of tones from Motorola groups 1-6,A,B,Z and GE A,B,C.Compatible with QC II, 99, 1+1. Features group call.	356.20 2.3 1.05	224.95 220.46 213.71
90902 1 EACH	Comm. Specialists PE-1000D 1 yr.	Factory programmed with chosen tones. Specify frequencies and tone group placement. Example: if GEA tones are unused, have new tones put in this group.	395.80 1 0.45	249.95 244.96 237.46

ANI/Status Systems [120-55]

ANI/ENI Encoder



Encoder generates ANI (automatic number identification) series on activation and/ or release of push-to-talk. ENI (emergency NI) can be generated by grounding line. Codes recognized by separately purchased control station decoder. Features mic mute during code generation and time out timer with alarm to limit air time and stuck mic. Adjustable values include ANI transmit occurrences, ENI re-transmit time, open mic time after ENI, and signal level/speed (.5-20 dps). *Programmed with your PC using ST804PM Software and ST954B Cable.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
53135 1 EACH	Comm. Specialists ST804A 5 yrs.	DTMF,burst,2Tone. 1-15 digit with all 16 charcters.*	95.95 0.11 0.05	59.95 58.46 57.56
97163 1 EACH	Comm. Specialists ST804PM	Program manager software for ST804 encoder.	10.60 0.11 0.05	6.60 6.44 6.34
60201 1 EACH	Comm. Specialists ST954B	Programming cable for ST25,ST50,ST804	25.55 0.5 0.23	15.95 15.56 15.32

ANI/ENI Decoder with Display

Desktop decoder interprets incoming tones and shows sequence on 8-digit alphanumeric LED display. Stores eight codes in non-volatile memory. Features internal buzzer for ANI/ENI, external alarm output, time/date recorder, and speaker muting to remove tones. Programmable settings include ANI/ENI prefix digit, delay digits to accomodate other signalling, display blanking timer, and output data format. Includes keypad for programming, and parallel and serial ports to interface with printer or computer. Connects to radio via 7' of 8-cond. cable

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
33008 1 EACH	Comm. Specialists ST888 5 yrs.	DTMF, decodes 1-8 digit sequences with all 16 chars.	798.40 2.36 1.07	499.00 486.53 479.04

Morse Code Identifiers [120-80]

Are you certified to sweep RF lines?

Line Sweeping and Spectrum Analysis. . . . . page 14

Cable System Analyzers. . . . . page 14

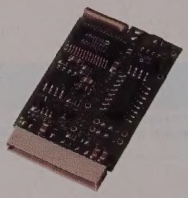
Automatic Morse Station Identifier

Morse code generator allows a message to be cr manually or automatically. Manual mode triggered push-to-talk, carrier operated relay or other sour Auto mode generates code on selectable interval Code is generated by switchinga continuous wave either internally or via PTT. The programmable fe include transmit interval, delay time, code speed, tone frequency, and courtesy tone to signal end c transmission. Meets FCC identification requireme

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Format	List ($) Wt. (lbs) Wgt. (kg.)	T
94150 1 EACH	Comm. Specialists ID-8 5 yrs.	1-8 messages depending on length, max. 216 characters. All 46 morse symbols are available. Codes programmed using included keypad, stored in non-volatile memory, and jumper selectable.	110.80 0.1 0.05	6 6 6

Voice Encryption Modules for Radios [122-10]

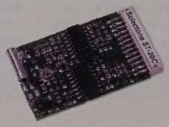
High-Level Mini Encryption Module



Board generates and decyphers encrypted signals selects transmit mode-either clear or encryption. received signals, module will recognize signal type automatically select clear or decryption mode. Cl non-encryption radios function normally in syster all radios operating in secure mode must have mo Mode and stored codes selected using PTT, monit other switch. Key-up delay and signalling compatil Requires ST954 or ST954B cable and ST25PM so ware.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
73493 1 EACH	Comm. Specialists ST25B 5 yrs.	268 million keypad programmable codekeys. One to four codes stored innon-volatile memory, allowing contact with up to 3 secure groups.	238.40 0.8 0.36	1- 1- 1-
89923 1 EACH	Comm. Specialists ST25PM	Programming software for ST25B and ST25BGP.	31.95 0.11 0.05	1 1 1

Basic Scrambler Module



Scrambler provides basic protection from casual eavesd pers by inverting carrier frequencies. User selects trans and receive mode, either clear or encrypted, with one The correct mode must be chosen for intelligible comm cations. Completely compatible with such signalling me as DTMF and CTCSS. Connections made with 18" flyin leads.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
46276 1 EACH	Comm. Specialists ST20C 5 yrs.	8 jumper-selectable inversion codes. Features CTCSS bypass filter	159.95 1 0.45	9 9 9
75087 1 EACH	Comm. Specialists ST20B 5 yrs.	8 jumper-selectable inversion codes.	127.95 0.08 0.04	7 7 7

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Desk Microphones [225-55]

f you are buying these, you may need:

ublic Address Amplifiers. . . . . .page 1211
peakers . . . . . .page 1212

lulink Preamplified Omni Mic

Transistorized black base station microphone. Designed for optimum voice clarity. Can replace dynamic or ceramic, high-or-low impedance microphones. Externally adjustable output level. Can be operated in either amplified or non-amplified mode. For direct connection to a mobile or base station radio. ORDER THE MODULINK CORDSET SEPARATELY* (see section 225/58).

Manufacturer Mfg. P/N Warranty	Frequency Response PTT Switch	Impedance (Ohms) Recommended Load	Output Level Cable Length/ Conductors	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Shure Comm. Inc. 550T SERIESII 2 Years	200-4500 Hz Split Bar	200 ohm N/A	16 mv/.30V None*	120.65 3 1.36	72.38 67.07 62.73

lulink Microphone for SEA Radios

Transistorized base station microphone for SEA ESP504 and 520 radios. ORDER MODULINK CORDSET ALM37 (80533) SEPARATELY.*

Manufacturer Mfg. P/N Warranty	Frequency Response PTT Switch	Impedance (Ohms) Recommended Load	Output Level Cable Length/ Conductors	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Shure Comm. Inc. 550TSB SERIESII 2 Years	200-4500 Hz Split Bar	200 ohm N/A	16.0 mV None	119.20 1.98 0.9	71.52 66.28 61.99

irectional Microphone

Dynamic-type microphone features a cardioid pickup pattern to reject sounds from the back and sides of the mic. Telescoping neck raises or lowers the head. Lever switch to change between high and low impedance. Commonly used in noisy environments such as dispatch applications.

Manufacturer Mfg. P/N Warranty	Frequency Response PTT Switch	Impedance (Ohms) Recommended Load	Output Level Cable Length/ Conductors	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Shure Comm. Inc. 522 2 Years	60-11000 Hz Momentary/Lock	260/15000 ohms 1/100 kilohms	.12/1.5 7' (4)	154.55 2.93 1.33	92.72 85.92 80.35

Mobile Microphones [225-56]

pact Microphone

19396 93495

Handheld microphone features omnidirectional reception pattern, push-to-talk switch and coiled cord. Includes mounting bracket to mate with hang-up button. Bare leads, no radio connector.

g product table (1 of 2)

Manufacturer Mfg. P/N Warranty	Frequency Response Transducer Type	Impedance (Ohms) Recommended Load	Output Level Cable Length/ Conductors	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Shure Comm. Inc. 514B 2 Years	100-6000 Hz Dynamic	200 ohms nom. 1000 ohms	15 mV 5' 1.52m (4)	76.35 0.85 0.39	45.81 42.45 39.70

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Response Transducer Type	Impedance (Ohms) Recommended Load	Output Level Cable Length/ Conductors	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
19396 1 EACH	Shure Comm. Inc. 527B 2 Years	300-5000 Hz Dynamic	195 ohms 1000 ohms	21 mV 6' (4)	80.30 1.16 0.53	48.18 44.65 41.76
93495 1 EACH	Shure Comm. Inc. 596LB 2 Years	200-5000 Dynamic	400 ohms 1000 ohms	28 mV 5' (4)	50.30 0.25 0.11	30.18 27.97 26.16

Noise-Cancelling Microphone

43326

Microphone offers noise cancellation for such applications as paging installations in extremely noisy environments. Includes mounting bracket to mate with hang-up button. Bare leads, no radio connector.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Response Transducer Type	Impedance (Ohms) Recommended Load	Output Level Cable Length/ Conductors	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
43326 1 EACH	Shure Comm. Inc. 577B 2 Years	100-5000 Hz Dynamic	175 ohms	5 mV 6' 1.83m (4)	138.90 1.12 0.51	83.32 77.21 72.21

Handheld Microphone

83167

Handheld microphone features push-to-talk button. Bare leads, no radio connector.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Response Transducer Type	Impedance (Ohms) Recommended Load	Output Level Cable Length/ Conductors	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
83167 1 EACH	CSI/Speco DM520 90 days	na NA	500 ohms -	na 5' (5)	16.50 0.48 0.22	9.57 9.41 9.24

Dispatch "Gooseneck" Microphones [225-57]

Omnidirectional Microphone-Only

69754

Dynamic-type microphone for applications where noise levels are minimal. Requires a 5/8"x27 gooseneck and mounting flange, which must be ordered separately (see microphone accessories section 225/59).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Response Push-to-talk	Impedance (Ohms) Recommended Load	Output Level Cable Length	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
69754 1 EACH	Shure Comm. Inc. 561 2 Years	40-10000 Hz None	200 ohms 1000 ohms	0.13 mV 4' (2)	130.25 0.61 0.28	78.15 72.42 67.73

Unidirectional Mic w/Gooseneck

84217

Rugged dynamic microphone features an all-metal grille and shock-mounting to protect it in heavy-duty usage. Includes 18" gooseneck (G18) and 3" mounting flange.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Response Push-to-talk	Impedance (Ohms) Recommended Load	Output Level Cable Length	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
84217 1 EACH	Shure Comm. Inc. 515SB-G18X 2 Years	80-13000 Hz Momentary	170 ohms 1000 ohms	0.08 mV 4.25' (4)	109.05 2.57 1.17	65.43 60.63 56.71

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Unidirectional Microphone-Only

Dynamic-type transducer mic designed for applications where voice fidelity is a prime consideration. 5/8"-27 goose-neck and mounting flange must be ordered separately (see microphone accessories section 225/59).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Response Push-to-talk	Impedance (Ohms) Recommended Load	Output Level Cable Length	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 491385 1 EACH	Shure Comm. Inc. VR300 2 Years	100-7000 Hz None	150 ohms 1000 ohms	.08 mV 4' (2)	111.80 0.61 0.28	67.08 62.16 58.14

Microphones/ Speaker Microphones [225-58]

If you are buying these, you may need:

Pencil Soldering Irons, Soldering Gun . . . . . .page 1667

Speaker Microphone

36917

Shoulder-worn speaker microphone is designed for the most demanding use. Features: sealed and gasketed design, rugged ARMO-DUR case, silver plated Million-Cycle PTT switch, 2.5mm earphone jack for private listening, sturdy clothing clip that rotates360 deg. with detents every 45 deg. and a two way high/low volume switch. Requires specific speaker microphone ALM series MODULINK radio cordest*

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36917 1 EACH	Shure Comm. Inc. 810 2 Years	Requires specific speaker microphone ALM cordset. Cannot be used with standard ALM series microphone cordest.*	89.95 0.5 0.23	53.97 53.50 53.50

Cordset-810 Modulink Speaker Mic

Plug-in cordsets provide connection in a "snap". One end of the 5' extended five conductor (one shielded) coiled cord has a modular plug for direct connection to the Shure Modulink Model 810 speaker microphone. The other end has a connector for the radio.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
69065 1 EACH	Shure Comm. Inc. ALM1 1 year	Bare leads with NO RADIO CONNECTOR. For use with 810 microphone only.	23.60 0.38 0.17	14.15 13.11 12.27
99240 1 EACH	Shure Comm. Inc. ALM52 1 year	Icom, Yaesu, RELM, Maxon, Alinco, Motorola Free Spirit portable radios. (2) pin connector. For use with 810 microphone only.	35.40 0.35 0.16	21.22 19.66 18.39
86026 1 EACH	Shure Comm. Inc. ALM53 1 year	Kenwood portable radios. (2) pin connector. For use with 810 microphone only.	35.40 0.35 0.16	21.22 19.66 18.39
35668 1 EACH	Shure Comm. Inc. ALM51 1 year	Motorola Radius portable radio. (2) pin connector. For use with 810 microphone only.	35.40 0.35 0.16	21.22 19.66 18.39

DTMF Encoder Microphone

Microphones feature pure audible DTMF side tone and large, snap-dome keys on the backlit keypad. Push-to-talk switch isactivated manually or by depressing a key. Capable of burst or continuous tone. Includes 6' coiled urethane cord. Mic has separately adjustable outputs for tone and voice. Filters and regulates power to prevent extraneous noise.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
76410 1 EACH	CES Wireless 600L 1 year	No connector supplied, bare leads.	135.00 0.53 0.24	81.00 74.93 73.58
61947 1 EACH	CES Wireless 600LEFJM 1 year	EF Johnson Challenger & 8600 series.	151.00 0.57 0.26	90.60 83.81 82.30

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Model	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
75161 1 EACH	CES Wireless 600LGE 1 year	Ericsson/GE Phoenix, Century II, MCS, MLS, TMX-8300	151.00 0.57 0.26	9 8 8
48733 1 EACH	CES Wireless 600LKENM 1 year	Kenwood TK-710, 810, 820, 830.	151.00 0.57 0.26	9 8 8
97732 1 EACH	CES Wireless 600LMXM 1 year	Maxon SM4150, SM4450/GE Monogram	151.00 0.57 0.26	9 8 8
35519 1 EACH	CES Wireless 600LRAD 1 year	Motorola Maxtrac, Radius series	161.00 0.56 0.25	9 8 8
87126 1 EACH	CES Wireless 600LUNIDEN 1 year	Uniden all models and Standard GX1510U.	151.00 0.57 0.26	9 8 8

Heavy Duty DTMF Encoder Mics

Rugged microphone generates true audible DTMF sidet Features oversized, snap-dome keys on the backlit keyp Push to talk button activated manually or by touching p lighting LED transmit indicator. Selectable tone length fr 150 ms to continuous. Signal level can be altered by acc tuning ports. 6' dual shielded coiled cord with strain rel included.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Model	List ($) Wt. (lbs) Wgt. (kg.)	T T T
98765 1 EACH	CES Wireless 805 1 year	No connector supplied, bare leads.	165.00 1.38 0.63	9 9 8
13325 1 EACH	CES Wireless 805MIS 1 year	Midland Syntech II	184.00 1.38 0.63	1 1 1
60132 1 EACH	CES Wireless 805YSM 1 year	Yaesu Vertex, FTL2011, FTL7011	181.00 1 0.45	1 1 9

Manual-Dial DTMF Modulink Mic

55291

Microphone features continuous DTMF tone dialing and audibleconfirmation Audio and DTMF levels are externally adjustable. Positive tactile-feel keys are minated. Offers push-to-talk switch and virtually indestructable case. Require ModuLink cordset to interface with radio*.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Model	List ($) Wt. (lbs) Wgt. (kg.)	T T T
55291 1 EACH	Shure Comm. Inc. 885TT 2 Years	Manual dial DTMF mike head. REQUIRES MODULINK CORDSET*.	198.40 0.6 0.27	1 1 1

Noise Cancelling Modulink Mic

67227

Noise cancelling electric condenser microphone designed to provide clear trans sions in noisy environments. Rugged case with push-to-talk switch. Features bidi tional pickup pattern and transistor amplifier. Includes mounting bracket to mat hang-up button on the back of the mic. Requires Modulink cordset to interface radio*.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Model	List ($) Wt. (lbs) Wgt. (kg.)	T T T
67227 1 EACH	Shure Comm. Inc. 592T 2 Years	Mike Head. REQUIRES MODULINK CORDSET*.	64.95 0.61 0.28	

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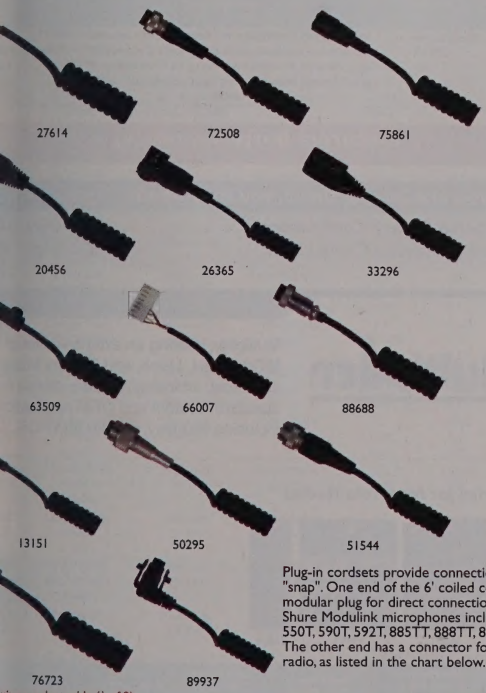
ansistor Amplified Modulink Mic

Transistor-amplified dynamic microphone features a rugged case and push-to-talk switch. Requires ModuLink cordset which must be purchased separately. No DTMF pad. Requires Modulink cordset to interface with radio*.

719

t No. /Uom	Manufacturer Mfg. P/N Warranty	Radio Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
719 ACH	Shure Comm. Inc. 590T 2 Years	Mike Head. Order a cordset and connector separately.	65.15 0.6 0.27	39.09 36.22 33.88

loduLink Cordset



Plug-in cordsets provide connection in a "snap". One end of the 6' coiled cord has modular plug for direct connection to the Shure Modulink microphones including the 550T, 590T, 592T, 885TT, 888TT, 890TT. The other end has a connector for the radio, as listed in the chart below.

uing product table (1 of 2)

No. Jom	Manufacturer Mfg. P/N Warranty	Radio Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
14 CH	Shure Comm. Inc. ALM1 1 year	Bare leads with NO RADIO CONNECTOR.	23.60 0.34 0.15	14.15 13.11 12.27
08 CH	Shure Comm. Inc. ALM38 1 year	Aerotron	35.40 0.4 0.18	21.22 19.66 18.39
29 CH	Shure Comm. Inc. ALM35 1 year	Bendix/King LM and EM series radios. Not for use with 885TT mic.	30.65 0.35 0.16	18.39 17.05 15.94
81 CH	Shure Comm. Inc. ALM6 1 year	E.F. Johnson LTR8700, SDL, PPL, Fleetcom II. Five-pin round connector. For 550T, 590T, 592T mics only.	35.40 0.37 0.17	21.22 19.66 18.39
74 CH	Shure Comm. Inc. ALM8 1 year	E.F. Johnson Challenger, 8600 series. Six-pin modular connector. For 550T, 590T, 592T mics only.	30.65 0.5 0.23	18.39 17.05 15.94
61 CH	Shure Comm. Inc. ALM43 1 year	EF Johnson Summit.	35.40 0.32 0.15	21.22 19.66 18.39
72 CH	Shure Comm. Inc. ALM16 1 year	E.F. Johnson LTR 8700, SDL, PPL, Fleetcom II. Five-pin round connector. Use with 885TT/890TT mics only. For COMCO 727 use the 550T/590T mics only.	35.40 0.41 0.19	21.22 19.66 18.89
00 CH	Shure Comm. Inc. ALM11 1 year	Ericsson/GE CMX, MLS. Flat (PC Header) connector. For TMX radio only fits 550T, 590T, 592T mics.	30.65 0.38 0.17	18.39 17.05 15.94

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
20456 1 EACH	Shure Comm. Inc. ALM40 1 year	Ericsson/GE MDX, Orion. Only for use with 550T, 590T, or 592T mics.	35.40 0.4 0.18	21.22 19.66 18.89
26365 1 EACH	Shure Comm. Inc. ALM17 1 year	Ericsson/GE Mastr II, Rangr, Delta, Custom MVP. Six-pin square connector.	35.40 0.41 0.19	21.22 21.12 21.12
30934 1 EACH	Shure Comm. Inc. ALM27 1 year	Ericsson/GE MVS, MVX II, MTD, TMX8825. 10 pin molded rectangular connector. Use with 550T, 590T, 592T mics only.	35.40 0.43 0.2	21.22 19.66 18.89
33296 1 EACH	Shure Comm. Inc. ALM19 1 year	Ericsson/GE FMD, S-700 & S-825 Control Heads. DB-9 connector.	35.40 0.4 0.18	21.22 19.66 18.39
430122 1 EACH	Shure Comm. Inc. ALM49 1 year	Ericsson/GE Panther. For 550T/590T/592T micro-phones.	35.40 0.39 0.18	21.23 19.67 18.40
NEW 444131 1 EACH	Shure Comm. Inc. ALM49A 1 year	Ericsson/GE Panther. For 885TT microphones.	30.65 0.39 0.18	18.39 17.05 15.94
53602 1 EACH	Shure Comm. Inc. ALM34 1 year	Ericsson/GE Monogram. Maxon SM4150, SM4450, NOT FOR USE WITH 592T	30.65 0.37 0.17	18.39 17.05 15.94
63509 1 EACH	Shure Comm. Inc. ALM27A 1 year	Ericsson/GE MVS, MVS II, MTD, TMX8825. Ten pin molded rectangular connector. Use with 885TT/890TT mics only.	29.75 0.43 0.2	17.85 16.67 16.67
66007 1 EACH	Shure Comm. Inc. ALM10 1 year	Ericsson/GE PSX, Phoenix. Flat (PC Header) conn.	30.65 0.39 0.18	18.39 17.05 15.94
86384 1 EACH	Shure Comm. Inc. ALM41 1 year	Ericsson/GE MDX, Orion. Only for use with 885TT mic.	35.40 0.4 0.18	21.22 19.66 18.89
66816 1 EACH	Shure Comm. Inc. ALM33 1 year	Kenwood TK601S, TK701, TK801. Flat PC connector.	30.65 0.35 0.16	18.39 17.05 15.94
70965 1 EACH	Shure Comm. Inc. ALM26 1 year	Kenwood, all models with six-pin modular connectors. Can not be used with 592T mic.	30.65 0.4 0.18	18.39 17.05 16.67
NEW 27361 1 EACH	Shure Comm. Inc. ALM47 1 year	Motorola Mostar. Six-pin modular connector.	26.25 0.35 0.16	15.75 14.97 14.97
88688 1 EACH	Shure Comm. Inc. ALM5 1 year	Midland Syntech I, XTR. Four-pin round connector.	35.40 0.36 0.16	21.22 19.66 18.39
13151 1 EACH	Shure Comm. Inc. ALM2 1 year	Motorola Micor, Mitrek, Motrekand, Syntor, Motrek, Maratrak A2/A3, MCX-100, MCX-1000 (dash mounts). 5-pin molded rectangular connector.	35.40 0.35 0.16	21.22 19.66 18.39
25116 1 EACH	Shure Comm. Inc. ALM25 1 year	Motorola MCX-1000 remote. Eight-pin modular con-nector.	30.65 0.39 0.18	18.39 17.05 15.94
50295 1 EACH	Shure Comm. Inc. ALM4 1 year	Motorola Maxar 80 and Motrar. Five-pin round connec-tor.	35.40 0.5 0.23	21.22 19.66 18.89
51544 1 EACH	Shure Comm. Inc. ALM20 1 year	Motorola Mocom 70, Motrac. Four-pin round connec-tor. Use with 590T mic only.	35.40 0.43 0.2	21.22 19.66 18.39
76723 1 EACH	Shure Comm. Inc. ALM24 1 year	Motorola Maxtrac, Radius. Eight-pin modular connec-tor.	30.65 0.35 0.16	18.39 17.05 15.94
89842 1 EACH	Shure Comm. Inc. ALM48 1 year	Motorola MCS2000. Eight-pin modular connector.	30.65 0.35 0.16	18.39 17.05 15.94
89937 1 EACH	Shure Comm. Inc. ALM22 1 year	Motorola Syntor X9000, Spectra, Maratrac A7. Six-pin molded connector.	35.40 0.35 0.16	21.22 19.66 18.89
23232 1 EACH	Shure Comm. Inc. ALM28 1 year	Relm/Regency radios with six-pin modular connec-tors.Not for use with 592T mic.	35.40 0.35 0.16	21.22 19.66 18.39
15219 1 EACH	Shure Comm. Inc. ALM42 1 year	Roamer One Securecor radio.	30.65 0.32 0.15	18.39 17.05 15.94
80533 1 EACH	Shure Comm. Inc. ALM37 1 year	SEA ESP502/520 radios, ESP1000 repeater.	30.65 0.35 0.16	18.39 17.05 15.94
91186 1 EACH	Shure Comm. Inc. ALM12A 1 year	Uniden, all models. Regency RFU152, MCH40, ARU9PL, MCE21, MCE24. Five-pin round connector. If using cord with Regency radios, use only 550T/590T mics.	35.40 0.42 0.19	21.22 19.66 18.39

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Microphone Accessories [225-59]

Coiled Cord

57506

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
57506 1 EACH	CES Wireless CRDMIC 1 Year	8' 6 conductor coiled cord. Flat plug in connector on one end.	15.50 0.1 0.05	11.63 11.01 10.89

Microphone Hang-Up Clip

30146

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30146 1 EACH	NewMar SPRING CLIP 1 Year	Stainless steel spring-style microphone clip.	4.95 0.2 0.09	3.32 3.32 3.32
80373 1 EACH	CES Wireless MIC01-L 1 Year	Stainless steel spring-style microphone clip.	6.00 0.2 0.09	4.50 4.26 4.22
84941 3 PACK	Shure Comm. Inc. RK6MB 1 Year	Steel spring-style microphone clip. 3 per package.	13.40 0.19 0.09	8.03 7.44 6.96

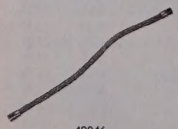
HD Mounting Flange for Microphones

40828 92435

Mounting flange used to secure a gooseneck microphone to a flat surface. 5/8"x27 threads for use with the Shure G-series goosenecks.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
40828 1 EACH	Shure Comm. Inc. A13HD 1 Year	Heavy duty. 3" diameter with three .25" screw holes	15.90 0.5 0.23	9.53 8.83 8.26
92435 1 EACH	Shure Comm. Inc. A12 1 Year	1-3/4" diameter with three .177" screw holes	10.25 0.11 0.05	6.15 5.82 5.82

Gooseneck Microphone Supports



49046

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
74225 1 EACH	Shure Comm. Inc. G6A 1 Year	6" chrome gooseneck with side vent for non-concealed wiring. Features standard 5/8"-27 thread base. Designed to limit mechanically induced noise. Used with any Shure gooseneck microphone.	14.15 0.28 0.13	8.48 7.86 7.35
49046 1 EACH	Shure Comm. Inc. G12 1 Year	12" chrome gooseneck designed to limit mechanically induced noise. Features standard 5/8"-27 thread base. Used with any Shure gooseneck microphone.	16.85 0.56 0.25	10.10 9.36 8.76

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
87439 1 EACH	Shure Comm. Inc. G18 1 Year	18" chrome gooseneck designed to limit mechanically induced noise. Features standard 5/8"-27 thread base. Used with any Shure gooseneck microphone.	18.35 0.96 0.44	11.1 10.2 9.5

Preamplifiers

39672

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW 39672 1 EACH	Shure Comm. Inc. LMP1A 1 Year	Transistorized preamplifier for matching levels between the output of a dynamic microphone and a 2-way radio's input circuitry. Provides mic with up to 20dB additional gain. Powered from radio mic input or external 12-volt supply.	185.95 0.45 0.2	111 103 96.

Motorola Batteries [300-10]

If you are buying these, you may need:

Two-Way Battery Conditioners . . . . . page 118
Battery Analyzers/Conditioners . . . . . page 119

Multiplier

Multiplier, offering an extensive line of NiCd, NiMH, Li-Ion, and Factory Mutual approved, intrinsically safe batteries for standard, custom and OEM applications including two-way, cellular and PCS.

Batteries for Motorola Radios

55406 16203 19497 26836

Continuing product table (1 of 8)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Brand Radio Model	OEM Battery Number Charge	Voltage Capacity (mAh) Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
441001 1 EACH	W & W Mfg. 036K4021AR 1 year	Motorola CT250, CT450, PRO 3150	PMNN4021AR, PMNN4018AR Rapid	7.2 1700	60.85 0.5 0.23	43 42 42
443031 1 EACH	W & W Mfg. 036KM4018A 1 year	Motorola CT250, CT450, PRO 3150	PMNN4018AR, PMNN4021AR Rapid	7.2 2150 NiMH	66.50 0.6 0.27	47 46 46
497016 1 EACH	W & W Mfg. 036K(S)M4018A(S) 1 year	Motorola CT250, CT450, PRO 3150	PMNN4018AR, PMNN4021AR Rapid	7.2 2700 NiMH	73.55 0.6 0.27	52 51 51
25408 1 EACH	Multiplier M7162 18 Mo	Motorola Expo	NLN7162A Rapid	7.5 600 Black	69.25 0.36 0.16	35 35 34
34347 1 EACH	W & W Mfg. 037C4000B 1 year	Motorola GP68	PMN4000B Rapid	7.2 1200 N/A	38.20 0.5 0.23	27 26 26
34361 1 EACH	W & W Mfg. 037C14000B(S) 1 year	Motorola GP68	PMN4000B(S) Rapid	7.2 1500 N/A	45.25 0.5 0.23	32 31 31
34367 1 EACH	W & W Mfg. 037C1M4000B(S)M 1 year	Motorola GP68	PMN4000B(S)M Rapid	7.2 2150 NiMH N/A	52.35 0.5 0.23	37 36 36
90794 1 EACH	Multiplier M8308 18 Mo	Motorola GP300	HNN8308 Rapid	7.5 650 N/A	126.80 0.2 0.09	65 64 63

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uing product table (2 of 8)

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Brand Radio Model	OEM Battery Number Charge	Voltage Capacity (mAh) Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
97 CH	Centurion PR9628 1 yr	Motorola GP300	HNN9628A Rapid	7.5 1200 N/A	86.25 0.31 0.14	44.21 43.77 43.11
62 CH	JBro Batteries JB9628 18 Mo	Motorola GP300	HNN9628A Rapid	7.5 1200 N/A	56.85 0.57 0.26	30.00 28.65 28.41
137 CH	LexStar Tech. H9628R 1 Year	Motorola GP300, GTX Series, LTS2000	HNN9628A Rapid	7.5 1200 Black	29.05 0.5 0.23	14.82 14.76 14.51
06 CH	Multiplier M9628 18 Mo	Motorola GP300	HNN9628A Rapid	7.5 1200 N/A	62.40 0.5 0.23	32.00 31.56 31.20
34 CH	W & W Mfg. 060Z69628A 1 year	Motorola GP300	HNN9628A Rapid	7.5 1200 N/A	48.10 0.5 0.23	33.99 33.82 33.65
21 CH	LexStar Tech. H9628 2 Year	Motorola GP300, GTX Series, LTS2000	HNN9628A Rapid	7.5 1200 Black	49.70 0.55 0.25	25.38 25.29 24.85
47 CH	Multiplier M9628H 18 Mo	Motorola GP300	HNN9628A Rapid	7.5 1200 NiMH N/A	74.10 0.5 0.23	38.00 37.47 37.05
80 CH	LexStar Tech. H8133(IS) 2 Year	Motorola GP300, GTX Series, LTS2000	HNN8133B Intrin. Safe	7.5 1200 Black	131.55 1 0.45	67.16 66.92 65.77
56 CH	Multiplier M9701 18 Mo	Motorola GP300	HNN9701A Intrin. Safe, FM	7.5 1200 Black	122.90 0.5 0.23	63.00 62.12 61.43
87 CH	W & W Mfg. 060ZM9628AM 1 year	Motorola GP300	HNN9628A Rapid	7.5 1500 NiMH N/A	55.15 0.5 0.23	39.00 38.81 38.61
33 CH	JBro Batteries JB9628NIMH 12 Mo	Motorola GP300, GTX	HNN9628A Rapid	7.5 1650 NiMH N/A	71.05 0.52 0.24	37.50 35.82 35.52
74 CH	Multiplier M9628HX 18 Mo	Motorola GP300	HNN9628HX Rapid	7.5 1800 NiMH N/A	78.00 0.56 0.25	40.00 39.44 39.00
002 CH	LexStar Tech. LX9628NIMH 2 Year	Motorola GP300	WPNN4040 Rapid	7.5 1800 NiMH Black	91.40 0.5 0.23	46.64 46.47 45.68
28 CH	LexStar Tech. LX9628NIMH 1 Year	Motorola GP300, GTX Series, LTS2000	WPNN4040 Rapid	7.5 1800 NiMH Black	80.60 0.5 0.23	41.15 41.00 40.30
71 CH	JBro Batteries JB9360 1 year	Motorola GP350	HNN9360A Rapid	7.5 1200 Black	63.95 0.5 0.23	33.75 32.24 31.97
045 CH	LexStar Tech. H9361 2 years	Motorola GP350	HNN9361A Intrin. Safe	7.5 1200	172.70 0.5 0.23	88.15 87.83 86.33
053 CH	LexStar Tech. H9360 2 years	Motorola GP350	HNN9360A Rapid	7.5 1200	79.00 0.5 0.23	40.33 40.18 39.50
10 CH	W & W Mfg. 060Z89360A 1 year	Motorola GP350	HNN9360A Rapid	7.5 1200 Black	51.00 0.5 0.23	36.05 35.87 35.69
024 CH	Multiplier M9361 18 Mo	Motorola GP350	HNN9361A Intrin. Safe, FM	7.5 1000 Black	119.35 0.5 0.23	61.20 60.35 59.67
03 CH	Multiplier M9360 18 Mo	Motorola GP350	HNN9360A Rapid	7.5 1200 Black	66.30 0.53 0.24	34.00 33.53 33.15
48 CH	JBro Batteries JB9360NIMH 1 year	Motorola GP350	HNN9360A Rapid	7.5 1650 NiMH Black	72.30 0.51 0.23	38.15 36.44 36.13
070 CH	Multiplier M9360HX 18 Mo	Motorola GP350	N/A Rapid	7.5 1800 NiMH Black	77.05 0.5 0.23	39.50 38.95 38.52
60 CH	W & W Mfg. 060ZBM9360AM 1 year	Motorola GP350	HNN9360A Rapid	7.5 1650 NiMH Black	56.60 1 0.45	40.00 39.80 39.60
59 CH	Multiplier M5407 18 Mo	Motorola HT50	NTN5407A Rapid	10 630 Light gray	57.55 0.63 0.29	29.50 29.09 28.77
48 CH	JBro Batteries JB5453 18 Mo	Motorola HT50	NTN5453A Rapid	10 1200 Grey	49.30 1 0.45	26.00 24.83 24.63
55 CH	Multiplier M5453 18 Mo	Motorola HT50	NTN5453 Rapid	10 1200 Grey	51.70 1 0.45	26.50 26.13 25.84
59 CH	JBro Batteries JB7434 18 Mo	Motorola HT90	NLN7434A Rapid	12.5 600 Light Grey	56.85 0.75 0.34	30.00 28.65 28.41
91 CH	Multiplier M7435 18 Mo	Motorola HT90	NLN7435A Standard	12.5 630 Light Grey	46.80 0.77 0.35	24.00 23.67 23.40
98 CH	Multiplier M7434 18 Mo	Motorola HT90	NLN7434A Rapid	12.5 630 Light Grey	46.80 0.75 0.34	24.00 23.67 23.40

Continuing product table (3 of 8)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Brand Radio Model	OEM Battery Number Charge	Voltage Capacity (mAh) Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
13244 1 EACH	Multiplier M4462 18 Mo	Motorola HT220 Slim, MT500	NLN4462B Dual	15 250 N/A	72.20 0.28 0.13	37.00 36.49 36.08
26458 1 EACH	Multiplier M4463 18 Mo	Motorola HT220 Omni, MT500	NLN4463B Dual	15 600 N/A	57.55 0.61 0.28	29.50 29.09 28.77
44676 1 EACH	JBro Batteries JB4463 18 Mo	Motorola HT220 Omni, MT500	NLN4463B Rapid	15 600 N/A	52.10 0.61 0.28	27.50 26.27 26.05
93777 1 EACH	Multiplier M6900 18 Mo	Motorola HT220 Omni	NLN6900B Rapid	15 600 N/A	52.70 0.54 0.25	27.00 26.63 26.33
67349 1 EACH	Multiplier M7694 18 Mo	Motorola HT440	NLN7694A Rapid	12.5 630 Dk Grey	60.50 0.75 0.34	31.00 30.57 30.23
56641 1 EACH	JBro Batteries JB4584 18 Mo	Motorola HT600, HT800	NTN4584A Rapid	10 650 Light gray	51.15 0.57 0.26	27.00 25.79 25.57
82536 1 EACH	Multiplier M4584 18 Mo	Motorola HT600, HT800	NTN4584A Rapid	10 630 Light gray	56.60 0.57 0.26	29.00 28.60 28.28
16956 1 EACH	W & W Mfg. 060K4584A 18 Mo	Motorola HT600	NTN4584A Rapid	9.6 1200 Gray	46.35 0.58 0.26	32.75 32.59 32.43
68563 1 EACH	W & W Mfg. 060J4563A 18 Mo	Motorola HT600	NTN4563A Standard	9.6 1200 Gray	44.25 1 0.45	31.27 31.12 30.96
96171 1 EACH	LexStar Tech. H5414 2 Year	Motorola HT600, HT800	NTN4588A Rapid	10 1200 Black	62.90 0.5 0.23	32.10 31.98 31.44
28835 1 EACH	Multiplier M5415 18 Mo	Motorola HT600, HT800	NTN5415 Intrin. Safe, FM	10 1200 N/A	96.60 0.74 0.34	49.51 48.82 48.28
42631 1 EACH	Centurion HT4585/E 1 yr	Motorola HT600	NTN4585E Rapid	10 1200 Light gray	66.30 0.74 0.34	34.00 33.66 33.15
80528 1 EACH	W & W Mfg. 060L4588A 18 Mo	Motorola HT600	NTN4585A Standard	9.6 1200 Gray	48.05 1 0.45	33.96 33.79 33.62
85567 1 EACH	JBro Batteries JB5414 18 Mo	Motorola HT600, HT800	NTN5414A Rapid	10 1200 Light gray	53.55 0.76 0.35	28.25 26.98 26.76
93252 1 EACH	Multiplier M5414 18 Mo	Motorola HT600, HT800	NTN5414A Rapid	10 1200 Light gray	64.40 0.74 0.34	33.00 32.54 32.18
93742 1 EACH	W & W Mfg. 060M4585A 18 Mo	Motorola HT600	NTN4585A Rapid	9.6 1200 Gray	48.05 0.58 0.26	33.96 33.79 33.62
80795 1 EACH	W & W Mfg. 060LM4588AM 1 year	Motorola HT600	NTN4588A, NTN5413A Standard	9.6 2150 NiMH Gray	53.75 1 0.45	38.00 37.81 37.62
NEW 415388 1 EACH	Multiplier M9008 18 Mo	Motorola HT750, HT1250	HNN9008	7.5 1100 N/A	70.20 0.75 0.34	36.00 35.50 35.10
NEW 426381 1 EACH	Multiplier M9011 18 Mo	Motorola HT750, HT1250	HNN9011AR Intrin Safe, FM	7.5 1200	119.35 0.5 0.23	61.20 60.35 59.67
55274 1 EACH	W & W Mfg. 060M29008R 18 Mo	Motorola HT750, HT1250, HT1550	HNN9008R Rapid	7.2 1200 Slim N/A	53.75 0.4 0.18	38.00 37.81 37.62
466065 1 EACH	LexStar Tech. H9012 2 Year	Motorola HT750, HT1250, HT1550, GP320	HNN9012AR Rapid	7.5 1350	72.50 0.8 0.36	37.00 36.86 36.23
493052 1 EACH	LexStar Tech. H9008 1 year	Motorola HT750, HT1250, HT1550, GP320	HNN9008AR Rapid	7.5 1450 NiMH	81.10 0.8 0.36	41.40 41.25 40.55
NEW 435381 1 EACH	Multiplier M9013 18 Mo	Motorola HT750, HT1250	HNN9013BR	7.5 1500 LiIon N/A	117.00 0.75 0.34	60.00 59.16 58.50
464029 1 EACH	Multiplier M9012B 18 Mo	Motorola HT750/1250/1550, GP320/340/360/380	HNN9012AR Rapid	7.5 1700 N/A	96.55 0.75 0.34	49.50 48.81 48.27
71900 1 EACH	Multiplier M9009 18 Mo	Motorola HT750, HT1250	HNN9009AR NiMH	7.5 1600 N/A	103.40 0.75 0.34	53.00 52.26 51.68
NEW 421390 1 EACH	Multiplier M9008H 18 Mo	Motorola HT750, HT1250	HNN9008H	7.5 1650 NiMH N/A	76.10 0.75 0.34	39.00 38.46 38.03
55403 1 EACH	W & W Mfg. 060M2M9008RM 18 Mo	Motorola HT750, HT1250, HT1550	HNN9008R Rapid	7.2 1650 Slim NiMH N/A	58.00 0.45 0.2	41.00 40.80 40.59
55413 1 EACH	W & W Mfg. 060M39012R 18 Mo	Motorola HT750, HT1250, HT1550	HNN9012R Rapid	7.2 1650 N/A	56.60 0.5 0.23	40.00 39.80 39.60

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Batteries, Two-Way Portable

Continuing product table (4 of 8)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Brand Radio Model	OEM Battery Number Charge	Voltage Capacity (mAh) Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
72853 I EACH	JBro Batteries JB9012 18 mo	Motorola HT750, HT1250, HT1550	HNN9008, HNN9009 Rapid	7.2 1650 N/A	60.65 0.55 0.25	32.00 30.56 30.31
NEW 453372 I EACH	Multiplier M9010 18 Mo	Motorola HT750, HT1250	HNN9010AR Intrin Safe, FM	7.5 1800 NiMH	126.40 0.75 0.34	64.80 63.90 63.18
414075 I EACH	LexStar Tech. H9010 1 year	Motorola HT750, HT1250, HT1550, GP320	HNN9010AR Intrin. Safe	7.5 2000 NiMH	104.80 0.6 0.27	53.50 53.30 52.39
71913 I EACH	Multiplier M9009H 18 Mo	Motorola HT750, HT1250	Multiplier Origi-nal NiMH	7.5 2100 N/A	107.30 0.75 0.34	55.00 54.23 53.63
460004 I EACH	W & W Mfg. 060M3M9009RM 18 Mo	Motorola HT750, HT1250, HT1550	HNN9009R Rapid	7.2 2150 NiMH N/A	62.25 0.5 0.23	44.00 43.78 43.56
494010 I EACH	LexStar Tech. H9009 1 year	Motorola HT750, HT1250, HT1550, GP320	HNN9009AR Rapid	7.5 2150 NiMH	85.45 1 0.45	43.62 43.46 42.72
418002 I EACH	W & W Mfg. 060M3MS9009RMS 18 Mo	Motorola HT750, HT1250, HT1550	HNN9009R Rapid	7.2 2700 NiMH N/A	69.30 0.6 0.27	49.00 48.76 48.51
55478 I EACH	W & W Mfg. 060M3MS9009RMS 18 Mo	Motorola HT750, HT1250, HT1550	HNN9012R Rapid	7.2 2700 NiMH N/A	69.30 0.65 0.3	49.00 48.76 48.51
71926 I EACH	Multiplier M9009HX 18 Mo	Motorola HT750, HT1250	Multiplier Origi-nal NiMH	7.5 2700 N/A	122.90 0.61 0.28	63.00 62.12 61.43
72844 I EACH	JBro Batteries JB9008 12 mo	Motorola HT750, HT1250, HT1550	HNN9008, HNN9009 Rapid	7.5 2700 NiMH N/A	72.00 0.63 0.29	38.00 36.29 35.99
15788 I EACH	Multiplier M7143 18 Mo	Motorola HT1000, MT2000	NTN7143C Rapid	7.5 1200 Black	62.40 0.52 0.24	32.00 31.56 31.20
491155 I EACH	LexStar Tech. H7143R 1 Year	Motorola HT1000	NTN7143 Rapid	7.5 1200 Black	30.95 0.61 0.28	15.78 15.72 15.46
93450 I EACH	Multiplier M7143H 12 mo	Motorola HT1000, MT2000	Multiplier Origi-nal Rapid	7.5 1200 NiMH Black	74.10 1 0.45	38.00 37.47 37.05
93670 I EACH	Multiplier M7372 18 Mo	Motorola HT1000, MT2000	NTN7372A Intrin. Safe, FM	7.5 1300 Black	117.00 0.52 0.24	60.00 59.16 58.50
464087 I EACH	LexStar Tech. H7372 2 years	Motorola HT1000, GP900, MTS2000, MTX8000	NTN7372A Intrin. Safe, FM	7.5 1300	118.85 0.5 0.23	60.66 60.44 59.41
84294 I EACH	LexStar Tech. H7146 2 Year	Motorola HT1000, MT2000	NTN7146A Intrin. Safe, FM	7.5 1300 N/A	118.85 0.55 0.25	60.66 60.44 59.41
416132 I EACH	LexStar Tech. H7144R 1 Year	Motorola HT1000	NTN7144A Rapid	7.5 1400 Black	41.00 0.5 0.23	20.93 20.85 20.49
18326 I EACH	JBro Batteries JB7144 18 mo	Motorola HT1000, MT2000, MTX8000	NTN7144A Rapid	7.5 1500 N/A	63.95 0.6 0.27	33.75 32.24 31.97
39555 I EACH	LexStar Tech. H7147 2 years	Motorola HT1000, GP900, MTS2000, MTX8000	NTN7147A Intrin. Safe, FM	7.5 1500	141.40 0.58 0.26	72.18 71.92 70.69
469086 I EACH	LexStar Tech. H7341 2 years	Motorola HT1000, GP900, MTS2000, MTX8000	NTN7341A Intrin. Safe, FM	7.5 1500	141.40 0.5 0.23	72.18 71.92 70.69
54181 I EACH	Multiplier M7144 18 Mo	Motorola HT1000, MT2000	NTN7144C Rapid	7.5 1500 Black	65.35 0.65 0.3	33.50 33.04 32.67
68491 I EACH	Multiplier M7341 18 Mo	Motorola HT1000, MT2000	NTN7341A Intrin. Safe, FM	7.5 1500 Black	90.50 1 0.45	46.40 45.75 45.24
94991 I EACH	W & W Mfg. 060M57144A 18 Mo	Motorola HT1000, MT2000	NTN7144C Rapid	7.5 1500 Black	48.10 0.65 0.3	33.99 33.82 33.65
453089 I EACH	LexStar Tech. H7144XT 2 years	Motorola HT1000, GP900, MTS2000, MTX8000	NTN7144CR Rapid	7.5 1700	104.80 0.75 0.34	53.50 53.30 52.39
61753 I EACH	Multiplier M7143HX 12 mo	Motorola HT1000, MT2000	NTN7143HX Rapid	7.5 1800 NiMH Black	78.00 0.6 0.27	40.00 39.44 39.00
15635 I EACH	Multiplier M7144H 18 Mo	Motorola HT1000, MT2000	WPNN4013A Rapid	7.5 2100 NiMH Black	97.50 0.65 0.3	50.00 49.30 48.75
92057 I EACH	JBro Batteries JB-4013 12 mos.	Motorola HT1000, MT2000	NTN7143C N/A	7.5 2100 Black	82.90 0.52 0.24	43.75 41.79 41.44

Continuing product table (5 of 8)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Brand Radio Model	OEM Battery Number Charge	Voltage Capacity (mAh) Color	List ($) Wt. (lbs) Wgt. (kg.)	T T T
460043 I EACH	LexStar Tech. LX4013 2 year	Motorola HT1000	WPNN4013 Rapid	7.5 2700 NiMH	118.25 0.69 0.31	6 6 5
462065 I EACH	W & W Mfg. 060M5M7144AM 18 Mo	Motorola HT1000, MT2000	NTN7144 Rapid	7.5 2700 Black	58.00 0.65 0.3	4 4 4
480083 I EACH	Multiplier M7144HX 18 Mo	Motorola HT1000, MT2000, MTX8000	N/A Rapid	7.5 2700 NiMH Black	117.00 0.65 0.3	6 5 5
44040 I EACH	W & W Mfg. 057A8144A 1 year	Moto./MIRS Lingo L3000	NTN8144A Rapid	7.2 1200	85.95 0.5 0.23	6 6 6
26057 I EACH	W & W Mfg. 057AM8144AM 1 year	Moto./MIRS Lingo L3000	NTN8144A Rapid	7.2 1650 NiMH	85.95 0.5 0.23	6 6 6
90030 I EACH	Multiplier M8096 18 Mo	Motorola MH10, MH70, HandieComm	NLN8096A Dual	12.5 630 Dark Grey	48.80 0.57 0.26	2 2 2
49790 I EACH	W & W Mfg. 0534463B 1 year	Motorola MT500 Omni	NLN4463A Rapid	15 700 Black	50.05 1 0.45	3 3 3
56108 I EACH	Multiplier M4822 18 Mo	Motorola MT1000, MTX800	NTN-4822A Rapid	10 630 Dark gray	62.40 0.58 0.26	3 3 3
74519 I EACH	Multiplier M7015 18 Mo	Motorola MT1000, MTX800	NTN7015A Rapid	7.5 950 NiMH Dark gray	82.90 1 0.45	4 4 4
16203 I EACH	Centurion MT4824/E 1 yr	Motorola MT1000, MTX800	NTN4824A Rapid	10.0 1200 Dark gray	66.60 0.58 0.26	3 3 3
41645 I EACH	Multiplier M5447 18 Mo	Motorola MT1000, MTX800	NTN5447A Rapid	10.0 1200 Dark gray	64.40 0.74 0.34	3 3 3
42049 I EACH	Multiplier M5448 18 Mo	Motorola MT1000, MTX800	NTN5448 Intrin. Safe, FM	10.0 1200 Dark gray	96.60 0.58 0.26	4 4 4
44564 I EACH	LexStar Tech. H5447 2 Year	Motorola MT1000, MTX800, MTX900	NTN4869A Rapid	10.0 1200 Black	62.90 0.5 0.23	3 3 3
45925 I EACH	JBro Batteries JB5447 18 Mo	Motorola MT1000, MTX800	NTN5447A Rapid	10.0 1200 Dark gray	54.50 0.7 0.32	2 2 2
46149 I EACH	W & W Mfg. 060Q4824 1 year	Motorola MT1000, MTX800	NTN4824A Rapid	10.0 1200 Black	46.65 1 0.45	3 3 3
57890 I EACH	JBro Batteries JB4824 18 Mo	Motorola MT1000, MTX800	NTN4824A Rapid	10.0 1200 Black	59.20 0.2 0.09	3 2 2
29188 I EACH	W & W Mfg. 060NM4822M 1 year	Motorola MT1000, MTX800	NTN4822A Rapid	10.0 1650 NiMH Black	50.95 1 0.45	3 3 3
67581 I EACH	W & W Mfg. 060QM4824M 1 year	Motorola MT1000, MTX800	NTN4824A Rapid	10.0 2150 NiMH Black	50.95 1 0.45	3 3 3
40921 I EACH	Multiplier M8834 18 Mo	Motorola MX300	NLN8834C Rapid	7.5 1200 Black	54.60 0.55 0.25	2 2 2
73162 I EACH	LexStar Tech. H9998 2 Year	Motorola MX300	NLN9998C Rapid	7.5 1300 Black	69.80 0.5 0.23	3 3 3
54135 I EACH	Multiplier M5860 18 Mo	Motorola MX300	NLN5860A Rapid	7.5 1400 Black	63.40 0.95 0.43	3 3 3
32711 I EACH	JBro Batteries JB5860 18 Mo	Motorola MX300	NLN5860A Rapid	7.5 1600 Black	56.85 0.95 0.43	3 2 2
479076 I EACH	LexStar Tech. H9728 2 years	Motorola MX300-R, Indus-trial	NLN9726C, 60-60930D03 Intrin. Safe, FM	7.5 1400	187.50 0.5 0.23	9 9 9
489197 I EACH	LexStar Tech. H9044R 1 Year	Motorola P10, P50, SP10, SP50	HNN9044A Rapid	7.5 500 Black	25.40 0.27 0.12	1 1 1
56832 I EACH	Multiplier M9044 18 Mo	Motorola P10, P50, SP10- 2W	HNN9044A Rapid	7.5 550 White	25.85 0.31 0.14	1 1 1
77371 I EACH	GNA Battery HNN9044A 1 year	Motorola P10, P50, SP10, Spirit M and HP series	HNN9044A Rapid	7.5 550 Black	15.50 0.25 0.11	1 1 1
18472 I EACH	W & W Mfg. 060W9027 1 year	Motorola P10, P50, SP10-4/5W	HNN9027A Standard	10.8 600	28.45 0.43 0.2	2 1 1
19497 I EACH	JBro Batteries JB9044 18 Mo	Motorola P10, P50, SP10- 2W	HNN9044A Rapid	7.5 600 White	24.20 0.3 0.14	1 1 1

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Batteries, Two-Way Portable

uing product table (6 of 8)

No. Uom	Manufacturer Mfg. P/N Warranty	Radio Brand Radio Model	OEM Battery Number Charge	Voltage Capacity (mAh) Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
666 ACH	Centurion PR9027 1 yr	Motorola P10, P50, SP10-4/ 5W	HNN9027 Rapid	11.5 600 Dark Grey	39.80 0.63 0.29	20.40 20.20 19.89
059 ACH	Centurion PR9044 1 yr	Motorola P10, P50, SP10- 2W	HNN9044A Rapid	7.5 600 White	26.70 0.24 0.11	13.67 13.54 13.33
104 ACH	JBro Batteries JB9027 18 Mo	Motorola P10, P50, SP10-4/ 5W	HNN9027A Standard	11.25 600	36.20 0.43 0.2	19.10 18.25 18.09
255 ACH	LexStar Tech. H9044 2 Year	Motorola P10, P50, SP10, SP50	HNN9044A Rapid	7.5 600 Black	30.00 0.27 0.12	15.31 15.26 15.00
580 ACH	LexStar Tech. H9027 2 years	Motorola P10, P50, HT10	HNN9027A, 60-60937H02 Rapid	10.8 630	44.60 0.38 0.17	22.75 22.67 22.28
474 ACH	Multiplier M9027 18 Mo	Motorola P10, P50, SP10-4/ 5W	HNN9027A Rapid	10.8 630 White	40.00 0.5 0.23	20.50 20.22 19.99
507 ACH	W & W Mfg. 060U9044 1 year	Motorola P10, P50, SP10- 2W	HNN9044A Rapid	7.5 700 White	21.85 0.31 0.14	15.45 15.38 15.30
089 ACH	W & W Mfg. 060WM9027AM 1 year	Motorola P10, P50, SP10-4/ 5W	HNN9027A Standard	10.8 1000 NiMH	42.55 0.43 0.2	30.09 29.94 29.79
W 365 ACH	Multiplier M9044H 18 Mo.	Motorola P10/ P50+/ SP10/ SP50/ HT10	HNN9044H	7.5 1000 NiMH	36.10 0.4 0.18	18.50 18.25 18.04
152 ACH	Centurion PR5451 1 yr	Motorola Radius P100	NTN5451A Rapid	10.0 1000 Black	57.85 0.73 0.33	29.66 29.37 28.92
038 ACH	Multiplier M5451 18 Mo	Motorola Radius P100	NTN5451A Rapid	10.0 1100 Black	51.70 0.73 0.33	26.50 26.13 25.84
74 ACH	JBro Batteries JB5451 18 Mo	Motorola Radius P100	NTN5451A Rapid	10.0 1200 Black	46.70 0.6 0.27	24.65 23.55 23.35
028 ACH	W & W Mfg. 060W4M5451AM 1 year	Motorola Radius P100	NTN5451A Rapid	10 2150 NiMH	60.75 0.5 0.23	42.96 42.75 42.53
74 ACH	LexStar Tech. H8148 2 Year	Motorola Radius P110	HNN8148A Rapid	10.0 1100 Black	68.55 1 0.45	34.98 34.85 34.26
95 ACH	JBro Batteries JB8148 18 Mo	Motorola Radius P110	HNN8148 Rapid	7.5 1200 Black	61.60 0.75 0.34	32.50 31.04 30.78
110 ACH	LexStar Tech. H8148R 1 Year	Motorola Radius P110	HNN8148A Rapid	7.5 1200 Black	30.95 1 0.45	15.78 15.72 15.46
08 ACH	Multiplier M8148 18 Mo	Motorola Radius P110	HNN8148A Rapid	7.50 1200 Black	68.30 0.73 0.33	35.00 34.51 34.13
26 ACH	W & W Mfg. 060W88148AP110 1 year	Motorola Radius P110	HNN8148A Rapid	7.5 1200	48.10 0.5 0.23	33.99 33.82 33.65
74 ACH	W & W Mfg. 060W8M8148AM 1 year	Motorola Radius P110	HNN8148A Rapid	7.5 1650 NiMH	56.60 1 0.45	40.00 39.80 39.60
W 130 ACH	Multiplier M8148H 12 Mo	Motorola Radius P110	HNN8148A Rapid	7.50 1800 NiMH Black	72.20 0.8 0.36	37.00 36.49 36.08
73 ACH	JBro Batteries JB5531 18 Mo	Motorola Radius P200	NTN5531A Rapid	10.0 600 Black	56.85 0.69 0.31	30.00 28.65 28.41
31 ACH	Multiplier M5521 18 Mo	Motorola Radius P200, P210	NTN5521A Rapid	10.0 1200 Black	61.45 0.61 0.28	31.50 31.06 30.72
42 ACH	Multiplier M5545 18 Mo	Motorola Radius P200, P210	NTN5545 Intrin. Safe, FM	10.0 1200 Black	91.30 0.69 0.31	46.80 46.15 45.63
77 ACH	W & W Mfg. 060Y5521 18 Mo	Motorola Radius P200	NTN5521A Rapid	9.6 1200 Black	45.20 0.69 0.31	31.93 31.77 31.62
38 ACH	Centurion PR5521/E 1 yr	Motorola Radius P200	NTN5521A Rapid	10.0 1200 Black	61.80 0.72 0.33	31.67 31.36 30.88
83 ACH	JBro Batteries JB5521 18 Mo	Motorola Radius P200	NTN5521A Rapid	10.0 1200 Black	54.50 0.69 0.31	28.75 27.46 27.23
49 ACH	LexStar Tech. H9049R 1 Year	Motorola Radius P1225	NTN9049A Rapid	7.5 1150 Black	46.40 0.5 0.23	23.67 23.58 23.18
23 ACH	W & W Mfg. 060Z99049A 1 year	Motorola Radius P1225	HNN9049A Rapid	7.5 1200 Black	56.60 1 0.45	40.00 39.80 39.60
31 ACH	Multiplier M9049 18 Mo	Motorola Radius P1225	HNN9049A Rapid	7.5 1200 Black	68.30 0.5 0.23	35.00 34.51 34.13

Continuing product table (7 of 8)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Brand Radio Model	OEM Battery Number Charge	Voltage Capacity (mAh) Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
488049 1 EACH	LexStar Tech. H9049 2 years	Motorola Radius P1225	NTN9049A Rapid	7.5 1200	79.00 0.5 0.23	40.33 40.18 39.50
493060 1 EACH	Multiplier M9050 18 Mo	Motorola Radius P1225	HNN9050A Intrin. Safe, FM	7.5 1200 Black	100.10 0.69 0.31	51.31 50.60 50.03
41153 1 EACH	W & W Mfg. 060Z9M9049AM 1 year	Motorola Radius P1225	HNN9049AM Rapid	7.5 2150 NiMH Black	69.30 1 0.45	49.00 48.76 48.51
457023 1 EACH	Multiplier M9049HX 18 Mo	Motorola Radius P1225	N/A Rapid	7.5 2000 NiMH Black	78.00 0.55 0.25	40.00 39.44 39.00
72940 1 EACH	JBro Batteries JB9049NIMH 12 Mo	Motorola Radius P1225	HNN9049 Rapid	7.5 2000 NiMH Black	75.80 0.55 0.25	40.00 38.20 37.88
79546 1 EACH	W & W Mfg. 060GM4537AM 1 year	Motorola Saber	NTN4537A, NTN4592 Rapid	7.5 1000 NiMH N/A	50.95 1 0.45	36.00 35.82 35.64
30929 1 EACH	Multiplier M4593 18 Mo	Motorola Saber	NTN4593C Rapid	7.5 1100 Black	76.10 0.7 0.32	39.00 38.46 38.03
NEW 41612 1 EACH	Multiplier M4538 18 Mo	Motorola Saber	NTN4538 Intrin. Safe	7.5 1100	96.60 0.5 0.23	49.51 48.82 48.28
59566 1 EACH	W & W Mfg. 060S4593 1 year	Motorola Saber	NTN4593A Rapid	7.5 1200 N/A	53.75 1 0.45	38.00 37.81 37.62
73269 1 EACH	LexStar Tech. H8251 1 Year	Motorola Saber, Astro	NTN8251 Rapid	7.5 1650 NiMH Black	110.30 0.3 0.14	56.30 56.09 55.13
464199 1 EACH	LexStar Tech. H4595R 1 Year	Motorola Saber	NTN4595C Rapid	7.5 1700 Black	53.45 0.85 0.39	27.27 27.17 26.71
23183 1 EACH	LexStar Tech. H4595 2 Year	Motorola Saber, MX1000	NTN4595C Rapid	7.5 1800 Black	64.50 0.5 0.23	32.92 32.80 32.24
43585 1 EACH	Multiplier M4596 18 mo.	Motorola Saber	NTN4596C Intrin. Safe, FM	7.5 1800 Gray	116.05 0.74 0.34	59.50 58.67 58.02
69322 1 EACH	Multiplier M4595 18 Mo	Motorola Saber	NTN4595C Rapid	7.5 1800 Black	78.00 0.5 0.23	40.00 39.44 39.00
98781 1 EACH	JBro Batteries JB4595 18 Mo	Motorola Saber	NTN4595C Rapid	7.5 1800 Black	66.30 0.92 0.42	35.00 33.43 33.15
476025 1 EACH	LexStar Tech. LX8251 2 Year	Motorola Saber/Astro	NTN8251 Rapid	7.5 2150 NiMH Black	120.90 0.5 0.23	61.73 61.50 60.45
51726 1 EACH	Multiplier M4595H 18 Mo	Motorola Saber	N/A Rapid	7.5 2700 NiMH N/A	87.80 0.72 0.33	45.00 44.37 43.88
32611 1 EACH	W & W Mfg. 060VM4595AM 1 year	Motorola Saber	NTN4595A Rapid	7.5 2750 NiMH N/A	63.65 0.5 0.23	45.00 44.78 44.55
425095 1 EACH	LexStar Tech. LX4595LI 1 Year	Motorola Saber	NTN4595C Rapid	7.5 3500 LiIO	186.75 0.75 0.34	95.33 94.99 93.36
66644 1 EACH	Multiplier M9018 18 mo.	Motorola SP50	HNN9018A Rapid	7.5 1200 Gray	42.20 0.74 0.34	21.62 21.32 21.08
68830 1 EACH	W & W Mfg. 060X49018A 1 year	Motorola SP50	HNN9018A Rapid	7.5 1200 White	37.90 1 0.45	26.78 26.65 26.52
73339 1 EACH	LexStar Tech. H9018 2 Year	Motorola SP50	HNN9018AR Rapid	7.5 1200 White	58.05 0.3 0.14	29.63 29.52 29.02
425021 1 EACH	W & W Mfg. 060X4M9018AM 1 year	Motorola SP50	HNN9018A Rapid	7.5 2150 NiMH	52.05 0.6 0.27	36.78 36.60 36.42
16999 1 EACH	JBro Batteries JB4327C 18 Mo	Motorola STX	NTN4327B Rapid	7.5 1800 Dark gray	66.30 0.93 0.42	35.00 33.43 33.15
23567 1 EACH	Multiplier M4327B 18 Mo	Motorola STX	NTN4327B Rapid	7.5 1800 Dark gray	72.20 0.88 0.4	37.00 36.49 36.08
NEW 28849 1 EACH	Multiplier M4500 18 Mo	Motorola STX	NTN4500 Intrin. Safe, FM	7.5 1800	103.85 0.93 0.42	53.24 52.50 51.91
448072 1 EACH	LexStar Tech. H4327B 2 Year	Motorola STX, MX800	NTN4327B Rapid	7.5 1800	79.50 0.5 0.23	40.58 40.43 39.74
25093 1 EACH	W & W Mfg. 061E7395NICD 1 year	Motorola Visar	NTN7395A/96A Rapid	7.5 1200	56.85 0.5 0.23	40.17 39.97 39.77
436078 1 EACH	Multiplier M7398 18 Mo	Motorola Visar	NTN7398BR Intrin. Safe, FM	7.5 1200 Black	143.95 0.5 0.23	73.80 72.77 71.96

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Continuing product table (8 of 8)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Brand Radio Model	OEM Battery Number Charge	Voltage Capacity (mAh) Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
54028 1 EACH	Multiplier M7395 18 Mo	Motorola Visar	NTN7395AR Rapid	7.5 1200 Black	87.80 0.44 0.2	45.00 44.37 43.88
73383 1 EACH	LexStar Tech. H7395 2 Year	Motorola Visar	NTN7395 Rapid	7.5 1200 Black	87.70 0.3 0.14	44.78 44.61 43.85
27147 1 EACH	JBro Batteries JB7394 18 Mo	Motorola Visar	NTN7394A Rapid	7.5 1500 Black	82.90 0.46 0.21	43.75 41.79 41.44
422005 1 EACH	Multiplier M7397 18 Mo	Motorola Visar	NTN7397BR Intrin. Safe, FM	7.5 1500 NiMH Black	149.20 0.5 0.23	76.51 75.44 74.60
434161 1 EACH	LexStar Tech. H7394R 1 Year	Motorola Visar	NTN7394 Rapid	7.5 1500 NiMH Black	44.35 0.3 0.14	22.64 22.55 22.17
73355 1 EACH	LexStar Tech. H7394 2 Year	Motorola Visar	NTN7394 Rapid	7.5 1500 Black	91.90 0.52 0.24	46.92 46.74 45.95
92421 1 EACH	Multiplier M7394 18 Mo	Motorola Visar	NTN7394BR Rapid	7.5 1500 NiMH Black	117.00 0.5 0.23	60.00 59.16 58.50
76700 1 EACH	W & W Mfg. 061D7394NIMH 1 year	Motorola Visar	NTN7394A Rapid	7.5 2150 NiMH	63.65 0.5 0.23	45.00 44.78 44.55
470060 1 EACH	Multiplier M8299 18 Mo	Motorola XTS3000	NTN8299AR Intrin. Safe, FM	7.5 1650 NiMH	122.90 0.7 0.32	63.00 62.12 61.43
417025 1 EACH	LexStar Tech. H8297 2 Year	Motorola XTS3000	NTN8297AR Intrin. Safe, FM	7.5 1700 Ruggedized	112.85 1 0.45	57.61 57.40 56.42
427010 1 EACH	Multiplier M8295 18 Mo	Motorola XTS3000	NTN8295AR Intrin. Safe, FM	7.5 1500	140.40 1 0.45	72.00 71.00 70.20
464059 1 EACH	LexStar Tech. H8295 2 Year	Motorola XTS3000	NTN8295AR Intrin. Safe	7.5 1700	112.85 1 0.45	57.61 57.40 56.42
53264 1 EACH	W & W Mfg. 061H8294 1 year	Motorola XTS3000, MTP300	NTN8294A N/A	7.5 1700 N/A	80.65 1 0.45	57.00 56.72 56.43
66310 1 EACH	Multiplier M8294 18 Mo	Motorola XTS3000	NTN8294AR Rapid	7.5 1700	89.70 1 0.45	46.00 45.36 44.85
85637 1 EACH	LexStar Tech. H8294 2 Year	Motorola XTS3000	NTN8294A Rapid	7.5 1700	86.00 1 0.45	43.90 43.74 42.99
40050 1 EACH	W & W Mfg. 061HM8299AM 1 yr	Motorola XTS3000, MPT200, MTP300, TETRA: MTH200/300	NTN8299AM Rapid	7.5 2150 NiMH	80.65 1 0.45	57.00 56.72 56.43
85638 1 EACH	LexStar Tech. H8923 1 Year	Motorola XTS3000	NTN8923AR Rapid	7.5 2700 NiMH	94.05 1 0.45	48.01 47.84 47.02
66322 1 EACH	Multiplier M8923 18 Mo	Motorola XTS3000	NTN8923AR Rapid	7.5 2100 NiMH	101.40 1 0.45	52.00 51.28 50.70
478027 1 EACH	LexStar Tech. H8299 1 Year	Motorola XTS3000	NTN8299AR Intrin. Safe, FM	7.5 2700 NiMH	139.75 1 0.45	71.33 71.07 69.86
72874 1 EACH	JBro Batteries JB8923 12 Mo	Motorola XTS3000	NTN8923AR Rapid	7.5 2700 NiMH N/A	104.20 0.52 0.24	55.00 52.53 52.09
85648 1 EACH	LexStar Tech. H8923XT 1 Year	Motorola XTS3000	Alexander original Rapid	7.5 4000 NiMH	126.15 1 0.45	64.39 64.15 63.06
26836 1 EACH	W & W Mfg. 061HSSM8299SSM 1 yr	Motorola XTS3000, MPT200, MTP300, TETRA: MTH200/300	NTN8299SSM N/A	7.5 4000 NiMH N/A	99.00 0.75 0.34	70.00 69.65 69.30
428035 1 EACH	LexStar Tech. H8299XT 1 Year	Motorola XTS3000	Alexander original Intrin. Safe, FM	7.5 4000 NiMH	185.40 1.25 0.57	94.65 94.30 92.69
472092 1 EACH	JBro Batteries JB8923HC 12 Mo	Motorola XTS3000	NTN8923AR Rapid	7.5 4000 NiMH N/A	106.50 0.52 0.24	56.20 53.68 53.23
NEW **478367** 1 EACH	Multiplier M8620LX 18 Mo.	Motorola XTS3000	Multiplier Orig.	7.5 4000 Lilo	292.50 0.5 0.23	150.00 147.90 146.25
66346 1 EACH	Multiplier M8923HX 18 Mo	Motorola XTS3000	NTN8923AR Rapid	7.5 4000 NiMH	117.00 0.86 0.39	60.00 59.16 58.50

Ericsson/ M/A-COM Batteries [300-51]

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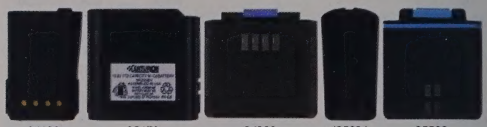

26139 25670 34380 425026 35508

Continuing product table (1 of 5)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Brand Radio Model	OEM Battery Number Charge	Voltage Capacity (mAh) Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW **439324** 1 EACH	Centurion ED2121 1 Year	M/A-COM EDACS 300P	BKB191212/1 Rapid	7.5 1100	105.30 0.3 0.14	54. 53. 52.
NEW **478341** 1 EACH	Multiplier M191212/1 18 MOS	M/A-COM / ERICSSON EDACS 300P	BKB191212/1 Rapid	7.5 1100	105.30 0.4 0.18	54. 53. 52.
NEW **495300** 1 EACH	Multiplier M191212/3 18 MOS	M/A-COM / ERICSSON EDACS 300P	BKB191212/3 Intrin Safe,CSA,FM	7.5 1100	115.85 0.4 0.18	59. 58. 57.
NEW **495304** 1 EACH	Centurion ED2123 1 Year	M/A-COM EDACS 300P	BKB191212/3 Intrin, Safe, FM, CSA	7.5 1100	115.95 0.3 0.14	59. 58. 57.
NEW **470397** 1 EACH	Centurion ED2122 1 Year	M/A-COM EDACS 300P	BKB191212/2 Rapid	7.5 1500	110.00 0.3 0.14	56. 55. 54.
NEW **473303** 1 EACH	Multiplier M191212/4 18 MOS	M/A-COM / ERICSSON EDACS 300P	BKB191212/4 Intrin Safe,CSA,FM	7.5 1500	114.30 0.4 0.18	58. 57. 57.
NEW **489324** 1 EACH	Centurion ED2124 1 Year	M/A-COM EDACS 300P	BKB191212/4 Intrin. Safe, CSA	7.5 1500	114.45 0.3 0.14	58. 58. 57.
NEW **491328** 1 EACH	Multiplier M191212/2 18 MOS	M/A-COM / ERICSSON EDACS 300P	BKB191212/2 Rapid	7.5 1500 NiCd	110.00 0.4 0.18	56. 55. 54.
NEW **470322** 1 EACH	Multiplier M191210/3 18 Mo	Ericsson/ M/A-COM Jaguar	191210/3 Rapid	7.5 1700	120.90 0.5 0.23	62. 61. 60.
NEW **487338** 1 EACH	Multiplier M191210/4 18 Mo	Ericsson/ M/A-COM Jaguar	191210/4 Rapid	7.5 2700 NiMH	140.40 0.5 0.23	72. 71. 70.
NEW **471325** 1 EACH	Multiplier M191210/5 18 MOS	M/A-COM / ERICSSON JAGUAR, SPD-2000, J-700P	BKB191210/5 Intrin Safe,CSA, FM	7.5 1700	111.55 0.4 0.18	57. 56. 55.
NEW **457328** 1 EACH	Multiplier M191210/6 18 MOS	M/A-COM / ERICSSON JAGUAR, SPD-2000, J-700P	BKB191210/6 Intrin Safe,CSA,FM	7.5 2700	204.80 0.4 0.18	105 103 102
26139 1 EACH	W & W Mfg. 005ABKB203 1 Year	Ericsson/ M/A-COM KPC300, KPC400, LPE200, PRISM,Panther 500P	BKB191203 Rapid	7.5 1200	55.15 0.5 0.23	39. 38. 38.
449197 1 EACH	Multiplier M191203/2 18 Mo	Ericsson/ M/A-COM KPC/LPE	BKB191203/2 Intrin. Safe, FM	7.5 1200	158.00 0.5 0.23	81. 79. 78.
487079 1 EACH	LexStar Tech. R1203 2 Year	Ericsson/ M/A-COM KPC300, KPC400, LPE200	BKB191203, KPPA7L Rapid	7.5 1200	126.10 0.5 0.23	64. 64. 63.
489071 1 EACH	LexStar Tech. R1205 2 Year	Ericsson/ M/A-COM KPC300, KPC400, LPE200	BKB191203/2 Intrin. Safe, FM	7.5 1200	182.75 0.5 0.23	93. 92. 91.

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Batteries, Two-Way Portable

tinuing product table (2 of 5)

rt No. y/Uom	Manufacturer Mfg. P/N Warranty	Radio Brand Radio Model	OEM Battery Number Charge	Voltage Capacity (mAh) Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
2925 EACH	W & W Mfg. 005A1BKB202 1 Year	Ericsson/ M/A-COM KPC300, KPC400, LPE200, PRISM, Panther 500P	BKB191202 Rapid	7.5 1700	109.25 0.56 0.25	77.25 76.87 76.48
50187 EACH	Multiplier M191202/2 18 Mo	Ericsson/ M/A-COM KPC/LPE	BKB191202/2 Intrin. Safe, FM	7.5 1600	175.50 0.5 0.23	90.00 88.74 87.75
26060 EACH	W & W Mfg. 005AMBKB203M 1 Year	Ericsson/ M/A-COM KPC300, KPC400, LPE200, PRISM, Panther 500P	BKB191203, KPPA7L Rapid	7.2 2150 NiMH	114.65 0.5 0.23	81.07 80.67 80.26
15093 EACH	W & W Mfg. 005A1MBKB202M 1 Year	Ericsson/ M/A-COM KPC300, KPC400, LPE200, PRISM, Panther 500P	BKB191202, KPPA7M Rapid	7.2 2700 NiMH	123.40 0.5 0.23	87.25 86.82 86.38
NEW 62308 EACH	Centurion LP2032 1 Year	M/A-COM LPE 200 & KPC	BKB191203/2 Intrin. Safe, FM	7.5 1500	114.45 0.3 0.14	58.67 58.09 57.21
NEW 16346 EACH	Centurion LP203 1 Year	M/A-COM LPE 200 & KPC	BKB191203 Rapid	7.5 1500	104.75 0.3 0.14	53.70 53.17 52.36
NEW 15331 EACH	Centurion LP203ISAB 1 Year	M/A-COM LPE 200 & KPC	BKB191203CSA, ISAB Intrin. Safe, CSA	7.5 1500	323.25 0.3 0.14	165.76 164.11 161.62
1888 EACH	Multiplier M191203 18 Mo	Ericsson/ M/A-COM LPE200, LPE400	BKB191203 Rapid	7.5 1200	97.50 0.5 0.23	50.00 49.30 48.75
NEW 9341 EACH	Centurion LP2022 1 Year	M/A-COM LPE 200 & KPC	BKB191202/2 Intrin. Safe, FM, CSA	7.5 1600	116.80 0.3 0.14	59.87 59.28 58.38
NEW 3333 EACH	Centurion LP202 1 Year	M/A-COM LPE 200 & KPC	BKB191202 Rapid	7.5 1600	111.00 0.3 0.14	56.90 56.34 55.48
0039 EACH	LexStar Tech. R1202 2 Year	Ericsson/ M/A-COM LPE200, KPC300, KPC400	BKB191202, KPPA7M Rapid	7.5 1700	150.75 0.75 0.34	76.96 76.67 75.37
0052 EACH	LexStar Tech. R1204 2 Year	Ericsson/ M/A-COM LPE200, KPC300, KPC400	BKB191202/2 Intrin. Safe, FM	7.5 1700	201.50 0.75 0.34	102.88 102.50 100.75
4833 EACH	Multiplier M191202 18 Mo	Ericsson/ M/A-COM LPE200, LPE400	BKB191203 Rapid	7.5 1700	146.30 0.5 0.23	75.00 73.95 73.13
2075 EACH	LexStar Tech. R1203NIMH 1 Year	Ericsson/ M/A-COM LPE200, KPC300, KPC400	Alexander original Rapid	7.5 2000 NiMH	166.90 0.75 0.34	85.19 84.87 83.43
8009 EACH	LexStar Tech. LX1203NIMH 2 Year	Ericsson/ M/A-COM LPE200, KPC300, KPC400	Alexander original Rapid	7.5 2150 NiMH	173.30 0.75 0.34	88.48 88.15 86.65
8096 EACH	LexStar Tech. LX1202NIMH 1 Year	Ericsson/ M/A-COM LPE200, KPC300, KPC400	BKB191202 Rapid	7.5 2500 NiMH	185.40 0.75 0.34	94.65 94.30 92.69
9007 EACH	LexStar Tech. LX1202NIMH 1 Year	Ericsson/ M/A-COM LPE200, KPC300, KPC400	Alexander original Rapid	7.5 2750 NiMH	185.40 0.75 0.34	94.65 94.30 92.69
1789 EACH	JBro Batteries JB-MGP5B 18 Mo	Ericsson/ M/A-COM MGP148,/160/450	MGPA5B Rapid	11.25 600	54.00 0.63 0.29	28.50 27.22 26.99
670 EACH	Centurion MG5061 1 Year	M/A-COM Monogram	344A4506P1 Rapid	10.8 600	81.25 0.3 0.14	41.65 41.24 40.61
102 EACH	W & W Mfg. 006A14506P1 1 Year	Ericsson/ M/A-COM Monogram	MGPA5B,344A4506P1 Rapid	10.8 600 Black	46.65 1 0.45	32.96 32.80 32.63
EW 2343 EACH	Centurion MT2041 1 Year	M/A-COM Monogram	BKB191204/1 Rapid	7.2 1100	116.60 0.3 0.14	59.79 59.20 58.30
5023 EACH	LexStar Tech. R5063 2 Year	Ericsson/ M/A-COM Monogram	344A4506P3 Rapid	10.8 1200	90.45 0.5 0.23	46.17 46.01 45.22
063 EACH	Centurion MG5063 1 Year	M/A-COM Monogram	344A4506P3 Rapid	10.8 1200	91.05 0.3 0.14	46.67 46.21 45.51
918 EACH	W & W Mfg. 006A4BKB204 1 Year	Ericsson/ M/A-COM Monogram, EDACS, MGPA-7F	BKB191204/ IR1,2A	7.2 1200	97.60 1 0.45	69.00 68.66 68.31
4070 EACH	W & W Mfg. 006A2M4506P3M 1 Year	Ericsson/ M/A-COM Monogram	MGPA5C Rapid	10.8 2700 NiMH Black	69.50 0.5 0.23	49.14 48.90 48.65

Continuing product table (3 of 5)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Brand Radio Model	OEM Battery Number Charge	Voltage Capacity (mAh) Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
34380 1 EACH	Multiplier M4850P7 18 Mo	Ericsson/ M/A-COM MPA, MPD, PLS, TPX	19A704850P7 Rapid	7.5 1200 Short	113.10 0.53 0.24	58.00 57.19 56.55
40868 1 EACH	LexStar Tech. R8507 2 Year	Ericsson/ M/A-COM MPA, MPD, PLS, TPX	19A704850P1/3/ 5/7 Rapid	7.5 1200 Dark Gray	151.15 0.5 0.23	77.16 76.88 75.57
NEW 425350 1 EACH	Centurion MP2052 1 Year	M/A-COM MPA	BKB191205/2 Intrin. Safe, FM	7.5 1400	111.50 0.3 0.14	57.17 56.60 55.75
NEW 495351 1 EACH	Multiplier M191205/2 18 MOS	M/A-COM / ERICSSON MPA/ MPD/ TPX/ PLS	BKB191205/2 Intrin Safe, FM	7.5 1400	111.55 0.4 0.18	57.20 56.40 55.77
58785 1 EACH	Centurion MP2051 1 Year	M/A-COM MPA, MPD	BKB191205/1 Rapid	7.5 1400	113.10 0.3 0.14	58.00 57.42 56.55
29278 1 EACH	Multiplier M4860P7 18 Mo	Ericsson/ M/A-COM MPA, MPD, PLS,TPX	19A704860P7 Rapid	7.5 1700 Tall	146.30 0.77 0.35	75.00 73.95 73.13
NEW 416328 1 EACH	Centurion MP2058 1 Year	M/A-COM MPA	BKB191205/8 Intrin. Safe, CSA	7.5 1700	313.35 0.4 0.18	160.67 159.07 156.66
NEW 438333 1 EACH	Multiplier M191205/4 18 MOS	M/A-COM / ERICSSON MPA/ MPD/ TPX/ PLS	BKB191205/4 Intrin Safe, FM	7.5 1700	134.95 0.4 0.18	69.20 68.24 67.47
NEW 441310 1 EACH	Centurion MP2054 1 Year	M/A-COM MPA	BKB191205/4 Intrin. Safe, FM	7.5 1700	134.90 0.4 0.18	69.17 68.48 67.45
NEW 498366 1 EACH	Multiplier M191205/8 18 MOS	M/A-COM / ERICSSON MPA/ MPD/ TPX/ PLS	BKB191205/8 Intrin Safe, CSA	7.5 1700	313.20 0.4 0.18	160.60 158.36 156.59
97178 1 EACH	Centurion MP2053 1 Year	M/A-COM MPA, MPD	BKB191205/3 Rapid	7.5 1700	146.30 0.4 0.18	75.00 74.25 73.13
79261 1 EACH	LexStar Tech. R8607 2 Year	Ericsson/ M/A-COM MPA, MPD, MTL, PLS, TPX	19A704860P1/3/ 5/7 Rapid	7.5 1800 Black	168.80 0.81 0.37	86.17 85.86 84.39
47890 1 EACH	Multiplier M522G4B 18 Mo	Ericsson/ M/A-COM MPE, PE, PY	19D413522G4 Rapid	7.5 1100 Black	47.80 0.62 0.28	24.50 24.16 23.89
12003 1 EACH	JBro Batteries JB639G2(P) 18 Mo	Ericsson/ M/A-COM MPI 2 watt	19D900639G2 Standard	7.5 600 Black	37.90 0.35 0.16	20.00 19.10 18.94
12456 1 EACH	Centurion MP6392 1 Year	M/A-COM MPI 2 watt	19D900639G6/2 Rapid	7.5 600 Black	119.60 0.3 0.14	61.33 60.72 59.80
34676 1 EACH	Multiplier M639G2 18 Mo	Ericsson/ M/A-COM MPI 2 watt	19D900639G2 Standard	7.5 600 Black	39.00 0.35 0.16	20.00 19.72 19.50
25217 1 EACH	JBro Batteries JB639G3(P) 18 Mo	Ericsson/ M/A-COM MPI 4 watt	19D900639G3 Standard	10.0 600 Black	45.00 0.44 0.2	23.75 22.69 22.50
73005 1 EACH	Centurion MP6393 1 Year	M/A-COM MPI 4 watt	19D900639G7/3 Rapid	10.0 600 Black	78.70 0.44 0.2	40.33 39.93 39.33
73069 1 EACH	Multiplier M639G3 18 Mo	Ericsson/ M/A-COM MPI 4 watt	19D900639G3 Standard	10.0 600 Black	50.70 0.44 0.2	26.00 25.64 25.35
15689 1 EACH	LexStar Tech. R6391 2 Year	Ericsson/ M/A-COM MPI 2-watt	19D900639G1/2/ 4 Rapid	7.5 600 Black	50.00 0.3 0.14	25.52 25.42 24.99
33427 1 EACH	Multiplier M763G3 18 Mo	Ericsson/ M/A-COM MPX, GMV	19D429763G3 Rapid	7.5 1200 Black	61.45 0.63 0.29	31.50 31.06 30.72
444116 1 EACH	LexStar Tech. R9776-3 2 Year	Ericsson/ M/A-COM MPX	195D429777G4 Intrin. Safe	7.5 1200 Black	134.25 0.3 0.14	68.54 68.29 67.12
85034 1 EACH	Multiplier M777G3 18 Mo	Ericsson/ M/A-COM MPX, GMV	19D429777G3 Rapid	7.5 1400 Black	80.00 0.87 0.4	41.00 40.43 39.98
NEW 428333 1 EACH	W & W Mfg. 011A3487P1 1 Year	Ericsson/ M/A-COM MRK	344A3487P1	7.5 650	48.40 1 0.45	34.20 34.03 33.86
NEW 466352 1 EACH	W & W Mfg. 011AM3487P1M 1 Year	Ericsson/ M/A-COM MRK	344A3487P1	7.5 1100 NiMH	54.85 1 0.45	38.76 38.57 38.38
426074 1 EACH	LexStar Tech. R9838 2 Year	Ericsson/ M/A-COM MRK-I, MRK-II	Alexander original Cylindrical cells	7.5 1100 Black	94.50 0.3 0.14	48.23 48.06 47.24
417146 1 EACH	Multiplier M838P2 18 Mo	Ericsson/ M/A-COM MRK	19A149838P2 Intrin. Safe, FM	7.5 1100	149.20 0.5 0.23	76.51 75.44 74.60

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Batteries, Two-Way Portable

Continuing product table (4 of 5)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Brand Radio Model	OEM Battery Number Charge	Voltage Capacity (mAh) Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
71879 1 EACH	Multiplier M838P1 18 Mo	Ericsson/ M/A-COM MRK	19A149838P1 Rapid	7.5 1200	136.50 0.5 0.23	70.00 69.02 68.25
NEW 472395 1 EACH	W & W Mfg. 011B149838P1 1 Year	Ericsson/ M/A-COM MRK	19A149838P1	7.5 1200	48.40 1 0.45	34.20 34.03 33.86
NEW 479395 1 EACH	W & W Mfg. 011BM149838P1M 1 Year	Ericsson/ M/A-COM MRK	19A149838P1	7.5 1650 NiMH	54.85 1 0.45	38.76 38.57 38.38
441004 1 EACH	Multiplier M838P3 18 Mo	Ericsson/ M/A-COM MRK	19A149838P3 Rapid	7.5 1700	109.20 0.5 0.23	56.00 55.22 54.60
448140 1 EACH	Multiplier M278P2 18 Mo	Ericsson/ M/A-COM MRK	344A3278P2 Intrin. Safe, FM	7.5 1700	114.10 0.5 0.23	58.51 57.70 57.05
30589 1 EACH	LexStar Tech. R3278 2 Year	Ericsson/ M/A-COM MRK-I, MRK-II	344A3278P1 Rapid	7.5 1800 Black	117.70 0.81 0.37	60.08 59.86 58.84
66135 1 EACH	LexStar Tech. R2782 2 Year	Ericsson/ M/A-COM MRK-I, MRK-II	344A3278P2 Intrin. Safe	7.5 1800 Black	192.40 1 0.45	98.22 97.86 96.19
73633 1 EACH	JBro Batteries JB3278 18 Mo	Ericsson/ M/A-COM MRK	344A3278P1 Rapid	7.5 1800 Black	106.55 0.44 0.2	56.25 53.72 53.27
NEW 497357 1 EACH	W & W Mfg. 011C3278P1 1 Year	Ericsson/ M/A-COM MRK	344A3278P1	7.5 1800	51.60 1 0.45	36.48 36.30 36.12
NEW 462324 1 EACH	W & W Mfg. 011CM3278P1M 1 Year	Ericsson/ M/A-COM MRK	344A3278P1	7.5 3000 NiMH	60.85 1 0.45	43.00 42.79 42.57
NEW 413305 1 EACH	Multiplier M838P3H 18 MOS	M/A-COM / ERICSSON MRK	M838P3H Rapid	7.5 2800 NiMH	119.00 0.45 0.2	61.00 60.15 59.48
489099 1 EACH	LexStar Tech. R3278NIMH 1 Year	Ericsson/ M/A-COM MRK-I, MRK-II	Alexander original Rapid	7.5 3000 NiMH	205.55 0.98 0.45	104.94 104.55 102.77
421019 1 EACH	LexStar Tech. LX3278NIMH 2 Year	Ericsson/ M/A-COM MRK Series	Alexander original Rapid	7.5 3000 NiMH	205.55 1 0.45	104.94 104.55 102.77
NEW 476300 1 EACH	Centurion PE5224E 1 Year	M/A-COM MVP, PE, MPE	19D413522G4	7.5 1000	78.70 0.3 0.14	40.33 39.93 39.33
NEW 455388 1 EACH	Multiplier MTOPB100 18 Mo	Ericsson/Tait Panther/Orca	TOPB100	7.5 1100	52.70 1 0.45	27.00 26.63 26.33
425026 1 EACH	W & W Mfg. 349A-TOPB100 1 Year	Ericsson/Tait Panther/Cougar 400P, 600P, 625P/ Orca	TOPB100 Slim Case	7.2 1200	38.20 1 0.45	27.00 26.87 26.73
NEW 420358 1 EACH	Multiplier MTOPB100H 18 Mo	Ericsson/Tait Panther/Orca	TOPB100	7.5 1450 NiMH	60.50 1 0.45	31.00 30.57 30.23
NEW 425375 1 EACH	Centurion P203500 1 Year	M/A-COM Panther 500P	BKB191203/500	7.5 1500 Short	88.70 0.3 0.14	45.47 45.02 44.34
NEW 456308 1 EACH	Centurion P203502 1 Year	M/A-COM Panther 500P	BKB191203/502 Intrin. Safe, FM, CSA	7.5 1500 Short	113.85 0.3 0.14	58.36 57.78 56.91
490069 1 EACH	W & W Mfg. 349B-TOPB200 1 Year	Ericsson/Tait Panther/Cougar 400P, 600P, 625P/ Orca	TOPB200 Standard Case	7.2 1500	44.55 1 0.45	31.50 31.35 31.19
NEW 446354 1 EACH	Centurion P202500 1 Year	M/A-COM Panther 500P	BKB191202/500 Rapid	7.5 1600 Tall	109.90 0.3 0.14	56.35 55.79 54.95
NEW 455312 1 EACH	Centurion P202502IS 1 Year	M/A-COM Panther 500P	BKB191202/ 502,ISAB Intrin. Safe, FM, CSA	7.5 1500 Tall	347.80 0.3 0.14	178.33 176.55 173.88
NEW 459392 1 EACH	Centurion P202502 1 Year	M/A-COM Panther 500P	BKB191202/502 Intrin. Safe, FM, CSA	7.5 1600 Tall	113.85 0.3 0.14	58.36 57.78 56.91
499099 1 EACH	W & W Mfg. 349AM-TOPB100M 1 Year	Ericsson/Tait Panther/Cougar 400P, 600P, 625P/ Orca	TOPB100 Standard Case	7.2 1650 NiMH	45.25 1 0.45	32.00 31.84 31.68
420051 1 EACH	W & W Mfg. 349BM-TOPB200M 1 Year	Ericsson/Tait Panther/Cougar 400P, 600P, 625P/ Orca	TOPB300 Standard Case	7.2 2150 NiMH	63.40 1 0.45	44.80 44.58 44.36
96860 1 EACH	Multiplier M5293P1 18 Mo	Ericsson/ M/A-COM PCS	19A705293P1 Rapid	7.5 1100 Black	113.10 0.54 0.25	58.00 57.19 56.55
28485 1 EACH	JBro Batteries JB-2931 1 Year	Ericsson/ M/A-COM PCS	19A705293P1 Rapid	7.5 1200 Black	127.90 0.25 0.11	67.50 64.47 63.93

Continuing product table (5 of 5)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Brand Radio Model	OEM Battery Number Charge	Voltage Capacity (mAh) Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
35508 1 EACH	LexStar Tech. R2931 2 Year	Ericsson/ M/A-COM PCS	19A705293P1 Rapid	7.5 1200 Black	148.35 0.25 0.11	75.72 75.44 74.16
63262 1 EACH	W & W Mfg. 10C5293P1 1 Year	Ericsson/ M/A-COM PCS	19A705293P1 Rapid	7.5 1200 Black	61.20 0.5 0.23	43.26 43.05 42.83
32357 1 EACH	Centurion PC5293P1 1 Year	M/A-COM PCS	19A705293P1	7.5 1400	113.10 0.3 0.14	58.00 57.42 56.55
NEW 448308 1 EACH	Centurion PC5293P5 1 Year	M/A-COM PCS	19A705293P5 Intrin. Safe, FM	7.5 1400	124.00 0.4 0.18	63.57 62.94 61.99
NEW 448346 1 EACH	Multiplier M5293P5 18 MOS	M/A-COM / ERICSSON PCS	M5293P5 Rapid	7.5 1400 NiCd	124.05 0.4 0.18	63.60 62.71 62.01
11655 1 EACH	W & W Mfg. 10C25293P1 1 Year	Ericsson/ M/A-COM PCS	19A705293P1 Rapid	7.5 1700-Small Case Black	89.90 0.25 0.11	63.56 63.25 62.93
19143 1 EACH	Centurion PC5293P2 1 Year	M/A-COM PCS	19A705293P2	7.5 1700	146.30 0.4 0.18	75.00 74.25 73.13
66878 1 EACH	JBro Batteries JB-2932 1 Year	Ericsson/ M/A-COM PCS	19A705293P2 Rapid	7.5 1700 Black	142.10 0.63 0.29	75.00 71.63 71.03
83646 1 EACH	Multiplier M5293P2 18 Mo	Ericsson/ M/A-COM PCS	19A705293P2 Rapid	7.5 1700 Black	146.30 0.78 0.35	75.00 73.95 73.13
36359 1 EACH	LexStar Tech. R2932 2 Year	Ericsson/ M/A-COM PCS	19A705293P2 Rapid	7.5 1800 Black	167.30 0.3 0.14	85.39 85.08 83.63
NEW 426302 1 EACH	Centurion PC5293P3 1 Year	M/A-COM PCS	19A705293P3 Intrin. Safe, FM	7.5 1800	145.05 0.4 0.18	74.36 73.62 72.51
NEW 59839 1 EACH	Multiplier M5293P3 18 Mo	Ericsson/ M/A-COM PCS	19A705293P3 Intrin. Safe, FM	7.5 1800 Black	239.25 1 0.45	122.6 120.9 119.6
440096 1 EACH	W & W Mfg. 010CM5293P1M 1 Year	Ericsson/ M/A-COM PCS	19A705293P1 Rapid	7.5 2150 NiMH Black	75.35 0.62 0.28	53.26 53.00 52.73
465095 1 EACH	W & W Mfg. 010C2M5293P1(S)M 1 Year	Ericsson/ M/A-COM PCS	19A705293P2 Rapid	7.5 2700 NiMH Black	90.10 0.5 0.23	63.56 63.25 63.00
NEW 451351 1 EACH	Centurion J2105 1 Year	M/A-COM SPD 2000 J-700P	BKB191210/5 Intrin. Safe, FM, CSA	7.5 1700	125.90 0.3 0.14	64.55 63.9 62.94
NEW 472344 1 EACH	Centurion J2103 1 Year	M/A-COM SPD 2000 J-700P/Pi	BKB191210/3 Rapid	7.5 1700	123.25 0.3 0.14	63.26 62.57 61.65
NEW 431349 1 EACH	Centurion J2106 1 Year	M/A-COM SPD 2000 J-700P	BKB191210/6 Intrin. Safe, FM, CSA	7.5 2700 NiMH	136.45 0.3 0.14	69.95 69.26 68.2
NEW 465363 1 EACH	Centurion J2104 1 Year	M/A-COM SPD 2000 J-700P	BKB191210/4 Rapid	7.5 2700 NiMH	134.10 0.3 0.14	68.7 68.0 67.0

Icom Batteries [300-55]

If you are buying these, you may need:

Two-Way Battery Conditioners . . . . . page 118
Battery Analyzers/Conditioners . . . . . page 119

Batteries for Icom Radios

19001 85233 73105

Continuing product table (1 of 3)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Brand Radio Model	OEM Battery Number Charge	Voltage Capacity (mAh) Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
444090 1 EACH	W & W Mfg. 024J1CM73 1 year	Icom H18, U18, H19	CM73 rapid	13.2 1200 Black	84.85 0.44 0.2	60.0 59.7 59.4
448006 1 EACH	W & W Mfg. 024J1MCM73M 1 year	Icom H18, U18, H19	CM73 rapid	13.2 2700 NiMH Black	106.10 0.44 0.2	75.0 74.6 74.2

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Batteries, Two-Way Portable

nuing product table (2 of 3)

t No. /Uom	Manufacturer Mfg. P/N Warranty	Radio Brand Radio Model	OEM Battery Number Charge	Voltage Capacity (mAh) Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
5037 ACH	W & W Mfg. 024J3MCM80M 1 year	Icom H28, U28	CM80 rapid	7.2 1000 NiMH Black	79.20 0.35 0.16	56.00 55.72 55.44
4011 ACH	W & W Mfg. 024J3CM80 1 year	Icom H28, U28	CM80 rapid	7.2 700 Black	73.55 0.25 0.11	52.00 51.74 51.48
001 ACH	W & W Mfg. 024RE1CM141 1 year	Icom ICF30LT	CM141 standard	7.2 1500 Black	73.90 0.5 0.23	52.23 51.97 51.71
013 ACH	W & W Mfg. 024RE2CM142NI 1 year	Icom ICF30LT, ICF39IC, F40LT	CM142 rapid	7.2 2200 NiMH N/A	68.50 0.5 0.23	48.41 48.17 47.93
556 ACH	W & W Mfg. 024A2CM166S 1 year	Icom ICA3, ICA22	CM166S rapid	12 1200 Black	100.55 0.44 0.2	71.07 70.72 70.36
468 ACH	W & W Mfg. 024ACM166 1 year	Icom ICA3	CM166 standard	12 700 Black	94.70 0.5 0.23	66.95 66.62 66.29
3043 ACH	LexStar Tech. CM196 2 years	Icom H6, HU2, H/U12, H/U16, IC-A2, M2, M5, M12	ICF3, ICF4, ICT2A Rapid	9.6 1050	61.30 0.75 0.34	31.28 31.16 30.63
009 ACH	W & W Mfg. 024IIC7S 1 year	Icom/Maxon/Realistic ICH2, ICH6, ICH12, U12,U16, U18/ GMRS/ HTX202/ HTX404	IC7S rapid	13.2 1800 Black	75.15 0.44 0.2	53.11 52.85 52.58
842 ACH	W & W Mfg. 024JIC8S 1 year	Icom/Maxon/Realistic ICH2, ICH6, ICH12, U12,U16, U18/ GMRS/ HTX202/ HTX404	IC8S Base Charge	9.6 1800	69.90 1 0.45	49.40 49.16 48.91
118 ACH	W & W Mfg. 024IM7SM 1 year	Icom ICH2, ICH6, U12, U16	BP7S rapid	13.2 2200 NiMH N/A	85.95 2 0.91	60.77 60.47 60.17
381 ACH	LexStar Tech. CM7 2 years	Icom H6, HU2, H/U12, H/U16, IC-A2, M2, M5, M12	ICBP7, ICCM7 Rapid	13.2 600	90.80 0.6 0.27	46.34 46.17 45.38
233 ACH	Multiplier MCM7 18 mo	Icom H/U 16 SERIES, U2, M5, A2, A20	BP7,CM7 Dual	13.75 550 Black	96.55 0.67 0.3	49.50 48.81 48.27
511 ACH	W & W Mfg. 0241(6)M7M 3 mo.	Icom ICH2, ICH6, U12, U16	BP7 rapid	13.2 1000 NiMH N/A	85.95 0.64 0.29	60.77 60.47 60.17
590 ACH	W & W Mfg. 024J2M8M 1 year	Icom ICH2, ICH6, U6, U12	BP8 rapid	8.4 2200 NiMH N/A	77.25 0.5 0.23	54.59 54.32 54.05
526 ACH	Multiplier MCM8 18 mo	Icom H, M, U Series	BP8,CM8 Dual	8.75 1000 Black	99.50 0.71 0.32	51.00 50.29 49.73
904 ACH	W & W Mfg. 024JM8SM 1 year	Icom ICH2, ICH6, U12, U16	BP8S rapid	9.6 2200 NiMH N/A	84.50 1 0.45	59.74 59.45 59.15
056 ACH	W & W Mfg. 024J2IC8 1 year	Icom/Maxon/Realistic U16, IC2GAT, CM7, BP7 /GMRS/ HTX202/ HTX404	BP8	8.4 1800	62.65 1 0.45	44.29 44.07 43.85
023 ACH	W & W Mfg. 024K3ABP83A 1 year	Icom SA, SAT Series	BP83 N/A	7.2 1200 Black	40.80 0.5 0.23	28.84 28.70 28.56
055 ACH	W & W Mfg. 024K3AMBP83AM 1 year	Icom SA, SAT Series	BP83 N/A	7.2 1500 NiMH Black	55.35 0.5 0.23	39.14 38.95 38.75
083 ACH	W & W Mfg. 024K3AMBP83A 1 year	Icom SA, SAT Series	BP83A rapid	7.2 1650 NiMH N/A	55.35 0.5 0.23	39.14 38.95 38.75
081 ACH	W & W Mfg. 024K4BP84 1 year	Icom SA, SAT Series	BP84 rapid	7.2 1400 N/A	51.30 0.5 0.23	36.26 36.08 35.90
058 ACH	W & W Mfg. 024K5B85B 1 year	Icom SA, SAT Series	BP85 Base charge only	12 600 N/A	95.80 0.5 0.23	67.73 67.40 67.06
134 ACH	W & W Mfg. 024RIMBP157M 1 year	Icom IC2GXAT, IC2GXA, F10, F20, M10	BP157 rapid	7.2 2200 NiMH Grey	59.75 1 0.45	42.23 42.02 41.81
162 ACH	W & W Mfg. 024RB1M157ASM 1 year	Icom IC2GXAT, IC2GXA, F10, F20, M10	BP157A rapid	7.2 2200 NiMH Grey	69.35 1 0.45	49.03 48.79 48.54
120 ACH	W & W Mfg. 024TCBP173M 1 year	Icom ZIA/W31, ICT22A, T42A, W32A, ICT7	BP173 rapid	9.6 750 NiMH N/A	86.05 1 0.45	60.83 60.53 60.23

Continuing product table (3 of 3)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Brand Radio Model	OEM Battery Number Charge	Voltage Capacity (mAh) Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
81049 1 EACH	W & W Mfg. 024TCBP173 1 year	Icom ZIA/W31, ICT22A, T42A, W32A, ICT7	BP173 rapid	9.6 650 N/A	71.50 1 0.45	50.53 50.28 50.03
36062 1 EACH	W & W Mfg. 024A6MBP196M 1 year	Icom ICF3, ICF4, ICT2A, ICA4	BP196 rapid	9.6 1650 NiMH	49.50 1 0.45	35.00 34.83 34.65
65152 1 EACH	Multiplier MBP196 18 mo	Icom ICF3, ICF4	BP196 Rapid	10.0 1000	68.30 0.67 0.3	35.00 34.51 34.13
73105 1 EACH	JBro Batteries JBBP196 18 mo	Icom ICF3/F3S, ICF4/F4S, ICA4, ICT2	BP196 rapid	9.6 1050 N/A	52.10 0.52 0.24	27.50 26.27 26.05
87476 1 EACH	W & W Mfg. 024A6BP196 1 year	Icom ICF3, ICF4, ICT2A, ICA4	BP196 rapid	9.6 1200 Black	41.55 1 0.45	29.35 29.21 29.06
450142 1 EACH	Multiplier MBP196H 18 mo	Icom ICF3, ICF4	BP196 Rapid	10.0 1500 NiMH N/A	70.20 0.67 0.3	36.00 35.50 35.10
473035 1 EACH	W & W Mfg. M1V 1 year	Icom M1V	Alkaline case	Uses (6) AA cells	39.60 0.25 0.11	28.00 27.86 27.72
474034 1 EACH	W & W Mfg. T8 1 year	Icom IC-T8A, IC-T81A	Alkaline case	Uses (6) AA cells	39.60 0.25 0.11	28.00 27.86 27.72
35095 1 EACH	W & W Mfg. 024P2MBP200M 1 year	Icom IC-T8A, IC-A5, IC-A23	BP200, BP200M rapid	9.6 750 NiMH	49.55 1 0.45	35.02 34.85 34.67
435050 1 EACH	W & W Mfg. 024TBP209 1 year	Icom IC-F3GT/GS	BP209 Rapid	7.2 1200	39.60 0.5 0.23	28.00 27.86 27.72
NEW **437318** 1 EACH	Multiplier MBP209 18 mo	Icom ICF3/F4 GT, GS	BP209 Rapid	7.5 1100	50.70 0.75 0.34	26.00 25.64 25.35
492069 1 EACH	W & W Mfg. 024TAMBP209AM 1 year	Icom IC-F3GT/GS	BP209 Rapid	7.2 1300 NiMH	46.70 0.5 0.23	33.00 32.84 32.67
NEW **421335** 1 EACH	Multiplier MBP210 18 mo	Icom ICF3/F4 GT, GS	BP209 Rapid	7.5 1650 NiMH	74.10 0.75 0.34	38.00 37.47 37.05
425020 1 EACH	W & W Mfg. 024TMBP210M 1 year	Icom IC-F3GT/GS	BP210 Rapid	7.2 1650 NiMH	59.40 0.5 0.23	42.00 41.79 41.58

Kenwood Batteries [300-56]

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Two-Way Battery Conditioners . . . . . page 1188
Battery Analyzers/Conditioners . . . . . page 1190

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Batteries for Kenwood Radios

57293 57989 53664 75765 84612

Continuing product table (1 of 4)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Brand Radio Model	OEM Battery Number Charge	Voltage Capacity (mAh) Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
43034 1 EACH	Multiplier MKNB-1 18 mo	Kenwood TK100,200, 300	KNB1 Rapid	11.25 600 N/A	71.20 0.5 0.23	36.50 35.99 35.59
57293 1 EACH	Centurion CNB1 1 yr.	Kenwood TK100,200, 300	KNB1 Rapid	11.0 600 N/A	71.55 0.5 0.23	36.67 36.31 35.76

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Batteries, Two-Way Portable

Continuing product table (2 of 4)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Brand Radio Model	OEM Battery Number Charge	Voltage Capacity (mAh) Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
44151 1 EACH	JBro Batteries JBKNB3 18 mo	Kenwood 230,320, 330	KNB3A Rapid	7.5 1000 N/A	64.40 0.5 0.23	34.00 32.47 32.20
82837 1 EACH	Multiplier MKNB-3A 18 mo	Kenwood 230,330	KNB3A Rapid	7.5 1200 N/A	74.10 0.43 0.2	38.00 37.47 37.05
92819 1 EACH	W & W Mfg. 035GKNB3 12 mo	Kenwood TK210/310	KNB3 Rapid	7.2 1200 Black	46.60 1 0.45	32.92 32.76 32.60
62257 1 EACH	JBro Batteries JBKNB4 18 mo	Kenwood 230,310, 330	KNB34 Rapid	7.5 2200 N/A	111.80 0.5 0.23	59.00 56.35 55.88
18016 1 EACH	Multiplier MKNB-4 18 mo	Kenwood 230,320 330	KNB4 Rapid	7.5 2200 N/A	111.20 1 0.45	57.00 56.21 55.58
46354 1 EACH	W & W Mfg. 035IKNB4 1 year	Kenwood TH205, 215, 320, 405 TK210, 310	KNB4 Rapid	7.2 2400 N/A	80.45 0.3 0.14	56.86 56.58 56.30
19137 1 EACH	Multiplier MKNB-5A 18 mo	Kenwood TK240,340, 240D,340D	KNB5A Rapid	7.5 800 N/A	58.50 0.5 0.23	30.00 29.58 29.25
73482 1 EACH	LexStar Tech. R5625 2 Year	Kenwood TK220	KNB5A Rapid	7.5 800 Black	56.45 0.3 0.14	28.81 28.70 28.21
95419 1 EACH	W & W Mfg. 035J(7)KNB5 1 year	Kenwood TK220/320/ 240/ 340	KNB5 Rapid	7.2 1200 N/A	42.25 1 0.45	29.87 29.73 29.58
94802 1 EACH	Multiplier MKNB-6 18 mo	Kenwood 240,340	KNB6 Rapid	7.5 1400 N/A	85.80 0.5 0.23	44.00 43.39 42.90
43195 1 EACH	Multiplier MKNB-7 18 mo	Kenwood 240, 340	KNB7 Rapid	12 700 N/A	87.80 0.3 0.14	45.00 44.37 43.88
63487 1 EACH	Multiplier MKNB-7A 18 mo	Kenwood TK240D, TK340D	KNB7A Rapid	12 800 N/A	95.60 0.3 0.14	49.00 48.32 47.78
67640 1 EACH	W & W Mfg. 035L(7)KNB7 12 mo	Kenwood TK240/340	KNB7 Rapid	12 850 Black	58.20 0.3 0.14	41.15 40.95 40.74
44375 1 EACH	W & W Mfg. 035PMKNB9AM 12 mo	Kenwood TK430/431	KNB9A Rapid	7.2 1800 NiMH grey	74.95 1 0.45	53.00 52.74 52.47
47169 1 EACH	W & W Mfg. 035PKNB9A 1 year	Kenwood TK430 TK431	KNB9A Rapid	7.2 1200 N/A	53.90 0.3 0.14	38.11 37.92 37.73
62973 1 EACH	Multiplier MKNB-9 18 mo	Kenwood TK430/431	KNB9A Rapid	7.5 1200 N/A	68.30 0.3 0.14	35.00 34.51 34.13
84017 1 EACH	W & W Mfg. 035P1MKNB9BM 12 mo	Kenwood TK430/431	KNB9B Rapid	7.2 1650 NiMH grey	50.95 1 0.45	36.00 35.82 35.64
85562 1 EACH	W & W Mfg. 035P1KNB9B 1 year	Kenwood TK430 TK431	KNB9B Rapid	7.2 1200 N/A	45.20 0.3 0.14	31.93 31.77 31.62
16998 1 EACH	W & W Mfg. 035MKNB11A 1 year	Kenwood TK250 259 350 353 355 359	KNB11A Standard	7.2 1200 Black	45.20 0.5 0.23	31.93 31.77 31.62
58838 1 EACH	W & W Mfg. 035MMKNB11AM 12 mo	Kenwood TK250 259 350 353 355 359	KNB11A Rapid	7.2 1650 NiMH Black	50.95 1 0.45	36.00 35.82 35.64
28824 1 EACH	LexStar Tech. R56212B 2 years	Kenwood TK 250/350/353	KNB12B Intrin. Safe	7.5 1200	103.60 1 0.45	52.89 52.70 51.80
39187 1 EACH	Multiplier MKNB-12 18 mo	Kenwood TK250, TK350	KNB12A Rapid	7.5 1200 N/A	68.30 0.5 0.23	35.00 34.51 34.13
476136 1 EACH	LexStar Tech. R56212R 1 Year	Kenwood TK250	KNB12A Rapid	7.5 1200 Black	30.95 0.55 0.25	15.78 15.72 15.46
57989 1 EACH	LexStar Tech. R56212 2 Year	Kenwood TK250	KNB12A Rapid	7.5 1200 Black	48.40 0.55 0.25	24.69 24.60 24.18
72965 1 EACH	JBro Batteries JBKNB12NIMH 12 mo	Kenwood TK250,350	KNB12 Rapid	7.5 1650 NiMH N/A	73.40 0.5 0.23	38.75 37.01 36.70
73597 1 EACH	W & W Mfg. 035M1KNB12A 1 year	Kenwood TK250 259 350 353 355 359	KNB12A Rapid	7.2 1200 N/A	53.90 0.3 0.14	38.11 37.92 37.73
92349 1 EACH	W & W Mfg. 035M1KNB12 1 year	Empty alkaline battery case	For KNB12 N/A	N/A N/A N/A	58.30 0.3 0.14	41.20 41.00 40.79
97231 1 EACH	W & W Mfg. 35M1MKNB12AM 12 mo	Kenwood TK250 /350/353	KNB12A Rapid	7.2 1800 NiMH Black	74.95 0.5 0.23	53.00 52.74 52.47
97573 1 EACH	JBro Batteries JBKNB12 18 mo	Kenwood TK250,350	KNB12 Rapid	7.5 1100 N/A	63.95 0.49 0.22	33.75 32.24 31.97

Continuing product table (3 of 4)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Brand Radio Model	OEM Battery Number Charge	Voltage Capacity (mAh) Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
410187 1 EACH	Multiplier MKNB-12H 18 mo	Kenwood TK250, TK350, TK353	KNB12A Rapid	7.5 1900 NiMH N/A	72.20 0.5 0.23	37. 36. 36.
39796 1 EACH	Multiplier MKNB-14 18 mo	Kenwood TK260,270 360,370	KNB14 Rapid	7.5 600 N/A	48.80 0.5 0.23	25. 24. 24.
36958 1 EACH	W & W Mfg. 035Q1MKNB15M 1 year	Kenwood TK260 261 270 272 360 370 372 2100 3100 3101	KNB15AM Standard	7.2 2150 Black	52.35 0.48 0.22	37. 36. 36.
430019 1 EACH	Multiplier MKNB-15H 18 mo	Kenwood TK260/270 /360/ 370	KNB15A Rapid	7.5 1600 NiMH N/A	70.20 0.5 0.23	36. 35. 35.
53664 1 EACH	JBro Batteries JB-KNB15 1 year	Kenwood TK260/360	KNB15A Standard	7.2 1100 Black	56.85 0.5 0.23	30. 28. 28.
72966 1 EACH	JBro Batteries JBKNB15NIMH 1 year	Kenwood TK260/360	KNB15A Rapid	7.5 2000 NiMH Black	68.70 0.55 0.25	36. 34. 34.
75765 1 EACH	Multiplier MKNB-15 18 mo	Kenwood TK260/270 /360/ 370	KNB15A Rapid	7.5 1100 N/A	62.40 0.5 0.23	32. 31. 31.
80570 1 EACH	W & W Mfg. 035Q2KNB15S 1 year	Kenwood TK260 261 270 272 360 370 372 2100 3100 3101	KNB15S Rapid	7.2 1500 Black	55.35 0.46 0.21	39. 38. 38.
93784 1 EACH	W & W Mfg. 035Q1KNB15A 1 year	Kenwood TK260 261 270 272 360 370 372 2100 3100 3101	KNB15A Standard	7.2 1300 grey	45.20 0.48 0.22	31. 31. 31.
32664 1 EACH	W & W Mfg. 035Q6KNB17 1 year	Kenwood TK280 290 380 390 480	KNB17 Rapid	7.2 1500 grey	51.00 1 0.45	36. 35. 35.
456086 1 EACH	LexStar Tech. LX56217NIMH 1 year	Kenwood TK290/390, TK480/ 481	Alexander origi-nal Rapid	7.5 2000 NiMH	102.40 0.75 0.34	52. 52. 51.
461086 1 EACH	LexStar Tech. R56217B 2 years	Kenwood TK290/390, TK480/ 481	KNB17A Intrin. Safe	7.5 1500	114.15 0.6 0.27	58. 58. 57.
65155 1 EACH	Multiplier MKNB-17 18 mo	Kenwood TK290,390 TK480,481	KNB17A Rapid	7.5 1500 N/A	70.20 0.5 0.23	36. 35. 35.
65681 1 EACH	Multiplier MKNB-17H 18 mo	Kenwood TK290,390 TK480,481	Multiplier original Rapid	7.5 2000 NiMH N/A	78.00 0.52 0.24	40. 39. 39.
71972 1 EACH	JBro Batteries JBKNB17 18 mo	Kenwood TK480,481	KNB17 Rapid	7.5 1500 N/A	59.20 0.3 0.14	31. 29. 29.
84612 1 EACH	W & W Mfg. 035Q6MKNB17 1 year	Kenwood TK280 290 380 390 480 2100 3100 3101	KNB17 Rapid	7.2 2150 NiMH Black	52.35 0.75 0.34	37. 36. 36.
462016 1 EACH	LexStar Tech. LX56217NIMH 1 Year	Kenwood TK290/390, TK480/ 481	KNB17A Rapid	7.5 2150 NIMH	110.20 0.6 0.27	56. 56. 55.
NEW 483346 1 EACH	Multiplier MKNB-24L 18 mo	Kenwood TK3140	KNB24L Rapid	7.5 1400 Li-Ion N/A	101.40 0.52 0.24	52. 51. 50.
NEW 490324 1 EACH	Multiplier MKNB-25L 18 mo	Kenwood TK3140	Unique to Multi-plier Rapid	7.5 1800 Li-Ion N/A	109.20 0.52 0.24	56. 55. 54.
NEW 428391 1 EACH	Multiplier MKNB-25A 18 mo	Kenwood TK3140	KNB25A Rapid	7.5 1200 N/A	68.30 0.52 0.24	35. 34. 34.
NEW 413312 1 EACH	Multiplier MKNB-26N 18 mo	Kenwood TK3140	KNB26N Rapid	7.5 2000 NiMH N/A	87.80 0.52 0.24	45. 44. 43.
33659 1 EACH	W & W Mfg. 035J7MKNB5M 12 mo	Kenwood TH26/46/75 TK220/240	PB6 Rapid	7.2 1300 NiMH Black	56.85 1 0.45	40. 39. 39.
72052 1 EACH	W & W Mfg. 035K(S)MKNB6M 12 mo	Kenwood TH26/46/75 TK240/220	PB7 Rapid	7.2 2200 NiMH Black	72.85 0.3 0.14	51. 51. 50.
20445 1 EACH	W & W Mfg. 035L(7)MKNB7M 12 mo	Kenwood TH26/46/75 TK240/220	PB8 Rapid	12 1650 Black	71.40 1 0.45	50. 50. 49.
49371 1 EACH	W & W Mfg. 035RMPB13M 12 mo	Kenwood TH27/47 TH28/48/ 78	PB13 Rapid	7.2 1650 NiMH Black	61.20 1 0.45	43. 43. 42.
24192 1 EACH	W & W Mfg. 035TMPB32M 12 mo	Kenwood TH22, 42, AT TH79A	PB32 Rapid	6.0 900 NiMH Black	62.65 1 0.45	44. 44. 43.
62585 1 EACH	W & W Mfg. 035TAMPB33M 12 mo	Kenwood TH22, 42, AT TH79A	PB33 Rapid	6.0 2150 NiMH Black	67.05 1 0.45	47. 47. 46.

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nuing product table (4 of 4)

No. Uom	Manufacturer Mfg. P/N Warranty	Radio Brand Radio Model	OEM Battery Number Charge	Voltage Capacity (mAh) Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
978 ACH	W & W Mfg. 038TBMPB34M 3 mo.	Kenwood TH22, 42, AT TH79A	PB34 Rapid	9.6 1000 NiMH Black	67.05 1 0.45	47.38 47.15 46.91
963 ACH	W & W Mfg. 035TBPB34 1 year	Kenwood TH22AT/42 79A/ 208/308	PB34 Standard	9.6 600 grey	52.45 1 0.45	37.08 36.90 36.71
903 ACH	W & W Mfg. 035W1-PB39 1 year	Kenwood THG71A	PB39	9.6 700	56.05 0.45 0.2	39.60 39.41 39.21
EW 5319 ACH	W & W Mfg. 035V-PB42L 1 year	Kenwood TH-F6a	PB42	7.2 1800 Li-Ion	74.95 0.45 0.2	53.00 52.74 52.47

Wilson,Relm,Regency,Uniden Batteries [300-60]

If you are buying these, you may need:

Two-Way Battery Conditioners .....page 1188
Battery Analyzers/Conditioners .....page 1190

tteries for Wilson, Uniden etc

17391

63013

75567

51956

nuing product table (1 of 2)

No. Uom	Manufacturer Mfg. P/N Warranty	Radio Brand Radio Model	OEM Battery Number Charge	Voltage Capacity (mAh) Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
200 ACH	W & W Mfg. 374AAPX550 1 year	Uniden SPU480K	APX550 Standard	7.2 1200 black	37.90 1 0.45	26.78 26.65 26.52
391 ACH	LexStar Tech. BP550 2 Year	Uniden SPU, SPH	APX550 Rapid	7.2 700	45.25 0.43 0.2	23.09 23.01 22.61
942 ACH	W & W Mfg. 377APX700 1 year	Uniden SPH416, SPH516	APX700 Rapid	7.2 700 black	56.60 1 0.45	40.00 39.80 39.60
014 ACH	W & W Mfg. 374A2MAPX1050M 1 year	Uniden SPU480K	APX1050 Rapid	7.2 1650 NiMH grey	60.75 0.48 0.22	42.96 42.75 42.53
033 ACH	LexStar Tech. BP1050 2 Year	Uniden SPU, SPH	APX1050 Rapid	7.2 1050	58.00 0.5 0.23	29.59 29.48 28.98
789 ACH	Multiplier MBP1050 18 mo	Uniden SPU/SPH	APX1050 Rapid	7.5 1050	80.00 0.75 0.34	41.00 40.43 39.98
986 ACH	W & W Mfg. 374A2APX1050 1 year	Uniden SPU480K	APX1050 Rapid	7.2 1200 grey	46.65 0.44 0.2	32.96 32.80 32.63
003 ACH	W & W Mfg. 377AMAPX1070M 1 year	Uniden SPH416, SPH516	APX1070 Rapid	7.2 1650 NiMH Black	77.80 0.5 0.23	55.00 54.73 54.45
549 ACH	W & W Mfg. 377AAPX1070 1 year	Uniden SPH416, SPH516	APX1070 Rapid	7.2 1200 Black	63.65 1 0.45	45.00 44.78 44.55
017 ACH	Multiplier MSP1100 18 mo	Uniden APX1100	SP1100 Rapid	7.5 1100	72.65 0.47 0.21	37.25 36.73 36.32
379 ACH	W & W Mfg. 375APX1100 1 year	Uniden SP310TX, SP320TX, SPS301	APX1100 Standard	7.2 1200 black	58.30 1 0.45	41.20 41.00 40.79
013 ACH	Centurion SP1100 1 yr	Uniden SPS Series	APX1100 Dual	7.5 1000 N/A	72.80 0.25 0.11	37.33 36.96 36.40
037 ACH	W & W Mfg. 376MAPX1105M 1 year	Uniden SPS801, SPS802	APX1105 Rapid	7.2 1650 NiMH grey	72.45 0.5 0.23	51.20 50.95 50.69
008 ACH	W & W Mfg. 376APX1105 1 year	Uniden SPS801, SPS802	APX1105 Rapid	7.2 1200 grey	58.30 1 0.45	41.20 41.00 40.79
928 ACH	Centurion UD1105/G 1 Year	Uniden SPS801, SPS802	APX1105 Rapid	7.2 1100	90.70 0.48 0.22	46.50 46.04 45.34
064 ACH	W & W Mfg. 376CMAPX1115M 1 year	Uniden SPH255DT	APX1115	7.2 1650 NiMH	72.45 0.5 0.23	51.20 50.95 50.69

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Brand Radio Model	OEM Battery Number Charge	Voltage Capacity (mAh) Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
74184 1 EACH	W & W Mfg. 376CAPX1115 1 year	Uniden SPH255DT	APX1115 Rapid	7.2 1200	58.30 1 0.45	41.20 41.00 40.79
24537 1 EACH	W & W Mfg. 379APX1120 1 year	Uniden SPU51, SPH51	APX1120 Rapid	7.5 1500	27.70 0.5 0.23	19.57 19.48 19.38
420025 1 EACH	Multiplier MAPX1120 18 mo	Uniden SPU51, SPH51	APX1120 Rapid	7.5 1200	44.90 0.47 0.21	23.00 22.68 22.43
428026 1 EACH	W & W Mfg. 379MAPX1120M 1 year	Uniden SPU51, SPH51	APX1120 Rapid	7.5 2150 NiMH	41.85 0.5 0.23	29.57 29.43 29.28
24620 1 EACH	Centurion BP0004PS 1 yr	Regency/ Uniden/ Wilson/ Force/ Maxon/ Yaesu FT/ FTC	BP4,FNB1 Standard	11.0 600 black	36.70 0.47 0.21	18.80 18.62 18.33
26466 1 EACH	JBro Batteries JBP/4 18 mo	Regency/ Uniden/ Wilson/ Force/ Maxon/ Yaesu FT,FTC	BP4,FNB1 Dual	11.25 600 black	31.95 0.47 0.21	16.85 16.10 15.96
75567 1 EACH	Multiplier MBP4H 18 mo	Regency/ Uniden/ Wilson/ Force/ Maxon/ Yaesu FT/ FTC	BP4,FNB1 Dual	11.25 600 black	35.60 0.47 0.21	18.25 18.00 17.80
14445 1 EACH	W & W Mfg. 069BP007 1 year	Relm WHS150	BP007 Old Relm Charger	10.8 1200 black	49.50 0.55 0.25	35.00 34.83 34.65
487082 1 EACH	W & W Mfg. 069A2MBPMP1M 1 year	Relm MP Series	BPMP7,BPMP1	10.8 1650 NiMH black	70.95 0.48 0.22	50.17 49.92 49.67
73550 1 EACH	W & W Mfg. 069RBP007 1 year	Relm WHS150	BP007 New Relm Charger	10.8 1200 Black	49.50 0.44 0.2	35.00 34.83 34.65
447048 1 EACH	W & W Mfg. 069MBP007M 1 year	Relm WHS150	BP007 Standard	10.8 1650 NiMH black	63.65 0.44 0.2	45.00 44.78 44.55
487041 1 EACH	W & W Mfg. 069(R)MBP007M 1 year	Relm WHS150	BP007 Standard	10.8 1650 NiMH black	63.65 0.44 0.2	45.00 44.78 44.55
37246 1 EACH	W & W Mfg. 092CBCS 1 year	Uniden/ Bearcat BC235,BC245XLT Sportcat	BP120	4.8 1200	24.05 1 0.45	17.00 16.92 16.83
421020 1 EACH	W & W Mfg. 092CMBCSM 1 year	Uniden/ Bearcat BC100, BC200XLT, BP20S	N/A Standard	7.2 1650 black	65.30 1 0.45	46.15 45.92 45.69
65807 1 EACH	W & W Mfg. 092BCS 1 year	Uniden/ Bearcat BC100, BC200XLT, BP20S	N/A Standard	7.2 1200 black	51.15 1 0.45	36.15 35.97 35.79
83793 1 EACH	JBro Batteries JB0600 18 mo	Relm RSP500, RSP500B	BP600 Standard	10.0 600	67.55 0.25 0.11	35.65 34.05 33.77
27414 1 EACH	W & W Mfg. 069A2BPMP1 1 year	Relm MP Series	BPMP1 Standard	10.8 1200 black	56.85 1 0.45	40.17 39.97 39.77
437036 1 EACH	W & W Mfg. 378MBT294M 1 year	Uniden SPU21	BT294 Rapid	7.5 1650 NiMH	41.85 0.5 0.23	29.57 29.43 29.28
51956 1 EACH	W & W Mfg. 378BT294 1 year	Uniden SPU21	BT294 Rapid	7.5 850	27.70 0.5 0.23	19.57 19.48 19.38

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E.F.Johnson Batteries [300-75]

If you are buying these, you may need:

Two-Way Battery Conditioners ..... page 1188
Battery Analyzers/Conditioners ..... page 1190

Batteries For Johnson Radios

68554 44552 56517 97955 30161

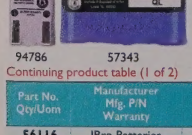
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Brand Radio Model	OEM Battery Number Charge	Voltage Capacity (mAh) Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 424375 1 EACH	W & W Mfg. 035G3SB80 1 year	E.F.J. Avenger SE	585-5010-025	7.2 1200 Black	37.90 1 0.45	26.78 26.65 26.52
68554 1 EACH	W & W Mfg. 035D6135 1 year	E.F.J. Avenger SI	585-5000-135	7.5 1650 Black	78.70 1 0.45	55.62 55.35 55.07
44552 1 EACH	W & W Mfg. 035D151 1 year	E.F.J. Challenger 5800	023-5800 Rapid	12 600 Black	69.95 0.44 0.2	49.44 49.20 48.95
56517 1 EACH	W & W Mfg. 035B156 1 year	E.F.J. Challenger 5800	023-5800 Rapid	12 1300 Black	79.25 1 0.45	56.03 55.75 55.47
85990 1 EACH	W & W Mfg. 035D8160 1 year	E.F.J. CX, CR	587-8180-160	7.5 1400 Black	87.45 1 0.45	61.80 61.50 61.19
97955 1 EACH	W & W Mfg. 035D8A160S 1 year	E.F.J. CX, CR	587-8182-160	7.5 1700 Black	102.00 1 0.45	72.10 71.74 71.38
46348 1 EACH	W & W Mfg. 035D8M160M 1 year	E.F.J. CX, CR	587-8182-160	7.5 2500 NiMH Black	119.45 1 0.45	84.46 84.04 83.62
30161 1 EACH	W & W Mfg. 035D3025 1 year	E.F.J. Viking XR	585-5000-025	7.5 1200 Black	67.65 0.5 0.23	47.80 47.57 47.33

Ritron, Jobcom Batteries [300-76]

If you are buying these, you may need:

Two-Way Battery Conditioners ..... page 1188
Battery Analyzers/Conditioners ..... page 1190

Batteries for Ritron Radios



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Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Brand Radio Model	OEM Battery Number Charge	Voltage Capacity (mAh) Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
56116 1 EACH	JBro Batteries JBP5NJ 18 Mo	Ritron RT15E, RT15H, Jobcom VHF	BP-5NM	6.0 600 Molex Conn.	26.10 0.31 0.14	13.75 13.14 13.03
42902 1 EACH	JBro Batteries JBP6NJ 18 Mo	Ritron RT151C	BP-6NM Standard	7.5 600 Molex Conn.	24.75 0.34 0.15	13.05 12.47 12.36
34385 1 EACH	W & W Mfg. 079MBPJ6N 1 year	Ritron Jobcom JMX Series	BPJ-6N Rapid	7.2 1200 N/A	30.25 0.44 0.2	21.38 21.28 21.17
94786 1 EACH	W & W Mfg. 079LBPS6N 1 year	Ritron SST150	BPS-6N Rapid	7.2 1200 N/A	30.25 0.44 0.2	21.38 21.28 21.17
81295 1 EACH	JBro Batteries JBP7NJ 18 Mo	Ritron RT152, RT450B	BP-7NM Standard	8.75 600 Molex Conn.	29.50 0.38 0.17	15.55 14.85 14.73

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Brand Radio Model	OEM Battery Number Charge	Voltage Capacity (mAh) Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 26042 1 EACH	Multiplier MBPX-8N 18 Mo	Ritron Patriot	N/A Standard	10 800	58.50 0.45 0.2	30. 29. 29.
57343 1 EACH	JBro Batteries JBBPX-8N 18 Mo	Ritron Patriot RTX150, RTX450	BPX-8N	10 600 N/A	36.80 0.4 0.18	19. 18. 18.
88480 1 EACH	JBro Batteries JBBPX-8NHC 18 Mo	Ritron Patriot RTX150, RT450	BPX-8N-HC Rapid	10.0 800 N/A	56.85 0.31 0.14	30. 28. 28.
37171 1 EACH	W & W Mfg. 079JABTX8NHC 1 year	Ritron Patriot	BTX-8NHC	9.6 1200	51.00 0.45 0.2	36. 35. 35.
91346 1 EACH	W & W Mfg. 079JBBTX8NMH 1 year	Ritron Patriot	BTX-8NMH	9.6 1650 NiMH	102.00 0.44 0.2	72. 71. 71.

Midland Batteries [300-77]

If you are buying these, you may need:

Two-Way Battery Conditioners ..... page 118
Battery Analyzers/Conditioners ..... page 119

Batteries for Midland Radios

34684 55358 89914

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Brand Radio Model	OEM Battery Number Charge	Voltage Capacity (mAh) Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
34684 1 EACH	JBro Batteries JB70B16 18 Mo	Midland 70-043, 70-065, 70-143, 70-243	70-B16 Standard	10.0 600	68.70 0.55 0.25	36. 34. 34.
77405 1 EACH	Multiplier M70B16 18 Mo	Midland 70-065, 70-143, 70-243	70-B16 Standard	10.0 700	60.50 0.6 0.27	31. 30. 30.
15335 1 EACH	Multiplier M70B19 18 Mo	Midland 70-155, 70-255	70-B19 Rapid	7.5 1400 N/A	66.30 0.5 0.23	34. 33. 33.
99447 1 EACH	Multiplier M70B21 18 Mo	Midland 70-043, 70-143, 70-243	70-B21 Rapid	10 1200 N/A	84.85 0.5 0.23	43. 42. 42.
78500 1 EACH	W & W Mfg. 036E70B25 1 year	Midland 70-154	70-B25 Rapid	9.6 1150 Black	86.85 1 0.45	61. 61. 60.
72313 1 EACH	Multiplier M70B31 18 Mo	Midland 70-145, 245	70-B31 N/A	11.25 600	85.80 0.46 0.21	44. 43. 42.
20706 1 EACH	Multiplier M70B32 18 Mo	Midland 70-145, 70-245	70-B32 N/A	11.25 1100	107.30 0.63 0.29	55. 54. 53.
36990 1 EACH	W & W Mfg. 036E3B36 1 year	Midland 70-165, 70-166, 70-265	70-B36	7.2 1500 N/A	56.85 1 0.45	40. 39. 39.
55358 1 EACH	Multiplier M70B36 18 Mo	Midland 70-045, 70-166, 70-266	70-B36 N/A	7.5 1400	69.25 0.5 0.23	35. 35. 34.
38727 1 EACH	Multiplier M70B48 18 Mo	Midland 70-148	70-B48 Rapid	9.6 1100 Black	101.40 1 0.45	52. 51. 50.
490055 1 EACH	W & W Mfg. 035FM70B48M 1 year	Midland 70-148, 70-248	70-B48 Rapid	9.6 1650 NiMH Black	70.95 1 0.45	50. 49. 49.
89914 1 EACH	W & W Mfg. 035F70B48 1 year	Midland 70-148, 70-248	70-B48 Rapid	9.6 1200 Black	56.85 1 0.45	40. 39. 39.
29002 1 EACH	Multiplier M70B75 18 Mo	Midland 70-195, 70-295	70-B75 Rapid	7.5 1400 N/A	76.10 1 0.45	39. 38. 38.

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King/Bendix Batteries [300-78]

If you are buying these, you may need:

Two-Way Battery Conditioners ..... page 1188
Battery Analyzers/Conditioners ..... page 1190

atteries for King/Bendix

28015 38431 47289

t No. /Uom	Manufacturer Mfg. P/N Warranty	Radio Brand Radio Model	OEM Battery Number Charge	Voltage Capacity (mAh) Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
015 ACH	Centurion KR0105/E 18 Mo	King/Bendix LPH, SPH	LAA105 Rapid	10.0 1200 Gray	70.50 0.73 0.33	36.13 35.77 35.23
205 ACH	Multiplier M0105 18 Mo	King/Bendix LPH, LPX	LAA105 Rapid	10.0 1200 Dark gray	68.30 0.64 0.29	35.00 34.51 34.13
431 ACH	JBro Batteries JB0140 18 Mo	King/Bendix LPH, LPX	LAA105 Rapid	10.0 1400 Dark gray	59.20 0.7 0.32	31.25 29.85 29.60
1061 ACH	W & W Mfg. 035C1K0105EM 1 year	King/Bendix LPH202/502/514, LAA105/125	KR0105E, K0125E Rapid	10 2700 NiMH	63.65 0.75 0.34	45.00 44.78 44.55
548 ACH	Multiplier M0121 18 Mo	King/Bendix LPH, LPX	LAA0121 Rapid	10.0 630 Dark gray	78.00 0.74 0.34	40.00 39.44 39.00
289 ACH	Multiplier M0125 18 Mo	King/Bendix LPH, LPX	LAA125 Rapid	10.0 1400 Dark gray	70.20 0.7 0.32	36.00 35.50 35.10
440 ACH	LexStar Tech. RA109 2 years	King/Bendix EPH, LPH, LPX	LAA0125 Rapid	10.0 1400	69.90 1 0.45	35.67 35.54 34.93

Standard Radio Batteries [300-79]

If you are buying these, you may need:

Two-Way Battery Conditioners ..... page 1188
Battery Analyzers/Conditioners ..... page 1190

Multiplier

Multiplier, offering an extensive line of NiCd, NiMH, Li-Ion, and Factory Mutual-approved, intrinsically safe batteries for standard, custom and OEM applications, including two-way, cellular and PCS.

tteries for Standard Radios

324 75198 56729

uing product table (1 of 2)

No. Uom	Manufacturer Mfg. P/N Warranty	Radio Brand Radio Model	OEM Battery Number Charge	Voltage Capacity (mAh) Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
03 CH	Multiplier MBP11 18 Mo	Standard 734, 735, 834, 835, 934, 935, HX300, HX310	CNB2,BP11 Rapid	11.75 550 Brown	73.15 0.55 0.25	37.50 36.98 36.57
24 CH	JBro Batteries JBP-11 18 Mo	Standard 734,735, 834, 835, 934, 935, HX300, HX310	CNB2,BP11 Rapid	11.0 600 Brown	66.30 0.46 0.21	35.00 33.43 33.15

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Brand Radio Model	OEM Battery Number Charge	Voltage Capacity (mAh) Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
434093 1 EACH	LexStar Tech. H26205 2 years	Standard HX500	CNB4, CNB5 Rapid	7.5 1200	93.20 1 0.45	47.57 47.40 46.59
37174 1 EACH	W & W Mfg. 350DMCNB152M 1 year	Standard HX190, HX240, C158, C228, C528	CNB152M	12 1000 NiMH	55.35 0.44 0.2	39.14 38.95 38.75
72585 1 EACH	W & W Mfg. 350DACNB152A 1 year	Standard HX190, HX240	CNB152A Rapid	12 900 N/A	58.30 0.44 0.2	41.20 41.00 40.79
75198 1 EACH	Multiplier MCNB242 18 Mo	Standard HX240 Monarch	CNB242 Rapid	12.0 600 Black	85.80 0.25 0.11	44.00 43.39 42.90
421082 1 EACH	W & W Mfg. 356CNB290 1 year	Standard HX292	CNB290 slim case	7.2 1200	66.50 0.44 0.2	47.00 46.77 46.53
452047 1 EACH	W & W Mfg. 356MCNB290M 1 year	Standard HX292	CNB290 slim case	7.2 1650 NiMH	72.15 0.44 0.2	51.00 50.75 50.49
426039 1 EACH	W & W Mfg. 356ACNB291 1 year	Standard HX292	CNB291	7.2 1500	70.75 0.44 0.2	50.00 49.75 49.50
432098 1 EACH	W & W Mfg. 356AMCNB291M 1 year	Standard HX292	CNB291	7.2 2150 NiMH	76.40 0.44 0.2	54.00 53.73 53.46
34388 1 EACH	W & W Mfg. 358CNB381 1 year	Standard HX381, HX390	CINB380	9.6 1150	58.30 0.54 0.25	41.20 41.00 40.79
37221 1 EACH	W & W Mfg. 358MCNB381M 1 year	Standard HX381, HX390	CNB381M	9.6 1500 NiMH	78.70 0.44 0.2	55.62 55.35 55.07
56729 1 EACH	W & W Mfg. 360CNB584A 1 year	Standard 580,581,582	CNB584A Rapid	9.6 1200 Dark gray	55.35 0.51 0.23	39.14 38.95 38.75
88740 1 EACH	W & W Mfg. 360MCNB584AM 1 year	Standard HX580, HX581T, HX582T	CNB584AM Rapid	9.6 1500 NiMH N/A	69.95 0.44 0.2	49.44 49.20 48.95

Maxon Batteries [300-80]

If you are buying these, you may need:

Two-Way Battery Conditioners ..... page 1188
Battery Analyzers/Conditioners ..... page 1190

Batteries for Maxon Radios

70844 66887 13252 17828

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Brand Radio Model	OEM Battery Number Charge	Voltage Capacity (mAh) Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
70844 1 EACH	LexStar Tech. BP4W 2 Year	Maxon/ Uniden/ Wilson CP/CS 0150/0520, APH, APL, APU, HH	CA1450, APX500, BP4, BP4C, 406551 Rapid	10.8 600 Gray	34.70 1 0.45	17.70 17.63 17.33
18624 1 EACH	W & W Mfg. 091(6)P4W 1 year	Maxon TAD1510, TAD1520, SP5050HD	CA1450 Standard	11.25 700 Black	24.80 1 0.45	17.51 17.43 17.34
27951 1 EACH	JBro Batteries JBP/4(P) 1 yr.	Maxon CP0500, CP0510, CP0520, SP5000, SP2550X	CA1450 Rapid	11.0 700 Black	35.55 0.49 0.22	18.75 17.91 17.76
82472 1 EACH	Centurion BP0004PS 1 yr.	Maxon CP0500, CP0510, CP0520	CA1450 Rapid	11.0 600 Black	36.70 0.49 0.22	18.80 18.62 18.33
41877 1 EACH	W & W Mfg. 025B6IC2 1 year	Maxon GMRS- 210+3	19-1120 Standard	7.2 600 Black	45.45 0.5 0.23	32.14 31.98 31.82
44102 1 EACH	W & W Mfg. 035U5MPA1200 1 year	Maxon SP130, SP140U, SP150	MPA1200	7.5 1200	42.25 0.5 0.23	29.87 29.73 29.58
497084 1 EACH	W & W Mfg. 035U5MMPA1200M 1 year	Maxon SP130, SP140U, SP150	MPA1200	7.5 1650 NiMH	56.40 0.5 0.23	39.87 39.68 39.48

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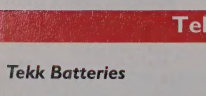
Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Brand Radio Model	OEM Battery Number Charge	Voltage Capacity (mAh) Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
66887 1 EACH	Multiplier MMPA1200 18 mo	Maxon SL55, SP130, SP140, SP150	MPA1200 Rapid	7.5 1200 Black	27.00 0.5 0.23	23.14 22.50 22.50
491163 1 EACH	Multiplier MMPA1400H 18 mo	Maxon SL55, SP130, SP140, SP150	MPA1400H Rapid	7.5 1500 NiMH Black	35.00 0.5 0.23	30.00 29.17 29.17
NEW 499309 1 EACH	W & W Mfg. 035U9MQPA900M 1 year	Maxon SP200	QPA900 N/A	7.5 900 NiMH N/A	67.90 0.5 0.23	48.00 47.76 47.52
34341 1 EACH	W & W Mfg. 035U7QPA1200 1 year	Maxon SP100 (grey)	QPA1200 Standard	7.5 1200 N/A	42.25 0.55 0.25	29.87 29.73 29.58
468084 1 EACH	W & W Mfg. 035U8MQPA1200M 1 year	Maxon SP100 (grey)	QPA1200 N/A	8.4 1300 NiMH N/A	42.25 0.5 0.23	29.87 29.73 29.58
482018 1 EACH	W & W Mfg. 035U3MQPA1200M 1 year	Maxon SP120, TP120	QPA1200	7.5 1650 NiMH N/A	56.40 0.5 0.23	39.87 39.68 39.48
69554 1 EACH	W & W Mfg. 035U3QPA1200 1 year	Maxon SP100, SP120, TP120	QPA1200 Standard	7.5 1200 Black	42.25 0.5 0.23	29.87 29.73 29.58
NEW 473316 1 EACH	W & W Mfg. 035U9(S)MQPA1350M 1 year	Maxon SP200	QPA1350 N/A	7.5 1350 NiMH N/A	67.90 0.5 0.23	48.00 47.76 47.52
13252 1 EACH	JBro Batteries JB1255 18 mo	Maxon SP2550, SP2850	SA1155,1255 Rapid	11.25 600 Black	50.20 0.49 0.22	26.50 25.31 25.10
13678 1 EACH	Multiplier M1155 18 mo	Maxon SP2000	SA1155 Rapid	11.25 600 Black	57.55 0.45 0.2	29.50 29.09 28.77
17947 1 EACH	W & W Mfg. 035USA1155 1 year	Maxon SP2000, SL70, SP2550, SL400/600	SA1155, SA1255, SA1270 Standard	10.8 600 Black	36.45 0.46 0.21	25.75 25.63 25.50
22056 1 EACH	LexStar Tech. BP1170 2 years	Maxon SP2000, SP2550, SP2850	CA1155/SA1155, SA1255, CA1170/SA1170, SA1270 Rapid	10.8 1200	90.95 0.6 0.27	46.42 46.25 45.46
69258 1 EACH	Centurion MS1155 1 yr.	Maxon SP2550 /2850	SA1155 Rapid	10.8 600 Black	57.90 0.49 0.22	29.67 29.38 28.93
17651 1 EACH	Centurion MS1170 1 yr.	Maxon SL500V SL500U	SA1170 Rapid	10.8 1200 Black	85.80 0.79 0.36	44.00 43.56 42.90
51645 1 EACH	JBro Batteries JB1270 18 mo	Maxon SL500V, SL500U	SA1170 Rapid	11.25 1200 Black	77.60 0.7 0.32	40.95 39.11 38.78
92661 1 EACH	Multiplier M1170 18 mo	Maxon SP2000	SA1170 Rapid	11.25 1400 Black	85.80 0.5 0.23	44.00 43.39 42.90
17828 1 EACH	W & W Mfg. 035U2SA1500 1 year	Maxon SP2000, SL70, SP2550, SL400/600	SA1500 Standard	10.8 1500 Black	48.10 0.5 0.23	33.99 33.82 33.65
464089 1 EACH	W & W Mfg. 035U2MSA1500M 1 year	Maxon SP2000, SL70, SP2550, SL400/600	SA1160, SA1170 Rapid	10 2700 Black	62.25 0.5 0.23	43.99 43.77 43.55
75498 1 EACH	W & W Mfg. 035U6TPA1160 1 year	Maxon TPA1160	TPA1160 Standard	7.2 1100 Black	72.85 1 0.45	51.50 51.25 50.99
454030 1 EACH	W & W Mfg. 035U6MTPA1160M 1 year	Maxon TP4800, TP4801	TPA1160 Standard	7.2 1650 NiMH Black	87.00 0.6 0.27	61.50 61.20 60.89

Tekk Batteries [300-83]

Tekk Batteries



Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Brand Radio Model	OEM Battery Number Charge	Voltage Capacity (mAh) Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 97991 1 EACH	W & W Mfg. 350GSB20 1 year	TEKK T-20/40/50, TC-200, PCI-150A	SB-20	7.2 700	29.15 0.44 0.2	20.60 20.50 20.40
NEW 425306 1 EACH	W & W Mfg. 035G7-NBP800 1 year	TEKK NT20, NT40, NT80, NT90	NBP800	7.2 1200	45.25 0.5 0.23	32.00 31.84 31.68

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Brand Radio Model	OEM Battery Number Charge	Voltage Capacity (mAh) Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW 416304 1 EACH	W & W Mfg. 035G7M-NBP800M 1 year	TEKK NT20, NT40, NT80, NT90	NBP800	7.2 1650 NiMH	52.35 0.5 0.23	37 36. 36.

YAESU/Vertex Batteries [300-87]

If you are buying these, you may need:

Two-Way Battery Conditioners . . . . . page 118
Battery Analyzers/Conditioners . . . . . page 119

Batteries for Yaesu/Vertex Radios

40966 66985 477031

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Brand Radio Model	OEM Battery Number Charge	Voltage Capacity (mAh) Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
93531 1 EACH	W & W Mfg. 091JFNB10(S) 1 year	Yaesu/Vertex FT23R, FT2008, FT2010 FTH7008, FTH7010	FNB10(S), FNB14 Rapid	7.2 1400 N/A	45.50 0.5 0.23	32. 32. 31.
59096 1 EACH	W & W Mfg. 091E6FNB12(S) 1 year	Yaesu/Vertex FT23R, FT2008, FT2010 FTH7008, FTH7010	FNB11, FNB12(S) Rapid	12 600 N/A	52.40 0.5 0.23	37. 36. 36.
97198 1 EACH	Multiplier MFNB12 1 year	Yaesu/Vertex FT23R, FT73R, FTC7005	FNB12 Dual	12.5 600 Dark gray	85.80 0.5 0.23	44. 43. 42.
75048 1 EACH	LexStar Tech. H36216	Yaesu/Vertex FTH2070	FNB16 Intrin. Safe	12 1200	133.05 0.5 0.23	67. 67. 66.
82433 1 EACH	W & W Mfg. 091ZAFNB16 1 year	Yaesu/Vertex FTH2070	FNB16 Standard	12 1200 grey	94.70 0.86 0.39	66. 66. 66.
12951 1 EACH	W & W Mfg. 091FMFNB17M 1 year	Yaesu/Vertex FT23R, FT2008, FT2010, FTH7008, FTH7010	FNB17 Standard	7.2 900 NiMH Black	51.90 1 0.45	36. 36. 36.
40966 1 EACH	W & W Mfg. 092DFNB21(S) 1 year	Yaesu/Vertex FTH2009, FTH7009	FNB21(S) Standard	9.6 1200 grey	57.15 0.5 0.23	40. 40. 39.
51344 1 EACH	W & W Mfg. 091NMFNB25M 1 year	Yaesu/Vertex FT26, FT76, FT415, FT530, FT815 Black	FNB25 Standard	7.2 900 NiMH Black	55.35 1 0.45	39. 38. 38.
38130 1 EACH	W & W Mfg. 91P1MFNB26(S)M 1 year	Yaesu/Vertex FT26, FT76, FT415, FT530, FT815 Black	FNB26(S), 1/4" longer Standard	7.2 2200 NiMH Black	72.85 1 0.45	51. 51. 50.
76523 1 EACH	W & W Mfg. 091(S)MFNB27SM 1 year	Yaesu/Vertex FT26, FT76, FT415, FT530, FT815 Black	FNB27(S), 1/4" longer Standard	12 1650 NiMH Black	71.40 1 0.45	50. 50. 49.
37255 1 EACH	W & W Mfg. 093AFNB29(S) 1 year	Yaesu/Vertex VX510	FNB29A	7.2 1800	81.60 1 0.45	57. 57. 57.
429099 1 EACH	LexStar Tech. H36229 2 years	Yaesu/Vertex VX500, VX510	FNB29A Rapid	7.2 1700	100.05 0.75 0.34	51. 50. 50.
59299 1 EACH	W & W Mfg. 093FNB29 1 year	Yaesu/Vertex VX500	FNB29 Rapid	7.2 1500	69.95 1 0.45	49. 49. 48.
67011 1 EACH	Multiplier MFNB29 1 year	Yaesu/Vertex VX510	FNB29A Rapid	7.5 1700	91.30 0.55 0.25	46. 46. 45.
11702 1 EACH	W & W Mfg. 091X3MFNB41M 3 mo.	Yaesu/Vertex FT10R, FT40R, FT50	FNB41 Standard	9.6 900 NiMH Black	69.95 1 0.45	49. 49. 48.
97489 1 EACH	W & W Mfg. 092HFNB43(S) 1 year	Yaesu/Vertex VX200	FNB43(S) Rapid	7.2 1500 N/A	64.10 1 0.45	45. 45. 44.
47893 1 EACH	W & W Mfg. 092H1FNB45 1 year	Yaesu/Vertex VX200	FNB45 Standard	9.6 1200 grey	64.10 0.86 0.39	45. 45. 44.
24916 1 EACH	W & W Mfg. 091X2MFNB47M 1 year	Yaesu/Vertex FT10R, FT40R, FT50	FNB47 Standard	7.2 2150 NiMH Black	69.95 1 0.45	49. 49. 48.

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nuing product table (2 of 2)

t No. Uom	Manufacturer Mfg. P/N Warranty	Radio Brand Radio Model	OEM Battery Number Charge	Voltage Capacity (mAh) Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
395 ACH	W & W Mfg. 091X2FNB47A 1 year	Yaesu/ Vertex VX10	FNB47 Standard	7.2 1200 Black	48.10 0.86 0.39	33.99 33.82 33.65
1088 ACH	LexStar Tech. H36247 2 years	Yaesu/ Vertex FT-10, FT-50, VX10	FNBV47 Rapid	7.2 1200	64.50 0.48 0.22	32.92 32.80 32.24
985 ACH	Multiplier MFNB47 1 year	Yaesu/ Vertex VX10	FNB47A Rapid	7.5 1200	68.50 0.5 0.23	35.10 34.61 34.23
158 ACH	JBro Batteries JBFNBV47 18 mo	Yaesu/ Vertex VX10	FNBV47 Rapid	7.2 1200 N/A	60.65 0.5 0.23	32.00 30.56 30.31
500 ACH	W & W Mfg. 091X2FNB47 1 year	Yaesu/Vertex VX10	FNB47 Standard	7.2 1500 Black	55.35 1 0.45	39.14 38.95 38.75
EW 173 ACH	Multiplier MFNB47H 1 year	Yaesu/ Vertex VX10	FNB47A Rapid	7.5 2000 NiMH	72.20 0.52 0.24	37.00 36.49 36.08
071 ACH	W & W Mfg. 092HE1FNB56 1 year	Yaesu/ Vertex VX300	FNB56 Rapid	12.0 650	51.00 1 0.45	36.05 35.87 35.69
066 ACH	W & W Mfg. 092KFNBV57W/ CLIP 1 year	Yaesu/ Vertex VX400	FNBV57 Rapid	7.2 1200 w/ Belt Clip	52.85 0.37 0.17	37.34 37.16 36.97
068 ACH	W & W Mfg. 092KMFNBV57CL 1 year	Yaesu/ Vertex VX400, Aviation Pro 2	FNBV57 Rapid	7.2 1650 NiMH with clip	67.40 1 0.45	47.64 47.41 47.17
083 ACH	W & W Mfg. 092KMFNBV57 1 year	Yaesu/ Vertex VX400	FNBV57 Rapid	7.2 1650 NiMH	67.40 0.42 0.19	47.64 47.41 47.17
095 ACH	LexStar Tech. H36257 2 years	Yaesu/ Vertex VX210, VX400	FNBV57 Rapid	7.2 1100	71.30 0.5 0.23	36.38 36.25 35.63
993 ACH	Multiplier MFNB57 1 year	Yaesu/ Vertex VX210, VX400	FNB57A Rapid	7.5 1100	64.40 0.5 0.23	33.00 32.54 32.18
183 ACH	JBro Batteries JBFNBV57 18 mo	Yaesu/ Vertex VX400	FNBV57 Rapid	7.2 1100 N/A	61.60 0.49 0.22	32.50 31.04 30.78
EW 182 ACH	Multiplier MFNB57H 1 year	Yaesu/ Vertex VX210, VX400	FNB57A Rapid	7.5 1600 NiMH	68.30 0.5 0.23	35.00 34.51 34.13
068 ACH	W & W Mfg. 091X5FNB58LI 1 year	Yaesu/ Vertex VX-5R	FNB-V58LI Rapid	7.2 1100 LiIO	62.40 0.5 0.23	44.10 43.88 43.66
031 ACH	W & W Mfg. 091X7FNBV62LI 1 year	Yaesu/ Vertex VX-800	FNB-V62LI Rapid	7.4 1600 LiIO	58.00 0.5 0.23	41.00 40.80 40.59
EW 318 ACH	W & W Mfg. 091X8FNBV68LI 1 year	Yaesu/ Vertex VX-900	FNB-V68LI Rapid	7.4 2400 LiIO	87.70 0.5 0.23	62.00 61.69 61.38

Battery Clips [300-90]

ttery Clips with Plates

Battery plates can be attached directly to the existing holes in the back of the radio. Can be purchased with or without the battery clip.

No. Uom	Manufacturer Mfg. P/N Warranty	Radio Brand, Radio Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
02 CH	W & W Mfg. PLT-KNB12/MS	Kenwood TK250/350/430 Plate, Screws & 2 1/2" Clip	9.65 0.2 0.09	6.80 6.77 6.74
06 CH	W & W Mfg. PLT-KNB12/ML	Kenwood TK250/350/430 Plate, Screws & 3 3/4" Clip	9.65 0.2 0.09	6.80 6.77 6.74
51 CH	W & W Mfg. PLT-KNB15/MS	Kenwood TK260/261/270/272/360/370/372/2100/3100/ 3101. Plate, Screws & 2 1/2" Clip	9.65 0.2 0.09	6.80 6.77 6.74
58 CH	W & W Mfg. PLT-KNB15/17	Kenwood TK260/360/430/480 Plate & Screws Only	5.50 0.2 0.09	3.86 3.85 3.83
65 CH	W & W Mfg. PLT-KNB15/ML	Kenwood TK260/261/270/272/360/370/372/2100/3100/ 3101. Plate, Screws & 3 3/4" Clip	9.65 0.2 0.09	6.80 6.77 6.74
58 CH	W & W Mfg. PLT-SPS801/ML	Uniden APX 550/1050/1070/ 1100/1105/1115 Plate, Screws & 3 3/4" Clip	9.65 0.2 0.09	6.80 6.77 6.74

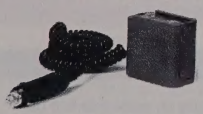
Battery Clips

Battery clips can be used directly on the radios listed or can be used with the adhesive plate (30085). The plate will attach to any flat surface with industrial adhesive. The battery clip than attaches to the plate. Other belt clips in section 310/60.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Brand, Radio Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
43299 1 EACH	W & W Mfg. CLP-MS	Kenwood THG71A/ THD7A, Maxon SP100/ 120/ 130, Motorola GP300/ 350/ 1225, Vertex/Yaesu VX400. 2 1/ 2" long.	5.50 0.1 0.05	3.86 3.85 3.83
81692 1 EACH	W & W Mfg. CLP-ML	Kenwood THG71A/ THD7A, Maxon SP100/ 120/ 130, Motorola GP300/ 350/ 1225. 3 3/4" long.	5.50 0.1 0.05	3.86 3.85 3.83
30085 1 EACH	W & W Mfg. CLP-PLATE-M	Universal Plate for 81692 and 43299.	5.50 0.1 0.05	3.86 3.85 3.83
NEW 449151 1 EACH	W & W Mfg. MOT-HT750/ PRO3150	Motorola HT750, HT1250, HT1550, PRO3150	10.20 0.1 0.05	7.21 7.18 7.14
NEW 413183 1 EACH	W & W Mfg. CLP-BP196S	Icom IC-F3, IC-F3GT/GS, IC-F4, IC-T2A, IC-A4	7.80 0.1 0.05	5.50 5.48 5.45
NEW 440375 1 EACH	W & W Mfg. CLP-HT1000ML	Motorola HT1000. 3 3/4" long.	5.20 0.1 0.05	3.65 3.64 3.62
NEW 490375 1 EACH	W & W Mfg. CLP-HT1000MS	Motorola HT1000. 2 1/2" long.	5.20 0.1 0.05	3.65 3.64 3.62
495006 1 EACH	W & W Mfg. CLP-VX10	Yaesu VX-10, VX-300, FT10R, FT40R, FT50R	6.60 0.1 0.05	4.64 4.62 4.60

Eliminators/ Cradles- Two Way Radios [300-96]

2-Way Battery Eliminators



Multiplier's "Performance Enhancer" is a no heat switching power supply eliminator that replaces the battery and allows unlimited talk-time. It provides DC power to the radio with a 10' coiled cord when plugged into 12 or 24VDC source.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Brand, Radio Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
12041 1 EACH	Multiplier MPE9628 1 Year	Motorola GP300	77.95 0.5 0.23	39.95 39.40 38.96
53911 1 EACH	Multiplier MPE7144 1 Year	Motorola HT1000, MT2000, MTX8000	77.95 1 0.45	39.95 39.40 38.96
93553 1 EACH	Multiplier MPE4824 1 Year	Motorola MT1000, MTX800	77.95 1 0.45	39.95 39.40 38.96
86577 1 EACH	Multiplier MPE8148 1 Year	Motorola Radius P110	77.95 0.5 0.23	39.95 39.40 38.96
41946 1 EACH	Multiplier MPE4593 1 Year	Motorola Saber	77.95 0.5 0.23	39.95 39.40 38.96

2-Way Radio Battery Eliminator

W&W Manufacturing battery eliminators allows you to operate your 2-way radio from a 12 volt cigarette lighter socket.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Brand, Radio Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
67217 1 EACH	W & W Mfg. 006A24506P3	GE Monogram	67.90 0.5 0.23	48.00 47.76 47.52

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Chargers and Conditioners-Two Way

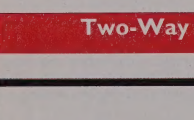
Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Brand, Radio Model	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37373 1 EACH	W & W Mfg. 010C5293P1	GE PCS	67.90 0.5 0.23	48.00 47.76 47.52
54119 1 EACH	W & W Mfg. 035Q1KNB15A	Kenwood TK260/270/360/370	67.90 0.5 0.23	48.00 47.76 47.52
31963 1 EACH	W & W Mfg. 035Q6KNB17	Kenwood TK280/380/480, TK290/390, TK481	67.90 0.5 0.23	48.00 47.76 47.52
NEW 432353 1 EACH	W & W Mfg. 035R1PB14	Kenwood TH-27/47, TH-28/48/78	67.90 0.5 0.23	48.00 47.76 47.52
84345 1 EACH	W & W Mfg. WCE-035G-KNB3	Kenwood TH205/215/405/415, TH310/320	67.90 0.5 0.23	48.00 47.76 47.52
55459 1 EACH	W & W Mfg. 060Z69628A	Motorola GP300	67.90 0.5 0.23	48.00 47.76 47.52
37300 1 EACH	W & W Mfg. 060M57144A	Motorola HT1000	67.90 0.5 0.23	48.00 47.76 47.52
55806 1 EACH	W & W Mfg. 060M3	Motorola HT750/ 1250/ 1550, GP320/ 340/ 360/ 380/ 640/ 680/ 1280	94.75 0.5 0.23	67.00 66.67 66.33
NEW 443278 1 EACH	W & W Mfg. 060Q4824	Motorola MT1000	67.90 0.5 0.23	48.00 47.76 47.52
37320 1 EACH	W & W Mfg. 060W45415A	Motorola P100	67.90 0.5 0.23	48.00 47.76 47.52
43998 1 EACH	W & W Mfg. 060Z99049A	Motorola P1225	67.90 0.5 0.23	48.00 47.76 47.52
47050 1 EACH	W & W Mfg. 061D7394	Motorola Visar	67.90 0.5 0.23	48.00 47.76 47.52
37321 1 EACH	W & W Mfg. 061H8294A	Motorola XTS3000	69.30 0.5 0.23	49.00 48.76 48.51

Two-Way Battery Conditioners [306-10]

Multiplier, offering an extensive line of NiCd, NiMH, Li-Ion, and Factory Mutual-approved, intrinsically safe batteries for standard, custom and OEM applications, including two-way, cellular and PCS.

ACT iCHARGE charger/conditioners



53062

ACT iCHARGE incorporate ACT's proprietary DEW technology, which uses a micro-processor and patented algorithm to read the chemistry of the individual NiCd, NiMH or LiIO battery and respond with a precise, maximum-capacity, conditioning charge every time. This eliminates the need for expensive battery maintenance programs. Deep conditioning is performed at the touch of a button. The (optional) IGUAGE provides a LCD display of the batteries capacity. Not compatible with TBC series adapters.

- MUST ORDER RADIO SPECIFIC iCHARGE SERIES ADAPTERS SEPARATELY.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
53062 1 EACH	Advanced Charger ICHARGE110 1 year	Single-bay iCHARGE battery charger/conditioner. For NiCd, NiMH and LiIO batteries. ORDER RADIO SPECIFIC iCHARGE SERIES ADAPTERS SEPARATELY.	140.00 4 1.82	94.22 84.56 71.12
53071 1 EACH	Advanced Charger ICHARGE160 1 year	Six-bay iCHARGE battery charger/conditioner. For NiCd, NiMH and LiIO batteries. ORDER RADIO SPECIFIC iCHARGE SERIES ADAPTERS SEPARATELY.	749.00 18.3 8.32	504.08 452.40 380.50
53079 1 EACH	Advanced Charger ICHARGE165 1 year	Six-bay iCHARGE battery charger/conditioner with maintenance mode to keep your NiCd, NiMH and LiIO batteries in peak condition. This will continue to "maintain" batt's (chrging and DISCHARGING) which will not make batt's available for use 100% of time. ORDER RADIO SPECIFIC iCHARGE SERIES ADAPTERS SEPARATELY.	849.00 18.36 8.34	571.38 512.80 431.30

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
64068 1 EACH	Advanced Charger IGAUGE 1 year	iGUAGE is an intelligent capacity LCD display that fits beneath the six bay iCHARGE adapter. It features a capacity check mode that will cycle the battery once, and a recondition mode that will deep condition the battery three times to restore lost capait	99.00 0.25 0.11	67. 67. 67.
447064 1 EACH	Advanced Charger IRACK 1 year	Radio rack conveniently attaches to the back of 6 bay models to store the radios while the batteries are being charged.	63.30 10 4.54	42. 38. 32.

iCHARGE In-Vehicle Charger

445133

The iCHARGE i15VC in-vehicle charger is ideal for emergency response vehicles and mobile communication units. You can have on site the same benefits as the desktop iCHARGE system. The i15VC is available with a rette lighter plug or can be hard-wired into the electronics of any vehicl NOTE: SUPPORTS ALL ACT ADAPTERS FOR 7.2V TWO-WAY RADIO BATTERIES.

- Full charge in 45-90 minutes
- Charges NiCD and NiMH
- 12- and 24-volt input
- Patented DEW technology
- User friendly - green light = GO
- Maintenance mode upon reaching charge comple
- Easily mounts in most vehicles
- Interchangeable adapters
- SUPPORTS ALL ACT ADAPTERS FOR 7.2V TWO WAY RADIO BATTERIES

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW 445133 1 EACH	Advanced Charger i15-02VC 1 year	iCHARGE in-vehicle battery charger/conditioner with cigarette lighter adapter. For NiCd and NiMH batteries. ORDER RADIO SPECIFIC iCHARGE SERIES ADAPTERS SEPARATELY.	140.00 4 1.82	94. 84. 71.
NEW 475110 1 EACH	Advanced Charger i15-01VC 1 year	iCHARGE hardwired in-vehicle battery charger/conditioner. For NiCd and NiMH batteries. ORDER RADIO SPECIFIC iCHARGE SERIES ADAPTERS SEPARATELY.	140.00 4 1.82	94. 84. 71.

ACT iCHARGE Adapter Cups

64779

ACT radio specific adapter cups for use with the ACT iCHARGE series of chargers ditioners.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
64779 1 EACH	Advanced Charger IBEK10-NCD 1 year	Bendix King LPH, LPA, LPX, EPH. NiCd batteries only. Only used with iCHARGE series of ACT ACTivator chargers.	30.00 1 0.45	28 27 27
64159 1 EACH	Advanced Charger IGER10-NCD 1 year	GE/Ericsson MPA, MPD, MTL, PCS, PLS. NiCd batteries only. Only used with iCHARGE series of ACT ACTivator chargers.	30.00 1 0.45	28 27 27
63365 1 EACH	Advanced Charger IGER12-NCD 1 year	GE/Ericsson MRK. NiCd batteries only. Only used with iCHARGE series of ACT ACTivator chargers.	30.00 0.17 0.08	28 27 27
63390 1 EACH	Advanced Charger IGER14-NCD 1 year	GE/Ericsson LPE, KPC, Prism. NiCd batteries only. Only used with iCHARGE series of ACT ACTivator chargers.	30.00 1 0.45	28 27 27
NEW 449362 1 EACH	Advanced Charger IGER15-NCD 1 year	For Ericsson Jaguar radios. NiCD batteries only. Only used with iCHARGE series of ACT ACTivator chargers.	30.00 1.5 0.68	28 27 27
493071 1 EACH	Advanced Charger IGER15-NMH 1 year	For Ericsson Jaguar radios. NiMH batteries only. Only used with iCHARGE series of ACT ACTivator chargers.	30.00 1.5 0.68	28 27 27
NEW 452379 1 EACH	Advanced Charger IGER16-NMH 1 year	For Ericsson/ M/A-COM 300-P radios. NiMH batteries only. Only used with iCHARGE series of ACT ACTivator chargers.	30.00 1.5 0.68	28 27 27
NEW 469375 1 EACH	Advanced Charger ICOM11-NCD/ NMH 1 year	Icom F30/F40 radios. NiCd batteries only. Only used with iCHARGE series of ACT ACTivator chargers.	30.00 1 0.45	28 27 27
486047 1 EACH	Advanced Charger ICOM10-NCD 1 year	Icom F3/F4 radios. NiCd batteries only. Only used with iCHARGE series of ACT ACTivator chargers.	30.00 1 0.45	28 27 27
64221 1 EACH	Advanced Charger IIDE10-N-N 1 year	Iden c280, i360, i370, i470, i600. NiCd and NIMH batteries. Only used with iCHARGE series of ACT ACTivator chargers.	30.00 1 0.45	28 27 27
64781 1 EACH	Advanced Charger IIDE12-NMH 1 year	Iden i500 and i700. NIMH batteries only. Only used with iCHARGE series of ACT ACTivator chargers.	30.00 1 0.45	28 27 27

NEW = New Listing. Pricing for reference See TESSCO.com for latest pricing and pro
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uing product table (2 of 2)

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
105 CH	Advanced Charger IIDE13-LIN 1 year	Iden i1000. Lilo batteries only. Only used with iCHARGE series of ACT ACTivator chargers.	30.00 1 0.45	28.23 27.75 27.00
159 CH	Advanced Charger IKEN10-NCD 1 year	Kenwood TK250, TK350, TK353, TK430, TK431. NiCD batteries only. Only used with iCHARGE series of ACT ACTivator chargers.	30.00 0.15 0.07	28.23 27.75 27.00
163 CH	Advanced Charger IKEN11-NCD 1 year	Kenwood TK260, TK270, TK290, TK360, TK370, TK390, TK480, TK481. NiCd batteries only. Only used with iCHARGE series of ACT ACTivator chargers.	30.00 1 0.45	28.23 27.75 27.00
102 CH	Advanced Charger IKEN11-NMH 1 year	Kenwood TK260, TK270, TK290, TK360, TK370, TK390, TK480, TK481. NiMH batteries only. Only used with iCHARGE series of ACT ACTivator chargers.	30.00 1 0.45	28.23 27.75 27.00
W 319 CH	Advanced Charger IKEN12-LIN 1 year	Kenwood TK2140/3140. Lilon batteries only. Only used with iCHARGE series of ACT ACTivator chargers.	30.00 1 0.45	28.23 27.75 27.00
W 356 CH	Advanced Charger IKEN12-NCD 1 year	Kenwood TK2140/3140. NiCD batteries only. Only used with iCHARGE series of ACT ACTivator chargers.	30.00 1 0.45	28.23 27.75 27.00
W 370 CH	Advanced Charger IKEN12-NMH 1 year	Kenwood TK2140/3140. NiMH batteries only. Only used with iCHARGE series of ACT ACTivator chargers.	30.00 1 0.45	28.23 27.75 27.00
107 CH	Advanced Charger IMOT22-NCD 1 year	Motorola CT-250. NiCD batteries only. Only used with iCHARGE series of ACT ACTivator chargers.	30.00 1 0.45	28.23 27.75 27.00
023 CH	Advanced Charger IMOT22-NMH 1 year	Motorola CT-250. NiMH batteries only. Only used with iCHARGE series of ACT ACTivator chargers.	30.00 1 0.45	28.23 27.75 27.00
03 CH	Advanced Charger IMOT12-NCD 1 year	Motorola GP300, GTX, LTS2000, P110. NiCd batteries only. Only used with iCHARGE series of ACT ACTivator chargers.	30.00 1 0.45	28.23 27.75 27.00
46 CH	Advanced Charger IMOT13-NCD 1 year	Motorola GP350. NiCd batteries only. Only used with iCHARGE series of ACT ACTivator chargers.	30.00 1 0.45	28.23 27.75 27.00
040 CH	Advanced Charger IMOT18-N-N 1 year	Motorola HT750/ 1250/ 1550. NiCD/NiMH batteries. Only used with iCHARGE series of ACT ACTivator chargers.	30.00 1.5 0.68	28.23 27.75 27.00
188 CH	Advanced Charger IMOT18-LIN 1 year	Motorola HT750/ 1250/ 1550. Lilo batteries only. Only used with iCHARGE series of ACT ACTivator chargers.	30.00 1.5 0.68	28.23 27.75 27.00
94 CH	Advanced Charger IMOT10-NCD 1 year	Motorola HT1000, MT2000, MTS2000, MTX8000, MTX9000. NiCD batteries only. Only used with iCHARGE series of ACT ACTivator chargers.	30.00 0.25 0.11	28.23 27.75 27.00
98 CH	Advanced Charger IMOT11-NCD 1 year	Motorola MT1000, P200, P210, HT600, HT800, MTX800, MTX900. NiCd batteries only. Only used with iCHARGE series of ACT ACTivator chargers.	30.00 1 0.45	28.23 27.75 27.00
56 CH	Advanced Charger IMOT16-NCD 1 year	Motorola P1225. NiCd batteries only. Only used with iCHARGE series of ACT ACTivator chargers.	30.00 0.2 0.09	28.23 27.75 27.00
01 CH	Advanced Charger IMOT14-NCD 1 year	Motorola Saber. NiCd batteries only. Only used with iCHARGE series of ACT ACTivator chargers.	30.00 1 0.45	28.23 27.75 27.00
57 CH	Advanced Charger IMOT21-NCD 1 year	Motorola Rugged Saber. NiCd batteries only. Only used with iCHARGE series of ACT ACTivator chargers.	30.00 0.2 0.09	28.23 27.75 27.00
77 CH	Advanced Charger IMOT19-NCD 1 year	Motorola SP10/ 21. NiCD batteries. Only used with iCHARGE series of ACT ACTivator chargers.	30.00 1.5 0.68	28.23 27.75 27.00
89 CH	Advanced Charger IMOT20-NCD 1 year	Motorola SP50. NiCD batteries only. Only used with iCHARGE series of ACT ACTivator chargers.	30.00 1.5 0.68	28.23 27.75 27.00
91 CH	Advanced Charger IMOT15-NCD 1 year	Motorola STX NiCD batteries only. Only used with iCHARGE series of ACT ACTivator chargers.	30.00 1.5 0.68	28.23 27.75 27.00
1 CH	Advanced Charger IMOT17-NCD 1 Year	Motorola XTS3000. NiCd batteries only. Only used with iCHARGE series of ACT ACTivator chargers.	30.00 1 0.45	28.23 27.75 27.00
35 CH	Advanced Charger IMOT17-NMH 1 year	Motorola XTS3000. NiMH batteries only. Only used with iCHARGE series of ACT ACTivator chargers.	30.00 1.5 0.68	28.23 27.75 27.00
34 CH	Advanced Charger ITAI10-NCD 1 year	Tait Orca. NiCd batteries only. Only used with iCHARGE series of ACT ACTivator chargers.	30.00 1 0.45	28.23 27.75 27.00
58 CH	Advanced Charger IVER10-NCD 1 year	Vertex VX500/ 510/ 520. NiCd batteries only. Only used with iCHARGE series of ACT ACTivator chargers.	30.00 0.15 0.07	28.23 27.75 27.00

AdvanceTec 2 Way Radio Charger

92015

AdvanceTec conditioning charger conditions/ charges NiCd and NiMH in less than one hour using a high charge current with regularly spaced negative current pulses. This method results in low heat generation and higher charge acceptance. Charge termination is determined by the negative Delta V method so no overcharging occurs. The unit will charge to 100% then switch to maintenence mode. Instant Fault Detection technology detects faulty radio batteries in seconds. Includes AC adapters and DC adapters on most models*.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
60526 1 EACH	AdvanceTec AT2020IFD 3 Years	Bendix/King 2 way radios. Dual function allows trickle or rapid charging. 12VDC adapter IS NOT INCLUDED*. Will not charge properly from the vehicle.	135.90 2 0.91	73.12 69.42 67.95
99975 1 EACH	AdvanceTec AT2001IFD 3 Years	GE/ Ericsson Monogram series and Maxon SP2550, 2850 2 way radios. 12VDC adapter IS NOT INCLUDED*. Will not charge properly from the vehicle	135.90 1.5 0.68	73.12 69.42 67.95
48368 1 EACH	AdvanceTec AT2002IFD 3 Years	GE/ Ericsson MRK 2 way radios.	135.90 1.5 0.68	73.12 69.42 67.95
86761 1 EACH	AdvanceTec AT2003IFD 3 Years	GE/ Ericsson PCS series 2 way radios.	135.90 1.5 0.68	73.12 69.42 67.95
35154 1 EACH	AdvanceTec AT2004IFD 3 Years	GE/ Ericsson Prism/ LPE50/ LPE200/ KPC300/ KPC400, Prism, Panther 2 way radios.	135.90 1.5 0.68	73.12 69.42 67.95
41753 1 EACH	AdvanceTec AT2030IFD 3 Years	Kenwood TK250/350 430/431 2 way radios.	135.90 1.7 0.77	73.12 69.42 67.95
43694 1 EACH	AdvanceTec AT2031IFD 3 Years	Kenwood TK260/ 270/ 360/ 370/ TK2100/ 3100/ 3101	135.90 1.7 0.77	73.12 69.42 67.95
43686 1 EACH	AdvanceTec AT2032IFD 3 Years	Kenwood 280/ 380/ 190/ 290/ 390/ 480/ 481 2 way radios.	135.90 1.7 0.77	73.12 69.42 67.95
81958 1 EACH	AdvanceTec AT2088IFD 3 Years	MIRS/ Lingo 2 way radio.	135.90 1.7 0.77	73.12 69.42 67.95
92015 1 EACH	AdvanceTec AT2050IFD 3 Years	Motorola GP300, P110, LTS200, Tritan NP110 2 way radios.	135.90 1.5 0.68	73.12 69.42 67.95
40408 1 EACH	AdvanceTec AT2051IFD 3 Years	Motorola HT1000, MT2000, MTX8000, MTS2000, HT6000 2 way radios.	135.90 1.5 0.68	73.12 69.42 67.95
48734 1 EACH	AdvanceTec AT2060IFD 3 Years	Motorola HT750, HT1250, HT1550 MTX800, MTX810, MTX900 2 way radios. 12VDC adapter is NOT INCLUDED. Will not charge properly from the vehicle.	135.90 1.5 0.68	73.12 69.42 67.95
78801 1 EACH	AdvanceTec AT2052IFD 3 Years	Motorola P200/210, HT600/800, MT1000, MTX800, MTX810, MTX900 2 way radios. 12VDC adapter is NOT INCLUDED. Will not charge properly from the vehicle.	135.90 1.5 0.68	73.12 69.42 67.95
73547 1 EACH	AdvanceTec AT2054IFD 3 Years	Motorola Saber, Astro 2 way radios	135.90 1.5 0.68	73.12 69.42 67.95
72547 1 EACH	AdvanceTec AT2058IFD 3 Years	Motorola P10/ P50/ SP50/ P60/ HT10/ SP10 SP21 SP50/ Spirit 2 way radios	135.90 2 0.91	73.12 69.42 67.95
83244 1 EACH	AdvanceTec AT2059IFD 3 Years	Motorola XTS3000 2 way radios	135.90 1.5 0.68	73.12 69.42 67.95

AdvanceTec IFD Multi-Charger

447023

The IFD Bank is a convenient multi-unit Reconditioning/ Charger for both 2 way & cellular batteries. Instant Fault Detection technology detects faulty radio batteries in seconds. It will simultaneously condition, charge and rejuvenate up to 4 of the same batteries in approximately 1 to 1 1/2 hours. The Bank will never overcharge and will always maintain 100% charge. Increases useful battery life by 200%-300%. Excellent for frequent users. Also available for cellular phones. Operates on 110/220 VAC. Made in the USA. .

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
425012 1 EACH	AdvanceTec AT4000IFD 3 year	Base only. No plates included.	557.30 4 1.82	299.85 284.71 278.65
491043 1 EACH	AdvanceTec AT4-2031IFD 3 year	For Kenwood TK260, 360, 270, and 370 2-way radios.	640.25 3.15 1.43	344.47 327.07 320.11
496052 1 EACH	AdvanceTec AT4-2030IFD 3 year	For Kenwood TK430, 431, 250 and 350 2-way radios.	640.25 3.15 1.43	344.47 327.07 320.11

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
447023 I EACH	AdvanceTec AT4-2050IFD 3 year	For Motorola GP300, P110 2 way radios.	640.25 5 2.27	344.47 327.07 320.11
426030 I EACH	AdvanceTec AT4-2051IFD 3 year	For Motorola HT1000, MT2000, MTX8000, MTX9000 2 way radios.	640.25 5 2.27	344.47 327.07 320.11
421002 I EACH	AdvanceTec AT4-2056IFD 3 year	For Motorola P1225 2 way radios.	640.25 5 2.27	344.47 327.07 320.11
427049 I EACH	AdvanceTec AT4-2054IFD 3 year	For Motorola Saber and Astro 2 way radios.	640.25 5 2.27	344.47 327.07 320.11
473008 I EACH	AdvanceTec AT4-2055IFD 3 year	For Motorola Visar 2 way radios.	640.25 5 2.27	344.47 327.07 320.11

MasterCharger Ia Battery Charger

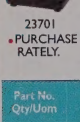
23701

W&W Manufacturing Company MasterCharger Ia single station NiCd and NiMH microprocessor controlled rapid battery charger. Will typically charge a battery in 1/2 to 2 3/4 hours using negative delta (V) and delta (T)/delta (t) technology.

- PURCHASE BATTERY SPECIFIC W&W MANUFACTURING MASTERCHARGER (only) CUPS SEPARATELY.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
23701 I EACH	W & W Mfg. MASTERCHAR IA 1 year	Single station NiCd and NiMH rapid battery charger. Requires MasterCharger cup.	77.80 1 0.45	55.00 54.73 54.45

MasterCharger IIa Battery Charger



35218

W&W Manufacturing Company MasterCharger IIa single station NiCd and NiMH overnight battery charger. Will typically charge in 8 to 14 hours using a regulated constant current charging circuit.

- PURCHASE BATTERY SPECIFIC W&W MANUFACTURING MASTERCHARGER (only) CUPS SEPARATELY.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
35218 I EACH	W & W Mfg. MASTERCHAR IIA 1 year	Single station overnight NiCd and NiMH battery charger. Requires MasterCharger IIa cup.	40.40 0.96 0.44	28.55 28.41 28.27

MasterCharger 6a

W&W Manufacturing Company MasterCharger 6 six station NiCd and NiMH microprocessor controlled battery charger. Will typically charge a battery in 1/2 to 2 3/4 hours using negative delta (V) and delta (T)/delta (t) technology. Can charge six different batteries simultaneously with different voltages, capacities or chemistries. Includes 115 VAC power supply.

- CUPS ARE INCLUDED. MUST SPECIFY CUPS WHEN ORDERING.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
71211 I EACH	W & W Mfg. MASTERCHAR 6 1 year	Six station rapid NiCd and NiMH battery charger. CUPS ARE INCLUDED. MUST SPECIFY CUPS WHEN ORDERING.	601.10 7 3.18	425.00 422.88 420.75

W&W Manufacturing MasterCharger Cups

20083

W&W Manufacturing Company battery adapter cups for Master Charger Ia, IIa, VIa and MC1CE battery chargers.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
435028 I EACH	W & W Mfg. 77	GE MRK radio.	20.55 0.25 0.11	14 14 14
20083 I EACH	W & W Mfg. 43	GE PCS radio with 19A705293P1 battery.	20.55 0.25 0.11	14 14 14
484005 I EACH	W & W Mfg. 89	Icom IC-F3/F4 radios with BP-195, BP-196 batteries.	20.55 0.25 0.11	14 14 14
NEW 412336 I EACH	W & W Mfg. 11	Kenwood TH-27/47, TH-28/48/78 with PB-13/14/18 bateries.	20.55 0.25 0.11	14 14 14
98713 I EACH	W & W Mfg. 2	Kenwood TK220/ 250 320/ 350/ 353/ 430/ 431, TH25A/ 45AT/ 55AT/ 26AT/ 46AT/ 75AT/ 77AT radios with KNB5, KNB6, KNB7, KNB9A, KNB9B, KNB11A, KNB12A batteries.	20.55 0.25 0.11	14 14 14
60686 I EACH	W & W Mfg. 91	Kenwood TK480/481 radios. KNB16A, KNB17A batteries.	20.55 0.35 0.16	14 14 14
NEW 475315 I EACH	W & W Mfg. 114	Motorola Radius GP68	20.55 0.25 0.11	14 14 14
44919 I EACH	W & W Mfg. 28	Motorola HT1000, MT2000, MTX8000, MTX9000, GP900 radios. NTN7143, NTN7143C, NTN7144, NTN7145A, batteries.	20.55 0.25 0.11	14 14 14
436175 I EACH	W & W Mfg. 111	Motorola HT750,1250,1550,GP140,320,340,640,680,1280,PRO5150,7150,9150. HNN9008R,9009R, and 9012R batteries.	20.55 0.25 0.11	14 14 14
462031 I EACH	W & W Mfg. 15	Motorola Saber with NTN4537/4538/4539/4592/93/94/95 batteries.	20.55 0.25 0.11	14 14 14
90896 I EACH	W & W Mfg. 94	Uniden SPU51KT radio with APX1120 battery.	20.55 0.35 0.16	14 14 14
410003 I EACH	W & W Mfg. 14	Yaesu radios with FNB10, FNB12, FNB25, FNB26, FNB27 batteries	20.55 0.25 0.11	14 14 14

Battery Analyzers/Conditioners [307-10]

W&W MANUFACTURING CO.
WHERE QUALITY IS #1

W & W Manufacturing Co. announce their replacement battery for the M/A-Com Jaguar Radio. Available in 1700 mAh NiCd version and 2700 mA high-capacity NiMH version.

AdvanceTec Analyzer/ Conditioner

28591

AdvanceTec Pulse Analyzer Conditioner for NiCd and NiMH batteries. Simple to operate. No buttons to press. Simply place the battery on the analyzer. The bat is conditioned through a programmed discharge followed by a rapid charge and diton utilizing AdvanceTec' s patented negative-pulse technology. Battery capaci shown on the digital display. Available as a single station, four station or hybrid station analyzer and three station charger.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
418003 I EACH	AdvanceTec AT5090PA 3 yr	Single Station analyzer/ conditioner for EF Johnson Viking 2 way radios. Adapter cups not required.	267.20 1.5 0.68	1 1 1
448178 I EACH	AdvanceTec AT5005PA 3 yr	Single Station analyzer/ conditioner for GE MPA/MPD/ PLS/TPX 2-way radios. Adapter cups not required.	267.20 1.5 0.68	1 1 1

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Battery Analyzers and Conditioners

nuing product table (2 of 2)

t No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
591 ACH	AdvanceTec AT5051PA 3 yr	Single Station analyzer/ conditioner for Motorola HT1000, MT2000, MTX8000, MTX9000 2 way radios. Adapter cups not required.	267.20 1.5 0.68	143.76 136.50 133.59
984 ACH	AdvanceTec AT4505 1PA 3 yr	Four Station analyzer/ conditioner for Motorola HT1000, MT2000, MTX8000, MTX9000 2 way radios. Adapter cups not required.	1,197.30 6 2.73	644.18 611.65 598.63

) Five Analyzer/Conditioner

iTECH IQ Five Conditioner/ Analyzer/ Charger is a battery test and maintenance product for NiCd, NiMH and Lilo batteries. All test modes report capacity and status on an LCD. "Analyze" mode measures capacity. "Condition" mode cycles batteries to bring back capacity. "Cycle Test" mode "forms" new batteries to ensure best out-of-box performance. Print a date/time-stamped receipt for your customers with an optional POS printer. Battery adapters are available for more than 500 wireless product batteries.

RCHASE iTECH BATTERY SPECIFIC ADAPTER CUPS SEPARATELY.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
095 ACH	iTECH BC3506QP-5 3 Years	iTECH iQfive 6 station conditioner/ analyzer/ charger for NiCd/ NiMH/ Li-Ion batteries. 600 mA charge rate. 120VAC model.	747.05 11.87 5.39	635.00 635.00 631.83
056 ACH	iTECH BC3506QPW-5 3 Years	iTECH iQfive 6 station conditioner/ analyzer/ charger for NiCd/ NiMH/ Li-Ion batteries. 600 mA charge rate. European 230VAC model.	747.05 11.55 5.25	635.00 635.00 631.83

Plus Analyzer/Conditioner

iTECH IQ Plus charger/analyzer/conditioner is a battery test and maintenance product for NiCD and NiMH batteries. All test modes report capacity and status on an LCD. "Analyze" mode measures capacity. "Condition" mode cycles batteries to bring back capacity. "Discharge" mode tests the battery capacity as generated by your radio charger. Battery adapters are available for more than 500 wireless product batteries.

487036
CHASE iTECH BATTERY SPECIFIC ADAPTER CUPS SEPARATELY.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
079 CH	iTECH BC3501QC 1 yr	iTECH iQplus 1 station conditioner/ analyzer/ charger for NiCd and NiMH batteries. 600 mA charge rate. 120VAC model.	429.45 7.55 3.43	365.00 365.00 363.18
093 CH	iTECH BC3501QW 1 yr	iTECH iQplus 1 station conditioner/ analyzer/ charger for NiCd and NiMH batteries. 600 mA charge rate. European 230VAC model.	429.45 5 2.27	365.00 365.00 363.18
036 CH	iTECH BC3503QC 1 yr	iTECH iQplus 3 station conditioner/ analyzer/ charger for NiCd and NiMH batteries. 600 mA charge rate. 120VAC model.	480.00 7 3.18	408.00 408.00 405.96
039 CH	iTECH BC3503QW 1 yr	iTECH iQplus 3 station conditioner/ analyzer/ charger for NiCd and NiMH batteries. 600 mA charge rate. European 230VAC model.	480.00 7.2 3.27	408.00 408.00 405.96
067 CH	iTECH BC3603QC 1 yr	iTECH iQplus 3 station conditioner/ analyzer/ charger for NiCd and NiMH batteries. 900 mA charge rate. 120VAC model.	551.80 10.26 4.66	469.00 469.00 466.66
079 CH	iTECH BC3603QW 1 yr	iTECH iQplus 3 station conditioner/ analyzer/ charger for NiCd and NiMH batteries. 900 mA charge rate. European 230VAC model.	551.80 7.2 3.27	469.00 469.00 466.66

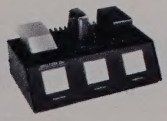
iTECH iQpac Analyzer Charger

If you use a personal radio or cellular phone and rely on batteries, you need to know and predict battery performance. ITECH's iQpac personal analyzer charger is the easy way for you to tell whether or not your battery is good; the iQpac LCD shows the battery's capacity - you can see how your battery will perform by comparing actual capacity against battery specifications. The iQpac features:

- "Quick Analyze" that dispalys battery capacity while charging
- "Spec Analyze" that tests capacity for warranty returns
- "Condition" that restores lost capacity
- Selectable negative pulse conditioning or constant current charging with three selectable rates (500/ 1000/1500 mA)
- Supports NiCD, NiMH, and Lithium Ion chemistries
- Lock settings with free Windows program
- PURCHASE iQpac BATTERY SPECIFIC ADAPTERS SEPARATELY

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
458082 1 EACH	iTECH BCIQPAC 1 Year	iQpac charger/ analyzer/ conditioner. 115VAC. For NiCD or NiMH batteries. Purchase iQpac battery specific adapters separately.	207.90 3.81 1.73	126.00 125.37 124.74
485018 1 EACH	iTECH BCIQPACL 1 Year	iQpac charger/ analyzer/ conditioner. 115VAC. For Li-Ion batteries. Purchase iQpac battery specific adapters separately.	207.90 2 0.91	126.00 125.37 124.74
428055 1 EACH	iTECH BCIQPACW 1 Year	iQpac charger/ analyzer/ conditioner. 230VAC. For NiCD or NiMH batteries. Purchase iQpac battery specific adapters separately.	207.90 2 0.91	126.00 125.37 124.74
435048 1 EACH	iTECH BCIQPACLW 1 Year	iQpac charger/ analyzer/ conditioner. 230VAC. For Li-Ion batteries. Purchase iQpac battery specific adapters separately.	207.90 2 0.91	126.00 125.37 124.74

W&W Battery Analyzer/Conditioners



W&W Manufacturing Company battery analyzer/ conditioner/ charger features independent charge and discharge rates per cup which allows the batteries to be properly analyzed and conditioned. Uses end of charge detection of peak voltage/time for NiCd and NiMH batteries and two-step fast charge/ minimum current/ time for Lilo. Single button operation initiates all modes of operation. For use with NiCd, NiMH, sealed lead acid and certain Lilo batteries. Includes PC serial port. Software is sold separately.

- PURCHASE BATTERY SPECIFIC W&W, MANUFACTURING ADAPTER CUPS SEPARATELY.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
424056 1 EACH	W & W Mfg. ANIA 1 year	Analyzer I 1 station analyzer/conditioner for NiCD, NiMH, SLA and certain Lilo batteries. 90 to 264 VAC @ 47 to 63 Hz input. Includes PC serial port. Software is sold separately.	342.25 6 2.73	242.00 240.79 239.58
453075 1 EACH	W & W Mfg. ANIIIA 1 year	Analyzer III 3 station analyzer/conditioner for NiCD, NiMH, SLA and certain Lilo batteries. 90 to 264 VAC @ 47 to 63 Hz input.	574.20 8 3.64	406.00 403.97 401.94
470044 1 EACH	W & W Mfg. ANVIA 1 year	Analyzer VI 6 station analyzer/conditioner for NiCD, NiMH, SLA and certain Lilo batteries. 90 to 264 VAC @ 47 to 63 Hz input. Includes PC serial port. Software is sold separately.	1,148.40 14.68 6.67	812.00 807.94 803.88
466077 1 EACH	W & W Mfg. AN1A-SFW-2.0 1 year	Version 2.0 Computer Software for newer Analyzer Ia, IIIa and VIa's. Allows storing batteries' permanent records. Each report includes: date/start time and date/ end time of analysis, function, milliamp hours and percent of rated capacity.	247.50 0.5 0.23	175.00 174.13 173.25
469060 1 EACH	W & W Mfg. AN1-SFW-1.4 1 year	Version 1.4 Computer Software for older Analyzer I, III and VI's. Allows storing batteries' permanent records. Each report includes: date/start time and date/end time of analysis, function, milliamp hours and percent of rated capacity.	247.50 0.5 0.23	175.00 174.13 173.25

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W&W Rapid Analyzer I

496310

W&W Manufacturing Company stand-alone single position rapid analyzer features:

- 3-Minute analyzer/ conditioner/ battery tester. Charges and discharges. Shows battery capacity when fully charged.
- Easy to operate with one button.
- Each cup easily snaps in and out and is compatible with NiCD, NiMH, Li-Ion and Li Polymer batteries. No need for separate cups for different chemistries.
- RS32 (DB9 female) computer interface ready.
- DB9 male serial printer ready.
- PURCHASE BATTERY SPECIFIC W&W MANUFACTURING R SERIES ADAPTER CUPS SEPARATELY

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 496310 1 EACH	W & W Mfg. RA1 1 year	1 position rapid battery analyzer and conditioner for NiCd, NiMH, LiIo, Li Polymer batteries. Order R Series battery adapter cups separately.	883.95 6 2.73	625.00 621.88 618.75

Adapter Cups for Battery Analyzers [307-15]

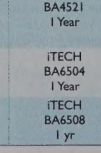
iTECH/JBRO Cellular Battery Adapters

"BA" battery adapters for use with iTECH's iQplus, iQfive, and iQten battery charge and maintenance systems. "Li-ion-only" adapters are for Li-ion rechargeable batteries. "Ni..." adapters may damage Li-ion.

- Not for use with iQpac series chargers

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Model Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
412089 1 EACH	iTECH BA4534 1 year	Motorola iDEN i500/ 550/ 700/ 750 plus. NiCd and NiMH batteries.	51.60 0.25 0.11	31.25 31.10 30.94
441103 1 EACH	iTECH BA4544 1 year	Motorola iDEN r750plus. NiMH batteries.	51.60 0.25 0.11	31.25 31.10 30.94
29413 1 EACH	iTECH BA6003 1 yr	Motorola StarTAC aux and main and iDEN i1000/ i2000. NiCD, NiMH and LiIO batteries.	148.50 0.25 0.11	90.00 89.55 89.10
14174 1 EACH	iTECH BA4513 1 yr	Nokia 600 series. NiMH batteries. Requires V4.4 or greater software.	84.15 1 0.45	51.00 50.75 50.49
94004 1 EACH	iTECH BA3072 1 yr	Nokia 600 series. NiCd batteries.	51.60 1 0.45	31.25 31.10 30.94
12644 1 EACH	iTECH BA4521 1 Year	Nokia 5100/ 6100/7100 series. NiMH batteries. Use with IQ-5/IQ-10 analyzers only. Requires V4.4 or greater software.	68.55 0.2 0.09	41.53 41.33 41.12
474106 1 EACH	iTECH BA6504 1 Year	Nokia 5100/ 6100/7100 series. LiIo batteries. Use with IQ-5/IQ-10 analyzers only.	84.15 0.25 0.11	51.00 50.75 50.49
424008 1 EACH	iTECH BA6508 1 yr	Nokia 8290. LiIo batteries.	120.75 0.42 0.19	73.17 72.81 72.44

iTECH/JBRO Two-Way Battery Adapters



"BA" battery adapters for use with iTECH's iQplus, iQfive, and iQten battery charge and maintenance systems. "NiCD" adapters are accurate for all NiCD and NiMH batteries with capacities less than 3000mAh. "NiCD/NiMH" adapters monitor NiMH battery thermistors and are accurate for all "Ni..." batteries with capacities less than 7000mAh. "NiMH-only" adapters are only accurate with NiMH batteries. "Li-ion-only" adapters are for Li-ion rechargeable batteries. "Ni..." adapters may damage Li-ion.

- Not for use with iQpac series chargers

Continuing product table (1 of 4)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Model Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
18376 1 EACH	iTECH BA2016 1 yr	Universal, with dip switches and wire leads. Choose voltage through the DIP switch. For service shop use when battery cup is not available. NiCd battery only.	28.90 0.15 0.07	17.50 17.42 17.33

Continuing product table (2 of 4)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Model Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
44101 1 EACH	iTECH BA2013 1 yr	Universal, with rotary switch and wire leads with alligator clips. Choose voltage by rotary switch. Use when battery cup is not available. NiCd battery only. Voltage range of 3.6V-14.4 on IQ-5 chargers. Voltage range of 4.4V-14.4V on Telepower chargers.	148.50 0.75 0.34	90. 89. 89.
10704 1 EACH	iTECH BA1016 1 yr	Bendix/King EPH, LPH & LPX. NiCd batteries.	28.90 0.25 0.11	17. 17. 17.
24422 1 EACH	iTECH BA1048 1 yr	E.F. Johnson 8560, 8565. NiCd batteries.	28.90 0.25 0.11	17. 17. 17.
19536 1 EACH	iTECH BA1081 1 yr	Ericsson MPD, MPA, TPX, PLS, MTL. NiCd batteries.	28.90 0.25 0.11	17. 17. 17.
52410 1 EACH	iTECH BA1137 1 yr	Ericsson Prism HP, LPE200, KPC300/ 400. NiCd batteries.	39.60 0.25 0.11	24. 23. 23.
NEW 437337 1 EACH	iTECH BA1199 1 yr	Ericsson Panther HP. NiCd battery.	39.60 0.25 0.11	24. 23. 23.
59211 1 EACH	iTECH BA1116 1 yr	Ericsson MRK with NiCD battery.	39.60 1 0.45	24. 23. 23.
31700 1 EACH	iTECH BA1086 1 yr	Ericsson PCS. NiCd batteries. Battery must be in "ON" position in order to charge.	28.90 0.25 0.11	17. 17. 17.
21747 1 EACH	iTECH BA1182 1 year	Icom IC-F3, IC-F4, and EF Johnson Falcon 7500 series. NiCD batteries.	51.60 0.25 0.11	31. 31. 30.
455001 1 EACH	iTECH BA1194 1 year	Icom IC-A3, IC-A22. NiCD batteries.	28.90 0.18 0.08	17. 17. 17.
439071 1 EACH	iTECH BA4520 1 year	Icom IC-FC30, IC-F30LT, IC-F40, IC-F40LT. NiMH batteries. Requires V4.4 or greater software.	84.15 0.18 0.08	51. 50. 50.
498176 1 EACH	iTECH BA1198 1 year	Icom IC-F3GS, IC-F3GT, IC-F4GS, IC-F4GS. NiCd batteries.	39.60 0.18 0.08	24. 23. 23.
61565 1 EACH	iTECH BA1122 1 yr	Kenwood TK250/ 350/ 353/ 430/ 431. NiCd batteries.	51.60 0.18 0.08	31. 31. 30.
53871 1 EACH	iTECH BA1153 1 yr	Kenwood TK260/ 270/ 360/ 361/ 370. NiCd battery.	51.60 0.25 0.11	31. 31. 30.
90086 1 EACH	iTECH BA1179 1 yr	Kenwood TK280/ 290/ 380/ 390/ 480/ 481. NiCd batteries.	51.60 0.35 0.16	31. 31. 30.
487098 1 EACH	iTECH BA4543 1 yr	Kenwood TK280, TK290, TK390, TK480, TK481. NiMH batteries.	51.60 0.3 0.14	31. 31. 30.
NEW 481387 1 EACH	iTECH BA1202 1 yr	Kenwood TK2140/3140. NiCD batteries.	39.60 0.3 0.14	24. 23. 23.
NEW 499308 1 EACH	iTECH BA4556 1 yr	Kenwood TK2140/3140. NiMH batteries.	51.60 0.3 0.14	31. 31. 30.
NEW 435331 1 EACH	iTECH BA6556 1 yr	Kenwood TK2140/3140. LiIon batteries. For use with IQ-5 only.	120.75 0.3 0.14	73. 72. 72.
454188 1 EACH	iTECH BA2104 1 year	Maglite RX109. NiCd battery.	39.60 0.18 0.08	24. 23. 23.
63406 1 EACH	iTECH BA2030 1 yr	Makita power tools.	51.60 0.25 0.11	31. 31. 30.
39630 1 EACH	iTECH BA1007 1 yr	Maxon CP/CS, Force, Regency, GE MCP, Relm, Uniden APH, APL, APU, Wilson, Yaesu FNB1/2. Any radio using BP4 battery.	28.90 0.25 0.11	17. 17. 17.
446012 1 EACH	iTECH BA4536 1 yr	Maxon SL500. NiMH batteries.	69.30 0.25 0.11	42. 41. 41.
452057 1 EACH	iTECH BA4541 1 yr	Maxon SP200 series. NiMH batteries.	51.60 0.25 0.11	31. 31. 30.
67458 1 EACH	iTECH BA1142 1 yr	Motorola GP350 NiCd battery only with belt clip.	51.60 1 0.45	31. 31. 30.
66833 1 EACH	iTECH BA1061 1 yr	Motorola Radius HT50 and P100. NiCd batteries.	28.90 0.25 0.11	17. 17. 17.
98206 1 EACH	iTECH BA1039 1 yr	Motorola HT90 and HT440. NiCd batteries.	28.90 0.25 0.11	17. 17. 17.
27665 1 EACH	iTECH BA1002 1 yr	Motorola HT220, MT500, RF Comm., Sonar. NiCd batteries.	28.90 0.25 0.11	17. 17. 17.

NEW = New Listing. Pricing for reference
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Battery Analyzers and Conditioners

nuing product table (3 of 4)

t No. /Uom	Manufacturer Mfg. P/N Warranty	Radio Model Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
097 ACH	iTECH BA1018 1 yr	Motorola HT600/800, MT1000, MTX800, MTX900, Radius P200/210 and Midland 70B42. NiCd batteries. *Battery must be removed from the radio and the contacts pointed towards the adapter cup contacts.	28.90 0.25 0.11	17.50 17.42 17.33
372 ACH	iTECH BA4014 1 yr	Motorola HT750/ 1250/ 1550; GP140/ 320/ 340/ 360/ 380/ 640/ 680/ 1280. NiCd and NiMH batteries. For use with iQ5 and iQ10 chargers.	69.30 0.42 0.19	42.00 41.79 41.58
3144 ACH	iTECH BA6006 1 yr	Motorola EX500/ 600; GP140/ 320/ 340/ 360/ 380/ 640/ 680/ 1280; HT750/ 1250/ 1250LS/ 1550. NiCd, NiMH and Lilo batteries. For use with iQ5 products.	120.75 0.4 0.18	73.17 72.81 72.44
001 ACH	iTECH BA1105 1 yr	Motorola HT1000, MT2000, MTS2000, MTX838, MTX8000, MTX9000, MTXLS, JT1000, GP900, MT600E. NiCd batteries.	39.60 0.27 0.12	24.00 23.88 23.76
691 ACH	iTECH BA4011 1 yr	Motorola HT1000, MT2000, MTS2000, MTX838, MTX8000, MTX9000, MTXLS, JT1000, GP900, MT600E. NiCd or NiMH batteries.	51.60 0.3 0.14	31.25 31.10 30.94
663 ACH	iTECH BA1055 1 yr	Motorola GP300/ 600, Radius GTX/ LTS2000 NiCd batteries with belt clip.	28.90 0.25 0.11	17.50 17.42 17.33
983 ACH	iTECH BA1098 1 yr	Motorola GP300/ 600; P110; Radius GTX/ LTS2000; GP88. NiCd batteries without belt clip and LTS-2000.	28.90 0.25 0.11	17.50 17.42 17.33
141 ACH	iTECH BA4532 1 yr	Motorola GP300. NiMH batteries.	51.60 0.25 0.11	31.25 31.10 30.94
142 ACH	iTECH BA1180 1 yr	Motorola Radius GP68. NiCd batteries.	51.60 0.25 0.11	31.25 31.10 30.94
922 ACH	iTECH BA1022 1 yr	Motorola Radius P10, P50, P60, HT10, SP10, SP21, SP50 NiCd batteries.	28.90 0.25 0.11	17.50 17.42 17.33
977 ACH	iTECH BA1155 1 yr	Motorola P1225/ P1225LS. NiCd batteries.	51.60 0.24 0.11	31.25 31.10 30.94
041 ACH	iTECH BA1191 1 yr	Motorola Saber MX1000, MX2000, MX3000. NiCd batteries.	39.60 0.25 0.11	24.00 23.88 23.76
174 ACH	iTECH BA4018 1 yr	Motorola Saber MX1000, MX2000, MX3000. NiCd and NiMH batteries.	69.30 0.25 0.11	42.00 41.79 41.58
071 ACH	iTECH BA1120 1 yr	Motorola VISAR. NiCd batteries.	51.60 0.25 0.11	31.25 31.10 30.94
000 ACH	iTECH BA4007 1 yr	Motorola VISAR. NiCd and NiMh batteries.	84.15 0.25 0.11	51.00 50.75 50.49
09 ACH	iTECH BA1185 1 yr	Motorola XTS3000. NiCd batteries.	51.60 0.25 0.11	31.25 31.10 30.94
65 ACH	iTECH BA4015 1 yr	Motorola XTS3000 NiCd or NiMH batteries. For iQplus V4.4 and iQ5 only.	69.30 0.25 0.11	42.00 41.79 41.58
79 ACH	iTECH BA6002 1 yr	Motorola XTS3000 Used with the IQ-5 only. NiCD, NiMH or LiIO batteries.	120.75 1 0.45	73.17 72.81 72.44
075 ACH	iTECH BA1195 1 yr	Relm MP series. NiCD batteries.	39.60 0.25 0.11	24.00 23.88 23.76
169 ACH	iTECH BA2105 1 year	Streamlite Survivor flashlight. NiCd battery.	39.60 0.18 0.08	24.00 23.88 23.76
118 ACH	iTECH BA1193 1 yr	Tait Orca. NiCD batteries.	51.60 0.25 0.11	31.25 31.10 30.94
183 ACH	iTECH BA4537 1 yr	Tait T3000. NiMH batteries.	69.30 0.25 0.11	42.00 41.79 41.58
98 ACH	iTECH BA1183	Yeasu/ Vertex VX400. NiCD battery.	28.90 0.15 0.07	17.50 17.42 17.33
/V 01 ACH	iTECH BA6507 1 yr	Yeasu/ Vertex VX800. Used with the iQ-5 only. Li-Ion batteries.	120.75 0.15 0.07	73.17 72.81 72.44
/V 66 ACH	iTECH BA7507 1 yr	Yeasu/ Vertex VX800. Used with the iQ-10 only. Li-Ion batteries.	120.75 0.15 0.07	73.17 72.81 72.44
/V 09 ACH	iTECH BA6525 1 yr	Yeasu/ Vertex VX900. Used with the iQ-5 only. Li-Ion batteries.	120.75 0.15 0.07	73.17 72.81 72.44
/V 41 ACH	iTECH BA7525 1 yr	Yeasu/ Vertex VX900. Used with the iQ-10 only. Li-Ion batteries.	120.75 0.15 0.07	73.17 72.81 72.44

Continuing product table (4 of 4)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Model Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
69520 1 EACH	iTECH BA1165	Yaesu/ Vertex VX-10. NiCD battery.	51.60 0.25 0.11	31.25 31.10 30.94

iTECH iQpac Cellular Adapters

"PA" battery adapters are for use with iTECH's iQpac battery charge and maintenance systems. "NiCD/NiMH" adapters are accurate for all "Ni..." batteries with capacities less than 7000mAh. "Li-ion-only" adapters are for Li-ion rechargeable batteries. "Ni..." adapters may damage Li-ion.

- Not for use with iQplus, iQfive, and iQten battery chargers

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Model Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
491081 1 EACH	iTECH PA6505 1 Year	Motorola iDEN/ Nextel i85s. LiIO batteries. Use with iQpac only.	34.65 0.25 0.11	21.00 20.90 20.79
485189 1 EACH	iTECH PA4534 1 Year	Motorola iDEN/ Nextel i500plus, i550plus, i700plus. NiCd and NiMH batteries. Use with iQpac only.	24.75 0.25 0.11	15.00 14.93 14.85
469151 1 EACH	iTECH PA4544 1 Year	Motorola iDEN/ Nextel r750plus NiCd and NiMH batteries. Use with iQpac only.	24.75 0.25 0.11	15.00 14.93 14.85
428083 1 EACH	iTECH PA6503 1 Year	Motorola StarTAC and iDEN/ Nextel i1000/ 2000. LiIO batteries. Use with iQpac only.	34.65 0.25 0.11	21.00 20.90 20.79
488194 1 EACH	iTECH PA4016 1 Year	Motorola StarTAC. NiCd and NiMH batteries. Use with iQpac only.	24.75 0.25 0.11	15.00 14.93 14.85
482060 1 EACH	iTECH PA6504 1 Year	Nokia 5100/ 6100/ 6200/ 7100. LiIO batteries. Use with iQpac only. (Software 9.3)	34.65 0.25 0.11	21.00 20.90 20.79
471198 1 EACH	iTECH PA4521 1 Year	Nokia 5100/ 6100/ 6200/ 7100. NiCd and NiMH batteries. Use with iQpac only.	24.75 0.25 0.11	15.00 14.93 14.85

iTECH iQpac Two-Way Adapters

"PA" battery adapters are for use with iTECH's iQpac battery charge and maintenance systems. "NiCD/NiMH" adapters are accurate for all "Ni..." batteries with capacities less than 7000mAh. "Li-ion-only" adapters are for Li-ion rechargeable batteries. "Ni..." adapters may damage Li-ion.

437093

- Not for use with iQplus, iQfive, and iQten battery chargers

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Model Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
432178 1 EACH	iTECH PA1137 1 Year	Ericsson LPE200, KPC300, KPC400. NiCd and NiMH batteries. Use with iQpac only.	24.75 0.25 0.11	15.00 14.93 14.85
499183 1 EACH	iTECH PA1081 1 Year	Ericsson MPA, MPD, MTL, PLS, TPX. NiCd and NiMH batteries. Use with iQpac only.	24.75 0.25 0.11	15.00 14.93 14.85
497166 1 EACH	iTECH PA1116 1 Year	Ericsson MRK. NiCd and NiMH batteries. Use with iQpac only.	24.75 0.25 0.11	15.00 14.93 14.85
493144 1 EACH	iTECH PA1153 1 Year	Kenwood TK260/ 270/ 272/ 360/ 370. KNB15 NiCD and NiMH batteries. Use with iQpac only.	24.75 0.25 0.11	15.00 14.93 14.85
417006 1 EACH	iTECH PA4543 1 Year	Kenwood TK280/ 290/ 390/ 480/ 481. KNB16 and KNB17 NiCD and NiMH batteries. Use with iQpac only.	24.75 0.25 0.11	15.00 14.93 14.85
479080 1 EACH	iTECH PA6506 1 Year	Motorola HT750/ 1250/ 1250LS/ 1550, GP140/ 320/ 340/ 360/ 380/ 640/ 680/ 1280. LiIO batteries. Use with iQpac only.	34.65 0.25 0.11	21.00 20.90 20.79
437093 1 EACH	iTECH PA4014 1 Year	Motorola HT750/ 1250/ 1250LS/ 1550, GP140/ 320/ 340/ 360/ 380/ 640/ 680/ 1280. NiCD and NiMH batteries. Use with iQpac only.	24.75 0.25 0.11	15.00 14.93 14.85
465190 1 EACH	iTECH PA1055 1 Year	Motorola GP300. NiCD and NiMH batteries. Use with iQpac only.	24.75 0.25 0.11	15.00 14.93 14.85
449090 1 EACH	iTECH PA4011 1 Year	Motorola HT1000, MT2000, MTS2000, MTX8000/9000, JT1000, GP900/1200, MTS2100, MT600E. NiCD and NiMH batteries. Use with iQpac only.	24.75 0.25 0.11	15.00 14.93 14.85

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Battery Analyzers and Conditioners

Adapter Cups for Battery Analyzers [307-1

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Model Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
436179 I EACH	iTECH PA1155 1 Year	Motorola P1225. NiCD and NiMH batteries. Use with iQpac only.	24.75 0.25 0.11	15.00 14.93 14.85
480099 I EACH	iTECH PA6502 1 Year	Motorola XTS3000. LiIO batteries. Use with iQpac only.	34.65 0.25 0.11	21.00 20.90 20.79
442089 I EACH	iTECH PA4015 1 Year	Motorola XTS3000. NiCD and NiMH batteries. Use with iQpac only.	24.75 0.25 0.11	15.00 14.93 14.85
463175 I EACH	iTECH PA4545 1 Year	Motorola HT600, HT800, MT1000. NiCD and NiMH batteries. Use with iQpac only.	24.75 0.25 0.11	15.00 14.93 14.85
486069 I EACH	iTECH PA6501 1 Year	Motorola Saber MX1000/ 2000/ 3000. LiIO batteries. Use with iQpac only.	34.65 0.25 0.11	21.00 20.90 20.79
471028 I EACH	iTECH PA4018 1 Year	Motorola Saber MX1000/ 2000/ 3000. NiCD and NiMH batteries except NTN7058A (Saber ruggedized). Use with iQpac only.	24.75 0.25 0.11	15.00 14.93 14.85
NEW 485322 I EACH	iTECH PA1022 1 Year	Motorola Radius P10, P50, P60, SP10, SP21, and SP50 (2W radios) NiCD and NiMH batteries. Use with iQpac only.	39.60 0.25 0.11	24.00 23.88 23.76
413196 I EACH	iTECH PA4007 1 Year	Motorola Visar. NiCD and NiMH batteries. Use with iQpac only.	24.75 0.25 0.11	15.00 14.93 14.85
444171 I EACH	iTECH PA1133 1 Year	Yaesu Vertex 500/ 510. NiCD and NiMH batteries. Use with iQpac only.	24.75 0.25 0.11	15.00 14.93 14.85
NEW 499345 I EACH	iTECH PA6507 1 Year	Yaesu Vertex VX-800. Li-Ion batteries. Use with iQpac only.	120.75 0.25 0.11	73.17 72.81 72.44

W&W Mfg. Cellular Adapter Cups

482077

83796

W&W Manufacturing Company battery adapter cups for Analyzer Ia, IIIa and VIa analyzer/ conditioners.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Model Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
482077 I EACH	W & W Mfg. UNIV ADAPT-16 PIN 1 year	Universal adapter with alligator clips. Allows you to select number of cells (3-12), charge current (200-1500mA) and discharge current (200-1000 mA). Molex connector allows custom cables and for thermal detection. For newer Analyzers Ia, IIIa and VIa with 16 pin connector.	247.50 0.48 0.22	175.00 174.13 173.25
89059 I EACH	W & W Mfg. UNIV ADAPT-10 PIN 1 year	Universal adapter with alligator clips. Allows you to select number of cells (3-12), charge current (200-1500 mA) and discharge current (200-1000 mA). Molex connector allows custom cables and for thermal detection. For older Analyzers I, III and VI with 10 pin connector.	247.50 0.5 0.23	175.00 174.13 173.25
77945 I EACH	W & W Mfg. 900 1 year	LEAD ACID transportable and VCR 12 volt batteries similar to SKU 20099, Panasonic LCS2312 and LCS2012. For older Analyzers I, II, VI's with 10 pin connector.	70.75 0.25 0.11	50.00 49.75 49.50
NEW 442334 I EACH	W & W Mfg. LTC3A 1 Year	Ericsson T28 with Li Polymer battery BKB193116/ 71R3A. For Analyzers Ia, IIIa & VIa only.	35.35 0.25 0.11	25.00 24.88 24.75
NEW 486340 I EACH	W & W Mfg. UR3 1 Year	Ericsson T60. For Analyzers Ia, IIIa & VIa only.	35.35 0.25 0.11	25.00 24.88 24.75
83796 I EACH	W & W Mfg. AD3 1 year	Motorola FlipPhone series. For Analyzers Ia, IIIa and VIa only.	32.55 0.25 0.11	23.00 22.89 22.77
442097 I EACH	W & W Mfg. BB3 1 year	Motorola iDEN IR/IP370, i390, i600 with 1250 and 1800 mAh batteries. For Analyzers Ia, IIIa and VIa only.	32.55 1 0.45	23.00 22.89 22.77
21393 I EACH	W & W Mfg. WS3 1 year	Motorola iDEN i500, i700 with NTN8970/ NTN8971 and Motorola G520 batteries. For Analyzers Ia, IIIa and VIa only.	32.55 1 0.45	23.00 22.89 22.77
90300 I EACH	W & W Mfg. BK3 1 year	Motorola StarTAC NiCD and NiMH main and auxiliary batteries. For Analyzers Ia, IIIa and VIa only.	32.55 0.25 0.11	23.00 22.89 22.77
86860 I EACH	W & W Mfg. LBK3A 1 year	Motorola StarTAC LiIo only main & auxillary batteries. For Analyzers Ia, IIIa and VIa with 16 pin connector.	70.75 0.25 0.11	50.00 49.75 49.50

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Model Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 493324 I EACH	W & W Mfg. LSQ3 1 year	Motorola v60, i50, i85, i90 with Li-Ion batteries. For use with old analyzers with 10-pin connector.	70.75 0.2 0.09	50. 49. 49.
NEW 451345 I EACH	W & W Mfg. LSQ3A 1 Year	Motorola v60, i50, i85, i90 with Li-Ion batteries. For Analyzers Ia, IIIa & VIa's only.	35.35 0.25 0.11	25. 24. 24.
10757 I EACH	W & W Mfg. AU3 1 year	Nokia 2120, 2160, 2190 and AT&T 6650. For Analyzer Ia, IIIa and VIa only.	32.55 0.25 0.11	23. 22. 22.
NEW 468242 I EACH	W & W Mfg. TE3 1 Year	Nokia 3310/3360/3390 with BMC-3 NiMH battery. For Analyzers Ia, IIIa and VIa only.	32.55 0.25 0.11	23. 22. 22.
NEW 460281 I EACH	W & W Mfg. LTE3 1 Year	Nokia 3360 LiIO with BLC-2 battery. For older Analyzer I, III, & VI with 10-pin connectors	70.75 0.2 0.09	50. 49. 49.
NEW 497287 I EACH	W & W Mfg. LTE3A 1 Year	Nokia 3310, 3360, 3390 with LiIO BLC-2 battery. For Analyzers Ia, IIIa and VIa only.	32.55 0.2 0.09	23. 22. 22.
491086 I EACH	W & W Mfg. LBS3A 1 Year	Nokia 6110 with LiIO BLS-2 battery. For Analyzers Ia, IIIa & VIa only.	70.75 0.25 0.11	50. 49. 49.
NEW 450346 I EACH	W & W Mfg. LUL3 1 Year	Nokia 8260 with LiIOBLB-2, BLB-3 batteries. For older Analyzer I, III, & VI with 10-pin connector.	70.75 0.2 0.09	50. 49. 49.

W&W Mfg. Two-Way Adapter Cups

72809

W&W Manufacturing Company cellular phone battery adapter cups for A lyzer Ia, IIIa and VIa analyzer/ conditioners.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Model Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
72809 I EACH	W & W Mfg. XA3 1 year	Bendix/King LPH202,502,514. For Analyzers Ia, IIIa and VIa only.	32.55 0.25 0.11	23. 22. 22.
83047 I EACH	W & W Mfg. AX3 1 year	GE KPC/Prism, LPE200, Panther 500P with BKB202/203 batteries. For Analyzers Ia, IIIa and VIa only.	32.55 1 0.45	23. 22. 22.
84774 I EACH	W & W Mfg. XS3 1 year	GE MPD, PLS, TPX, MPA series. For Analyzers Ia, IIIa and VIa only.	32.55 1 0.45	23. 22. 22.
494032 I EACH	W & W Mfg. VJ3	GE PCS with 1200 mA and 1700 mA batteries. For Analyzers Ia, IIIa and VIa only.	32.55 0.25 0.11	23. 22. 22.
96739 I EACH	W & W Mfg. YB3 1 year	Kenwood TH205, 215, 405, 415/ TK210, 310, 330 with KNB3,KNB3A and KNB4 batteries. For Analyzers Ia, IIIa and VIa only.	32.55 0.25 0.11	23. 22. 22.
70311 I EACH	W & W Mfg. YF3 1 year	Kenwood TK250, 350, 430, 431 with KNB-9A, KNB-9B, KNB-11A, KNB-12A batteries. For Analyzers Ia, IIIa and VIa only.	32.55 1 0.45	23. 22. 22.
18704 I EACH	W & W Mfg. AG3 1 year	Kenwood TK260/360, 270/370, 2100/3100, 3101 with KNB-14/15/15S batteries. For Analyzers Ia, IIIa and VIa only.	32.55 0.25 0.11	23. 22. 22.
492067 I EACH	W & W Mfg. BA3 1 year	Maxon SP100/120, TP120 with QPA1200 battery. For Analyzers Ia, IIIa and VIa only.	32.55 1 0.45	23. 22. 22.
NEW 94047 I EACH	W & W Mfg. BE3 1 year	Motorola Radius GP1225 with HNN9049A battery. For Analyzers Ia, IIIa and VIa only.	32.55 0.25 0.11	23. 22. 22.
61568 I EACH	W & W Mfg. AA3 1 year	Motorola GP300/ GP600 with HNN8308 and HNN9628 batteries. For Analyzers Ia, IIIa and VIa only.	32.55 1 0.45	23. 22. 22.
99961 I EACH	W & W Mfg. AQ3 1 year	Motorola GP350 with HNN9360 battery. For Analyzers Ia, IIIa and VIa only.	32.55 0.25 0.11	23. 22. 22.
42634 I EACH	W & W Mfg. AI3 1 year	Motorola HT50 with NLN5453 battery, P100 with NTN5451 battery. For Analyzers Ia, IIIa and VIa only.	32.55 0.25 0.11	23. 22. 22.
81027 I EACH	W & W Mfg. AN3 1 year	Motorola HT90 with NLN7434, NLN7435 batteries and HT440 with NLN7401, NLN7694 and 60-5928J05 batteries. For Analyzers Ia, IIIa and VIa only.	32.55 1 0.45	23. 22. 22.
92992 I EACH	W & W Mfg. ZV3 1 year	Motorola HT600 with NTN4563, NTN4584, NTN4585,NTN4588, NTN5413 and NTN5414 batteries. For Analyzers Ia, IIIa and VIa only.	32.55 0.22 0.1	23. 22. 22.

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uing product table (2 of 2)

No. Uom	Manufacturer Mfg. P/N Warranty	Radio Model Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 07 CH	W & W Mfg. CF3 1 year	Motorola HT750/ 1250/ 1550, GP140/ 320/ 340/ 640/ 680/ 1280, PRO5150/ 7150/ 9150 with HNN9008R, 9009R, 9012R batteries. For Analyzers Ia, IIIa and VIa only.	32.55 0.25 0.11	23.00 22.89 22.77
08 CH	W & W Mfg. AF3 1 year	Motorola HT1000/ MT2000 with NTN7143 batteries and MTX8000/9000,GP900 with NTN7144 and NTN7145 batteries.	32.55 0.25 0.11	23.00 22.89 22.77
59 CH	W & W Mfg. ZZ3 1 year	Motorola P10, SP10 low power with HNN9044 battery and SP50, CP50 with HNN9018 battery. For Analyzers Ia, IIIa and VIa only.	32.55 0.25 0.11	23.00 22.89 22.77
73 CH	W & W Mfg. ZX3 1 year	Motorola Saber with NTN4592, NTN4593, NTN4594,NTN4595 and NTN4596 batteries.	32.55 0.25 0.11	23.00 22.89 22.77
54 CH	W & W Mfg. AE3 1 year	Motorola Visar with NTN7394, NTN7395 and NTN7396 batteries. For Analyzers Ia, IIIa and VIa only.	32.55 0.25 0.11	23.00 22.89 22.77
91 CH	W & W Mfg. BN3 1 year	Motorola XTS-3000 with NTN8294 battery. For Analyzers Ia, IIIa and VIa only.	32.55 0.25 0.11	23.00 22.89 22.77
W 87 CH	W & W Mfg. CH3 1 year	Standard HX292 with CNB290/291 batteries. For Analyzers Ia, IIIa and VIa only.	32.55 1 0.45	23.00 22.89 22.77
56 CH	W & W Mfg. AH3 1 year	Uniden SPS801/802 with APX1105 battery. For Analyzers Ia, IIIa and VIa only.	32.55 1 0.45	23.00 22.89 22.77
50 CH	W & W Mfg. XE3 1 year	Yaesu FT-10R/40R, FT-50, and VX-10 with FNB-47 battery. For Analyzers Ia, IIIa and VIa only.	32.55 1 0.45	23.00 22.89 22.77
W 37 CH	W & W Mfg. CC3 1 year	Yaesu/Vertex VX400 with FNBV57 battery. For Analyzers Ia, IIIa and VIa only.	32.55 0.25 0.11	23.00 22.89 22.77

W Mfg. RA1 Cellular Adapter Cups

W&W Manufacturing Company cellular phone battery adapter cups for RA1 Rapid Analyzer.

417382

No. Uom	Manufacturer Mfg. P/N Warranty	Radio Model Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
V 82 CH	W & W Mfg. RWS 1 year	Motorola iDEN i500, i700 with NTN8970/ NTN8971 and Motorola G520 batteries. For Analyzer RA1 only.	48.10 1 0.45	34.00 33.83 33.66
V 86 CH	W & W Mfg. RBK 1 year	Motorola StarTAC with main and auxiliary batteries. For Analyzer RA1 only.	48.10 0.25 0.11	34.00 33.83 33.66
V 67 CH	W & W Mfg. RTE 1 year	Nokia 3310/3390 with BLC-2 battery. For Analyzer RA1 only.	48.10 0.25 0.11	34.00 33.83 33.66
V 85 CH	W & W Mfg. RBS 1 year	Nokia 5100/ 6100 with BMS-2 battery. For Analyzer RA1 only.	48.10 0.25 0.11	34.00 33.83 33.66
V 40 CH	W & W Mfg. RUL 1 year	Nokia 8200, 8260, 8290, 8890 with BLB-2, BLB-3, BY-8210X batteries. For Analyzer RA1 only.	48.10 0.25 0.11	34.00 33.83 33.66
V 30 CH	W & W Mfg. RVP 1 year	Nokia 8810 with M5764 and ML5705 batteries. For Analyzer RA1 only.	48.10 0.25 0.11	34.00 33.83 33.66

W Mfg. RA1 Two-Way Adapter Cups

W&W Manufacturing Company two-way radio battery adapter cups for RA1 Rapid Analyzer

424385

ng product table (1 of 2)

No. m	Manufacturer Mfg. P/N Warranty	Radio Model Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
/ 15 CH	W & W Mfg. RAX 1 year	GE KPC/Prism, LPE200, Panther 500P with BKB202/203 batteries. For Analyzer RA1 only.	48.10 1 0.45	34.00 33.83 33.66

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Model Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 489364 1 EACH	W & W Mfg. RCG 1 year	GE Panther/Cougar 300P, 600P, 625P with BKB191202/ 500, 212/1 batteries. For Analyzer RA1 only.	48.10 0.25 0.11	34.00 33.83 33.66
NEW 433364 1 EACH	W & W Mfg. RAG 1 year	Kenwood TK260/ 360, 270 /370, 2100/ 3100, 3101 with KNB-14/ 15/ 15S batteries. For Analyzer RA1 only.	48.10 0.25 0.11	34.00 33.83 33.66
NEW 496386 1 EACH	W & W Mfg. RBE 1 year	Motorola Radius GP1225 with HNN9049A battery. For Analyzer RA1 only.	48.10 0.25 0.11	34.00 33.83 33.66
NEW 496332 1 EACH	W & W Mfg. RAA 1 year	Motorola GP300/ GP600 with HNN8308 and HNN9628 batteries. For Analyzer RA1 only	48.10 1 0.45	34.00 33.83 33.66
NEW 416343 1 EACH	W & W Mfg. RAQ 1 year	Motorola GP350 with HNN9360 battery. For Analyzer RA1 only.	48.10 0.25 0.11	34.00 33.83 33.66
NEW 445353 1 EACH	W & W Mfg. RCF 1 year	Motorola HT750/ 1250/ 1550, GP140/ 320/ 340/ 640 / 680/ 1280, PRO5150/ 7150/ 9150 with HNN9008R, 9009R, 9012R batteries. For Analyzer RA1 only.	48.10 0.25 0.11	34.00 33.83 33.66
NEW 410396 1 EACH	W & W Mfg. RAF 1 year	Motorola HT1000/ MT2000 with NTN7143 batteries and MTX8000/ 9000,GP900 with NTN7144 and NTN7145 batteries. For Analyzer RA1 only.	48.10 0.25 0.11	34.00 33.83 33.66
NEW 434387 1 EACH	W & W Mfg. RBN 1 year	Motorola XTS-3000 with NTN8294 battery. For Analyzer RA1 only.	48.10 0.25 0.11	34.00 33.83 33.66

Ericsson Cases [320-22]

If you are buying these, you may need:

Ericsson/ M/A-COM Batteries . . . . . page 1178

W&W MANUFACTURING CO.
WHERE QUALITY IS #1

W & W Manufacturing Co. announces their replacement battery for the M/A-Com Jaguar Radio. Available in 1700 mAh NiCd version and 2700 mAh high-capacity NiMH version.

Full Grain Leather Cases

DURUS nylon cases are built tough. Excellent craftmanship assures a perfect fit, even with DTMF model radios. All cut-outs are RF sealed to prevent threads from fraying. Bungee cord radio hold-in strap.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Model, Battery Size, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
33451 1 EACH	Bee Electronics Inc. 2710B-C Lifetime	Ericsson PCS. Large battery, belt loop, DTMF cutout, low profile drop-in swivel, nylon cord.	37.70 0.4 0.18	20.26 19.16 18.85
57077 1 EACH	Bee Electronics Inc. 2697B-350 1 yr	Ericsson PCS. Medium capacity battery, Quick disconnect swivel belt loop, bungee cord.	47.40 0.4 0.18	25.47 24.09 23.69

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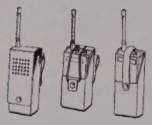
Kenwood Cases [320-45]

If you are buying these, you may need:

Kenwood Batteries .....page 1181

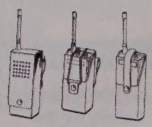
Top Grain Shoulder Cowhide Cases



Leather carrying cases feature: 7-8 ounce leather, rivetless bottoms,stainless steel parts, nylon thread and the optional AWedge swivel that allows you to attach a radio to a belt loop from any direction.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Model, Battery Size, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
75180 1 EACH	A.W. Enterprises KW7020-3BW Lifetime	Kenwood Protalk 2100/3100. Top grain leather, steel AWedge swivel belt loop, bungi cord.	56.25 0.5 0.23	28.80 28.09 27.94
50703 1 EACH	A.W. Enterprises KW5040-3BW Lifetime	Kenwood TK250/350 plain or DTMF. KNB11A battery, top grain leather, steel AWedge swivel belt loop, bungee cord.	58.20 1 0.45	29.83 29.09 28.93
64905 1 EACH	A.W. Enterprises KW6050-3BW Lifetime	Kenwood TK260, TK360. Top grain leather, steel AWedge swivel belt loop, bungi cord.	58.20 0.5 0.23	29.83 29.09 28.93
75171 1 EACH	A.W. Enterprises KW6080-3BW Lifetime	Kenwood TK280/380/480/481/880. Top grain leather, steel AWedge swivel belt loop, bungee strap.	64.60 0.5 0.23	33.11 32.29 32.11

Heavy Duty Cordura Nylon Cases



Heavy duty Cordura nylon cases feature stainless steel parts, nylon thread and a optional steel AWedge swivel that allows you to attach a radio to a belt loop from any direction.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Model, Battery Size, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
448046 1 EACH	A.W. Enterprises KW7020-CBW Lifetime	Kenwood TK2100, TK3100. Cordura nylon, steel AWedge swivel belt loop, bungee cord	45.65 0.5 0.23	23.37 22.80 22.67
75749 1 EACH	A.W. Enterprises KW6050-CBW Lifetime	Kenwood TK260, TK360. Cordura nylon, steel AWedge swivel belt loop, bungee cord	47.60 0.32 0.15	24.39 23.79 23.66
75787 1 EACH	A.W. Enterprises KW6070-CAW Lifetime	Kenwood TK270/370. Cordura nylon, steel AWedge swivel belt loop, bungee cord and antenna loop	47.60 0.5 0.23	24.39 23.79 23.66
75788 1 EACH	A.W. Enterprises KW6080-CBW Lifetime	Kenwood TK280/380/480/481/880. Cordura nylon, steel AWedge swivel belt loop, bungi cord.	47.60 0.5 0.23	24.39 23.79 23.66
75790 1 EACH	A.W. Enterprises KW6080-CB0 Lifetime	Kenwood TK280/380/480/481/880. Cordura nylon, standard belt loop, bungi cord.	25.45 0.25 0.11	13.02 12.70 12.63
NEW **482366** 1 EACH	A.W. Enterprises KW6090-CBW Lifetime	Kenwood TK290/390 Cordura nylon, steel AWedge swivel belt loop, bungi cord.	47.60 0.5 0.23	24.39 23.79 23.66

Kenwood Leather Cases

491198

Genuine leather cases for protection of portable radios. Made of top grain cow hide. Belt loop included. (Swivel disconnect available as indicated in description)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Model, Battery Size, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
38054 1 EACH	Bee Electronics Inc. 7110-B-150 Lifetime	Kenwood TK280, TK380, TK480 Genuine leather case, bungi cord, swivel	59.15 0.5 0.23	32.90 30.11 29.56
429199 1 EACH	Bee Electronics Inc. 7110-B Lifetime	Kenwood TK280, TK380, TK480 Genuine leather case, bungi cord	38.45 0.5 0.23	21.38 19.57 19.21
NEW **491198** 1 EACH	Bee Electronics Inc. 7110B-C 1 yr	Kenwood TK260, TK360. Genuine leather case, bungi cord, spring steel clip.	46.80 0.4 0.18	25.14 23.78 23.39

DURUS Cordora Nylon Cases

DURUS nylon cases are built tough. Excellent craftmans assures a perfect fit, even with DTMF model radios. All outs are RF sealed to prevent threads from fraying. Bung cord radio hold-in strap.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Model, Battery Size, Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T
58211 1 EACH	Bee Electronics Inc. 2799B 1 yr	Kenwood TK260, TK360. Cordora case, bungi cord.	27.30 0.4 0.18	14 13 13
NEW **432160** 1 EACH	Bee Electronics Inc. 2735B-350 Lifetime	Kenwood TK2140/3140 All Durus Cordura case, bungi cord, quick disconnect swivel	44.80 0.4 0.18	24 22 22
423182 1 EACH	Bee Electronics Inc. 2750-350 Lifetime	Kenwood TK280, TK380, TK480 Durus Cordura case, bungi cord, quick disconnect swivel	37.25 0.4 0.18	20 18 18

Motorola Cases [320-65]

If you are buying these, you may need:

Motorola Batteries .....page 11

Motorola Cases

Leather carrying cases feature: 7-8 ounce leather, rivetle bottoms,stainless steel parts, nylon thread and the optio AWedge swivel that allows you to attach a radio to a be loop from any direction.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Model, Battery Size, Description	List ($) Wt. (lbs) Wgt. (kg.)	T T T
NEW **430316** 1 EACH	A.W. Enterprises MR8215-3BW Lifetime	Motorola EX600. Top grain leather, steel AWedge swivel belt loop, bungee strap.	64.60 0.5 0.23	3 3 3
NEW **495339** 1 EACH	A.W. Enterprises MR8215-3B0 Lifetime	Motorola EX600. Top grain leather, standard belt loop and bungee strap.	42.45 0.5 0.23	2 2 2
59446 1 EACH	A.W. Enterprises MR6020-3BW Lifetime	Motorola GP300. High capacity battery, Top grain leather, steel AWedge swivel belt loop, bungee strap.	56.25 0.5 0.23	2 2 2
75294 1 EACH	A.W. Enterprises MR8090-340 Lifetime	Motorola HT750, PRO5150. Top grain leather, standard belt loop, horizontal strap.	42.45 1 0.45	2 2 2
75296 1 EACH	A.W. Enterprises MR8090-34W Lifetime	Motorola HT750, PRO5150. Top grain leather, steel AWedge swivel belt loop, horizontal strap.	64.60 0.48 0.22	3 3 3
31769 1 EACH	A.W. Enterprises MR8040-3BW Lifetime	Motorola HT1000, MTS2000, MTX8000/9000 High/ ultra high capacity battery, Top grain leather, steel AWedge swivel belt loop, bungee strap.	68.85 0.5 0.23	3 3 3
75300 1 EACH	A.W. Enterprises MR8100-34W Lifetime	Motorola HT1250, 6-key DTMF. Top grain leather, steel AWedge swivel belt loop, horizontal strap.	64.60 1 0.45	3 3 3
43620 1 EACH	A.W. Enterprises MR3020-3BW Lifetime	Motorola MT1000/HT600, P200, MTX800/900. High capacity battery, Top grain leather, steel AWedge swivel belt loop, bungee strap.	62.45 0.5 0.23	3 3 3
84625 1 EACH	A.W. Enterprises MR5010-3BW Lifetime	Motorola Radius P110. Top grain leather, steel AWedge swivel belt loop, bungee strap.	62.45 0.5 0.23	3 3 3
27003 1 EACH	A.W. Enterprises MR5020-3BW Lifetime	Motorola P1225. Top grain leather, steel AWedge swivel belt loop, bungee strap.	60.40 0.57 0.26	3 3 3
20034 1 EACH	A.W. Enterprises MR8060-3BW Lifetime	Motorola VISAR. High capacity battery, top grain leather, steel AWedge swivel belt loop, bungee strap.	56.25 0.5 0.23	2 2 2

NEW = New Listing. Pricing for referenc
See TESSCO.com for latest pricing and pr

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avy Duty Cordura Nylon Cases

Heavy duty Cordura nylon cases feature stainless steel parts, nylon thread and a optional steel AWedge swivel that allows you to attach a radio to a belt loop from any direction.

No. om	Manufacturer Mfg. P/N Warranty	Radio Model, Battery Size, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
94 CH	A.W. Enterprises MR5020-CB0 Lifetime	Motorola P1225. Cordura nylon, standard belt loop, bungee strap.	25.45 0.13 0.06	13.02 12.70 12.63
03 CH	A.W. Enterprises MR6045-C00 Lifetime	Motorola Spirit , SP21. Cordura nylon, standard belt loop.	25.45 0.25 0.11	13.02 12.70 12.63

torola Cases

Genuine leather cases for protection of portable radios. Made of top grain cow hide. Belt loop included. (Swivel disconnect available as indicated in description)

o. om	Manufacturer Mfg. P/N Warranty	Radio Model, Battery Size, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
27 H	Bee Electronics Inc. 2011-150+B Lifetime	Motorola Radius GP300. High capacity battery, quick disconnect swivel, bungi cord.	59.15 1 0.45	32.90 30.11 29.56
2 H	Bee Electronics Inc. 2012-150-B Lifetime	Motorola GP350 quick disconnect swivel, bungi cord.	59.10 1 0.45	32.90 30.11 29.55
6 H	Bee Electronics Inc. 2025+150+B Lifetime	Motorola HT1000, MTS2000, MTX8000/9000. High and ultra high capacity battery, quick disconnect swivel, bungi cord.	68.35 1.5 0.68	38.03 34.81 34.16
0 H	Bee Electronics Inc. 2027+150+B Lifetime	Motorola HT1000, MTS2000, MTX8000, MTX9000. High capacity battery, Quick disconnect swivel, DTMF cutout, bungi cord.	68.45 1.5 0.68	38.09 34.86 34.22
6 H	Bee Electronics Inc. 2057+B+150 Lifetime	Motorola HT1250. Genuine leather case, swivel belt loop, bungi cord	61.00 0.5 0.23	33.94 31.07 30.49
5 H	Bee Electronics Inc. 2055-B	Motorola HT750. Genuine leather case, belt loop, bungi cord	38.45 0.5 0.23	21.38 19.57 19.21

RUS Cordora Nylon Cases

DURUS nylon cases are built tough. Excellent craftmanship assures a perfect fit, even with DTMF model radios. All cutouts are RF sealed to prevent threads from fraying. Bungee cord radio hold-in strap.

o. m	Manufacturer Mfg. P/N Warranty	Radio Model, Battery Size, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
3 H	Bee Electronics Inc. 2311B 1 yr	Motorola GP300. High capacity battery, Cordora case with bungi cord	28.95 0.4 0.18	15.55 14.71 14.46
0 H	Bee Electronics Inc. 2325B 1 yr	Motorola HT1000, MTX8000, MTX9000. High capacity battery, Cordora case with bungi cord	28.95 0.4 0.18	15.55 14.71 14.46
4 H	Bee Electronics Inc. 2320B 1 yr	Motorola Radius P110. Cordora Nylon case with bungi cord.	28.95 0.4 0.18	15.55 14.71 14.46

Case Accessories [320-87]

Bee Case Accessories

42428 53144

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
42428 1 EACH	Bee Electronics Inc. 120 Lifetime	1" nylon adjustable strap, 35" to 70".	18.80 0.15 0.07	10.47 9.58 9.40
53144 1 EACH	Bee Electronics Inc. 152 Lifetime	Female swivel part only, includes belt loop.	21.20 0.25 0.11	11.80 10.80 10.60

Bee Chest Packs

40381 438149

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
40381 1 EACH	Bee Electronics Inc. 2360 Lifetime	Durus nylon chest pack with nylon straps and Velcro harness.	37.10 0.5 0.23	20.65 18.90 18.55
438149 1 EACH	Bee Electronics Inc. 2362/O Lifetime	Durus nylon international orange chest pack with orange straps, quick release connectors, and reflective panel.	48.05 1 0.45	26.73 24.47 24.01

Waterproof Cases [320-88]

Waterproof Cases

PVC case makes unit dust proof and 100% watertight up to 33 feet. Transmit and receive right through the case. Radio will float inside the case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
80948 1 EACH	NewMar AQ-10/AQ-8 1 year	For compact size radio bodies up to 6.4" high. 13" total height by 4.1" girth, left antenna.	44.80 1 0.45	23.62 22.57 22.40
56578 1 EACH	NewMar AQ-2L 1 year	For standard size radios. 15.7" tall x 10" girth, left antenna	47.05 0.35 0.16	24.81 23.71 23.52
94971 1 EACH	NewMar AQ-2R 1 year	For standard size radios. 15.7" tall x 10" girth, right antenna.	47.05 0.3 0.14	24.81 23.71 23.52

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Portable Two Way Radio Headsets [325-10]

Telex Lightweight Headsets

71586

The HS-600 is suitable for use in low-noise conditions where comfort and sound quality are critical. This model features an adjustable headband, replaceable foam ear cushions and quick-disconnect microphone boom with noise-canceling electret mic. The HS-600 is dual-sided and the HS-601 is single sided.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Style, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
71586 1 EACH	Telex Comm. HS-600 1 yr	Dual Sided Headset -Requires Telex MM-900 PTT adapter and radio interface cable or direct interface cable (purchased separately).	132.00 1.48 0.67	112.07 105.47 99.66
58372 1 EACH	Telex Comm. HS-601 1 yr	Single Side Headset -Requires Telex MM-900 PTT adapter and radio interface cable or direct interface cable (purchased separately).	107.15 0.5 0.23	90.96 85.60 80.89

Telex Dual Side Helmet Headset

57749

The HS-955 under helmet headset with fabric strap and Velcro. Listen clearly in medium to high noise environments. Features a flexible boom noise cancelling electret mic. Receiver elements are impervious to changes in temperature or humidity and meet military specifications. Behind-the-head spring steel tension band holds the headset securely in place underneath fire or safety helmets. The HS-955V adds venting on one ear cup to hear ambient noise.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Style, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
57749 1 EACH	Telex Comm. 70770-500 1 yr	Under Helmet Headset Requires Telex MM-900 PTT adapter and radio interface cable or direct interface cable (purchased separately). The same specs as HS-955 but adds venting on one earcup for ability to hear ambient noise.	270.00 2 0.91	229.23 215.73 203.85

Telex Nighthawk Headset

16232

The NH-9001 Nighthawk headset offers its users discreet communication. The headset features special vibratory motion transducers to deliver crystal clear audio. There is no speaker hardware in or over the users ears. May also include a special throat microphone as an alternative to the traditional boom mic.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Style, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
16232 1 EACH	Telex Comm. NH-9001 1 yr	Transducer Headset -Requires Telex MM-900 PTT adapter and radio interface cable or direct interface cable (purchased separately).	399.00 1.48 0.67	338.76 318.81 301.25

Telex Voice Recognition Headset

485354

Voice recognition single or dual muff headset is suitable for high noise environments with these features:

- 21dB noise reduction rating (NRR)
- Headband knuckle design for attenuation/comfort balance
- 3-position PTT switch on ear muff
- Cable terminated with dual 3.5mm Mic & Rcv audio plugs

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Style, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **485354** 1 EACH	Telex Comm. HS-975V 1 year	Dual muff Voice recognition headset	299.00 1.75 0.8	253.86 238.91 225.75
NEW **414360** 1 EACH	Telex Comm. HS-976V 1 year	Single muff Voice recognition headset	294.00 2 0.91	249.61 234.91 221.97

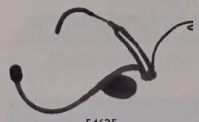
Telex Tactical/ Bicycle Stinger

445058

SWAT/ Tactical/ Bicycle lightweight (1 oz.) communication tem incorporates a rugged speaker and waterproof noise celing microphone attached to a non-restrictive headbanc mic mute version (SKU 445058) is perfect for SWAT/ tac personal and hazmat applications requiring respirators or masks. The speaker mute version (SKU 420082) is excelle high noise areas and for situations that absolute quiet is ne Great for bicycle police and tactical personel.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Style, Description	List ($) Wt. (lbs) Wgt. (kg.)	T
445058 1 EACH	Telex Comm. TACTICAL STINGER 1 yr	Tactical Headset SWAT/ Tactical headset with mic mute. Requires Telex MM-900 PTT adapter and radio interface cable or direct interface cable (purchased separately).	249.00 1 0.45	2 1 1
420082 1 EACH	Telex Comm. TACTICAL STINGER 1 yr	Tactical Headset SWAT/ Tactical headset with speaker mute. Requires Telex MM-900 PTT adapter and radio interface cable or direct interface cable (purchased separately).	249.00 1 0.45	2 1 1

Telex Stinger Tactical Headset



54625

The Stinger headset offers an ideal option for hands-free co nication. Features a waterproof mic and sealed head band fo those not-so-ideal environments. The Stinger 700 receives nals through a non-acoustically isolating waterproof single speaker and transmits thru a noise cancelling mic. Also ava in a high noise waterproof earplug or a vibratory motion tr ducer version

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Style, Description	List ($) Wt. (lbs) Wgt. (kg.)	T
54625 1 EACH	Telex Comm. STINGER 700 1 yr	Tactical Headset -Requires Telex MM-900 PTT adapter and radio interface cable or direct interface cable (purchased separately).	240.00 1.48 0.67	2 1 1

Telex K-99 Stinger Throat Mic System

471311

K-99 throat mic systems bring audio clarity and ruggedness to t mic communications. Designed for comfort, the K-99 is also tou enough for nearly any application from hazmat and combat to fi water rescue. K-99 models which have earned Intrinsically Safe Approval are available. Can be custom designed to meet your re ments. Includes:

- Ear hanger, ear insert and transducer. (Headset shown is optional)
- Throat mic
- Large button PTT in waterproof enclosure
- Heavy duty belt clip
- Radio interface cable
- ETL listed - Intrinsically Safe Approved Class I, Div 1, Groups ABCDEFG

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Style, Description	List ($) Wt. (lbs) Wgt. (kg.)	
NEW **471311** 1 EACH	Telex Comm. 860104-18ASTRO 1 yr	Throat mic system compatible with Motorola Sabre, Astro Sabre, and MX1000.	522.00 1.48 0.67	4 4 3
NEW **451355** 1 EACH	Telex Comm. 860104-22GP900 1 yr	Throat mic system compatible with Motorola GP900 / 1200 /3600; HT1000 /1100; JT1000; MT2000 /2100 / 6000E; MTS2000; MTX838 /2000 /8000 /9000; PTX1200 /3600; TRANSCRIPT STEALTH; XTS3000.	490.00 1.48 0.67	4 3 3
NEW **482308** 1 EACH	Telex Comm. 860104-23GP318 1 yr	Throat mic system compatible with Motorola GP318 / 320 /328 /338 /360 /380 /640 /680 /1280; HT750 /1250 / 1550.	483.00 1.48 0.67	4 3 3

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ır-Mike EM-200

89271

Designed in response to requests from law enforcement and military personnel, the Telex EM-200 provides discreet, reliable communication that is critical when lives are on the line. Transmission and reception are accomplished through a small transducer mounted in the ear. Vibrations emitted through the ear canal during speech are amplified, transmitted over a portable radio, and broadcast back through the transducer directly into the ear. The adavantage is one wire is used for transmitting and receiving. EM-200 includes:

- Transducer
- Black earpiece cord with LEMO plug
- 1.5V AA battery
- PURCHASE RADIO INTERFACE CABLES SEPARATELY

- switch
- hone PTT jack
- ow switch
- se attenuation kit

No. Uom	Manufacturer Mfg. P/N Warranty	Style, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
271 .CH	Telex Comm. EM-200 1 year	Ear Microphone EM-200 features a PTT switch, remote PTT jack, and hi/low switch. It also includes a noise attenuation kit, transducer, black earpiece cord with LEMO plug, and 1.5V AA battery. PURCHASE RADIO INTERFACE CABLES SEPARATELY.	235.00 0.5 0.23	199.52 187.77 177.43

r-Mike EM-500

496361

The EM-500 is an updated waterproof version of the EM-200 Ear-Mike. It features:

- Transducer
- Hardwired black earpiece cord
- RADIO INTERFACE CABLE INCLUDED

- co waterproof connectors
- e PTT button
- ote PTT jack

No. Uom	Manufacturer Mfg. P/N Warranty	Style, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 361 CH	Telex Comm. EM-500 1 year	Ear microphone Compatible with Motorola HT1000, MT2000, MTS2000, MTX838, MTX2000, MTX8000, MTX9000, XTS3000, GP1200, JT1000	499.00 0.5 0.23	423.66 398.71 376.75

Vire Surveillance Kit

Designed in response to specific requests from law enforcement and military personnel, Telex surveillance kits provide discreet, reliable communication. The 2-wire surveillance kit consists of:

- able palm style microphone and PTT button
- mbly
- able earcord assembly with transducer, ear-er, and ear insert
- Radio-specific lower cord assembly

No. Uom	Manufacturer Mfg. P/N Warranty	Style, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
09 CH	Telex Comm. 860088 1 yr	2 Wire Surveillance Kit for Motorola HT1000, HTS3000, MTS2000 and Sabre radios. Includes 6 pin Hirose key-loaded connector. MUST USE 6 pin Hirose adapter from Motorola with the radio. Beige color.	139.00 0.25 0.11	118.02 111.07 104.95
27 CH	Telex Comm. 860087/67/71 1 yr	2 Wire Surveillance Kit for Motorola GP300. MUST USE adapters available from Motorola for GP350, HT750, HT1225 or adapters available from Tait for Tait radios. Black color.	87.00 0.25 0.11	73.87 69.52 65.69
27 CH	Telex Comm. 860086/66/70 1 yr	2 Wire Surveillance Kit for Motorola GP300. MUST USE adapters available from Motorola for GP350, HT750, HT1225 or adapters available from Tait for Tait radios. Beige color.	87.00 0.25 0.11	73.87 69.52 65.69
35 CH	Telex Comm. 860087/67/77 1 yr	2 Wire Surveillance Kit for Kenwood TK series radios. Black color.	90.00 0.25 0.11	76.41 71.91 67.95
13 CH	Telex Comm. 860086/66/76 1 yr	2 Wire Surveillance Kit for Kenwood TK series radios. Beige color.	87.00 0.25 0.11	73.87 69.52 65.69
89 CH	Telex Comm. 860087/67/75 1 yr	2 Wire Surveillance Kit for ICOM F4 series radios. Black color.	87.00 0.25 0.11	73.87 69.52 65.69
79 CH	Telex Comm. 860086/66/74 1 yr	2 Wire Surveillance Kit for ICOM F4 series radios. Beige color.	87.00 0.25 0.11	73.87 69.52 65.69

3 Wire Surveillance Kit

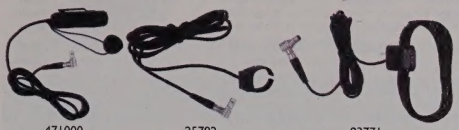
436010

Designed in response to specific requests from law enforcement and military personnel, Telex surveillance kits provide discreet, reliable communication. The 3-wire surveillance kit consists of:

- Pluggable whisper microphone
- Pluggable cylinder style PTT switch
- Pluggable earcord assembly with transducer, ear-hanger, and ear insert
- Radio-specific lower cord assembly

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Style, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
461023 1 EACH	Telex Comm. 860081 1 yr	3 Wire Surveillance Kit for Motorola HT1000, HTS3000, MTS2000 and Sabre radios. Includes 6 pin Hirose key-loaded connector. MUST USE 6 pin Hirose adapter from Motorola with the radio. Black color.	139.00 0.25 0.11	118.02 111.07 104.95
436010 1 EACH	Telex Comm. 860080 1 yr	3 Wire Surveillance Kit for Motorola HT1000, HTS3000, MTS2000 and Sabre radios. Includes 6 pin Hirose key-loaded connector. MUST USE 6 pin Hirose adapter from Motorola with the radio. Beige color.	139.00 0.25 0.11	118.02 111.07 104.95
460009 1 EACH	Telex Comm. 860079 1 yr	3 Wire Surveillance Kit for Motorola GP300. MUST USE adapters available from Motorola for GP350, HT750, HT1225 or adapters available from Tait for Tait radios. Black color.	89.00 0.25 0.11	75.57 71.12 67.20
454048 1 EACH	Telex Comm. 860078 1 yr	3 Wire Surveillance Kit for Motorola GP300. MUST USE adapters available from Motorola for GP350, HT750, HT1225 or adapters available from Tait for Tait radios. Beige color.	89.00 0.25 0.11	75.57 71.12 67.20
436006 1 EACH	Telex Comm. 860085 1 yr	3 Wire Surveillance Kit for Kenwood TK series radios. Black color.	89.00 0.25 0.11	75.57 71.12 67.20
412003 1 EACH	Telex Comm. 860084 1 yr	3 Wire Surveillance Kit for Kenwood TK series radios. Beige color.	89.00 0.25 0.11	75.57 71.12 67.20
472005 1 EACH	Telex Comm. 860083 1 yr	3 Wire Surveillance Kit for ICOM F4 series radios. Black color.	89.00 0.25 0.11	75.57 71.12 67.20
445003 1 EACH	Telex Comm. 860082 1 yr	3 Wire Surveillance Kit for ICOM F4 series radios. Beige color.	89.00 0.25 0.11	75.57 71.12 67.20

Remote PTT Switches



471000 25792 83771

Remote PTT switches for use with EM200, EM300 and MM900 kits.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Style, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
471000 1 EACH	Telex Comm. 800036-007 1 year	Barrel PTT with cover and 90-degree LEMO plug. Used with EM-200.	49.00 0.5 0.23	43.24 43.24 43.24
31379 1 EACH	Telex Comm. 400055-000 1 year	Footswitch PTT with 90-degree LEMO plug. Used with EM-200.	62.95 0.3 0.14	50.36 49.73 49.10
25792 1 EACH	Telex Comm. 400023-001 1 year	Ring PTT with 90-degree LEMO plug. Used with EM-200.	55.70 0.5 0.23	44.53 43.98 43.42
83771 1 EACH	Telex Comm. 400024-001 1 year	Velcro strap PTT with 90-degree LEMO plug. Used with EM-200.	57.95 0.5 0.23	46.33 45.75 45.17
475009 1 EACH	Telex Comm. 800036-009 1 year	Barrel PTT with cover and 2.5 mm 90-degree plug. Used with MM-900.	33.00 0.5 0.23	26.40 26.07 25.74
56162 1 EACH	Telex Comm. 400054-000 1 year	Footswitch PTT with 2.5 mm 90-degree plug. Used with MM-900.	55.05 0.3 0.14	44.03 43.48 42.93
415004 1 EACH	Telex Comm. 400023-002 1 year	Ring PTT with 2.5 mm 90-degree plug. Used with MM-900.	39.00 0.5 0.23	31.20 30.81 30.42
74507 1 EACH	Telex Comm. 400024-002 1 year	Velcro strap PTT with 2.5mm 90 degree plug. Used with MM-900.	24.95 0.5 0.23	19.96 19.72 19.47

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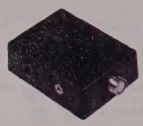
PTT/VOX Adapters [325-30]

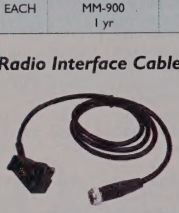
PTT adapters-Telex headsets



The Telex PTT adapter mobile radio headset interface module includes a Nexus TP-120 headset jack, AA battery powered microphone amplifier with gain control, PTT switch, remote PTT jack and belt clip. SKU 15940 is used with all Ericsson radios. Requires Telex interface cable.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Brand	Radio Model	PTT/VOX	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
89571 I EACH	Telex Comm. MM-900 1 yr	Universal	Used with interface cable	PTT	127.95 0.57 0.26	104.92 101.72 97.89

Radio Interface Cable - Telex



Telex radio interface cable for use with MM-900 radio interface module.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Brand	Radio Model	PTT/VOX	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **421339** I EACH	Telex Comm. 400100-154 1 yr	GE/Ericsson	LPE	PTT	149.00 0.48 0.22	149.00 144.53 140.81
NEW **454336** I EACH	Telex Comm. 400100-157 1 yr	GE/Ericsson	MRK	PTT	245.00 0.48 0.22	245.00 237.65 231.53
NEW **446312** I EACH	Telex Comm. 400100-156 1 yr	ICOM	F30GS /40GS	PTT	151.00 0.48 0.22	151.00 146.47 142.70
40162 I EACH	Telex Comm. 400100-093 1 yr	King	LPX, LPU, LPH, 3142A, LMH, EPU, EPH	PTT	69.45 0.48 0.22	69.41 67.33 65.60
18505 I EACH	Telex Comm. 400100-130 1 yr	Motorola	GP300/P110/ SP50	PTT	46.10 0.48 0.22	46.07 44.69 43.54
14983 I EACH	Telex Comm. 400100-135 1 yr	Motorola	HT1000/2000 MTS2000, MTX2000/838 8000/9000, XTS3000, GP1200, JT1000	PTT	132.05 0.48 0.22	132.05 128.09 124.79
93018 I EACH	Telex Comm. 400100-096 1 yr	Motorola	MX800, MTX, STX	PTT	73.55 0.48 0.22	73.54 71.34 69.50
NEW **458322** I EACH	Telex Comm. 400100-155 1 yr	Yaesu Vertex	VX210	PTT	79.00 0.48 0.22	79.00 76.63 74.66
NEW **456313** I EACH	Telex Comm. 400100-153 1 yr	Yaesu Vertex	VX800	PTT	99.00 0.48 0.22	99.00 96.03 93.56
438002 I EACH	Telex Comm. 400100-153 1 year	Yaesu/Vertex	VX800	PTT	80.65 0.48 0.22	80.63 78.22 76.20

Radio Interface Cable - Telex

Telex direct radio interface cable with an in-line PTT switch.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Brand	Radio Model	PTT/VOX	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **489354** I EACH	Telex Comm. 400400-156 1 yr	Icom	F30GS, F40GS	PTT	161.00 0.48 0.22	161.00 156.17 152.15
77306 I EACH	Telex Comm. 400400-093 1 yr	King	LPX, LPU, LPH, 3142A, LMH, EPU, EPH	PTT	74.80 0.48 0.22	74.76 72.52 70.65

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Radio Brand	Radio Model	PTT/VOX	List ($) Wt. (lbs) Wgt. (kg.)	T
52127 I EACH	Telex Comm. 400400-135 1 yr	Motorola	HT1000/ 2000, MTS2000, MTX2000/ 838 / 8000/ 9000, XTS3000, JT1000, GP1200	PTT	148.15 0.48 0.22	14 14 13
90520 I EACH	Telex Comm. 400400-069 1 yr	Motorola	Sabre	PTT	161.95 0.48 0.22	16 15 15
NEW **488388** I EACH	Telex Comm. 400400-155 1 yr	Yaesu/Vertex	VX210	PTT	119.00 0.48 0.22	11 11 11
77655 I EACH	Telex Comm. 400400-147 1 yr	Yaesu/Vertex	VX300	PTT	91.00 0.48 0.22	90 88 85
NEW **416383** I EACH	Telex Comm. 400400-138 1 yr	Yaesu/Vertex	VX510	PTT	94.00 0.48 0.22	94 91 88
NEW **460328** I EACH	Telex Comm. 400400-153 1 yr	Yaesu/Vertex	VX800	PTT	109.00 0.48 0.22	10 10 10

NEW = New Listing. Pricing for referenc
See TESSCO.com for latest pricing and pr
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Telephone Interconnect [100-13]

peater Maker Plus

Unit interfaces two transceivers to provide repeater operation. Programmable parameters, set with dip switches, include courtesy tone, time-out-timer, and repeater hang time. User can also select transmit audio and repeat audio level. Built in auxiliary relay can be activated/ deactivated via a DTMF code. Built-in four user (four tone) CTCSS encode/ decode panel.

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
42 CH	CES Wireless RM20 1 yr.	Half or full duplex	310.00 2.45 1.11	186.00 179.80 176.70

ephone Interconnect

Versatile simplex and half-duplex patch. High tech microprocessor controlled telephone interconnect that can be installed into nearly every repeater/transceiver on the market. Features: DTMF regeneration, 25 speed dial locations, remote "over ther air" programming via DTMF, simplex enhanced sampling, simplex VOX control with VeraTec, 10 digit connect/disconnect code, automatic setup, user programmable CW-ID, last number redial, call limit timer, time out timer/ warning beeps and lightning protection in a small 1.5 x 4 x 4

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
47 CH	CES Wireless 4700VP 3 yr	Simplex or half-duplex operation. Two foot cableb with DB9 connector included.	292.00 2.75 1.25	175.20 169.36 166.44

l/Half Duplex Interconnect

Converts your duplex base station, repeater, or dual band transceiver into powerful Full Duplex (or Semi-Duplex) mobile radio telephone system. Built-in repeater maker turns system into an instant repeater, if needed. FCC/DOC registered units. Built-in programming keyboard allows for easy user selections: 800 dial-CS/CTCSS operation, user Morse ID, user set timers, remote base and DTMF select g, ringout, line in-use inhibit and lots of other features. Tabletop housing with LED status tors.

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
21 CH	Connect Systems CS-800 1 yr.	Full/Semi-Duplex Interconnect, Repeater Maker, 90#'s speed dial, last # redial, 5 press auto-dial, regenerated tone/pulse dial.	448.00 3.5 1.59	420.68 385.28 375.43

K Simplex Interconnect

Deluxe microprocessor based fully auto VOX simplex interconnect can be operated simplex or thru conventional or trunked repeaters. Built-in 1/2 sec. delay (EVD) assures that base transmitter to mobile receive path is ready before voice is sent. Remote base use. Programming for over air touchtone, remote DTMF, key- pad. Lots of flexibility for ring out, channel monitoring, line detect, hook flash, refresh, , COS input, and more. Desktop version with LED displays.

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
4 H	Connect Systems CS-900 1 yr.	Voice activated Simplex Interconnect, 90#'s speed dial, redial, 1-5 digit access, 5 press dial, toll restrict, MOV protect, desktop.	448.10 3.5 1.59	420.75 385.35 375.50

Repeater Controller & Interconnect

41695

Provides repeater and duplex interconnect for private systems. Repeater features: 154 CTCSS/DCS codes, cross tone, COR, DTMF- DTMF regeneration, mobile to mobile calling, 99 memory speed call repeater enable/disable, stuck mic timer, courtesy tone. Interconnect features: half/full duplex, 1-6 digit access/override access code, 99 speed-dials, last number redial, busy/dialtone disconnect, six ringing alerts, ringout 1-9 rings, 6 toll restricts, 16 toll overides, DTMF or Pulse dialout, four digit front panel display, status LED's, aux. relay.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
41695 1 EACH	Connect Systems 8300R 1 yr.	Full/Half-Duplex Interconnect/Repeater Controller. 154 CTCSS/DCScodes, 99 memory speed caller. 19" rack mount.	646.95 5 2.27	607.46 556.36 542.12

MicroPatch Multi-Mode Interconnect

40446

MicroPatch provides user selectable operating modes. Features: Vox control station/ enhanced sampling interconnect, semi-duplex interconnect/ with privacy, repeater controller, telephone remotebase, selective calling/paging, talkback paging, Morse Station ID, 90 phone number speed dialer, last number redial, 1-800 dialing, call waiting, selective calling, DTMF/Pulse dialing, Auxilary relay software. DPL/CTCSS Operation, hook flash, built-in keyboard and display for programming, front panel LED's.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
40446 1 EACH	Connect Systems 9800D 1 yr.	MicroPatch Multi-mode interconnect. Vox, semi-duplex, repeater controller. Desktop.	691.15 5 2.27	648.99 594.39 579.19

DC Remote Controls [100-80]

CPI Telephone Style DC Remotes

Phone-style remote uses DC currents to control a distant radio. Features adjustable volume, front panel/handset push-to-talk, modular connections and RX compression amp. New features include off-hook monitor, parallel TX indicator, line continuity sensing, cross muting, 2W audio, trunking mode, and modern housing. Purchase termination panel separately. Black units are available.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
86981 1 EACH	CPI Comm. DR10 2 yrs.	1 Tx at 6-15 mA, 1 Rx. Off-hook monitor at +2.5 to 6.0 mA, or -2.5 to -6.0 mA. Use with DTP2 termination panel	284.50 4.64 2.11	191.47 186.07 183.79
27880 1 EACH	CPI Comm. DR10-4W 2 yrs.	1 Tx at 6-15 mA, 1 Rx. Off-hook monitor at +2.5 to 6.0 mA, or -2.5 to -6.0 mA. Four wire operation (one audio pair, one control pair) Use with DTP2-4W termination panel	307.50 5 2.27	206.95 201.11 198.65
35374 1 EACH	CPI Comm. DR10-M 2 yrs.	1 Tx at 6-15 mA, 1 Rx. Push-button monitor at 2.5 to 6.0 mA, or-2.5 to -6.0 mA. Use with DTP2 termination panel.	307.50 1.44 0.65	206.95 201.11 198.65
47339 1 EACH	CPI Comm. DR10-I 2 yrs.	1 Tx at 6-15 mA, 1 Rx. Off-hook monitor at +2.5 to 6.0 mA, or -2.5 to -6.0 mA. Push-button intercom. Use with DTP2 termination panel	307.50 4.6 2.09	206.95 201.11 198.65
66273 1 EACH	CPI Comm. DR10-FD 2 yrs.	1 Tx at 6-15 mA, 1 Rx. Off-hook monitor at +2.5 to 6.0 mA, or -2.5 to -6.0 mA. Full duplex on four wires (one pair Rx, one pair Tx/control). Use with DTP2-FD termination panel	307.50 5 2.27	206.95 201.11 198.65
72518 1 EACH	CPI Comm. DR10-DE 2 yrs.	1 Tx at 6-15 mA, 1 Rx. Off-hook monitor at +2.5 to 6.0 mA, or -2.5 to -6.0 mA. Front-mounted DTMF encoder keypad. Use with DTP2 termination panel	377.00 5 2.27	253.73 246.56 243.55
90845 1 EACH	CPI Comm. DR10-I-L1L2 2 yrs.	1 Tx at 6-15 mA, 1 Rx. Off-hook monitor at +2.5 to 6.0 mA, or -2.5 to -6.0 mA. Push-button intercom. Two-line select option. Use with DTP2 termination panel	338.25 5 2.27	227.65 221.22 218.51
98946 1 EACH	CPI Comm. DR10-M-I 2 yrs.	1 Tx at 6-15 mA, 1 Rx. Off-hook/push-button monitor at +2.5 to 6.0 mA, or -2.5 to -6.0 mA. Push-button intercom. Use with DTP2 termination panel.	330.50 5 2.27	222.43 216.15 213.51
73767 1 EACH	CPI Comm. DR10-2F 2 yrs.	Two frequency. Tx1 at +6 to 15 mA. Tx2 at +11 to +15 mA, or -11 to -15 mA. Off hook monitor at +2.5 to 6.0 mA, or -2.5 to -6.0 mA. Use with DTP3 termination panel.	307.50 4.65 2.11	206.95 201.11 198.65
35141 1 EACH	CPI Comm. DR10-2F-I-L1/L2 2 yrs.	Two frequency. Tx1 at +6 to 15 mA. Tx2 at +11 to 15 mA, or -11 to -15 mA. Off-hook monitor at +2.5 to 6.0 mA, or -2.5 to -6.0 mA. Push button intercom. Use with DTP3 termination panel.	360.50 4.65 2.11	242.62 235.77 232.89

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
60553 1 EACH	CPI Comm. DR10-M-2F 2 yrs.	Two frequency. Tx1 at +6 to 15 mA. Tx2 at +11 to 15 mA, or -11 to -15 mA. Off-hook/push-button monitor at +2.5 to 6.0 mA, or -2.5 to -6.0 mA. Use with DTP3 termination panel.	330.50 4.44 2.02	222.43 216.15 213.51
85732 1 EACH	CPI Comm. DR10-2F-I 2 yrs.	Two frequency. Tx1 at +6 to 15 mA. Tx2 at +11 to 15 mA, or -11 to -15 mA. Off-hook monitor at +2.5 to 6.0 mA, or -2.5 to -6.0 mA. Push button intercom. Use with DTP3 termination panel.	330.50 5 2.27	222.43 216.15 213.51
34125 1 EACH	CPI Comm. DR10-M-2F-I 2 yrs.	Two frequency. Tx1 at +6 to 15 mA. Tx2 at +11 to 15 mA, or -11 to -15 mA. Off-hook/push-button monitor at +2.5 to 6.0 mA, or -2.5 to -6.0 mA. Push-button intercom. Use with DTP3 termination panel.	353.50 5 2.27	237.91 231.19 228.37
59304 1 EACH	CPI Comm. DR10-M-2F-DE 2 yrs.	Two frequency. Tx1 at +6 to 15 mA. Tx2 at +11 to 15 mA, or -11 to -15 mA. Off-hook/push-button monitor at +2.5 to 6.0 mA, or -2.5 to -6.0 mA. Front-mounted DTMF encoder keypad. Use with DTP3 termination panel.	423.00 5 2.27	284.68 276.65 273.26

CPI Remote With Split-Bar Mic

Console style DC remote includes a split bar microphone separate from the base. Features volume control, momentary monitor and push-to-talk on panel/mic and intercom. New features include modern housing, 2W audio, cross muting, line continuity sensing, parallel TX indicator, and trunking mode. Termination panel must be purchased separately. Black units are availble.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
19861 1 EACH	CPI Comm. DR20 2 yrs.	1 Tx at 6-15 mA, 1 Rx. Monitor at 2.5 to 6 mA or -2.5 to -6 mA. Use with DTP2 termination panel	460.00 4.87 2.21	309.58 300.84 297.16
45040 1 EACH	CPI Comm. DR20-FD 2 yrs.	1 Tx at 6-15 mA, 1 Rx. Monitor at 2.5 to 6 mA or -2.5 to -6 mA. Full duplex on four wires (one pair Rx, one pair Tx/control). Use with DTP2-FD termination panel	483.00 5 2.27	325.06 315.89 312.02
83433 1 EACH	CPI Comm. DR20-DE 2 yrs.	1 Tx at 6-15 mA, 1 Rx. Monitor at 2.5 to 6 mA or -2.5 to -6 mA. Front-mounted DTMF encoder keypad. Use with DTP2 termination panel	552.50 4.87 2.21	371.84 361.34 356.92
58254 1 EACH	CPI Comm. DR20-2F 2 yrs.	Two frequency. Tx1 at +6 to 15 mA. Tx2 at +11 to 15 mA, or -11 to -15 mA. Push-button monitor at +2.5 to 6.0 mA, or -2.5 to -6.0 mA. Use with DTP3 termination panel	483.00 5 2.27	325.06 315.89 312.02
NEW 19552 1 EACH	CPI Comm. 234-0003-005 2 years	Replacement split-bar desk microphone for DR20, TR20, LE20	127.00 1.25 0.57	85.48 83.06 82.05

CPI Console Remote With Panel Mic

Console style DC remote includes an intermal microphone built into the panel. Features volume control, momentary monitor and push-to-talk on panel and mic, and intercom. New features includemodern housing, 2W audio, cross muting, line continuity sensing, parallel TX indicator, and trunking mode. Termination panel must be purchased separately. Black units are available.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
82184 1 EACH	CPI Comm. DR30 2 yrs.	1 Tx at 6-15 mA, 1 Rx. Monitor at 2.5 to 6 mA or -2.5 to -6 mA. Use with DTP2 termination panel	268.25 5 2.27	180.54 175.44 173.29
30577 1 EACH	CPI Comm. DR30-2F 2 yrs.	Two frequency. Tx1 at +6 to 15 mA. Tx2 at +11 to 15 mA, or -11 to -15 mA. Push-button monitor at +2.5 to 6.0 mA, or -2.5 to -6.0 mA. Use with DTP3 termination panel	291.25 5 2.27	196.02 190.48 188.15

CPI Console Remote W/Gooseneck Mic

Console style DC remote includes a gooseneck microp mounted onto the base. Features volume control, mome tary monitor and push-to-talk on panel and mic, and int com. New features include modern housing, 2W audio, muting, line continuity sensing, parallel TX indicator, and trunking mode. Termination panel must be purchased se rately. Black units are available.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
67721 1 EACH	CPI Comm. DR40 2 yrs.	1 Tx at 6-15 mA, 1 Rx. Monitor at 2.5 to 6 mA or -2.5 to -6 mA. Use with DTP2 termination panel	460.00 5 2.27	30 30 29

GAI-Tronics Deskset DC Remote

DC Remote Deskset connects a remote adapter (IDA1 via a leased or private phone line and controls up to fo radio frequencies thru changes in line current. Features: itor, intercom, multiple parallel desktops, selectable TX mute/off-hook speaker, DCLOTL, front panel audio mus unmute, adjustable RX/TX levels, RX/TX compression, in mic/speaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
15667 1 EACH	Gai-Tronics IDR1000A 1 Year	4 frequency 5.5mA/12.5mA/-5.5 mA/-12.5 mA, monitor -2.5mA (can be programmed from +14 to -14 mA in .5mA increments), intercom, DCLOTL, built-in mic & speaker, audio mute/unmute. Use with IDA1000 DC remote adapter.	380.00 5.1 2.32	30 26 23

GAI-Tronics Accessories

27179

52358

GAI-Tronics accessories for Remote Con Interconnects and Controllers.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
27179 1 EACH	Gai-Tronics XAC0006A 1 Year	IAPS programming software for ITR2000, ITR2300, IPE2500, ITI6000 and IRC3000. Includes 3.5" diskette for Windows 3.1 or higher. Programming cables are not included.	60.00 1 0.45	5 4 3
52358 1 EACH	Gai-Tronics XAC0004A 1 Year	IAPS programming cable for ITR2000, ITR2300, IPE2500, ITI6000, IRC3000, ITD2000A, or ITD3000A. Used with XAC0006A or XAC0007A software.	42.00 1 0.45	3 3 2

DC Remote Termination Panels [100-81]

CPI DC Termination Panels

Termination panels interface DC remote controls to th radios. Features transmit and receive audio amplificatio adjustable input/output levels, and modular connection phone line. DTP panels combine features of older DP DCO series panels. Passes trunking status tones.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)
77998 1 EACH	CPI Comm. DTP1 2 yrs.	+6 to 15 mA Tx Replaces DC-O-7L.	125.50 0.54 0.25
26391 1 EACH	CPI Comm. DTP1-C 2 yrs.	+6 to 15 mA Tx. Plastic housing. Replaces DC-O-7L-C.	164.00 1.18 0.54
58292 1 EACH	CPI Comm. DTP1-4W 2 yrs.	+6 to 15 mA Tx. 4 wire operation.	148.50 1 0.45
96685 1 EACH	CPI Comm. DTP1-FD 2 yrs.	+6 to 15 mA Tx. Full duplex operation on four wires.	148.50 1 0.45

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ing product table (2 of 2)

o. m	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
34 CH	CPI Comm. DTP2 2 yrs.	6 to 15 mA Tx. Monitor at 2.5 to 6.0 mA or -2.5 to 6.0 mA. Replaces DCO-8,DCO-8R,DCO-8RLC	150.50 0.58 0.26	101.29 98.43 97.23
7 CH	CPI Comm. DTP2-C 2 yrs.	+6 to 15 mA Tx. Monitor at 2.5 to 6.0 mA, or -2.5 to -6.0 mA. Plastic enclosure. Replaces DCO-8-C,-8R-C,-8RLC-C	189.00 1.22 0.55	127.20 123.61 122.10
9 CH	CPI Comm. DTP2-FD 2 yrs.	+6 to 15 mA Tx. Monitor at 2.5 to 6.0 mA or -2.5 to 6.0 mA. Full duplex on 4 wires.	173.50 1 0.45	116.77 113.47 112.09
3 H	CPI Comm. DTP3 2 yrs.	Tx1 at +6 to 15 mA. Tx2 at +11 to 15 mA, or -11 to -15 mA. Monitor at +2.5 to 6.0 mA, or -2.5 to 6.0 mA. Replaces DP-8R9 and DP-89R.	192.50 1 0.45	129.56 125.90 124.36
6 H	CPI Comm. DTP3-C 2 yrs.	Tx1 at +6 to 15 mA. Tx2 at +11-15 mA, or -11 to -15 mA. Monitor at +2.5 to 6.0 mA, or -2.5 to -6.0 mA. Plastic case. Replaces DP-8R9-C and DP-89R-C	231.00 1.22 0.55	155.47 151.08 149.23

losure-CPI DTP Panels

78684

Enclosure for DTP termination panels.

o. m	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
4 H	CPI Comm. C/DTP 1 yr.	For CPI DTP termination panels	37.00 0.81 0.37	24.91 24.20 23.91

DC Term. Panel for EF Johnson

10217

Termination panels interfaces DC remote controls to EF Johnson Challenger radios. Connections to base microphone and radio made via modular sockets on the front panel. Requires remote receive audio to be routed to radio microphone jack. Features rugged metal enclosure and separate transmit and receive audio amps.

n	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
	CPI Comm. JM100 2 yrs.	Tx at +11-15 mA, 6 mA monitor.	230.75 2 0.91	155.30 150.92 149.07
	CPI Comm. JM100-TR 2 yrs.	Tx at +11-15 mA, 6 mA monitor. Passes trunking status tones.	253.75 2 0.91	170.78 165.96 163.93

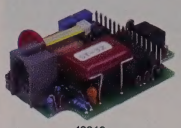
DC Term. Panel-Radius/Maxtrac

7505

Termination panels interfaces DC remote controls to Motorola Radius and Maxtrac type radios. Connections to base microphone and radio made via modular (8 pin) front panel sockets. Features separate transmit and receive audio amps, PL/DPL compatibility, and rugged metal enclosure. Compatible with M10, M100, M110, M120, M200, GM300, GTX, CDM, M1225, and other Motorola series mobiles.

	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
	CPI Comm. MR100 2 yrs.	Tx at +5.5 mA or greater, -2.5 mA monitor.	230.75 1.45 0.66	155.30 150.92 149.07
	CPI Comm. MR100-TR 2 yrs.	Tx at +5.5 mA or greater, -2.5mA monitor. Passes trunking status tones.	253.75 2 0.91	170.78 165.96 163.93

Termination Panel for ST-30



49969

Termination panel interfaces the ST-30 remote control to a radio. Includes modular phone jack, line cord and wall mount terminal block. Mounts via double sided tape and connects to radio via 18" flying leads. Transmit and receive levels are adjustable.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
49969 1 EACH	Comm. Specialists ST32 5 Yrs.	Tx1 at +5.0 mA, Tx2 at +12.5 mA, -5.0 mA monitor.	206.40 0.36 0.16	129.00 125.78 123.84

DC to Tone Converters [100-82]

CPI DC to Tone Converter

25925

Converter allows a DC remote control to be used with a system designed for tone. Translates one of eight dip-switch selectable DC current configurations into tones. Compatible with single and dual function DC remotes. Features notch filter for 2175 Hz tone, power supply, and controls for line input, mod out and tone out levels. All connections made on terminal block.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
25925 1 EACH	CPI Comm. DTC-1 2 yrs.	DC: +/- 2.5, 6, 15 mA (all adjustable) converted to tones of 2175 Hz guard, 1950, 1850 or 2050 Hz function, and 2175 Hz hold. Use with CPI TTP-series panel	397.00 2.75 1.25	267.19 259.64 256.47

GAI-Tronics DC Remote Adapters

66351

DC Remote Adapter adapts DC remote control to most radio systems. Adjustable input and output functions such as transmit output level and selectable input/output logic control give the user flexibility in unique radio setups. Easy phone line modular connections. Supports multiple desksets.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
66351 1 EACH	Gai-Tronics IDA1000A 1 Year	2 frequency 5.5mA/12.5mA TX, monitor -2.5mA, accessory port, full duplex capable 2-wire or 4-wire (optional). Can draw poer from radio or wall transformer.	370.00 2.96 1.35	296.00 259.00 229.40

Tone Remotes [100-83]

CPI Phone-Style Tone Remote

Remote uses tones to control a distant radio. Tones include 2050Hz monitor and 2175 Hz TX hold. Features off hook and momentary switch monitor, on/off hook intercom, volume knob all on front panel, and PTT key. Also has notch filter, modular connections, TX/RX audio compression. New features include front-panel PTT, housing and 2.0W audio. Connects to radio via separate panel. Black units are available.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
19422 1 EACH	CPI Comm. TR10 2 yrs.	1 Tx frequency at 1950 Hz Use with TTP1 termination panel	386.25 4.52 2.05	259.95 252.61 249.52
51532 1 EACH	CPI Comm. TR10-4W 2 yrs.	1 Tx frequency at 1950 Hz. 4 wire operation (separate Tx/Rx pairs). Use with TTP1-4W termination panel	409.25 5 2.27	275.43 267.65 264.38
94959 1 EACH	CPI Comm. TR10-FD 2 yrs.	1 Tx frequency at 1950 Hz. Full duplex on four wires. Use with TTP1-FD termination panel	447.75 4.6 2.09	301.34 292.83 289.25
446122 1 EACH	CPI Comm. TR10-4W-BLK 2 yrs.	1 Tx frequency at 1950 Hz. 4 wire operation (separate Tx/Rx pairs). Use with TTP1-4W termination panel	432.25 5 2.27	290.91 282.70 279.24
96208 1 EACH	CPI Comm. TR10-2F 2 yrs.	2 Tx frequencies at 1950 and 1850 Hz, switch selectable. Use with TTP2 termination panel	409.25 4.53 2.06	275.43 267.65 264.38

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
69780 1 EACH	CPI Comm. TR10-2F-4W 2 yrs.	2 Tx frequencies at 1950 and 1850 Hz, switch selectable. 4 wireoperation (separate Tx/Rx pairs). Use with TTP2-4W termination panel	432.25 4.58 2.08	290.91 282.70 279.24

Multi-frequency Tone Remote

436378

Multi frequency tone remotes can be used to control up to 16 frequencies on many radio systems. They can be added to any existing EIA standard tone system. Monitor, intercom, front panel PTT, crossmute, and parallel status updating are standard features. Cables with radio connectors for Kenwood and Motorola radios are available. The TTP216 termination panel is required. Black units are available.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 477383 1 EACH	CPI Comm. TR10-4F 2 yrs.	4 frequency tone remote. Use with TTP216 termination panel	510.00 4.53 2.06	343.23 333.54 329.46
NEW 436378 1 EACH	CPI Comm. TR10-16F 2 yrs.	16 frequency tone remote. Use with TTP216 termination panel	577.00 4.53 2.06	388.33 377.36 372.75

CPI Console Tone Remote w/Desk Mic

Console-style remote uses tones to control a base radio and features a split bar desktop microphone. Tones include 2050 Hz monitor and 2175 Hz Tx hold. Features momentary monitor switch, intercom and volume knob on front panel, and PTT and monitor on mic. Has notch filter, modular connections, compression, 2.0W audio, modern housing. Interfaces to radio via separate panel. Black units are available.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
40854 1 EACH	CPI Comm. TR20 2 yrs.	1 Tx at 1950 Hz. Use with TTP1 termination panel	540.50 4.73 2.15	363.76 353.49 349.17
64279 1 EACH	CPI Comm. TR20-2F 2 yrs.	2 Tx at 1950 and 1850 Hz. Use with TTP2 termination panel	563.50 4.75 2.16	379.24 368.53 364.03

Console Tone Remote w/Internal Mic

Console-style remote uses tones to control a base radio and features an internal condenser microphone. Tones include 2050 Hz monitor and 2175 Hz Tx hold. Features momentary monitor switch, intercom, and volume knob on front panel, and PTT and monitor on mic. Includes notch filter, modular connections, compression, 2W audio, modern housing. Interfaces to radio via seperate panel. Black units are available.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
66033 1 EACH	CPI Comm. TR30 2 yrs.	1 Tx at 1950 Hz. Use with TTP1 termination panel	407.50 3.92 1.78	274.25 266.51 263.25

Console Tone Remote-Gooseneck Mic

Console-style remote uses tones for control and features a flex gooseneck microphone mounted on console. Tones include 2050 Hz monitor and 2175 Hz Tx hold. Features momentary monitor switch, intercom, and volume knob on front panel, and PTT and monitor on mic. Has notch filter, modular connections, compression, 2W audio, modern housing. Connects to radio via separate panel. Black units are available.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
52819 1 EACH	CPI Comm. TR40 2 yrs.	1 Tx at 1950 Hz. Use with TTP1 termination panel	540.50 5 2.27	363.76 353.49 349.17

CPI Wall Mount

Wall mount for CPI remotes.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)
52373 1 EACH	CPI Comm. WM/REMOTES 2 yrs.	Wall mount for TR, DR, MCR, and TSR series remotes. Includes snap-on bracket for remote, wall mount, and hardware.	23.00 0.51 0.23

GAI-Tronics Deskset Tone Remote

Tone Remote Deskset connects remote adapter (ITA2 via a leased or private phone line and controls up to fo radio frequencies thru standard EIA function tones. Fea monitor, intercom, multiple parallel desktops, selectable hook speaker/ monitor, selectable parallel transmit aud mute,front panel audio mute/unmute, adjustable RX/TX els, RX/TX compression, built-in mic/speaker.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)
88706 1 EACH	Gai-Tronics ITR1000A 1 Year	4 frequency 550-2050 Hz (programmed in 100 Hz increments), monitor, intercom, built-in mic & speaker, audio mute/unmute. Programming software is not required. (AC transformer 76144) Use with ITA2000 tone remote adapter.	415.00 5 2.27

GAI-Tronics Deskset Tone Remote

Tone Remote Deskset connects remote adapter (ITA2 via a leased or private phone line and controls up to fo radio frequencies thru standard EIA function tones. Fea parallel status updating, 2 or 4 wire TX audio, internal com path, programmable voice delay, connections for a sories. REQUIRES: XAC0006A programming software XAC0004A programming cable.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)
22636 1 EACH	Gai-Tronics ITR2000A 1 Year	4 frequency 550-1950 Hz (programmed in 100 Hz increments), monitor, intercom, built-in mic & speaker, parallel status updating, 2 or 4 wire, accessory ports, PC programmable. Use with ITA2000 tone remote adapter.	730.00 5.64 2.56

Paging Encoder/Controller

Paging Encoder/ Desktop Controller. Features: parallel updating, 2 or 4 wire TX audio, front panel mute/unmu programmable voice delay, connections for acessories, in mic and speaker, intercom, DTMF/Plectron/2-tone/5 1500/2805/custom 2-tone paging formats, paging entry tons. REQUIRES: XAC0006A programming software a XAC0004A programming cable.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)
90950 1 EACH	Gai-Tronics IPE2500A 1 Year	16 frequency 550-1950 Hz (programmed in 100 Hz increments), programmable buttons, 2 line LCD display, 4 programmable inputs/outputs, 7 paging formats, accessory ports, PC programmable. Use with ITA2000 tone remote adapter.	1,300.00 3.7 1.68
80559 1 EACH	Gai-Tronics IPE2500A-MLS 1 Year	16 frequency 550-1950 Hz (programmed in 100 Hz increments), programmable buttons, 2 line LCD display, 4 programmable inputs/outputs, 7 paging formats, PC programmable, Tone remote desk set with up to 4 line control. Use with ITA2000 tone remote adapter.	1,500.00 6.42 2.92

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Tone Remote Termination Panels [100-84]

l Tone Termination Panels

11466 51104

Termination panel connects to a radio to interface a remote control. Tones used include 2050 Hz monitor and 2175 Hz security/TX hold tone. Features notch filter for key tone, timed or latching monitor, and variable levels to handle different radios and line conditions. Uses modular connections to 600 ohm voice grade path and screw terminals for radio.

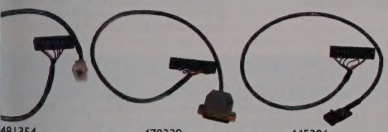
o. om	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
56 CH	CPI Comm. TTP1 2 yrs.	1 Tx frequency at 1950 Hz	333.00 0.61 0.28	224.11 217.79 215.12
73 CH	CPI Comm. TTP1-C 2 yrs.	1 Tx frequency at 1950 Hz. Housed in metal case.	356.00 1.23 0.56	239.59 232.83 229.98
V 33 CH	CPI Comm. TTP1(N) 2 yrs.	1 Tx frequency at 1950 Hz. 4 wire/ full duplex with auto gain control.	365.00 0.61 0.28	245.65 238.71 235.79
4 CH	CPI Comm. TTP1-4W/FD 2 yrs.	1 Tx frequency at 1950 Hz. 4 wire operation (separate Tx/Rx pairs), full duplex.	356.00 0.64 0.29	239.59 232.83 229.98
83 H	CPI Comm. TTP1-4W/FD-C 2 yrs.	1 Tx frequency at 1950 Hz. 4 wire operation (separate Tx/Rx pairs), full duplex. Housed in metal case.	394.35 2 0.91	265.39 257.90 254.74
9 H	CPI Comm. TTP2 2 yrs.	2 Tx frequencies at 1950, 1850 Hz.	378.50 0.63 0.29	254.74 247.54 244.52
0 H	CPI Comm. TTP2-4W/FD 2 yrs.	2 Tx frequencies at 1950, 1850 Hz. 4 wire operation (separate Tx/Rx pairs).	401.50 0.75 0.34	270.21 262.59 259.37
/ 9 H	CPI Comm. TTP2(N) 2 yrs.	2 Tx frequencies at 1950, 1850 Hz. 4 wire/ full duplex with auto gain control.	395.00 0.63 0.29	265.84 258.33 255.17
8 H	CPI Comm. TTP4 2 yrs.	4 Tx frequencies at 1950, 1850, 1750, 1650 Hz. Housed in metal case.	553.75 2 0.91	372.68 362.16 357.73
4 H	CPI Comm. TTP10 2 yrs.	10 Tx frequencies at 1950, 1850, 1750, 1650, 1550, 1450, 1350, 1250, 1150, 1050 Hz. Housed in a metal case.	709.75 1.57 0.71	477.67 464.18 458.50
/ 9 H	CPI Comm. TTP216 2 yrs.	16 frequencies, BCD capable, programmable function tone detection, 15 preset function tone groups, jumper selectable 4 wire/ full duplex. No PC require for programming. Housed in a metal case.	600.00 2 0.91	403.80 392.40 387.60

osure for TTP Panels

Enclosure for TTP1 and TTP2 termination panels.

n	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1	CPI Comm. CASE-TTP1,2 1 yr.	For CPI TTP1 and TTP2 termination panels	38.35 1 0.45	25.80 25.07 24.77

es for Termination Panels



481354 470339 445396

to connect CPI DTP/TTP series termination panels to Kenwood and Motorola radios.

g product table (1 of 2)

Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
CPI Comm. 600-TK80-002 2 years	12" cable assembly that connects a KCT19-equipped Kenwood -80 series mobile radio to a CPI DTP or TTP series termination panel	30.75 0.3 0.14	20.70 20.12 19.87

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 470339 1 EACH	CPI Comm. CABLE -90 SERIES 2 years	12" cable assembly that plugs into the DB25 connector on Kenwood -90 series mobile radio to connect it to a CPI DTP or TTP series termination panel.	30.75 0.3 0.14	20.70 20.12 19.87
NEW 428319 1 EACH	CPI Comm. CABLE TTP216-90 2 years	12" cable assembly that plugs into the DB25 connector on Kenwood -90 series mobile radio to connect it to a CPI TTP216 termination panel.	30.75 0.3 0.14	20.70 20.12 19.87
NEW 445396 1 EACH	CPI Comm. CABLE MOTO SERIES 2 years	12" cable assembly that plugs into the 16 or 20 pin accessory connector on Motorola mobile radios to connect to a CPI DTP or TTP series termination panel.	30.75 0.3 0.14	20.70 20.12 19.87
NEW 445359 1 EACH	CPI Comm. CABLE TTP216-MOTO 2 years	12" cable assembly that plugs into the 16 or 20 pin connector on Motorola mobile radio to connect it to a CPI TTP216 termination panel.	30.75 0.3 0.14	20.70 20.12 19.87

Tone Termination-Radius/Maxtrac

Termination panel connects directly to Motorola Radius/Maxtrac series trunking radios. Uses a direct modular connection to radio with small modification, and a mic can be plugged into panel. Features adjustable TX/RX audio amplification, 2050 Hz monitor and 2175 Hz hold, and passes trunking status tones. Uses modular or screw terminal connections to remote line.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
61824 1 EACH	CPI Comm. MR202 2 yrs.	2 Tx frequencies at 1950, 1850 Hz	538.50 2 0.91	362.42 352.18 347.88
80360 1 EACH	CPI Comm. MR200 2 yrs.	1 Tx frequency at 1950 Hz. For SM series, Radius, and Maxtrac.	461.50 1.5 0.68	310.59 301.83 298.13
95625 1 EACH	CPI Comm. MR200-4W/FD 2 yrs.	1 Tx frequency at 1950 Hz. 4-wire, separate Tx/Rx pairs. Designed to simply plug into the radio's mic jack. For Radius, Maxtrac, and SM series.	484.50 1.5 0.68	326.07 316.87 312.99

CPI Tone Term. Panel for EF Johnson

Termination panel connects directly to Johnson Challenger or 8600series trunking radios. Uses a direct modular connection to radio with small modification, and a mic can be plugged into panel. Features adjustable TX/RX audio amplification, 2050 Hz monitor and 2175 Hz hold, and passes trunking status tones. Uses modular or screw terminal connections to remote line.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
89497 1 EACH	CPI Comm. JM200 2 yrs.	1 Tx frequency at 1950 Hz	461.50 2 0.91	310.59 301.83 298.13

GAI-Tronics Tone Remote Adapters

Tone Remote Adapter adapts tone remote control to most radio systems. Adjustable input and output functions such as transmit output level, selectable input/output logic control, programmable guard tone keying and multiple deskset control provide flexibility in unique radio setups.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
95675 1 EACH	Gai-Tronics ITA2000A 1 Year	16 frequency control, local accessory port, continuous or timed monitor, selectable 2175 Hz Guard Tone, courtesy tones, full-duplexc apable, supervisor control, desk mic connection, accessory port.	650.00 3.22 1.46	520.00 455.00 403.00
69518 1 EACH	Gai-Tronics XTA0001A-G3 1 Year	Field installable radio cable. Connects ITA2000 to Motorola GM300/ Maxtrac radios, M or GR 1225 radios.	100.00 0.66 0.3	87.30 73.80 65.00
17911 1 EACH	Gai-Tronics XTA0002A-K9 1 Year	Field installable radio cable. Connects ITA2000 to Kenwood KCT-19 radio.	84.00 0.25 0.11	73.34 62.00 54.60

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Local Extension Dispatcher [100-85]

Phone-Style Extended Local Control

Phone-style local extension provides control of a radio at distances up to 1000 feet with a multi-conductor cable. Features 25 unit parallel capability, off-hook monitor, front panel and handset PTT, amplified speaker, adjustable volume knob, and trunking compatibility. Connects to line via screw terminals. AC wall plug and wall mount kit are available separately. Black units are available.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
35807 1 EACH	CPI Comm. LE10 2 yrs.	Single channel	215.50 3.03 1.38	145.04 140.94 139.22
75538 1 EACH	CPI Comm. LE10-I 2 yrs.	Single channel. Push-button intercom function for on/off hook contact with parallel units.	238.50 3.04 1.38	160.52 155.98 154.08
88752 1 EACH	CPI Comm. LE10-M 2 yrs.	Single channel. Push-button (on hook) monitor function.	238.50 5 2.27	160.52 155.98 154.08
23931 1 EACH	CPI Comm. LE10-M-I 2 yrs.	Single channel. Push-button, on hook monitor and on/ off hook intercom functions.	261.50 5 2.27	175.99 171.03 168.93
42268 1 EACH	CPI Comm. LE10-M-2F 2 yrs.	Two channel. Push-button, on hook monitor and channel select with selectable outputs	261.50 5 2.27	175.99 171.03 168.93

Local Control Console-Desk Mic

Console-style local extension provides control of a radio at distances up to 1000 feet with a multi-conductor cable. Features split bar desk microphone, push-button monitor, front panel TX with indicator, amplified speaker with volume control and trunking compatibility. Connects to line via screw terminals. Black units are available.

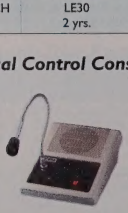
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
15531 1 EACH	CPI Comm. LE20 2 yrs.	Single channel	361.50 5 2.27	243.29 236.43 233.53

CPI Local Console- Internal Mic

Console-style local extension provides control of a radio at distances up to 1000 feet with a multi-conductor cable. Features internal electret microphone, push-button monitor, front panel TX with indicator, amplified speaker with volume control and trunking compatibility. Connects to line via screw terminals. AC wall plug and wall mount kit are available separately. Black units are available.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
88045 1 EACH	CPI Comm. LE30 2 yrs.	Single channel	215.50 5 2.27	145.04 140.94 139.22

Local Control Console w/Gooseneck



Console-style local extension provides control of a radio at distances up to 1000 feet with a multi-conductor cable. Features console-mounted gooseneck microphone, push-button monitor, front panel TX with indicator, amplified speaker with volume control and trunking compatibility. Connects to line via screw terminal. AC wall plug and wall mount kit are available separately. Black units are available.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
10010 1 EACH	CPI Comm. LE40 2 yrs.	Single channel	361.50 5 2.27	243.29 236.43 233.53

Options for LE Local Extensions

50283 99032

Field installable options for the LE local extensions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T
50283 1 EACH	CPI Comm. WP 2 yrs.	Wall plug (power supply) for LE10, LE20, LE30, LE40.	23.00 1 0.45	
99032 1 EACH	CPI Comm. WM/LE 2 yrs.	Wall mount for LE series. Includes snap-on bracket for remote, wall mount plate and hardware.	23.00 1 0.45	

GAI-Tronics Local Deskset

Local Deskset connects directly to the base station or repeater or in parallel via a junction box (XLD0001A). control radios up to 1000 feet away and several deskse be connected in parallel (10 maximum).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T
52811 1 EACH	Gai-Tronics ILD1000A 1 Year	Selectable latching, intercom/internal intercom, selectable off-hook monitor/ local speaker, front panel audio mute/unmute, adjustable RX and TX levels, built-in mic/ speaker.	275.00 3.83 1.74	
90751 1 EACH	Gai-Tronics XLD0001A 1 Year	Local Junction Box. Connects four parallel desksets. Several junction boxes can be connected.	265.00 1 0.45	
76144 1 EACH	Gai-Tronics XAC0001A 1 Year	AC wall transformer for ILD2000, ITA2000, ITI6000 and IRC3000, ITR 2000A.	32.00 1 0.45	
93973 1 EACH	Gai-Tronics XAC0011A 1 Year	AC wall transformer for ILD1000 and ITR1000A.	27.00 1.06 0.48	

Specialty Remote Systems [100-86]

GAI-Tronics ICP9000 Navigator

The ICP9000 NAVIGATOR is a compact, feature-rich r dispatch console capable of supporting multiple dispatc locations in a modern Graphical User Interface (GUI) f All pushbutton and indicator functions are located on interactive CRT display supporting touch-screen or mo operation. A minimum 19" touch screen is recommend (not included). It is capable of controlling up to 12 con tional base radios and supports multiple dispatcher loc The Master control Unit (MCU) can be stored beneath desk or rack mounted. In addition to the console's standard features, a variety of options field install kits are available to provide enhanced control of the radio system.

- Graphical User Interface with Custom Profile Settings
- Touch-Screen, Wand or Mouse Operation
- Available in 4, 8, and 12 channel control
- 4 channel expansion kits support system growth
- 4 channel expansion kits support system growth
- Supports tone, DC, and E&M control types
- Includes paging encoder for individual or grou ing
- DTMF decode for automatic number identific
- Provides telephone interface capability
- Supports headset, gooseneck microphone, des and footswitch
- Easy-to-use Windows-based programming app tion
- Requirements: Dedicated PC with Windows 2 128MB RAM, P3 Processor, 2 GB Hard Drive, Card, 32MB Video Card.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	
NEW 451348 1 EACH	Gai-Tronics ICPN9004A 1 Year	4 Channel Expandable Navigator Master Control Unit (MCU) console with XAC2000A GUI software. Requires XAC1000A (452176) CARD Suite programming software and XCP0170A cable. PC and touch-screen is not included.	7,500.00 20 9.09	6 5 4
NEW 492367 1 EACH	Gai-Tronics ICPN9008A 1 Year	8 Channel Expandable Navigator Master Control Unit (MCU) console with XAC2000A GUI software. Requires XAC1000A (452176) CARD Suite programming software and XCP0170A cable. PC and touch-screen is not included.	8,100.00 20 9.09	6 5 5

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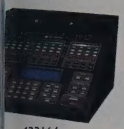
uing product table (2 of 2)

No. Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 307 CH	Gai-Tronics ICPN9012A 1 Year	12 Channel Expandable Navigator Master Control Unit (MCU) console with XAC2000A GUI software. Requires XAC1000A (452176) CARD Suite programming software and XCP0170A cable. PC and touch-screen is not included.	8,700.00 20 9.09	6,960.00 6,090.00 5,394.00

l-Tronics ICP9000 Series



433164

The ICP9000 is a compact, feature-rich radio dispatch console capable of supporting multiple dispatcher locations.It is available in three models for controlling 4, 8 or 12 base stations or repeaters. In addition to the console's standard features, a variety of options and field install kits are available to provide enhanced control of the radio system.

- able in 4, 8, and 12 channel control
- nnel expansion kits support system growth
- mmodates 10 consoles per system
- orts tone, DC, and E&M control types
- des paging encoder for individual or group pag-
- DTMF decode for automatic number identification
- Provides telephone interface capability
- Supports headset, gooseneck microphone, and foot-switch
- Easy-to-use Windows-based programming application
- Built-In diagnostics enable technicians to quickly identify and solve problems to ensure system reliability

o. m	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
V 64 H	Gai-Tronics ICP9004A 1 Year	Full-featured, multi-station dispatch controller controls up to 4 base stations or repeaters. Expandable to meet future needs. Field programming requires XAC1000A software (452176) and XCP017A cable (439130).	6,200.00 18 8.18	4,960.00 4,340.00 3,844.00
V 81 H	Gai-Tronics ICP9008A 1 Year	Full-featured, multi-station dispatch controller controls up to 8 base stations or repeaters. Expandable to meet future needs. Field programming requires XAC1000A software (452176) and XCP017A cable (439130).	6,800.00 19 8.64	5,440.00 4,760.00 4,216.00
V 23 H	Gai-Tronics ICP9012A 1 Year	Full-featured, multi-station dispatch controller controls up to 12 base stations or repeaters. Field programming requires XAC1000A (452176) software and XCP017A cable (439130).	7,400.00 20 9.09	5,920.00 5,180.00 4,588.00

9000 Field Install Kits

GAI-TRONICS® A Hubbell Company

GAI-Tronics field install kits for ICP9000 are available to provide enhanced control of the radio system.

ng product table (1 of 2)

o. m	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
5 H	Gai-Tronics XCP0010A 1 Year	ICP9000 DC control kit uses DC current to control certain radio functions. These currents are impressed on the audio lines between the console and the base station. DC operation is enabled through the use of the CARD Suite Software application. One kit per DC controlled channel.	220.00 2 0.91	176.00 154.00 136.40
5 H	Gai-Tronics XCP0020A 1 Year	ICP9000 16-frequency capability kit. When a channel has more than 4 transmit function tones defined, the multi-frequency operation of that channel will be enabled.	200.00 2 0.91	160.00 140.00 124.00
2 H	Gai-Tronics XCP0030A 1 Year	ICP9000 25 pair telco interface kit adapts the DB25 rear panel connectors to a single 50-pair connector	320.00 5 2.27	256.00 224.00 198.40
5	Gai-Tronics XCP0040A 1 Year	ICP9000 E&M signaling kit consists of two control lines: the M lead that generates a closure when the PTT is pressed and the E lead that detects a closure for receiving audio. E&M keying is enabled through the CARD Suite Software when a channel is equipped with E&M Control. One kit per 4 E&M-controlled channels. NOTE: Must be used along with XCP0050A (418177).	320.00 2 0.91	256.00 224.00 198.40
7	Gai-Tronics XCP0050A 1 Year	ICP9000 supervisory control kit gives a designated operator the ability to disconnect transmit audio from one or more parallel-connected console channels.	670.00 8 3.64	536.00 469.00 415.40
7	Gai-Tronics XCP0060A 1 Year	ICP9000 external phone interface kit allows use of a headset connected to the ICP9000 to communicate with an external phone. This option supports full duplex four-wire audio provided by the external phone. NOTE: Cannot be used along with the XCP0070A (461173).	350.00 2 0.91	280.00 245.00 217.00
	Gai-Tronics XCP0070A 1 Year	ICP9000 direct phone interface kit allows ICP9000 to be connected directly to an analog phone line. User can place calls from the console's keypad using the dial/ answer button. NOTE: Cannot be used along with the XCP0060A (497197).	350.00 2 0.91	280.00 245.00 217.00
	Gai-Tronics XCP0080A 1 Year	ICP9000 battery revert kit provides battery backup to prevent downtime during power outages.	170.00 4 1.82	136.00 119.00 105.40

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 488188 1 EACH	Gai-Tronics XCP0100A 1 Year	ICP9000 4 channel expansion kit for the ICP9004A (433164) and ICP9008A (472181) only.	750.00 3 1.36	600.00 525.00 465.00
NEW 474182 1 EACH	Gai-Tronics XCP0110A 1 Year	ICP9000 4 channel replacement button kit.	75.00 2 0.91	60.00 52.50 46.50

ICP9000 Accessories

GAI-TRONICS® A Hubbell Company

GAI-Tronics ICP9000 accessories facilitate the proper functioning of the console.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 443147 1 EACH	Gai-Tronics XHS003A 1 Year	ICP9000 series amplified headset. NOTE: Requires XCP0140A interface box (411163) and XCC003A coiled cord (457191).	170.00 0.34 0.15	136.00 119.00 105.40
NEW 457191 1 EACH	Gai-Tronics XCC003A 1 Year	Coiled cord with push to talk button for XHS003A headset.	245.00 2 0.91	196.00 171.50 151.90
NEW 411163 1 EACH	Gai-Tronics XCP0140A 1 Year	ICP9000 headset interface box and mounting assembly.	230.00 2 0.91	184.00 161.00 142.60
NEW 423195 1 EACH	Gai-Tronics XGM003A 1 Year	ICP9000 gooseneck microphone and mounting assembly.	325.00 1.6 0.73	260.00 227.50 201.50
NEW 452176 1 EACH	Gai-Tronics XAC1000A 1 Year	ICP9000 CARD Suite programming software. Windows-based application software on CD-ROM. NOTE: Requires XCP0170A programming cable (439130).	300.00 2 0.91	124.80 109.20 96.72
NEW 439130 1 EACH	Gai-Tronics XCP0170A 1 Year	ICP9000 CARD Suite programming cable. NOTE: Used with XAC1000A software (452176).	80.00 2 0.91	64.00 56.00 49.60
NEW 464153 1 EACH	Gai-Tronics XCP0120A 1 Year	ICP9000 replacement slave to lightning and slave to master cables.	150.00 2 0.91	120.00 105.00 93.00
NEW 484145 1 EACH	Gai-Tronics XCP0150A 1 Year	ICP9000 25 ft. cable, 25 pair with connector.	125.00 3 1.36	100.00 87.50 77.50
NEW 475120 1 EACH	Gai-Tronics XCP0160A 1 Year	ICP9000 50 ft. cable, 25 pair with connector.	175.00 5 2.27	140.00 122.50 108.50

Remote-Motorola CDM1550/CDM1550LS

The MCR211A is a telephone style remote control unit designed for use with Motorola's CDM1550 and CDM1550LS radios. The remote features:

- LCD display for 9-character alpha channel alias
- LCD display for channel and zone indications
- Channel and zone up and down buttons
- PTT indicator
- On-hook PTT capability
- Monitor button and indicator
- Intercom button
- Scan button and indicator
- Privacy feature
- Speaker volume control
- Use only with MCP200C termination panel
- Black units are available
- NOTE: When connected to radio, radio becomes dedicated to remote operation.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
477148 1 EACH	CPI Comm. MCR211A 2 yrs.	For Motorola CDM1550 and CDM1550LS radios. Telephone style with 9-character alpha-numeric display. Provides 2-watt audio output and dip switch selected full duplex operation. Radio is dedicated to remote operation. Use only with MCP200C termination panel	692.25 4.75 2.16	465.89 452.74 447.20
NEW 462183 1 EACH	CPI Comm. MCR211A-UE1 2 yrs.	For Motorola CDM1550 and CDM1550LS radios. Telephone style with 9-character alpha-numeric display and panel mounted 12-key multi-format encoder. Provides 2-watt audio output and dip switch selected full duplex operation. Radio is dedicated to remote operation. Use only with MCP200C termination panel	861.50 5 2.27	579.79 563.43 556.53

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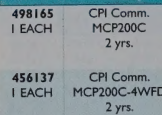
Termination-Motorola CDM1550/1550LS

The MCP200C termination panel provides the interface between the CDM1550 and CDM1550LS radios and the MCR211A remote. The panel features:

- Rugged metal enclosure
- Operation on any 2-wire or full duplex voice grade circuit between radio and remote sites
- Optional 4-wire/full duplex operation (sku 456137)
- Use only with MCR211A remotes.
- Black units are available.
- NOTE: When the termination panel is connected to the radio the radio becomes dedicated to remote operation.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
498165 1 EACH	CPI Comm. MCP200C 2 yrs.	For CDM1550 and CDM1550LS radios. Use only with MCR211A remotes. NOTE: When the termination panel is connected to the radio the radio is dedicated to remote operation.	461.50 1.65 0.75	310.59 301.83 298.13
456137 1 EACH	CPI Comm. MCP200C-4WFD 2 yrs.	For CDM1550 and CDM1550LS radios. Provides four wire/full duplex operation. Use only with MCR211A remotes. NOTE: When the termination panel is connected to the radio the radio is dedicated to remote operation.	484.50 1.5 0.68	326.07 316.87 312.99

Remote-Conventional Radius/Maxtrac



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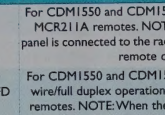

72800

Phone-style remote provides all controls and indicators found on Radius and Maxtrac radios. Controls are for channel up/down, PTT, scan, monitor, intercom and volume. Numeric LEDs indicate control activation and channel. Features handset as well as panel-mounted speaker/electret mic for hands-free operation. Requires separately purchased termination panel. Black units are available.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
96611 1 EACH	CPI Comm. MCR210BK NEW 2 yrs.	For Motorola Radius and Maxtrac conventional radios including M200, 300, and GM300. Use only with MCP200 or MCP200G termination panels	600.00 5 2.27	403.80 392.40 387.60
10569 1 EACH	CPI Comm. MCR210 NEW 2 yrs.	For Motorola Radius and Maxtrac conventional radios including M200, 300, and GM300. Use only with MCP200 or MCP200G termination panels	577.00 5 2.27	388.33 377.36 372.75
72800 1 EACH	CPI Comm. MCR210 ALPHA 2 yrs.	For Motorola Radius and Maxtrac conventional radios including M200, 300, and GM300. Displays the channel number and up to 10 characters of a user programmable name. Use only with MCP200 or MCP200G termination panels	692.25 4.75 2.16	465.89 452.74 447.20
89903 1 EACH	CPI Comm. MCR210 ALPHA GN 2 yrs.	For Motorola Radius and Maxtrac conventional radios including M200, 300, and GM300. Displays the channel number and up to 10 characters of a user programmable name. Includes gooseneck microphone. Use only with MCP200 or MCP200G termination panels	780.00 5 2.27	524.94 510.12 503.88

Remote-Conventional Radius/Maxtrac

The MCR220 is a console style remote control unit, with desk microphone designed for use with the Radius 200 series, GM300, SM120, M1225, M1225LS and Motorola's Maxtrac 300 conventional radios. The remote provides LED displays for channel indication, channel up and down buttons, PTT indicator, on-hook PTT capability, monitor button and indicator, intercom button, scan button and indicator and speaker volume control. The MCR220 allows incoming calls, as well as transmissions made using the radio microphone, to be received through the speaker in the remote. Transmissions made from a remote are heard on all parallel remotes. The MCR220 allows for intercom capability between parallel remotes. The channel display and indicators on all remotes mirror that of the radio. Black units are available.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
96209 1 EACH	CPI Comm. MCR220 2 yrs.	For Motorola Radius and Maxtrac conventional radios including M200, 300, and GM300. New version (post 5/6/94) with 99 ch. display. Use only with MCP200 or MCP200G termination panels	692.25 5 2.27	465.89 452.74 447.20
93178 1 EACH	CPI Comm. MCR220-220V 2 yrs.	For Motorola Radius and Maxtrac conventional radios including M200, 300, and GM300. New version (post 5/6/94) with 99 ch. display. With 220VAC wall transformer. Use only with MCP200 or MCP200G termination panels	715.25 5 2.27	481.37 467.78 462.06

Termination for Radius/Maxtrac

35748

74141

84470

Termination panel interfaces MCR210/210A/220 to certain Motorola's. Consists of two m ules, one plug-in module for inside the radio and one connected to the radio microphone Also provides modular connection for phone line and jack for local hand or desk mic. Feat LED power and activity indicators, and controls for levels. Housed in rugged metal enclos

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
35748 1 EACH	CPI Comm. MCP200 2 yrs.	For conventional Radius M200, Maxtrac 300.	461.50 2 0.91	31 30 29
74141 1 EACH	CPI Comm. MCP200G 2 yrs.	For GM300 radios.	461.50 2 0.91	31 30 29
84470 1 EACH	CPI Comm. MCP200M 2 yrs.	For Radius M1225 radios. Use only with new (post 5/6/94) MCR200 series remotes.	461.50 2 0.91	31 30 29
441076 1 EACH	CPI Comm. MCP200M-4WFD 2 yrs.	For Radius M1225 radios. Use only with new (post 5/6/94) MCR200 series remotes. Features full duplex on four wires.	484.50 1.7 0.77	32 31 31
65803 1 EACH	CPI Comm. D-ADAPTER 2 yrs.	DeskTrac Adapter. Allows the TSP200 or MCP200 termination panels to be used with the Motorola DeskTrac radio. Plug-in board. No soldering required.	30.75 1 0.45	2 2 1

Remote-Maxtrac 800 (B7) Radios

Phone-style remote provides all the controls and indica found on the 840 radios. Controls are for system, subfl on-hook PTT, scan, select, intercom and volume. Nume LEDs indicate control activation, system and subfleet. F tures handset as well as panel-mounted speaker/electre for hands free operation. Requires separately purchase mination panel. Black units are available.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T
86834 1 EACH	CPI Comm. TSR200 2 yrs.	For Motorola Maxtrac 800 series, B7 model trunking radios. Use TSP200 or TSP209 termination panel	615.50 5 2.27	4 4 3

Termination for Maxtrac 800/900

Termination panel interfaces the TSR200 to certain Mo radios. Consists of two modules, one internally plugge radio and the other connected to the radio microphon Also provides modular connection for phone line and ja a local hand or desk mic. Features LED power and acti lamps, and controls for levels. Housed in rugged enclos

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	
73620 1 EACH	CPI Comm. TSP200 2 yrs.	For Motorola Maxtrac 800 series (B7 models) of trunking radios. Not compatible with 900 MHz trunking.	460.00 2 0.91	3 3 2

Remote-Midland Syn-Tech XTR Radios

Phone-style remote provides all controls and indicators on Radius and Maxtrac radios. Controls are for channe down, PTT, scan, monitor, intercom and volume. Nume LEDs indicate control activation and channel. Features set as well as panel-mounted speaker/electret mic for free operation. Requires separately purchased termina panel. Black units are available.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	
31356 1 EACH	CPI Comm. MCR310 2 yrs.	For Midland Syn-Tech XTR radios Use with MCP300 termination panel	577.00 5 2.27	
21193 1 EACH	CPI Comm. MCR310 ALPHA 2 yrs.	For Midland Syn-Tech XTR radios. Displays the channel number and up to ten characters of a user programmable channel name. Use with MCP300 termination panel	692.25 5 2.27	

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rmination Panel for Midland XTR

Termination panel interfaces the MCR310 to Midland Syn-Tech XTR radios. Connects to radio microphone jack. Also provides modular connection for phone line and jack for local Midland hand or desk mic. Features LED power and activity indicators, and controls for line levels, testing for setup, and line balance. Housed in rugged metal enclosure.

No. Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
749 CH	CPI Comm. MCP300 1 yr.	For Midland Syn-Tech XTR radios	500.00 2 0.91	336.50 327.00 323.00

mote for Kenwood TK 630/730/830

80743

79494

Phone-style remote provides all controls and indicators found on Kenwood TK630, 730, 830 radios. Controls are for channel up/down PTT, scan, monitor, intercom and volume. Numeric LEDs indicate control activation and channel. Features handset as well as panel-mounted speaker/electret mic for hands-free operation. Requires separately purchased termination panel. Black units are available.

No. Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
43 CH	CPI Comm. MCR410 2 yrs.	For Kenwood TK630, TK730 and TK830 radios. Use with MCP400 termination panel	577.00 5 2.27	388.33 377.36 372.75
94 CH	CPI Comm. MCR410 ALPHA 2 yrs.	For Kenwood TK630, TK730 and TK830 radios. Adds LCD display of channel number and ten character user programmable channel name, privacy mode and select button. Use with MCP400 termination panel	692.25 5 2.27	465.89 452.74 447.20

mote for Kenwood TK 630/730/830

Console remote provides all controls and indicators found on Kenwood TK630,730,830 radios. Controls are for channel up/down, PTT, scan, monitor, intercom and volume. Numeric LEDs indicate control activation and channel. Features desk mic as well as panel-mounted speaker/electret mic for hands-free operation. Requires separately purchased termination panel. Black units are available.

No. Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1 CH	CPI Comm. MCR420 2 yrs.	For Kenwood TK630, TK730 and TK830 radios. Use with MCP400 termination panel	692.25 5 2.27	465.89 452.74 447.20

nination -Kenwood TK630/730/830

Termination panel interfaces the MCR410 to Kenwood TK630/730/830 radios. Connects to radio microphone jack. Also provides modular connection for phone line and jack for local Kenwood hand or desk mic. Features LED power and activity indicators and controls for line levels, testing for setup and line balance. Housed in rugged metal enclosure.

No. Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
2 H	CPI Comm. MCP400 1 yr.	For Kenwood TK630/730/830 radios	461.50 1.75 0.8	310.59 305.89 305.89

Remote for Kenwood TK780/880/980

462159

Phone-style remote provides all controls and indicators found on Kenwood TK780, 880, 980 series radios. Controls for system/group display, PTT, scan, monitor, intercom and volume. LCD displays of system and subfleet numbers and nine character user programmable channel name. Also provides privacy mode and increased audio output. Requires separately purchased termination panel. Radio becomes dedicated to remote operation. Dip-switch selectable 4-wire. Available in off-white or black colors.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30354 1 EACH	CPI Comm. TSR412A 2 yrs.	For Kenwood 80 series Use with TSP402 termination panel. Off-white color.	692.25 5 2.27	465.89 452.74 447.20
462159 1 EACH	CPI Comm. TSR412A-BK-DE 2 yrs.	For Kenwood 80 series Use with TSP402 termination panel. Black color.	807.75 5 2.27	543.62 528.27 521.81

Termination Panel-Kenwood 780/880/980

30408

Termination panel interfaces the TSR412A to Kenwood TK780, 880,980 radios. Features LED power and activity indicators, and controls for line levels, testing for setup, and line balance. Connects to radio's KCT19 accessory connector. Radio becomes dedicated to remote operation. Housed in rugged metal enclosure.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30408 1 EACH	CPI Comm. TSP402 2 yr.	For use with TSR412A for Kenwood TK780/880/980 radios. Can handle up to 50 remotes.	461.50 1.57 0.71	310.59 301.83 298.13

Remote for Kenwood TK690/790/890

Phone-style remote provides all controls and indicators found on Kenwood TK790, 890 radios. Controls are for channel up/down PTT, scan, monitor, intercom and volume. Numeric LEDs indicate control activation and channel. Features handset as well as panel-mounted speaker/electret mic for hands-free operation. Radio becomes dedicated to remote operation. Dip-switch selectable 4-wire. Requires separately purchased termination panel. Black units are available.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
17726 1 EACH	CPI Comm. MCR411 ALPHA 2 yrs.	For Kenwood TK690, 790, 890 series radios. Adds LCD display of channel number and nine character user programmable channel name, privacy mode and select button. Use with MCP401 termination panel	692.25 5 2.27	465.89 452.74 447.20

Termination -Kenwood TK690/790/890

Termination panel interfaces the MCR411A to Kenwood TK690, 790, 890 radios. Connects to radio DB25 accessory connector.. Also provides modular connection for phone line and jack for local Midland hand or desk mic. Features LED power and activity indicators, and controls for line levels, testing for setup, and line balance. Housed in rugged metal enclosure.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
17761 1 EACH	CPI Comm. MCP401 1 yr.	For Kenwood TK690, 790, 890 radios	461.50 1.6 0.73	310.59 301.83 298.13

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Remote for Kenwood TK840/940/941

32731

Phone-style remote provides all controls and indicators found on Kenwood TK880, 980 radios. Controls for system/group display, PTT, scan, monitor, intercom and volume. LCD displays of system and subfleet numbers and ten character user programmable channel name. Also provides privacy mode and increased audio output. Radio becomes dedicated to remote operation. Requires separately purchased termination panel. Black units are available.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
32731 1 EACH	CPI Comm. TSR411A 2 yrs.	For Kenwood TK840/940/941 Use with TSP401 termination panel	692.25 5 2.27	465.89 452.74 447.20

Termination -Kenwood TK840,940,941

71124

Termination panel interfaces the TSR411A to Kenwood TK840, 940, 941 radios. Connects to radio via KCT19 accessory connector. Features LED power and activity indicators and controls for line levels, testing for setup and line balance. Housed in rugged metal enclosure.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
71124 1 EACH	CPI Comm. TSP401 2 yr.	For Kenwood TK840,940,941 radios	461.50 2 0.91	310.59 301.83 298.13

Remote for Kenwood TK840/940/941

414066

Trunking Deskset provides remote control of Kenwood TK840, TK940, TK941 trunking radios. Features: full duplex capable with 2 or 4 wire, intercom and privacy function, internal mic and speaker, integrated paging encode, frequency/function and page aliasing, programmable voice delay, connections for accessories. REQUIRES: XAC0007A programming software and XAC0004A programming cable.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
414066 1 EACH	Gai-Tronics ITD2000A 1 Year	Trunking deskset for Kenwood TK840/TK940/TK941. Features integrated paging encode, frequency/function and page aliasing, intercom and privacy function, programmable voice delay, full duplex capability with 2 or 4 wire, internal mic and speaker, DTMF keypad, and PC programmable. Use with ITP2000A	750.00 3.5 1.59	800.00 700.00 620.00

Termination -Kenwood TK840/940/941

412011

Termination panel interfaces the ITD2000A Trunking Deskset with Kenwood TK840, TK940, TK941 trunking radios.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
412011 1 EACH	Gai-Tronics ITP2000A 1 Year	Interfaces ITD2000A to Kenwood TK840/940/941 trunking radios. Use with ITD2000A.	650.00 1.5 0.68	520.00 455.00 403.00

Remote - Kenwood TK780/880/980/981

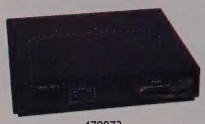
411084

The ITD3000A Trunking Deskset provides remote control Kenwood TK780/880/980/981 radios. The deskset can fully duplicate all functions on the front panel of the radio. The ITD3000A features:

- Integrated paging encode
- Frequency/function and page aliasing
- DTMF paging
- Intercom and privacy function
- Programmable voice delay
- Full duplex capability with 2 or 4 wire
- Internal microphone and speaker
- PC programmability. REQUIRES XAC0007A software and XAC0004A cable.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
411084 1 EACH	Gai-Tronics ITD3000A 1 Year	Trunking deskset for Kenwood TK780/880/980/981 only. Features integrated paging encode, frequency/function and page aliasing, intercom and privacy function, programmable voice delay, full duplex capability with 2 or 4 wire, internal mic and speaker, DTMF keypad, and PC programmable. Use with ITP3000A	1,300.00 3 1.36	1,0 91 80

Termination - Kenwood TK780/880/980



478073

Termination panel interfaces the ITD3000A Trunking Desk with Kenwood TK780, TK880, TK980, TK981 trunking rad

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
478073 1 EACH	Gai-Tronics ITP3000A 1 Year	Interfaces ITD3000A to Kenwood TK780/880/980/981 trunking radios. Use with ITD3000A.	650.00 1.5 0.68	52 45 40

RF Call Box

484362 470395

GAI-Tronics RF Callboxes provides access to two-way radio tems. Housed in a weatherproof, vandal-resistant enclosure ideal for both public access and industrial applications inclu schools, hospitals, airports, parks, pools, golf courses, entry g warehouses, construction, security and public safety. Both th handset and push-button versions allow the user to TX and over a single VHF or UHF radio channel.

- Two-way Radio Control
- VHF/ UHF Applications
- Handset and Push-button Models
- Weatherproof Enclosure
- Vandal-resistant Design
- Wall or Pole Mounting (optional)
- 12VDC Battery Operation (Solar or external p supply options)
- Low Profile Antenna
- PC Programmable
- DTMF ANI Reporting
- Required: Programming Software and Frequenc Kit. T25 Torx screwdriver is needed to access t

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 484362 1 EACH	Gai-Tronics CB191	Weatherproof handset RF call box. Programming software and frequency kit required	945.00 10.5 4.77	79 66 53
NEW 470395 1 EACH	Gai-Tronics CB190 1 Year	Weatherproof yellow pushbutton RF call box. Programming software and frequency kit required.	790.00 10.5 4.77	62 52 40

RF Call Box Accessories

GAI-TRONICS® A Hubbell Company

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 467399 1 EACH	Gai-Tronics FK200 1 Year	154-156 MHz frequency kit for RF call boxes. Includes 12VDC 1.2Ah battery, RF module and antenna.	695.00 3 1.36	4 4 3
NEW 479397 1 EACH	Gai-Tronics FK300 1 Year	420-430 MHz frequency kit for RF call boxes. Includes 12VDC 1.2Ah battery, RF module and antenna.	695.00 3 1.36	4 4 3
NEW 471389 1 EACH	Gai-Tronics FK400 1 Year	450-465 MHz frequency kit for RF call boxes. Includes 12VDC 1.2Ah battery, RF module and antenna.	695.00 3 1.36	4 4 3

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nuing product table (2 of 2)

No. Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 386 ACH	Gai-Tronics PP1901 1 Year	Programming package for RF call boxes. Includes RF Module RIB box, programming cable, adapters, and software.	225.00 3 1.36	180.00 157.50 139.50
EW 378 ACH	Gai-Tronics SPK100 1 Year	Solar panel kit for RF call box. Includes solar panel, mounting bracket, mounting hardware for up to 4" pole, power regulator modules and 50' cable.	415.00 5 2.27	332.00 290.50 257.30
EW 396 CH	Gai-Tronics PS15VDC 1 Year	RF call box power supply. Protective or weatherproof enclosure may be required. 15 VDC output, 85-264 VAC input.	135.00 5 2.27	108.00 94.50 83.70
EW 330 CH	Gai-Tronics 230 1 Year	Pole mount kit for CB191 handset RF call box.	130.00 10 4.54	104.00 91.00 80.60
EW 384 CH	Gai-Tronics 231 1 Year	Pole mount kit for CB190 pushbutton RF call box.	130.00 10 4.54	104.00 91.00 80.60

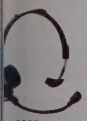
Remote Cable and Footswitches [100-88]

dio Accessory Box

10581

69540

69585



69595

Audio Accessory Box allows all GAI-Tronics remote desksets to connect to hands-free accessories including headsets, desk microphones, gooseneck microphones and footswitches. It uses industry standard plug-in connections. Desk set PTT and monitor can be initiated from the paddle on the desk mic or footswitch. Provides the flexibility to constantly change microphones as dispatchers change shifts and preferences. Radio interconnect ports also allow it to connect directly to most Motorola or Kenwood radios. The telephone interface (option, SKU 69565) allows dispatchers to communicate over both a telephone and GAI-Tronics deskset with a single headset. Compact size easily fits into most set-ups. The top cover can double as a bracket for mounting the unit under a desktop.

o. om	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1 CH	Gai-Tronics XAAB001A 1 Year	Audio Accessory Box allows addition of mic, foot switch, and headset. No telephone interface (see sku 69565 for tel interface).	300.00 2.5 1.14	261.90 221.40 195.00
5 CH	Gai-Tronics XAAB001A-TL 1 Year	Audio Accessory Box with Telephone Interface. (See sku 10581 for unit w/o tel interface)	350.00 3.25 1.48	305.55 258.30 227.50
0 H	Gai-Tronics XDM002A 1 Year	Desk Microphone with 8 pin modular connection. Provides PTT and monitor in a sleek compact design.	75.00 2 0.91	65.48 55.35 48.75
2 H	Gai-Tronics XGM002A 1 Year	Gooseneck Microphone. For use with Audio Accessory Box (10581). Provides clear hands-free voice transmission.	75.00 2 0.91	65.48 55.35 48.75
5 H	Gai-Tronics XFS002A 1 Year	Footswitch. For use with Audio Accessory Box (10581). Sturdy, cast-aluminum dual-peddle footswitch is ideal for controlling the deskset when using headset, gooseneck or internal microphone.	189.00 2 0.91	174.60 147.60 130.00
5 H	Gai-Tronics XHS002A 1 Year	Headset. For use with Audio Accessory Box (10581). Single ear piece with flexible boom microphone.	50.00 1 0.45	43.65 36.90 32.50

les for Local Extensions

298

87905

Multiconductor cables are perfect for use with local extensions. See Tab 4 section 625/37 for other cables.

. n	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
T	Belden 9421 1 yr.	8 conductor unshielded cable. 22 gage, stranded 7x30 copper conductors. PVC insulated and jacketed.	0.30 0.04 0.02	0.22 0.21 0.19
T	Belden 9538 1 yr.	8 conductor shielded cable. 24 gage, stranded 7x32 copper conductors. Beldfoil 100% shield coverage, PVC insulated and jacketed.	0.35 0.04 0.02	0.26 0.24 0.23

Footswitches

57149

18324

95542

Footswitches for use with remote controls, consoles or other equipment.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, term. Panel/ Remote	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
57149 1 EACH	CPI Comm. 244-0070-001 1 yr.	Dual-pole, dual-throw footswitch. Six contacts (two sets of common, normally-open, and normally-closed). Heavy duty. Cable not included.	58.50 1 0.45	39.38 38.26 37.80
18324 1 EACH	CPI Comm. FS 1 yr.	Dual-pole, dual-throw footswitch. Six contacts (two sets of common, normally-open, and normally-closed). Heavy duty. Includes pre-wired cable for CPI console-style remotes.	69.25 1 0.45	46.61 45.29 44.74
95542 1 EACH	GC/Waldom N4-040 1 yr.	Single-pole, single-throw (SPST) footswitch. Normally-open contacts. Includes 4' cable with 2.5mm sub-mini connector.	20.10 1 0.45	18.77 17.46 17.09

Public Address Amplifiers [220-53]

If you are buying these, you'll need:

Automotive Hookup Wire . . . . . page 1762

20 Watt Mobile PA Amplifier

78696

DC powered amplifier plugs into cigarette lighter. Includes push-to-talk microphone, mounting bracket and hardware for permanent attachment and also suction cups for portable dashboard mounting. Inputs include microphone and auxiliary input for other sources.

- 20 Watts
- Input- 1 Mic, 1 Aux
- Controls- Tone, Aux, Volume, Power, On/Off
- Sensitivity- Mic 2 mV, Aux 200 mV

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Output Impedance Freq. Range	Power Sources	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
78696 1 EACH	CSI/Speco PAT20 90 days	8 ohm 50-18,000	12 VDC	98.50 1.97 0.9	57.13 56.15 55.16

10 Watt PA Amplifier

52268

Amplifier functions with your AC or DC supply and offers four controlled inputs: two microphone and two auxiliary. Features heavy-duty adjustable chrome plated mounting bracket and AC/DC fuse protection. Order microphone separately.

- 10 Watts RMS
- Inputs- 2 Mic, 1 Aux
- Controls- 2 Mic, Aux, Tone On/Off
- Sensitivity- Mic 2 mV, Aux 150 mV
- Output- 4, 8, 16 Ohm/ 25 & 70V Line

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Output Impedance Freq. Range	Power Sources	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
52268 1 EACH	CSI/Speco PAT30 90 days	4,8,16 ohms 70-18000	117V 50/60 Hz 12V mobile, 25V & 70V line	188.95 8.8 4	109.60 107.71 105.82

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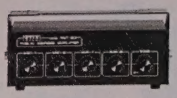
Speakers, Public Address

LMR Premise Equipment

20 Watt PA Amplifier



58022

Amplifier is powered by either your AC or DC supply and offers four controllable inputs: two microphone and two auxiliary. Features heavy duty adjustable chrome plated mounting bracket and AC/DC fuse protection. Order microphone separately.

- 20 Watts RMS
- Input- 2 Mic, 2 Aux
- Controls- 2 Mic, 2 Aux, Tone, On/Off
- Sensitivity- Mic 2 mV, Aux 100 mV
- Output- 4, 8, 16 Ohm & 70V line

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Output Impedance Freq. Range	Power Sources	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
58022 1 EACH	CSI/Speco PAT60 90 days	4,8,16 ohms 100-18000	117V 50/60 Hz, 220/240 12V mobile, 25 & 70V line	255.15 9.6 4.36	147.99 145.44 142.89

PA Background Amplifiers- 15 and 30 Watt

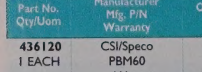
496161

CSI's Contractor Amplifier series are a cost effective solution for many commercial applications including restaurants, hotels and offices.

- Two Terminal Strip Microphone Inputs
- Auxillary Input
- Front Panel Level and Tone Controls
- VOX Auto Mute Function
- 25V/ 70V- 4/8/16 Ohm Outputs
- Auto Summing Stereo AUX Input
- Music On Hold Output with Level Control
- 600 Ohm Telephone Input with Level Control
- Manual Muting Contacts
- Accessory AC Outlet
- 10.7 W x 3.5 H x 9.4 D
- UL Listed, CSA Approved

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Output Impedance Freq. Range	Power Sources	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
496161 1 EACH	CSI/Speco PBM15 1 Year	4, 8, 16 ohms na	15 Watt RMS	228.50 12 5.45	132.53 130.25 127.96
428106 1 EACH	CSI/Speco PBM30 1 Year	4, 8, 16 ohms na	30 Watt RMS	264.50 13 5.91	153.41 150.77 148.12

PA Background Amplifiers-60 and 120 Watt



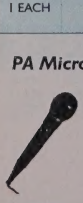
436120

CSI's Contractor Amplifier series are a cost effective solution for many commercial applications including restaurants, hotels and offices.

- Three Terminal Strip Microphone Inputs
- Auxillary Input
- XLR Connector
- Front Panel Level and Tone Controls
- VOX Auto Mute Function
- 25V/ 70V- 4/8/16 Ohm Outputs
- Auto Summing Stereo AUX Input
- Music On Hold Output with Level Control
- 600 Ohm Telephone Input with Level Control
- Manual Muting Contacts
- Accessory AC Outlet
- 19.9 W x 3.5 H x 11.8 D
- UL Listed, CSA Approved

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Output Impedance Freq. Range	Power Sources	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
436120 1 EACH	CSI/Speco PBM60 1 Year	4, 8, 16 ohms na	60 Watt RMS	519.75 17 7.73	301.46 296.26 291.06
462132 1 EACH	CSI/Speco PBM120 1 Year	4, 8, 16 ohms na	120 Watt RMS	687.05 18.7 8.5	398.49 391.62 384.75

PA Microphone



29566

Unidirectional dynamic-transducer type microphone with 10 ft. cord and 1/4" phono plug. Features black ABS plastic case. NO on/off switch.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Output Impedance Freq. Range	Power Sources	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
29566 1 EACH	CSI/Speco ML-2 90 days	600 ohm na	none none	16.95 1 0.45	9.84 9.67 9.50
NEW 469338 1 EACH	CSI/Speco ML-4 90 days	600 ohm na	none	66.25 1 0.45	38.43 37.77 37.10

Microphones for PA Amplifiers

57438

Replacement microphone features push-to-talk button and 1/4" phone plug attached cable. Used with PAT series PA amplifiers.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Output Impedance Freq. Range	Power Sources	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
57438 1 EACH	CSI/Speco DM520P 90 days	500 ohm N/A	None	16.95 1 0.45	9. 9. 9.

Headset/ Microphone

71259

Dynamic boom microphone headset. Features adjustable headband, unidir tional mic, 250 ohms, 5' cord with 3.5mm miniplug.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Output Impedance Freq. Range	Power Sources	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
71259 1 EACH	CSI/Speco MBM-3 90 days	250 ohm 200-4000 Hz	none none	21.75 1 0.45	1 1 1

Speakers [220-54]

If you are buying these, you'll need:

Pencil Soldering Irons, Soldering Gun . . . . . page 16
Bullet Connectors . . . . . page 17
Automotive Hookup Wire . . . . . page 17
Speaker Wire and Zip Cords . . . . . page 17
Machine Screws . . . . . page 17

Extension Speakers

32809

Deluxe professional communications extension speaker features a r angle mounting bracket, controlled speech frequency respopnse (70 2000 Hz) automatically limits background noise, soft padded grille a ft. cord with 3.5mm mini plug.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Power Impedance (Ohms)	Material Size	Freq. Range (Hz) Sensitivity	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
32809 1 EACH	CSI/Speco CBS4 2 yrs.	10 W 8 ohm	ABS plastic 4"	700-2,000 na	26.50 1.5 0.68	1 1 1

Extension Speakers

98875

Mighty Mini professional communications speaker includes bracket with net, 7' cord, and mini plug.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Power Impedance (Ohms)	Material Size	Freq. Range (Hz) Sensitivity	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
98875 1 EACH	CSI/Speco CBS100 2 yrs.	5 W 8 ohm	ABS plastic 2.75" x 3"	na na	13.75 0.44 0.2	

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nplified Extension Speakers

44774

Amplified professional communications extension speaker features swivel bracket for all angles, padded grille, 10 ft. cord and 3.5mm mini plug. Requires 12 VDC supply. 4.75H x 5.75W x 2.5D

No. Jom	Manufacturer Mfg. P/N Warranty	Power Impedance (Ohms)	Material Size	Freq. Range (Hz) Sensitivity	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
74 CH	CSI/Speco AES4 2 yrs.	10 W 8 ohm	ABS plastic 4"	na na	53.95 1.7 0.77	31.30 30.76 30.22

Horns

18346

61735

Rectangular PA horns available with either ABS plastic or aluminum cases. Feature weatherproof design and tilting mounting bracket.

No. Jom	Manufacturer Mfg. P/N Warranty	Power Impedance (Ohms)	Material Size	Freq. Range (Hz) Sensitivity	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
84 CH	CSI/Speco SPC15R 2 yrs.	25 W 8 ohm	Aluminum 5" X 8"	200-15,000 110 dB	41.50 2.35 1.07	24.07 23.66 23.24
77 CH	CSI/Speco SPC15RP 2 yrs.	30 W 8 ohm	ABS plastic 5" X 8"	200-15k 105 dB	26.50 3.22 1.46	15.37 15.11 14.84
95 CH	CSI/Speco SPC40RP 2 yrs.	40 W 8 ohm	ABS plastic 6.5" X 11"	200-15k 120 dB	32.95 4.94 2.25	19.12 18.79 18.46
46 CH	CSI/Speco SPC60RP 2 yrs.	60 W 8 ohm	ABS plastic 5" X 8"	200-15k 120 dB	52.75 3.26 1.48	30.60 30.07 29.54
35 CH	CSI/Speco SPC20R 2 yrs.	65 W 8 ohm	Aluminum 8" X 12"	150-15k 115 dB	82.95 3.5 1.59	48.12 47.29 46.46

Horns

9953

12626

Round PA horns available with either ABS plastic or aluminum cases. Feature weatherproof design and tilting mounting bracket.

No. om	Manufacturer Mfg. P/N Warranty	Power Impedance (Ohms)	Material Size	Freq. Range (Hz) Sensitivity	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
53 CH	CSI/Speco SPC5P 2 yrs.	12 W 8 ohm	ABS plastic 5"	300-15k 105 dB	11.25 1.2 0.55	6.53 6.42 6.30
26 CH	CSI/Speco SPC10/4 2 yrs.	15 W 4 ohm	Aluminum 6"	250-15k 105 dB	31.95 2.02 0.92	18.54 18.22 17.90
10 CH	CSI/Speco SPC10 2 yrs.	15 W 8 ohm	Aluminum 6"	250-15k 105 dB	31.95 2 0.91	18.54 18.22 17.90
8 CH	CSI/Speco SPC8 2 yrs.	15 W 8 ohm	Aluminum 5"	300-15k 105 dB	16.95 1.14 0.52	9.84 9.67 9.50
1 CH	CSI/Speco SPC15 2 yrs.	25 W 8 ohm	Aluminum 8"	200-15k 110 dB	39.75 2.46 1.12	23.06 22.66 22.26

Amplified PA Horns

23342

Amplified PA horn requires a 10-16 Vdc supply and operates with a 3 to 16 ohm input impedance. Features an ABS plastic case, weatherproof design and fuse protection.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Power Impedance (Ohms)	Material Size	Freq. Range (Hz) Sensitivity	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
23342 1 EACH	CSI/Speco ASPC20 2 yrs.	20 W 3-16 ohm.	ABS plastic 6"	500-5k na	86.95 2.55 1.16	50.44 49.57 48.70

PA Horns With Transformers

49770

PA horn features 70V line transformer and plastic case. Transformer taps: 15W/330 ohm, 7.5W/660 ohm, 10W/500 ohm, 5W/1000 ohm

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Power Impedance (Ohms)	Material Size	Freq. Range (Hz) Sensitivity	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
49770 1 EACH	CSI/Speco SPC15T 2 yrs.	30 W 8 ohm	Aluminum 8"	250-15k 120 dB	71.70 4.7 2.14	41.59 40.87 40.16

15" x 9" Rectangular Projector Horn

59880

15"x9" rectangular, aluminum, weatherproof projector horn. 12.75" deep, 120 x 60 degree dispersion, 250 Hz low end cutoff. PURCHASE DRIVER SEPARATELY.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Power Impedance (Ohms)	Material Size	Freq. Range (Hz) Sensitivity	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
59880 1 EACH	CSI/Speco SRH-159R 2 yrs.	N/A N/A	Aluminum Throat Dia. 1-3/ 8"	N/A N/A	58.50 2 0.91	33.93 33.35 32.76

16" Projector Horn

73094

16" aluminum weatherproof projector horn. 13.5" deep, 90 degree dispersion, and 250 Hz low end cutoff. PURCHASE DRIVER SEPARATELY.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Power Impedance (Ohms)	Material Size	Freq. Range (Hz) Sensitivity	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
73094 1 EACH	CSI/Speco SRH-16 2 yrs.	N/A N/A	Aluminum Throat Dia. 1-3/ 8"	N/A N/A	56.75 2 0.91	32.92 32.35 31.78

Universal Drivers

47915

50, 75, 100 watt universal drivers. Order projector horns separately.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Power Impedance (Ohms)	Material Size	Freq. Range (Hz) Sensitivity	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
47915 1 EACH	CSI/Speco SRD-50 2 yrs.	50 W RMS 16 Ohms	Aluminum Throat Dia. 1-3/ 8"	250-6000 Hz 110 dB	46.95 6 2.73	27.24 26.77 26.30

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Power Impedance (Ohms)	Material Size	Freq. Range (Hz) Sensitivity	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
86308 1 EACH	CSI/Speco SRD-75 2 yrs.	75 W RMS 16 Ohms	Aluminum Throat Dia. 1-3/8"	250-8000 Hz 110 dB	59.50 6 2.73	34.51 33.92 33.32
34701 1 EACH	CSI/Speco SRD-100 2 yrs.	100 W RMS 16 Ohms	Aluminum Throat Dia. 1-3/8"	250-8000 Hz 113 dB	68.00 9 4.09	39.44 38.76 38.08

Weatherproof Speakers

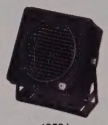
27661

Weatherproof surface mount communication/siren speaker. Features mylar cone with a 6 oz. ceramic magnet. Includes stainless hardware and 6" wire lead. 4 x 4 x 2.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Power Impedance (Ohms)	Material Size	Freq. Range (Hz) Sensitivity	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
27661 1 EACH	CSI/Speco SMS-35 2 yrs.	15 W 8 ohm	ABS plastic 3 1/2"	na na	14.95 0.9 0.41	8.68 8.53 8.38

Weatherproof Speakers

40875

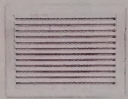


48521

Professional communications all weather marine speaker. Features 4" polypropylene cone, stainless steel hardware, and 10' cable with 3.5mm plug. 180 degree adjustable mounting bracket. 4.5 x 4.5 x 3.0.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Power Impedance (Ohms)	Material Size	Freq. Range (Hz) Sensitivity	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
40875 1 EACH	CSI/Speco CBS240W 2 yrs.	5 W 8 ohm	ABS plastic 4"	700-2k na	21.75 1.16 0.53	12.62 12.40 12.18
48521 1 EACH	CSI/Speco CBS240 2 yrs.	5 W 8 ohm	Black ABS 4"	700-2k na	18.95 1.4 0.64	11.00 10.81 10.62

Weatherproof Speakers



79268

Weatherproof flush mount communication/siren speaker. Features mylar cone with a 6 oz ceramic magnet. ABS grill with a snap on trim ring and stainless steel hardware. 6 3/8 x 5.0 rectangular grill. 1-3/8" depth.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Power Impedance (Ohms)	Material Size	Freq. Range (Hz) Sensitivity	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
79268 1 EACH	CSI/Speco FSG-35 2 yrs.	15 W 8 ohm	ABS plastic 6-3/8 X 5 X 1-3/8" *Includes grill.	na na	14.95 0.87 0.4	8.68 8.53 8.38

Mono Audio Level Control

42276

Monoaural single "L" pad with long threaded bushing for mounting in cabinets. Complete with knob and plate for mounting.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Power Impedance (Ohms)	Material Size	Freq. Range (Hz) Sensitivity	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
42276 1 EACH	CSI/Speco AT10 90 days	10 W 8 ohms	Heavy duty na	na na	6.50 0.14 0.06	3.77 3.71 3.64

Home Audio Speakers

44834 96441

2 way bass reflex speaker system with shielded mag Great for remote or surround sound applications. Fe tures polypropylene woofer and soft dome tweeter. Includes mounting brackets. Per pair.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Power Impedance (Ohms)	Material Size	Freq. Range (Hz) Sensitivity	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
44834 1 PAIR	CSI/Speco SP100W 2 year	45W RMS 8 ohm	White Composite 7.2Hx4.8Wx3.8 D	50-22KHz	103.95 8 3.64	60 59 58
96441 1 PAIR	CSI/Speco SP100 2 year	45W RMS 8 ohm	Black Composite 7.2Hx4.8Wx3.8 D	50-22KHz	103.95 9.32 4.24	60 59 58

Weatherproof Home Audio Speakers

80669

Completely weatherproof indoor/outdoor 3 way speakers. Polypropylene 4" woofer, 2" midrange and 1" dome tweeter. Comes complete with terminals, m ing brackets, speaker wire and all hardware. Per pair.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Power Impedance (Ohms)	Material Size	Freq. Range (Hz) Sensitivity	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
80669 1 PAIR	CSI/Speco DMS3P 2 year	30W RMS 4/8 ohm	Black Aluminum 7.2Hx4.5Wx4.4 D	55-20KHz	88.75 10 4.54	5 5 4

Bass Reflex Weatherproof Speakers

410008

Weatherproof high power bass reflex speakers. Features polyca woofer, 2" high efficiency mylar dome tweeter and stainless stee mounting hardware. Per pair.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Power Impedance (Ohms)	Material Size	Freq. Range (Hz) Sensitivity	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
88973 1 PAIR	CSI/Speco SP250W 2 year	60W RMS 8	White Plastic 9x6x5.5	40-22,000 5 1/4" Woofer	136.95 10 4.54	7 7 7
410008 1 PAIR	CSI/Speco SP50W 2 year	45W RMS 8	White Plastic 7.25x4.75x3.75	50-22,000 3 1/2" Woofer	90.75 8 3.64	5 5 5

All Environment Speakers

437050

All environment 2 way speakers for indoor and outdoor use. Features a styli weatherproof curved cabinet, aluminum adjustable u-style mounting bracket fine mesh aluminum grille. Per pair.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Power Impedance (Ohms)	Material Size	Freq. Range (Hz) Sensitivity	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
449093 1 PAIR	CSI/Speco SP450AE 2 year	30W RMS 8	Black Plastic 8.75x6.5x5.5	4" Woofer	120.00 10 4.54	6 6 6
438058 1 PAIR	CSI/Speco SP450AEW 2 year	30W RMS 8	White Plastic 8.75x6.5x5.5	4" Woofer	120.00 10 4.54	6 6 6
437050 1 PAIR	CSI/Speco SP500AE 2 year	40W RMS 8	Black Plastic 9.5x7.25x6.25	5.25" Woofer	157.85 11.1 5.04	9 8 8
413001 1 PAIR	CSI/Speco SP500AE/T 2 year	40W RMS 70V transformer	Black Plastic 9.5x7.25x6.25	5.25" Woofer	178.65 11.25 5.11	10 10 10

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NEW = New Listing. Pricing for reference
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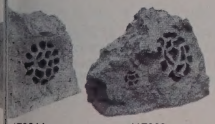
nuing product table (2 of 2)

No. Uom	Manufacturer Mfg. P/N Warranty	Power Impedance (Ohms)	Material Size	Freq. Range (Hz) Sensitivity	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1012 AIR	CSI/Speco SP500AEW 2 year	40W RMS 8	White Plastic 9.5x7.25x6.25	5.25" Woofer	157.85 11.2 5.09	91.56 89.98 88.40
1071 AIR	CSI/Speco SP500AEW/T 2 year	40W RMS 70V transformer	White Plastic 9.5x7.25x6.25	5.25" Woofer	178.65 11.25 5.11	103.62 101.84 100.05
1086 AIR	CSI/Speco SP600AE 2 year	50W RMS 8	Black Plastic 11.5x7.75x8.5	6.5" Woofer	187.60 14.75 6.7	108.81 106.94 105.06
1041 AIR	CSI/Speco SP600AEW 2 year	50W RMS 8	White Plastic 11.5x7.75x8.5	6.5" Woofer	187.60 12 5.45	108.81 106.94 105.06

ck Speakers



470066 467003

Rock speakers are designed to blend into your garden. These weatherproof speakers can withstand rain, sleet and snow and still deliver superior sound reproduction.

No. Uom	Manufacturer Mfg. P/N Warranty	Power Impedance (Ohms)	Material Size	Freq. Range (Hz) Sensitivity	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1007 CH	CSI/Speco SPRK6B 2 year	40W RMS 8	Brown/ Plastic NA	20-20000 6" Coaxial	114.00 8 3.64	66.12 64.98 63.84
1066 CH	CSI/Speco SPRK6G 2 year	40W RMS 8	Granite/ Plastic NA	20-20000 6" Coaxial	114.00 8 3.64	66.12 64.98 63.84
1007 CH	CSI/Speco SPRK8B 2 year	50W RMS 8	Brown/ Plastic NA	20-20000 2 Way, 8" Woofer	227.00 10 4.54	131.66 129.39 127.12
1003 CH	CSI/Speco SPRK8G 2 year	50W RMS 8	Granite/ Plastic NA	20-20000 2 Way, 8" Woofer	227.00 10 4.54	131.66 129.39 127.12

reo Speaker Selector

489191

- pendent control of up to 5 pairs
- atts RMS per channel
- o headhone jack for monitoring
- Impedance matching
- Circuit breaker protected
- 2.5 H x 8 W x 4 D

No. Uom	Manufacturer Mfg. P/N Warranty	Power Impedance (Ohms)	Material Size	Freq. Range (Hz) Sensitivity	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
191 CH	CSI/Speco SSB-5 90 days	50W RMS 8 ohm	2.5H x 8W x 4D	na na	63.95 1.5 0.68	37.10 36.46 35.82

reo Audio Level Control

66054

Stereo "L" pad with a single control. Long threaded bushing for mounting in cabinets. Complete with knob and mounting plate.

No. Uom	Manufacturer Mfg. P/N Warranty	Power Impedance (Ohms)	Material Size	Freq. Range (Hz) Sensitivity	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
14 CH	CSI/Speco AT10D 90 days	10W 8 ohms	Heavy duty na	na na	9.75 1 0.45	5.66 5.56 5.46
17 CH	CSI/Speco AT50D 90 days	50W 8 ohms	Heavy duty na	na na	12.25 1 0.45	7.11 6.99 6.86

Impedance Matching Volume Controls

476168

- Can be used with any combination of 4, 8 or 16 ohm speakers
- 12 steps of attenuation
- Mounts in single gang box
- Accepts up to 14 gauge wire
- Includes white plate and knob

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Power Impedance (Ohms)	Material Size	Freq. Range (Hz) Sensitivity	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
476168 1 EACH	CSI/Speco IMP-50D 90 days	50W RMS 4, 8, 16	na	35-20,000 na	52.00 1.5 0.68	30.16 29.64 29.12
423145 1 EACH	CSI/Speco IMP-100D 90 days	100W RMS 4, 8, 16	na	35-20,000 na	56.70 1.5 0.68	32.89 32.32 31.76

Megaphones, Sirens [220-60]

Megaphone With Siren

Solid state deluxe megaphone features a built-in selectable electronic alarm siren, pistol grip with press to talk switch, volume control and shoulder strap. Effective range is 800 feet. 9 1/8" bell diameter. 3 1/4 pounds without batteries. Requires 8 C batteries. 14.25" length. Weatherproof ABS plastic.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Maximum Power (Watts)	Tone	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
46023 1 EACH	CSI/Speco ER370 2 yrs.	16W	Selectable	147.50 4.55 2.07	85.55 84.08 82.60

Horn Alert Siren

Add to your mobile cellular phone to signal a call when outside of your vehicle.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Maximum Power (Watts)	Tone	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
18642 1 EACH	CSI/Speco SA-2P 1yr	150 ma draw	115 dB fast pitch chirp	11.25 0.16 0.07	8.72 8.44 8.39

Alarm Siren

4" alarm siren operates at 120 dB on 6 to 12 Vdc. Features weatherproof plastic construction.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Maximum Power (Watts)	Tone	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
92634 1 EACH	CSI/Speco SA4P 2 yrs.	20W	Warbling	17.75 1.12 0.51	10.30 10.12 9.94

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RF Power Amp, Lowband [020-20]

If you are buying these, you may need:

Digital Multimeters . . . . . page 1491
Automotive Hookup Wire. . . . . page 1762

Mobile Amplifiers

TPL mobile power amplifiers for medium duty cycle usage. Includes mechanical carrier operated relay to allow receive signal to bypass amp. Powered by 11-15VDC, negative ground. Maximum 1 dB insertion loss. Use with #10 DC power cable. Factory tuned. Frequency and input power is required when ordering.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Power Input (Watts) Power Output (Watts)	Frequency (MHz) Connectors	Current Draw (Amps) Duty Cycle (Percent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
95729 1 EACH	TPL PA1-1AC 5 years	1-4 20-40	35-50 UHF/f	8 100	428.60 4 1.82	308.57 300.00 291.43
82515 1 EACH	TPL PA1-1FE 5 years	15-30 80-120	35-50 UHF/f	16 100	603.60 4 1.82	434.57 422.50 410.43

RF Power Amp, VHF [020-41]

Mobile Amplifiers

TPL mobile amplifiers for medium duty usage. Includes mechanical carrier operated relay to allow receive signal to bypass amp. Powered by 11-15VDC, negative ground. Maximum 1 dB insertion loss. Use with #10 power cable.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Power Input (Watts) Power Output (Watts)	Frequency (MHz) Connectors	Current Draw (Amps) Duty Cycle (Percent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
42873 1 EACH	TPL PA3-1AC 5 yrs.	1-4 30-45	150-160 UHF/F	8 100	510.75 2.66 1.21	367.72 357.50 347.29
68052 1 EACH	TPL PA3-1AE 5 yrs.	1-4 80-140	150-160 UHF/F	4 40	758.95 3.76 1.71	546.43 531.26 516.08
NEW 486134 1 EACH	TPL PA3-1AE-6 5 yrs.	3-6 70-120	150-174 UHF/f	16 40	801.80 3.76 1.71	577.29 561.26 545.22
16788 1 EACH	TPL PA3-1DC 5 yrs.	8-15 30-45	150-174 UHF/f	6 100	432.15 3 1.36	311.15 302.50 293.86
80017 1 EACH	TPL PA3-1FE 5 yrs.	15-40 70-140W	150-160 UHF/F	14 100	621.45 3.57 1.62	447.43 435.01 422.58

RF Power Amp, UHF [020-51]

Mobile Amplifiers

TPL mobile amplifiers for medium duty usage. Includes mechanical carrier operated relay to allow receive signal to bypass amp. Powered by 11-15VDC, negative ground. Maximum 1 dB insertion loss. Use with #10 power cable.

Continuing product table (1 of 2)

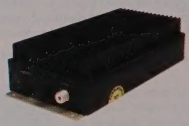
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Power Input (Watts) Power Output (Watts)	Frequency (MHz) Connectors	Current Draw (Amps) Duty Cycle (Percent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
78768 1 EACH	TPL PA6-1AB 5 yrs.	1-4 10-25	450-470 UHF/f	4 70	494.65 1.94 0.88	356.15 346.25 336.36
27161 1 EACH	TPL PA6-1AC 5 yrs.	1-4 25-50	450-470 UHF/f	8 50	650.00 3.73 1.7	468.00 455.00 442.00

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Power Input (Watts) Power Output (Watts)	Frequency (MHz) Connectors	Current Draw (Amps) Duty Cycle (Percent)	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
52340 1 EACH	TPL PA6-1AE 5 yrs.	1-4 70-100	450-470 UHF/f	20 40	989.30 5.97 2.71	712 692 672
64305 1 EACH	TPL PA6-1BE 5 yrs.	8-15 70-100	450-470 UHF/f	16 40	880.40 5.07 2.3	633 616 598
63056 1 EACH	TPL PA6-1FE 5 yrs.	15-40 70-100	450-470 UHF/f	15 40	710.75 5.61 2.55	511 497 483

RF Power Amp, 800 MHz [020-54]

Mobile Amplifiers



TPL mobile amplifiers for medium duty usage. Includes so state carrier operated relay to allow receive signal to byp amp. Powered by 11-15VDC, negative ground. Maximum dB insertion loss. Use with #10 power cable.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Power Input (Watts) Power Output (Watts)	Frequency (MHz) Connectors	Current Draw (Amps) Duty Cycle (Percent)	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
97838 1 EACH	TPL PA8-1AB 5 yrs.	2-5 20-35	806-866 N/f	7 100	912.50 4 1.82	657 638 620
23414 1 EACH	TPL PA8-1AC 5 yrs.	1-5 35-75	806-866 N/f	16 60	1,517.90 4 1.82	1,09 1,06 1,03
48593 1 EACH	TPL PA8-1DD 5 yrs.	5-15 60-80	806-866 N/f	18 50	1,505.40 4.92 2.24	1,08 1,05 1,02

DC to AC Power Inverters [090-10]

If you are buying these, you may need:

AGU Style Fuses . . . . . page 172
Automotive Hookup Wire . . . . . page 176

Standard Inverters

75796

LapPower is built to handle fax machines, laptop computers and cell phone chargers. Small size stores in your glove compartment. Modif sine wave output. One AC outlet. Rugged lightweight metal case wi cigarette lighter plug.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input (VDC) Output (VAC)	Watts (Continuous) Watts (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
75796 1 EACH	Tripp Lite PV125 1 yr	12 117	125 175	67.00 3 1.36	58 56 55

Standard Inverters

85013

Standard inverters easily run most household appliances. The PV series op ates wherever 12 volt power is available. Ideal for vans, RV truck, campers boats. Modified sine wave output. Single 15 AMP outlet.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input (VDC) Output (VAC)	Watts (Continuous) Watts (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
85013 1 EACH	Tripp Lite PV400 1 yr	12 117	400 600	133.00 8.95 4.07	117 115 113

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ron Portable Inverters

22548 55126

Astron inverters provide continuous, portable AC power from the 12-volt DC socket in your vehicle, boat, or RV. Designed for recreational and mobile office applications, these inverters provide reliable power for work or leisure. They feature:

- DC input to 115 VAC output
- ated output
- Temperature and overload protection

o. m	Manufacturer Mfg. P/N Warranty	Input (VDC) Output (VAC)	Watts (Continuous) Watts (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
8 H	Astron PI-50W	10-15 115	50 50	63.00 0.5 0.23	42.12 38.51 37.80
1 H	Astron PI150W 1 yr	10-15 115	150 200	85.15 1.56 0.71	56.91 52.02 51.07
6 H	Astron PI250W	10-15 115	200 500	146.95 1.95 0.89	98.25 89.81 88.17

nlex Portable Inverters

26046 74027 52385

ex inverters provide AC power anywhere you have a 12VDC source such as car, boat, or er. Perfect to power battery chargers, notebook computers, fax machines, etc. These ters feature:

- fficiency
- ied sine wave output voltage
- C input and 115 VAC output
- oad protection
- Low battery alarm / shut down
- Low idle power draw <0.05 Amps
- Cigarette lighter input connector
- Compact and light weight

o. m	Manufacturer Mfg. P/N Warranty	Input (VDC) Output (VAC)	Watts (Continuous) Watts (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
6 H	Samlex America SI50HP	10-15 115	50 50	35.10 1 0.45	25.57 25.06 24.55
7 H	Samlex America SI140HP 1 year	10-15 115	140 300	50.95 1.61 0.73	37.14 36.40 35.66
5 H	Samlex America SI300HP 1 yr	10-15 115	300 600	80.35 3.5 1.59	58.57 57.40 56.23

table Inverters

38117 76510 427061

Lite PowerVerter models provide AC power from a 12VDC source via cigarette lighter on PV140 (38117) and PV300 (76510) and battery clips on PV500 (427061). Packing reli- echnology into a durable, lightweight housing, they provide solutions for all mobile power ations. PowerVerters feature:

- sinusoidal phase-corrected waveform
- 90% efficiency
- attery alarm / automatic shutdown
- Easily-replaceable external fuses
- Durable aluminum housing
- Illuminated on/off switch

o. m	Manufacturer Mfg. P/N Warranty	Input (VDC) Output (VAC)	Watts (Continuous) Watts (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
7 H	Tripp Lite PV140 1 Year	10-15 115	140 200	42.00 1.5 0.68	36.96 35.70 35.07
0 H	Tripp Lite PV300 1 Year	10-15 115	300 500	65.00 3 1.36	57.20 55.25 54.28
1 H	Tripp Lite PV500 1 yr	12 120	500 800	119.00 3.5 1.59	104.72 101.15 99.37

Xantrex Portable Inverters

47395 448080 435078

Xantrex (formally StatPower) PROwatt inverters provide continuous, portable AC power from the 12-volt DC socket in your vehicle, boat, or RV. Designed for recreational and mobile office applications, these inverters provide reliable power for work or leisure. They feature:

- 12 VDC input and 115 VAC output
- Regulated output to protect sensitive equipment
- Automatic shutdown
- Totally silent operation

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input (VDC) Output (VAC)	Watts (Continuous) Watts (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
47395 1 EACH	Xantrex Technology NOTEPOWER PW50 1 Year	10-15 115	50 50	40.00 0.58 0.26	38.92 37.52 36.96
59908 1 EACH	Xantrex Technology NOTEPOWER 75 1 year	10-15 115	70 150	66.00 1 0.45	64.22 61.91 60.99
448080 1 EACH	Xantrex Technology PROWATT 150 1 year	10-15 115	150 200	40.00 1.3 0.59	38.92 37.52 36.96
19423 1 EACH	Xantrex Technology PROWATT 250/24V 1 year	20-30 115	225 500	136.00 2.5 1.14	136.00 132.74 129.48
435078 1 EACH	Xantrex Technology PROWATT 300 1 year	10-15 115	300 500	60.00 1.8 0.82	58.38 56.28 55.44

Portawattz Inverters

73876 495121

Xantrex 's PortaWattz invertersallow you to run electronic equipment from a 12 VDC source. Lightweight, quasi-sinusoidal waveform, low voltage alarms and cutoff. Same features as the Xantrex PROwatt series but at a more economical cost. Dual outlets on 73876 and 495121. Triple outlets on 60662, 99055 and 495121.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input (VDC) Output (VAC)	Watts (Continuous) Watts (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
457096 1 EACH	Xantrex Technology PORTAWATTZ 150 6 mo	10-15 115	150 200	39.95 1.5 0.68	38.88 37.48 36.92
73876 1 EACH	Xantrex Technology PORTAWATTZ 300 6 mo	10-15 115	300 500	49.95 1.25 0.57	48.61 46.86 46.16
495121 1 EACH	Xantrex Technology PORTAWATTZ 600 6 mo	10-15 115	600 1200	109.00 4.5 2.05	106.06 102.25 100.72
60662 1 EACH	Xantrex Technology PORTAWATTZ1000 6 mo	10-15 115	800 2000	269.95 5.5 2.5	269.95 263.48 257.00
99055 1 EACH	Xantrex Technology PORTAWATTZ1758 6 mo	10-15 115	1500 3000	489.95 5.5 2.5	489.95 478.20 466.44
441120 1 EACH	Xantrex Technology PORTAWATTZ 3000 6 mo	10-15 115	2500 5000	599.95 20 9.09	599.95 585.56 571.16

Astron Heavy Duty Inverters

95272 34513

Astron inverters supply continuous, portable AC power from any 12-volt DC source including your vehicle, boat, or RV. Designed for recreational and mobile office applications, these inverters provide reliable power for work or leisure. They feature:

- 12 VDC input to 115 VAC output
- Regulated output
- Over temperature and overload protection

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input (VDC) Output (VAC)	Watts (Continuous) Watts (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
95272 1 EACH	Astron PI800WGFI 1 yr	10-15 115, two outlets.	800 1000	503.95 5.5 2.5	336.93 307.98 302.37

Vehicular Equipment

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input (VDC) Output (VAC)	Watts (Continuous) Watts (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
34650 1 EACH	Astron PI1500W 1 yr	10-15 115, two outlets.	1500 2000	880.85 15 6.82	588.90 538.32 528.50
34513 1 EACH	Astron PI2500W 1 yr	10-15 115	2400 3000	1,204.00 24 10.91	804.96 735.82 722.40

Samlex Heavy Duty Inverters

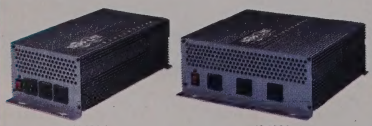
37659 89618

Samlex inverters provide AC power anywhere you have a 12VDC source including car, boat, or camper. Perfect to power home electronics, computers, monitors, or tools. They feature:

- Switching mode design
- Modified sine wave output
- 12VDC input and 115VAC output
- Overload protection
- Low battery alarm / shut down
- Low idle power draw <0.05 Amps
- Configured to enable hardwiring to multiple outlets

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input (VDC) Output (VAC)	Watts (Continuous) Watts (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37659 1 EACH	Samlex America PSE1260A 1 yr	10-15 115	600 1000	156.75 3.75 1.7	114.29 112.01 109.72
37676 1 EACH	Samlex America PSE24100A 1 yr	20-30 115	1000 2000	431.05 9.05 4.11	314.29 308.01 301.72
63959 1 EACH	Samlex America PSE12100A 1 yr	10-15 115	1000 2000	350.70 7.3 3.32	255.71 250.60 245.49
37666 1 EACH	Samlex America PSE12150A 1 yr	10-15 115	1500 3000	450.65 12 5.45	328.57 322.00 315.43
89618 1 EACH	Samlex America PSE12250A 1 yr	10-15 115	2500 4500	773.90 20 9.09	564.29 553.01 541.72

Heavy Duty Inverters



464014 426090

Tripp Lite PowerVerter models provide AC power from a 12VDC source including your car, truck, RV or boat. Packing reliable technology into a durable, lightweight housing, they provide solutions for all mobile power applications. PowerVerters feature:

- Quasi-sinusoidal phase-corrected waveform
- Up to 90% efficiency
- Fans allowing cool, continuous operation
- Low battery alarm / automatic shutdown
- Easily-replaceable external fuses
- Durable aluminum housing
- Illuminated on/off switch

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input (VDC) Output (VAC)	Watts (Continuous) Watts (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
464014 1 EACH	Tripp Lite PV1000HF 1 Year	10-15 115	1000 1500	285.00 5.5 2.5	250.80 242.25 237.98
426090 1 EACH	Tripp Lite PV1800HF 1 Year	10-15 115	1800 2700	395.00 7.5 3.41	347.60 335.75 329.83

Xantrex Heavy Duty Inverters

427038 68191 46773

Xantrex inverters provide continuous, portable AC power from any 12-volt DC source in ing your vehicle, boat, or RV. Designed for recreational and mobile office applications, these inverters provide reliable power for work or leisure. They feature:

- 12VDC input and 115VAC output
- Regulated output to protect sensitive equipment
- Automatic shutdown
- Totally silent operation
- Easy installation

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input (VDC) Output (VAC)	Watts (Continuous) Watts (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
427038 1 EACH	Xantrex Technology PROWATT 600 1 year	10-15 115	600 1200	130.00 4.5 2.05	13 12 12
71030 1 EACH	Xantrex Technology PROWATT 800/24V 1 year	20-30 115	800 1000	630.00 7.62 3.46	63 61 59
68191 1 EACH	Xantrex Technology PROWATT 1500 24V 1 year	20-30 115	1500 2000	850.00 8 3.64	85 82 80
429048 1 EACH	Xantrex Technology PROWATT 3000 1 Year	10-15 115	2500 5000	800.00 20 9.09	80 78 76
46773 1 EACH	Xantrex Technology RS-100 1 year	N/A N/A	Remote Switch	25.00 0.3 0.14	25 24 23

Inverters w/GFCI Outlets & Remote

463087

Allows you to run electronic equipment from a 12VDC source. Lightweight quasi-sinusoidal, phase corrected outp runs computers, stereos, TV's, microwaves and small refrig tors (1/2 to 3/4 hp). LED bar graph's display power being d and battery charge status. Includes GFCI outlets and remo on/off switches.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input (VDC) Output (VAC)	Watts (Continuous) Watts (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
489089 1 EACH	Xantrex Technology PROWATT 1000/ GFCI 1 Year	10-15 115	800 2000	300.00 5.2 2.36	300 292 285
463087 1 EACH	Xantrex Technology PROWATT1750/ GFCI 1 year	10-15 115	1500 3000	460.00 8.5 3.86	460 448 437

Modified Sine Wave Peak Inverters

74870 74907

PowerVerter Plus models feature 200% peak ou for motor-driven equipment. LEDs monitor batt and load condition. High-efficiency operation co serves batteries for longer runtimes. All models have frequency-control, modified sine wave outp and automatic voltage regulation to provide ope ing stability for sensitive equipment. The PV2000 (74907) and PV2400FC (74909) are compatible the APSRM (413011) for remote control.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input (VDC) Output (VAC)	Watts (Continuous) Watts (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
74870 1 EACH	Tripp Lite PV500FC 1 yr	12 120	500 1000	255.00 15 6.82	224 216 217
74888 1 EACH	Tripp Lite PV1000FC	12 120	1000 2000	318.00 21.6 9.82	275 270 265
74907 1 EACH	Tripp Lite PV2000FC	12 120	2000 4000	529.00 38 17.27	465 449 441
74909 1 EACH	Tripp Lite PV2400FC 1 yr	24 120	2400 4800	717.00 41 18.63	630 605 596

Vehicular Equipment

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e Sine Wave Inverters

449165 482388 418131

ex pure sine wave inverters deliver clean AC current for home electronics, marine and notive applications. These units feature:

- attery alarm
- oad protection
- circuit protection
- Reverse polarity protection
- Over/under input voltage protection
- Over temperature protection

o. m	Manufacturer Mfg. P/N Warranty	Input (VDC) Output (VAC)	Watts (Continuous) Watts (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
5 H	Samlex America PST-15S-12 1 yr	10-15 115	150 300	136.20 2.6 1.18	99.29 97.31 95.32
7 H	Samlex America PST-30S-12 1 yr	10-15 115	300 500	194.95 3.9 1.77	142.14 139.30 136.46
72 H	Samlex America PST-60S-12 1 yr	10-15 115	600 1000	311.55 6.6 3	227.15 222.61 218.07
18 H	Samlex America PST-100S-12 1 yr	10-15 115	1000 1200	644.60 10.7 4.86	470.00 460.60 451.20
78 H	Samlex America S1500-112B2 1 yr	10-15 100/110/120 Switch selectable	1500 2000	879.70 15.4 7	641.43 628.61 615.78
1 H	Samlex America S1500-124B2 1 yr	20-30 100/110/120 Switch selectable	1500 2000	975.70 15.4 7	711.43 697.21 682.98
1 H	Samlex America S1500-148B2 1 yr	40-60 100/110/120 Switch selectable	1500 2000	975.70 15.4 7	711.43 697.21 682.98

Sine Wave Inverter/ Charger

PROsine inverter / chargers provide a clean, regulated output. Offering a revolutionary power to weight ratio, these units feature:

- ine wave output
- oad, short circuit, low voltage, and over-temperature protection
- factor corrected multistage charger
- Built in transfer switch
- Remote control panel and battery temperature sensor

o. m	Manufacturer Mfg. P/N Warranty	Input (VDC) Output (VAC)	Watts (Continuous) Watts (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
2 H	Xantrex Technology PROSINE 2.0 2 years	10-16 120 with GFCI duplex outlet	2000 4500	2,000.00 30.61 13.91	2,000.00 1,952.00 1,904.00
3 H	Xantrex Technology PROSINE 2.5 2 years	10-16 120	2500 4000	2,600.00 33 15	2,600.00 2,537.60 2,475.20
1 H	Xantrex Technology PROSINE 3.0 2 years	10-16 120	3000 4000	3,000.00 32 14.54	3,000.00 2,928.00 2,856.00

Sine Wave Inverter

The Xantrex PROsine inverter provides clean AC power from DC battery power. Designed for recreational, industrial, and backup power applications the PROsine series is ideal for mid-range loads. The series features:

- ine wave output at 12 or 24 volts
- hable LCD panel for remote monitoring and onal control
- tive DC connection terminals
- Durable chassis with advanced thermal design
- Compact, lightweight

ng product table (1 of 2)

o. m	Manufacturer Mfg. P/N Warranty	Input (VDC) Output (VAC)	Watts (Continuous) Watts (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
4 H	Xantrex Technology PROSINE 1000/12 2 years	10-16 120 with GFCI duplex outlet	1000 1300	890.00 13 5.91	865.97 834.82 822.36

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input (VDC) Output (VAC)	Watts (Continuous) Watts (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
52690 1 EACH	Xantrex Technology PROSINE 1800/12 2 years	10-16 120	1800 2300	1,300.00 14 6.36	1,300.00 1,268.80 1,237.60

Portawattz Inverters

Run AC or DC equipment from this self-contained power supply. 18 Amp-hour battery and 300 Watt AC inverter packaged in convenient case with integrated carrying handle. Unit includes:

- Battery meter
- 2 AC sockets
- 1 DC lighter socket
- AC charger
- DC charging cable
- Jump-start cables

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input (VDC) Output (VAC)	Watts (Continuous) Watts (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
97805 1 EACH	Xantrex Technology POWERPAC 1 year	12/110 115	300 500	129.95 23.5 10.68	129.95 126.84 123.72

Indoor-Outdoor Generator

471036 493122

xPower indoor-outdoor electronic generators are portable and rechargeable. Designed for recreational and industrial applications they have built-in batteries that provide electric power at construction sites, on camping trips, in the garden, or in the home during power outages with no fuel, no noise, and no fumes. The xPower series features:

- Over voltage protection
- Under voltage protection
- Overload protection
- Thermal protection
- Quiet operation
- Dual AC outlets
- DC power socket
- AC charger
- DC charging cable

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input (VDC) Output (VAC)	Watts (Continuous) Watts (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
471036 1 EACH	Xantrex Technology XPOWER 300 1 year	12/115 115	300 500	149.95 18 8.18	149.95 146.36 142.76
412184 1 EACH	Xantrex Technology XPOWER 600 1 year	12/115 115	600 1200	279.95 47 21.36	279.95 273.24 266.52
493122 1 EACH	Xantrex Technology XPOWER 1500 1 year	12/115 115	1350 3000	429.95 60 27.27	429.95 419.64 409.32

DC to DC Voltage Converters [090-20]

If you are buying these, you may need:

Automotive Hookup Wire . . . . . page 1762

Standard Series

60325 47111 10961

A corrosion resistant aluminum heat sink case with heavy duty shock mounts assures survival in heat, humidity, dust and vibrations that are encountered in hostile enviroment installations. Features include current limiting, thermal shutdown and short circuit protection. (Not 32-12-3).

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input (VDC) Output (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 452356 1 EACH	NewMar 32-24-25 2 years	20-50 24.5	20 25	551.00 8 3.64	393.97 385.70 380.19
60325 1 EACH	NewMar 32-12-3 2 years	20-40 13.6	2 3	131.00 4 1.82	93.67 91.70 90.39

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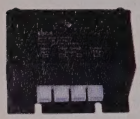
Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input (VDC) Output (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
98718 I EACH	NewMar 32-12-6 2 years	18-50 13.6	6 6	239.00 4 1.82	170.89 167.30 164.91
47111 I EACH	NewMar 32-12-10 2 years	20-50 13.6	10 10	299.00 7 3.18	213.79 209.30 206.31
85504 I EACH	NewMar 32-12-15 2 years	20-50 13.6	15 15	335.00 8 3.64	239.53 234.50 231.15
NEW **431163** I EACH	NewMar 32-24-15 2 years	20-50 24.5	15 15	398.00 8 3.64	284.57 278.60 274.62
33897 I EACH	NewMar 32-12-25 2 years	20-50 13.6	20 25	488.00 10 4.54	348.92 341.60 336.72
72290 I EACH	NewMar 32-12-35 2 years	20-50 13.6	30 35	689.00 18 8.18	492.64 482.30 475.41
10961 I EACH	NewMar 32-12-50 2 years	20-50 13.6	40 50	859.00 18 8.18	614.19 601.30 592.71

Switch Mode- Step Down Converter



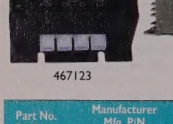
467123

59311

SAMLEX 24V-12V converters incorporate state of the art switch mode technology. Fully protected: over voltage, current limiting, reverse polarity and short circuit.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input (VDC) Output (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
467123 I EACH	Samlex America SDC5 1 year	20-32 13.6	5 5	41.75 1 0.45	30.43 29.83 29.22
NEW **455334** I EACH	Samlex America SDC20 1 year	20-30 13.8	15 20	117.35 3 1.36	85.57 83.86 82.15
59311 I EACH	Samlex America SDC15 1 year	20-30 13.8	12 15	78.20 3 1.36	57.00 55.86 54.72
46097 I EACH	Samlex America SDC23 1 year	20-30 13.8	20 23	97.80 2 0.91	71.29 69.87 68.44

Switching Regulated Converters



55785

55586

Servicemate switch mode regulated voltage converters are heavy duty DC to DC converters with an extended input range. Features include: Weather-proof, vibration resistant, high efficiency, short circuit protected, thermal protected, soft start, reverse voltage protection and input/output filtering. Designed especially for use on 24v, 36v, 48v construction equipment, lift trucks that use standard 12 volt lights and two-way radios.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input (VDC) Output (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
55785 I EACH	Translectric, Inc. SM2412-2.5 1 year	18-50 13.8	2.5 3.5	39.00 1 0.45	34.35 29.95 27.77
94178 I EACH	Translectric, Inc. SM2412-5 1 year	18-50 13.8	5 6.5	60.00 1.42 0.65	52.86 46.08 42.72
67551 I EACH	Translectric, Inc. SM2412-10 1 year	18-50 13.8	10 13	89.95 3 1.36	79.23 69.07 64.03
55586 I EACH	Translectric, Inc. SM2412-25 1 year	20-60 13.8	25 27	199.00 6.73 3.06	175.32 152.84 141.69

24/48 Volt to 12 Volt Converters

62069

Designed for radio equipment and other applications req 12 volt power source converted from higher voltage batt sources. Features regulation and pulse width modulation KhZ and 50 mV ripple noise.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input (VDC) Output (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T
36629 I EACH	Astron N2412-12 1 year	22-32 13.8	10 12	91.60 1.8 0.82	6 5 5
94866 I EACH	Astron N2412-24 1 year	22-32 13.8	20 24	133.15 3.25 1.48	8 7 7
62069 I EACH	Astron 4812 1 year	30-56 13.8	9 12	108.95 2 0.91	6 6 5
10462 I EACH	Astron 4812-20 1 year	30-56 13.8	16 20	145.25 1.03 0.47	9 8 7

Switching Converters

ICT Industrial Power Series switching converter is desi for high efficiency and long service life. Features: Rugge vibration and moisture resistant, over voltage protectio current limiting, fused, terminal block connection. For n tive ground systems only.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input (VDC) Output (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T
27221 I EACH	Innovative Circuit Tech. ICT24125A 1 year	20-30 13.8	4.5 5	83.50 0.9 0.41	6 5 5
14007 I EACH	Innovative Circuit Tech. ICT241210A 1 year	20-30 13.8	9 10	86.30 2 0.91	6 6 5
52400 I EACH	Innovative Circuit Tech. ICT241215A 1 year	20-30 13.8	13.5 15	109.40 3 1.36	8 7 7
39186 I EACH	Innovative Circuit Tech. ICT241220A 1 year	20-30 13.8	18 20	151.90 1.9 0.86	11 10 9
25972 I EACH	Innovative Circuit Tech. ICT241240A 1 year	20-30 13.8	36 40	263.90 2.15 0.98	19 18 17
63116 I EACH	Innovative Circuit Tech. ICT481210A 1 year	20-65 13.8	9 10	135.90 2.05 0.93	10 9 8
11509 I EACH	Innovative Circuit Tech. ICT481220A 1 year	20-65 13.8	17 20	167.15 2.1 0.95	12 11 10

Industrial Converters

447162

491179

Samlex industrial DC-DC c verters are designed for hig ciency, high reliability. These converters feature:

- 2:1 input range
- Low cost, high reliability
- High efficiency, low working temperature
- Built in EMI filter, low ripple noise
- Short circuit protection
- Over load/ voltage protection
- 100% full load burn-in test
- ISO-9001 manufacturer

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input (VDC) Output (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T
NEW **447162** I EACH	Samlex America SD-25A-5 1 year	9.2-18 5	5 5	56.65 1 0.45	4 4 3

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ing product table (2 of 2)

o. m	Manufacturer Mfg. P/N Warranty	Input (VDC) Output (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
V 05 CH	Samlex America SD-50C-12 1 year	36-72 12	4.2 4.2	76.25 1.1 0.5	55.57 54.46 53.35
V 07 CH	Samlex America SD-150C-12 1 year	36-72 12	12.5 12.5	121.30 1.9 0.86	88.43 86.67 84.90
V 79 CH	Samlex America SD-150D-12 1 year	72-144 12	12.5 12.5	112.65 1.9 0.86	82.14 80.50 78.86
V 55 H	Samlex America SD-50A-24 1 year	9.2-18 24	2.1 2.1	76.25 1.1 0.5	55.57 54.46 53.35

Isolated DC to DC Voltage Converters [090-24]

If you are buying these, you may need:

Automotive Hookup Wire. . . . . .page 1762

ated DC to DC Converters

Isolated DC converters are used when the electronic item and the battery system have different ground references. Provide total electrical isolation between input and output. They permit connection of DC negative ground equipment to positive ground, floating ground and negative ground. Same features as the standard series plus adds total isolation between input and output.

o. m	Manufacturer Mfg. P/N Warranty	Input (VDC) Output (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1 H	NewMar 12-24-6 1 2 years	10-16 24	4 6	653.00 7.24 3.29	466.90 457.10 450.57
1 H	NewMar 48-12-6 1 2 years	20-56 13.6	6 6	398.00 6 2.73	284.57 278.60 274.62
4 H	NewMar 48-12-12 1 2 years	20-56 13.6	8 12	539.00 7.5 3.41	385.39 377.30 371.91
7 H	NewMar 48-12-18-1 2 years	20-56 13.6	10 18	649.00 8 3.64	464.04 454.30 447.81
0 H	NewMar 48-12-35 1 2 years	20-56 13.6	20 35	949.00 12 5.45	678.54 664.30 654.81

Spike Prot. Isolated DC to DC Conv. [090-26]

e Protected-Isolated Converter

The ISP Series offer the same benefits as the isolated converters plus adds protection against line transients and voltage spikes which are typically encountered on locomotives, electric rail cars and all electric fork lifts. Designed for harsh enviroments. Built to A.A.R standards.

. m	Manufacturer Mfg. P/N Warranty	Input (VDC) Output (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
3 H	NewMar 72-12-6 ISP 2 years	42-90 13.6	6 6	539.00 5 2.27	385.39 377.30 371.91
5 H	NewMar 36-12-6 ISP 2 years	18-65 13.6	6 6	539.00 4.9 2.23	385.39 377.30 371.91
9 H	NewMar 72-12-18 ISP 2 years	42-90 13.6	10 18	829.00 8 3.64	592.74 580.30 572.01
3 H	NewMar 36-12-18 ISP 2 years	20-56 13.6	10 18	829.00 8 3.64	592.74 580.30 572.01

Positive to Negative Ground Converter [090-30]

Positive to Negative Converters

Industrial Power Series delivers continuous trouble-free power. Converts a positive ground system to negative ground for use with 12V accessories. Features include current limiting, overvoltage protection, fuse protection, high surge capacity, terminal block connector, vibration and moisture resistant and a rugged case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input (VDC) Output (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
441066 1 EACH	Innovative Circuit Tech. ICT12128A 1 year	11-18+ 13.8-	7.5 8.0	99.90 1.9 0.86	74.90 69.91 64.81
441096 1 EACH	Innovative Circuit Tech. ICT121212A 1 year	11-18+ 13.8-	11 12	135.90 1.88 0.85	101.90 95.11 88.18

Positive to Negative Converters

Switching regulated converter used when 12VDC negative ground equipment is used in a positive ground system. Input is 12VDC positive ground only.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input (VDC) Output (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
24925 1 EACH	Astron 1212 1 yr	12+ 12-	6 12	100.45 1.75 0.8	63.05 59.73 55.25
63318 1 EACH	Astron 1212-18 1 yr	12+ 12-	14 19	157.40 3.9 1.77	98.77 93.57 86.55

Timer Switch [090-50]

If you are buying these, you may need:

Male Quick Slide Connectors. . . . . page 1724
Automotive Hookup Wire . . . . . page 1762

Automatic On/Off Timer Switch

ChargeGuard is a automatic on/off timer switch for two way radios, cellular phones, laptop computers etc. Easy to install, compact, rugged and dependable. DIP switch programmable from 15 minutes to 15 hours. Wires directly to the battery not the igintion switch. Features include:

- Low Voltage/ High Voltage Protection
- Selectable Time delay
- Reverse Polarity Protection
- 30 Amp Current Capability
- 7-14 mA Stand By Current
- 5 1/4" x 2 3/4" x 1 1/8"

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Input (VDC) Output (VDC)	Amperage (Cont.) Amperage (Intermittent)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
79697 1 EACH	ChargeGuard Corp. CG12D 1 year	12 12	30 30	74.95 0.45 0.2	55.02 52.02 51.20
NEW **20780** 1 EACH	ChargeGuard Corp. CG24D 1 year	24 24	30 30	84.95 0.5 0.23	62.36 58.96 58.03

Vehicular Equipment

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Auto Security Devices [195-10]

NavTrak.net

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See Automatic Vehicle Locators, page 1228

HELLFIRE HE402M Series Alarms

481016

The HE-402M Millenium Edition remote alarm offers a full range of protection including: Keyless entry, remote trunk release, audible and/ or visual arm and disarm confirmation, car finder, anti-scan/ anti-grab Random Code Encryption, 3 channel receiver, 125 dB six-tone siren with soft chirp, remote panic, plug-in sensor harness, tamper alert with zone indicator, 5 zone automatic bypass, valet mode, GM computer detect circuit and superbright multi-function LED. NEW FEATURES include:

- 433 MHz frequency
- Three button transmitter
- Third channel - use to honk horn or choose 3rd channel or pager output
- Door lock relays on-board - six pin plug-in door lock system; positive and negative
- Double-pulse door lock - selectable
- Two-step door unlock - selectable
- Anti-carjack - selectable
- Domelight delay and parking light flash

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
481016 1 EACH	Harrison Electronics HE-402M Lifetime	Alarm system with two three-button transmitters. Does not include relays, sensors or switches.	92.55 1.95 0.89	69.42 66.55 64.79
495043 1 EACH	Harrison Electronics HE-402M-MAX Lifetime	Alarm system with two three-button transmitters, 2 Harrisison pin switches, 1 P&B relay and harness, and a dual stage magnetic shock sensor.	113.00 2.42 1.1	84.75 81.25 79.10

HELLFIRE 217 Keyless Entry

The HE-217 Keyless entry system allows lock, unlock and trunk release via its 2 channel transmitters (2 included). Features code learning receiver, negative door lock output, starter kill output, third channel output,parking light flash, 1 or 3 second door lock output, ignition door lock circuit and domelight control.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 485177 1 EACH	Harrison Electronics AL-220 Lifetime	Keyless Entry System	64.50 0.62 0.28	48.38 46.38 45.15

Relays

36949

Additional relays and sockets can be found in the section titled RELAYS & AUTOMOTIVE ELECTRICAL ACCESSORIES.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36949 1 EACH	Harrison Electronics VF4-45F11 Lifetime	SPDT 30/40 Amp relay with tab.	2.50 0.5 0.23	1.86 1.78 1.73
75342 1 EACH	Harrison Electronics AC-7805 Lifetime	Pre-Wired Relay Socket. Three 14ga and two 18ga 24" leads for use with 4 or 5 pin automotive relays.	2.00 0.2 0.09	1.50 1.44 1.40
35700 1 EACH	Harrison Electronics AC-7810 Lifetime	Pre-Wired Starter Kill Socket with diode.	2.60 0.2 0.09	1.95 1.87 1.82

6 tone Siren

14971

Dip-Switch programmable 6 tone siren. 129dB. program all 6 or any co nation of tones. Additional speakers and sirens can be located in the SPEAKERS, PUBLIC ADDRESS section.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
14971 1 EACH	Wireless Solutions PST6 30 days	6 tone programmable siren	13.60 0.5 0.23	12 12 11

Piezo Sirens

53364

Micro sized piezo siren for interior use. Creates a painful 110dB s sound. Additional speakers and sirens can be located in the SPEAK PUBLIC ADDRESS section.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
53364 1 EACH	Wireless Solutions MPS1 30 days	110 dB mini piezo siren	8.40 0.2 0.09	5 5 5

Door Lock Actuators

Heavy duty 50 lb torque door lock actuators. Include all brackets and mounting hardware. Made for TESSCO by company in Switzerland.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
17469 1 EACH	Wireless Solutions MES2 Lifetime	High torque door lock actuator. 2 wire.	25.60 0.39 0.18	1 1 1

Door Lock Actuators

50163

High torque door lock actuators. Include all brackets and mou hardware. Standard model adequate for most applications.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
50163 1 EACH	Harrison Electronics AC-LPA8 Lifetime	High torque door lock actuator	13.20 0.39 0.18	9 9 9

Trunk Release Solenoid

54613

Trunk release solenoid. Add remote trunk/hatch release to vehicle. Use with second channel output on the alarm. Com with hardware and switch.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
54613 1 EACH	Wireless Solutions 54613 1 yr	Trunk release solenoid	22.80 0.5 0.23	1 1 1

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erSwitch

The original SuperSwitch features military-grade polycarbonate plunger, non-corroding stainless steel spring, specialty-plated body, washers, nuts, and terminals for corrosion resistance suitable for auto and marine applications.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
8 H	Harrison Electronics SW7846SS Lifetime	SuperSwitch features polycarbonate plunger, stainless steel spring, and corrosion-resistant plating for auto and marine applications.	0.90 0.02 0.01	0.66 0.63 0.61

ical Flange Pin Switch

12473

Highest quality tough polycarbonate segmented plunger. Stainless steel spring provides rust proof smooth action. Can be custom cut to as small as 1/8". Accepts .250 tab female disconnect. Patented.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
3 H	Harrison Electronics SW7850VFM Lifetime	Vertical flange pin switch	1.20 0.03 0.01	0.89 0.85 0.83

ge Mount Pin Switch

25687

64080

Highest quality tough polycarbonate segmented plunger. Stainless steel spring provides rust proof smooth action. Can be custom cut to as small as 1/8". Accepts .250 tab female disconnect. Patented.

o. n	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
7 H	Harrison Electronics SW7844FM Lifetime	Flange mount pin switch	0.90 0.02 0.01	0.66 0.63 0.61
9 H	Harrison Electronics SW7848FM Lifetime	Rubber booted waterproof flange mount pin switch	1.20 0.02 0.01	0.89 0.85 0.83

Tapping Pin Switches

26936

Self tapping pin switches. Accepts male bullet connectors.

n	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1	Wireless Solutions 26936 30 days	Short 2" pin switch	0.85 0.02 0.01	0.60 0.59 0.58
1	Wireless Solutions 65329 30 days	Long 2.5" pin switch.	0.90 1 0.45	0.62 0.61 0.60

Pin Switch Brackets

38901

77294

Pin Switch brackets. Tapped to accept coarse thread and self tapping pin switches.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
38901 1 EACH	Wireless Solutions 38901 30 days	Flat pin switch bracket	0.75 1 0.45	0.51 0.50 0.49
77294 1 EACH	Wireless Solutions 77294 30 days	Right Angle Pin Switch Bracket	0.75 0.04 0.02	0.51 0.50 0.49

Heavy Duty Super Pin Switch

52115

2-3/4" long heavy duty pin switch. Adjustable. Polycarbonate plunger. Accepts female quick disconnect connector .250 tab.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
52115 1 EACH	Wireless Solutions 52115 30 days	Heavy duty Super Switch	1.50 0.04 0.02	1.05 1.03 1.02

Zero Clearance Adj. Pin Switch

78543

Zero clearance adjustable pin switch. Accepts male bullet connector.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
78543 1 EACH	Wireless Solutions 78543 30 days	Zero clearance adj. pin switch.	0.85 0.02 0.01	0.60 0.59 0.58

Incline Bullet Switch

90508

Mercury type bullet switch (contains no mercury). Normally open circuit until it is inclined. 15 degree trigger. Easily mounts to existing bolt. Accepts .250 tab female quick disconnect connector.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
90508 1 EACH	Wireless Solutions 90508 30 days	Incline switch	1.75 1 0.45	1.25 1.23 1.21

LED's

79792

Pre-Wired LED in plastic housing.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
79792 1 EACH	Wireless Solutions LED2 30 days	Flashing 12V LED	2.10 0.03 0.01	2.00 1.96 1.85

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Remote Batteries

53472

12 volt (L1028) battery for use in auto alarm remotes.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
53472	Wireless Solutions	12v L1028 remote batteries. 4 per retail card.	3.15	2.97
4 PACK	BAT12		1	2.91
	1 yr		0.45	2.75

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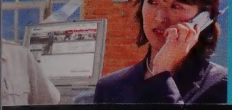

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Clipboard vs. Laser Scanner		
	Accuracy	1 error in every 1 million characters entered
	Speed	Scans up to 60 times per second
	Efficiency	Fewer errors and faster work reduce administrative costs
Place on the curb any Tuesday or Friday morning	Recyclability	
	Reliability	Lasts up to 14 hours each charge
String not included	Nifty pencil holder	
	Ease of use	Ergonomic design and Windows based application software
	Timely feedback	Data is downloaded into applications in seconds
	Increased profitability	All of the above advantages contribute to cost savings

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- Light Bars & Sirens

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Accessories for Handheld Computers [264-12]

Nite Ize PDA Holster

415302

Securely protect your valuable PDA and create an all-in-one workstation with the Nite Ize Stand-Up PDA Holster. A secure holstering mechanism ensures your phone will never leave your belt unintentionally.

- Ballistic nylon protects from moisture and scratches
- Bendable metal frame forms the core of the PDA holster
- Hangs or stands to any number of positions
- Stretch side panels fits most PDA's up to 4"W x 5.75"H x 1 1/4" D
- Multiple elastic pockets carry accessories
- Open-ended bottom allows attachment of cables

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Authorized Dealers	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Nite Ize	Stand-up universal PDA holster.	38.25	19.89
415302	SUPDA-07-01		0.18	19.43
1 EACH	2 years		0.08	19.12

Nite Ize Compac iPAQ Accessories

468350 496381

Nite Ize Pack Strap and iPocket bungee protects your Compaq iPAQ

- Bungee protects from damage and shock associated with dropping. Comfortable and lightweight wrist strap attaches easily. Compatible with all expansion packs.
- Pack Strap holds iPAQ in place in your hand. Heavy duty clip provides secure storage and rotates 360 degrees for convenient, easy access.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Authorized Dealers	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Nite Ize	Bungee cord for the Compaq iPAQ	13.90	7.21
468350	NPB-09		0.14	7.04
1 EACH	2 years		0.06	6.93
NEW	Nite Ize	Pack Strap for Compaq iPAQ	10.40	5.41
496381	NPQ-07		0.14	5.29
1 EACH	2 years		0.06	5.20

RIM Blackberry Carry Solutions

464397

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Authorized Dealers	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	RIM	Blackberry 5810 Ratcheting Holster	14.95	8.97
464397	ACC-03447-002	T-Mobile Authorized Dealers Only	0.16	8.97
1 EACH	DOA Items Only		0.07	8.97
NEW	RIM	Blackberry 6710 Holster	14.95	8.97
460390	ACC-04746-003	T-Mobile Authorized Dealers Only	0.16	8.97
1 EACH	DOA Items Only		0.07	8.97

RIM Blackberry Docking/Charging Cradles

412367 457370

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Authorized Dealers	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	RIM	Blackberry 5810 Docking and Charging Cradle with	59.00	51.63
412367	ACC-03731-003	built-in serial cable. Includes AC adapter.	0.94	51.63
1 EACH	DOA Items Only	T-Mobile Authorized Dealers Only	0.43	51.63

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Authorized Dealers	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW	RIM	Blackberry 6710 Docking and Charging Cradle. Includes	89.00	77.
457370	ACC-04746-005	AC adapter.	0.94	77.
1 EACH	DOA Items Only	T-Mobile Authorized Dealers Only	0.43	77.

RIM Blackberry Batteries

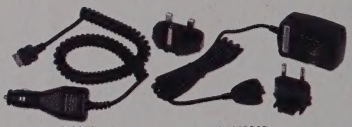
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Authorized Dealers	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW	RIM	Blackberry 6710 Battery. 960 mAh LiIo.	49.95	43.
415336	ACC-04746-002	T-Mobile Authorized Dealers Only	0.25	43.
1 EACH	DOA Items Only		0.11	43.

RIM Blackberry Automotive Chargers

421391

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Authorized Dealers	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW	RIM	Blackberry 5810 Automotive Charger	29.95	17.
421391	ACC-03520-001	T-Mobile Authorized Dealers Only	0.32	17.
1 EACH	DOA Items Only		0.15	17.
NEW	RIM	Blackberry 6710 Automotive Charger	29.95	17.
450373	ACC-04051-001	T-Mobile Authorized Dealers Only	0.32	17.
1 EACH	DOA Items Only		0.15	17.

RIM Blackberry Travel Chargers



440369 463392

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Authorized Dealers	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW	RIM	Blackberry 5810 Travel Charger	35.95	21.
440369	ACC-03581-001	T-Mobile Authorized Dealers Only	0.4	21.
1 EACH	DOA Items Only		0.18	21.
NEW	RIM	Blackberry 6710 Travel Charger	35.95	21.
463392	ACC-04172-001	T-Mobile Authorized Dealers Only	0.4	21.
1 EACH	DOA Items Only		0.18	21.

RIM Blackberry SIM and Battery Doors

477333 428363

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Authorized Dealers	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW	RIM	Blackberry 6710 Battery Door	2.95	1.
477333	ASY-04888-001	T-Mobile Authorized Dealers Only	0.1	1.
1 EACH	DOA Items Only		0.05	1.
NEW	RIM	Blackberry 5810 SIM Card Drawer 10-pack	39.90	31.
428363	ACC-03818-002	T-Mobile Authorized Dealers Only	0.05	31.
10 PACK	DOA Items Only		0.02	31.

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M Blackberry Headsets

467330 450328

No. Mfg. P/N Warranty	Manufacturer Mfg. P/N Warranty	Description Authorized Dealers	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 30 CH	RIM ACC-03818-001 DOA Items Only	Blackberry 5810 Headset with Answer/End switch. T-Mobile Authorized Dealers Only	24.95 0.1 0.05	14.97 14.97 14.97
W 28 CH	RIM ACC-03731-006 DOA Items Only	Blackberry 6710 Headset. T-Mobile Authorized Dealers Only	24.95 0.1 0.05	14.97 14.97 14.97

Bar Code Scanner [240-10]

Code Scanner

490148 494359

Symbols scanners provide fast and reliable electronic data entry for inventory management.

No. Mfg. P/N Warranty	Manufacturer Mfg. P/N Warranty	Description Scan Rate, Scanner Type Interfaces Supported	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
8 H	Symbol Technologies 1902T 5 years	Wired Bar Code Scanner, Decoded, Trigger configuration 44 scans per second (bi-directional) LS1902T RS-232, Keyboard wedge, Wand emulation, Synapse	268.55 1 0.45	268.51 268.51 268.51
9 H	Symbol Technologies P370 5 years	SYMBOL Phaser Wireless Bar Code Scanner-High performance cordless scanner, top mounted keypad. Comes with cradle, Lilo battery, pre loaded application. Approx 35 scans per second (bi-directional) Cordless RS-232, MCL-Link or Symbol Synapse cables (Keyboard wedge, USB, OCIA, Dual RS-232, etc.)	1,487.50 1 0.45	1,487.48 1,487.48 1,487.48

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Automatic Vehicle Locators [232-10]

If you are buying this, you may need:

GPS Antennas . . . . . page 1308
Butt Connectors . . . . . page 1729
Wire Connectors . . . . . page 1732
Split Loom Tubing . . . . . page 1733
Nylon Cable Clamps and Clips . . . . . page 1750

Navtrak Mobile Manager

With Navtrak's web-based Automatic Vehicle Location system a company can monitor its mobile work force in real time, on a map. View up-to-the-minute reports on where a vehicle has been and where it has stopped along the way. Vehicle information is transfered to Navtrak's server using Global Positioning System (GPS) technology combined with a Wireless Data Network.

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Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 452341 1 EACH	Navtrak, Inc. MM903	MobileManager. Integrates GPS and CDPD technology into an easy-to-install, plug-and-play solution. The unit provides the same features as radio-based mobile hardware, only with the freedom and convenience of cellular digital packet data (CDPD) communications. Includes GPS receiver with CDPD modem, fuse block and power cable.	374.10 1.62 0.74	298.88 298.88 271.20
NEW 440350 1 EACH	Navtrak, Inc. MAPPINGSOFTWARE2	Navtrak IV Mapping Software Version 2.0. This package includes all four software modules: Mapping, Monitoring Status, Vehicle Web Reports and Communications Package. Allows user to locate, converse with and route mobile workforce all from one program.	198.80 0.1 0.05	100.00 100.00 100.00
NEW 472335 1 EACH	Navtrak, Inc. 10USERPACK	Software 10 User License Pack. For those who require software for multiple users. Includes one CD set with two disks (installation & mapping) and 10 serial numbers.	353.90 0.1 0.05	178.00 178.00 178.00
NEW 430397 1 EACH	Navtrak, Inc. 34PIN	34 pin input/output wiring harness for the Mobile Manager 903.	24.85 0.1 0.05	12.50 12.50 12.50
429117 1 EACH	Navtrak, Inc. TEMPPROBE	Temperature probe. Allows user to monitor tempertature in refrigerated vehicles.	159.05 0.1 0.05	80.00 80.00 80.00
NEW 438146 1 EACH	Navtrak, Inc. POWERCORD 1 Year	Replacement power cord for the MobileManager.	18.05 0.1 0.05	14.40 14.40 13.07

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Antennas, Low-Profile, No Ground, AM/FM, Marine 1349
Antennas, Magnetic Mount, Complete... 1340
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Antennas, Suction Cup..... 1346
Couplers..... 1347
Reinstall Kits, Glass Mount..... 1352
Replacement Whips..... 1352

Antennas, Mobile PCS & Dual-Band 1331

Antennas, Mobile Two-Way, GPS, XM ... 1234
25-88 MHz, Base Loaded..... 1234
25-88 MHz,, Quarterwave, Whip..... 1234
108-174 MHz, Quarterwave, Unity Gain . 1242
108-940 MHz, Quarterwave, Tunable ... 1238
130-174 MHz, Gain..... 1244
130-174 MHz, Glass, Low Profile, Marine 1252
130-174 MHz, No Ground Plane Required..... 1251
200-250 MHz, All Styles..... 1256
406-512 MHz, Gain..... 1260
406-512 MHz, Glass, Low Profile, Marine 1270
406-512 MHz, No Ground Plane Required..... 1269
406-512 MHz, Quarterwave, Unity Gain . 1258
800 MHz, Elevated Feed 1286
800 MHz, Gain, Rooftop, Mag, Trunk Lip . 1276
800 MHz, Glass Mount..... 1285
800 MHz, Low Profile, Marine..... 1289
800 MHz, Quarterwave, Unity Gain 1274
900 MHz, Elevated Feed 1300
900 MHz, Glass Mount..... 1298
900 MHz, Rooftop, Mag, Trunk Lip 1291
2.4 GHz, Rooftop, Mag, Trunk Lip 1314
Adapters, Mobile Mounting..... 1316
Brackets..... 1320
Cable Assemblies 1322
Coils, Bases 1317
Disguise 1304
Dual-Band..... 1304
GPS 1308
Monitor..... 1302
Replacement Parts, Misc..... 1318
Replacement Whips, Radiators 1321
Springs..... 1318
XM Radio 1315

Antennas, Portable Two-Way 1323
30-50 MHz, 5/16"-32 x 1/2" (HT 220) .. 1323
30-50 MHz, 1/4" x 7/32 (MX, Radius)... 1323
VHF, 5/16"-32 x 1/2" (HT) 1323
VHF, 5/16"-32 x 3/8" (King,Ritron/Jobcom) 1323
VHF, 1/4"-32 x 7/32" (MX, Radius) 1323
VHF, UHF Male..... 1324
VHF, BNC..... 1324
VHF, M7 x 1.0 (GE MPA, MPD) 1325
VHF, SMA 1325
VHF, TNC..... 1324
UHF, 5/16"-32 x 1/2" (HT) 1325
UHF, 1/4"-32 x 7/32" (MX, Radius)..... 1326
UHF, BNC 1326
UHF, TNC..... 1327
UHF, UHF Male..... 1326
UHF, M7 x 1.0, (GE MPA, MPD)..... 1327
UHF, SMA 1327
806-869 MHz, M7x1.0 (GE MPA,MPD) .. 1328
806-866 MHz, BNC 1328
806-869 MHz, SMA..... 1329
806-866 MHz, TNC 1328
Special Purpose 1329

Light Bars and Sirens 1395

Mounts, Mobile Antenna 1354
5/16" x 24 Stud Type, Permanent Hole .. 1361
5/16" x 24 Stud Type, Magnetic..... 1361
5/16" x 24 Stud Type, Trunk Lip..... 1361
Antenna Specialists Non-Motorola Type . 1362
Larsen PO, NLA, BNC Style..... 1362
Marine Mounting Hardware 1362
Motorola Style, Magnetic 1357
Motorola Style, Mirror, Gutter 1360
Motorola Style, Permanent Hole 1354
Motorola Style, Trunk Lip 1359

Mounts, Vehicle, Radios & Data Terminals 1364
Brackets, Fixed Radio Mounting 1365
Brackets, Stacking, for Multiple Radios .. 1366
Mounts, Slide 1364
Mounts, Data Terminal & Computer 1368

Mounts, Vehicle, Wireless Phone 1373
Extensions & Accessories..... 1388
Mounting Plates, Cradles, Holders..... 1390
Mounts, Flex Type 1387
Mounts, Pedestal..... 1384
Mounts, Vehicle-Specific 1373

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Antennas, Mobile Two-way, GPS, XM

25-88 MHz, Quarter Wave, Whip [360-1

Manufacturer Table	Antenna Specialists ASPR632	Antenex Q27S	Maxrad, Inc MLB3001	Manufacturer Table
25-88 MHz, Quarter Wave, Whip [360-10]				**25-88 MHz Base Loaded [360-12]**
Product Narrative	Top quality low band quarter-wave antenna with all stainless steel construction Non-corroding materials provide long life and minimal maintenance. Field tunable to desired frequency	Rugged full length quarter- wave antenna. High quality stainless steel shock spring. Chrome plated ball base. Field tunable to desired frequency.	Rugged full length quarter- wave antenna. High quality stainless steel shock spring. Chrome plated ball base. Field tunable to desired frequency.	Product Narrative
Gen. Freq. (MHz) Gain (dB) Maximum Power (Watts)	30-50 Unity 250	27-54 Unity 250	30-54 Unity 250	Gen. Freq. (MHz) Gain (dB) Maximum Power (Watts)
Whip Length (In.) Whip Material	*96" 17-7 PH Stainless steel	*96" 17-7 PH Stainless steel	*96" 17-7 PH Stainless steel	Whip Length (In.) Whip Material
Mount Type	Stainless steel ball base	Chrome plated ball base	Chrome plated ball base	Mount Type
Cable Connector Warranty	Not supplied Split leads 1 Year	Order separately N/A 2 Years	Order separately N/A 2 Years	Cable Connector Warranty
TESSCO Part No.	**445144** NEW ^30-54	**18953** ^27-54	**462098** ^30-54	**TESSCO Part No.**
List Price: T-1 Price:	$184.80 $93.31	$105.00 $60.47	$130.35 $67.77	List Price: T-1 Price:
Ship lb.: T-2 Price:	4.1 lb. $91.83	7 lb. $50.29	4 lb. $63.21	Ship lb.: T-2 Price:
Ship kg.: T-3 Price:	1.86 kg. $90.72	3.18 kg. $47.03	1.82 kg. $60.99	Ship kg.: T-3 Price:

^ = Field tunable to exact frequency * = Specify frequency when ordering

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Antennas, Mobile Two-way, GPS, XM

Antenna Specialists ASP268	Antenna Specialists ASP448	Antenna Specialists ASP452	Antenna Specialists ASP552	Antenna Specialists ASP555
gh performance base loaded arterwave antenna with shock istant, weatherproof, shunt-fed ck coil. Spring is not included. d tunable to desired frequency. ludes K-49 3/4" hole mount.	High performance base loaded quarterwave antenna with shock resistant, weatherproof, shunt-fed black coil. Spring is included. Field tunable to desired frequency. Includes K-57 3/8" snap-in mount and ASP-268 antenna.	High performance base loaded quarterwave antenna with shock resistant, weatherproof, shunt-fed black coil. Spring is included. Field tunable to desired frequency. Includes K-49 3/4" hole mount.	High performance base loaded quarterwave antenna with shock resistant, weatherproof, shunt-fed black coil. Spring is included. Field tunable to desired frequency. Field tunable to desired frequency. For use with Motorola style or A.S. low profile mount.	High performance base loaded quarterwave antenna with shock resistant, weatherproof, shunt-fed black coil. Spring is not included. Field tunable to desired frequency. Includes ASP-268 antenna and K-220 magnetic mount.
50 ty)	30-50 Unity 100	30-50 Unity 100	30-50 Unity 100	30-50 Unity 100
" 7 PH Stainless steel	*49" 17-7 PH Stainless steel	*49" 17-7PH Stainless steel	*49" 17-7PH Stainless steel	*49" 17-7PH Stainless steel
' hole mount, K-49 supplied	3/8" Snap-in K-57 supplied	3/4" hole mount, K-49 supplied	Order separately from Motorola style mounts	Magnetic mount K-220 supplied
RG58/U 259 ears	17' RG58/U PL-259 2 Years	17' RG58/U PL-259 2 Years	N/A N/A 2 Years	12' RG58A/U PL-259 2 Years
187 ^25-28 **008** ^30-36 **401** ^36-42 **794** ^42-50 .50 $35.25 lb. $34.90 kg. $34.48	**52475** ^30-36 **90868** ^36-42 **39261** ^42-50 $77.50 $39.14 2.35 lb. $38.52 1.07 kg. $38.06	**77654** ^30-36 **26047** ^36-42 **64440** ^42-50 $77.50 $39.14 2.25 lb. $38.52 1.02 kg. $38.06	**76405** ^30-36 **24798** ^36-42 **63191** ^42-50 $68.75 $34.72 1.66 lb. $34.17 0.75 kg. $33.76	**49977** ^42-50 $78.50 $39.65 2.45 lb. $39.02 1.11 kg. $38.55

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^ = Field tunable to exact frequency * = Specify frequency when ordering

25-88 MHz Base Loaded [360-12]

Manufacturer Table	Antenex DC Gnd Base Load	Antenex Wideband 1/4 Wave	Comtelco A1801HS	Radiall/Larsen NMO-Series
Product Narrative	DC grounded base-loaded antenna. Higher power handling and less ground plane required than standard base loaded antennas. Internal and external contacts are gold plated for best conductivity	Wideband base-loaded quarter-wave antenna provide max. 2:1 VSWR across band without trimming the whip. Internal and external contacts are gold plated for best conductivity	Low band unity gain shunt fed antenna with spring loaded contact coil. Includes shock spring and 3/4" Motorola style mount with 17' of cable.	Base loaded 1/4 wave chrome K rod finish whip and coil only. Fo use with Motorola style mounts
Gen. Freq. (MHz) Gain (dB) Maximum Power (Watts)	27-54 Unity 500	27-54 Unity 200	27-54 Mhz Unity 200W	27-54 Unity 200
Whip Length (In.) Whip Material	49" 17-7ph tapered stainless steel	*64" 17-7ph tapered stainless steel	52" Stainless Steel	*49" 17-7 PH Stainless steel "Kulrod" plated finish
Mount Type	Order separately from Motorola style mounts	Order separately from Motorola style mounts	3/4" hole mount	Order separately from Motorol style mounts
Cable Connector Warranty	N/A N/A 2 Years	N/A N/A 2 Years	17' RG58/U Not Supplied 2 Years	N/A N/A 3 years
TESSCO Part No.	**27733** 26-28	**70146** 28-30	**14429** ^27-31	**70300** ^27-30
List Price: T-1 Price:	**14519** 30-35	**39378** 30-34	**91215** ^30-35	**43872** ^30-34
Ship lb.: T-2 Price:	**52912** 34-37	**55340** 34-40	**39608** ^34-37	**17444** ^34-40
Ship kg.: T-3 Price:	**39698** 37-40	**91480** 37-46	**78001** ^37-40	**81016** ^40-50
	78091 40-47	**68401** 42-48	**26394** ^40-47	**54588** ^47-54
	26484 47-50	$63.95 $36.82	**64787** ^47-50	$33.50 $19.77
	$39.55 $22.78	1 lb. $30.62	$63.55 $27.73	0.41 lb. $18.60
	1 lb. $18.94	0.45 kg. $28.64	0.6 lb. $25.68	0.19 kg. $18.43
	0.45 kg. $17.72	**18539** 50-54	0.27 kg. $25.42	
		$128.15 $73.80		
		1 lb. $61.37		
		0.45 kg. $57.40		

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Antennas, Mobile Two-way, GPS, XM

dial/Larsen MO-Series

loaded 1/4 wave black Kulrod h whip and coil only. For use Motorola style mount.

4
/

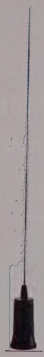
PH Stainless steel Black "Kul- finish.

r separately from Motorola mounts

rs

93	^27-30
65	^30-34
17	^34-40
09	^40-50
31	^47-54
0	$21.24
b.	$20.52
g.	$19.80

Radiall/Larsen NMO-Series



Base loaded quarterwave chrome Kulrod finish whip and coil with 3/4" hole mount, cable and connector.

27-54
Unity
200

*49"
17-7 PH Stainless steel "Kulrod" plated finish

Motorola Style

17' RG58
PL259
3 years

64764	^34-40
$48.85	$28.81
2 lb.	$27.11
0.91 kg.	$26.86

Maxrad, Inc MLB Series

Heavy duty base loaded 1/4 wave antenna and coil only. For use with Motorola style mounts.

27-120
Unity
200

*49"
17-7 PH Stainless steel

Order separately from Motorola style mounts

N/A
N/A
2 Years

92926	^27-31
79712	^30-35
14891	^34-40
52035	^40-47
86681	^47-54
$36.00	$18.00
1.75 lb.	$16.56
0.80 kg.	$16.53
32576	^66-120
$29.60	$14.80
1.75 lb.	$13.62
0.80 kg.	$13.59

Maxrad, Inc MLB DC Series

DC grounded, base loaded 1/4 wave antenna and coil only. Requires less ground plane than conventional antennas. For use with Motorola style mounts.

27-54
Unity
500

*49"
17-7 PH Stainless steel

Order separately from Motorola style mounts

N/A
N/A
2 Years

41319	^27-31
28105	^30-35
53284	^34-37
79509	^37-40
90428	^40-47
27902	^47-50
85432	^50-54
$41.60	$21.63
2 lb.	$20.17
0.91 kg.	$19.46

Maxrad, Inc MWB-DC Series

Base loaded, quarterwave antenna with stainless steel spring. Has up to 5 MHz bandwidth at 2:1 VSWR. 63 inches in overall length. For use with Motorola style mounts.

27-54
Unity
200

*41"
17-7 PH Stainless steel

Order separately from Motorola style mounts

N/A
N/A
2 Years

98189	^27-31
20154	^44-47
58547	^47-54
$61.95	$32.22
2 lb.	$30.05
0.91 kg.	$29.00

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25-88 MHz Base Loaded [360-12]

	Manufacturer Table	Cushcraft/Signals SN Series	Cushcraft/Signals SNS Fastpack
Product Narrative		Base loaded quarterwave antenna and coil only. For use with Motorola style mounts.	Four complete base loaded quarterwave antennas with spring. Includes 3/4" hole mount, cable and connector. 4 per box.
Gen. Freq. (MHz)		30-50	30-50
Gain (dB)		Unity	Unity
Maximum Power (Watts)		200	200
Whip Length (In.)		*49"	*49"
Whip Material		17-7PH Stainless steel	17-7PH Stainless steel with spring
Mount Type		Order separately from Motorola style mounts	3/4" hole mount
Cable		N/A	14.5' RG58A/U
Connector		N/A	PL-259
Warranty		1 Year	1 Year
TESSCO Part No.		**85906** ^30-35	**59478** ^30-35
List Price:	T-1 Price:	**97871** ^34-40	**33050** ^34-40
Ship lb.:	T-2 Price:	**19836** ^40-46	**45015** ^40-46
Ship kg.:	T-3 Price:	**55731** ^46-50	**42517** ^46-50
		$49.35 $29.60	$274.50 $116.66
		1 lb. $25.40	4 lb. $112.54
		0.45 kg. $24.66	1.82 kg. $107.60

108-940 MHz Quarter Wave Tunable [360-17]

	Manufacturer Table	Antenna Specialists ASPC201L
Product Narrative		Unity gain quarterwave antenn Whip is fastened by set screw adapter for easy removal for t Snap-in mount provides quick installation in 3/8" hole. No so ing required.
Gen. Freq. (MHz)		108-512
Gain (dB)		Unity
Maximum Power (Watts)		100
Whip Length (In.)		*26"
Whip Material		17-7Ph Stainless Steel .072" di
Mount Type		3/8" hole snap-in, K-44 supplie
Cable		17' RG58/U
Connector		PL-259
Warranty		2 Years
TESSCO Part No.		**19078** ^108-512
List Price:	T-1 Price:	$28.50 $14.40
Ship lb.:	T-2 Price:	0.99 lb. $14.17
Ship kg.:	T-3 Price:	0.45 kg. $14.00

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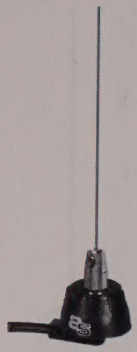
Antennas, Mobile Two-way, GPS, XM

Antenna Specialists SPC201	Antenna Specialists ASPK201L	Antenna Specialists ASP790	Antenna Specialists ASP695	Antenna Specialists ASP7490
				
ity gain quarterwave antenna h mount. Includes antenna, set ew, whip adapter and 3/8" snap-nount. Does not include cable connector.	Unity gain quarterwave antenna. Includes antenna, set screw, whip adapter, mount, cable and PL259 connector.	Unity gain quarterwave MOSAIC antenna. Includes co-polyester base with all brass plunger pin. Includes 3/4" hole mount with 17' RG58/U and NO connector.	Unity gain quarterwave Mosaic antenna only. For use with Motorola style mounts.	Broadband quarterwave Mosaic antenna with spring. Wide bandwidth-24 MHz VHF/ 100 MHz UHF. Includes Motorola style 3/4" hole mount and NO connector.
-512 ty	108-512 Unity 100	108-512 Unity 100	108-512 Unity 100	150-512 Unity 150
" 7Ph Stainless Steel .072" dia	*26" 17-7Ph Stainless Steel .072" dia	*26" Stainless steel .046" dia	*26" Stainless steel .042" dia	20" 17-7PH Stainless steel .125" dia.
snap-in mount	3/4" hole toggle mount	3/4" Hole mount KM66-supplied	Order separately from Motorola style mounts	3/4" Hole mount KMX66 supplied
\< ears	17' RG58/U PL-259 2 Years	17' RG58/U NONE 1 Year	N/A N/A 1 Year	17' RG58/U NONE 1 Year
585 ^108-512 90 $11.05 lb. $10.88 kg. $10.75	83120 ^108-512 $36.90 $19.11 0.99 lb. $18.44 0.45 kg. $18.26	415029 ^108-512 $35.00 $17.68 1.23 lb. $17.40 0.56 kg. $17.19	479090 ^108-512 $21.25 $10.74 0.64 lb. $10.57 0.29 kg. $10.44	413013 ^150-512 $50.00 $25.24 1.58 lb. $24.84 0.72 kg. $24.54

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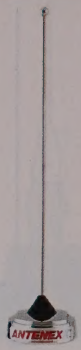
Antennas, Mobile Two-way, GPS, XM 108-940 MHz Quarter Wave Tunable [360-

108-940 MHz Quarter Wave Tunable [360-17]

Manufacturer Table	Antenna Specialists ASP7495	Antenex Quarterwave	Antenex AFT	Antenex B132S
				
Product Narrative	Broadband quarterwave Mosaic antenna with spring. Wide bandwidth 24 MHz VHF, 100 MHz UHF. Order Motorola style mount separately.	Field tunable quarterwave antenna. Includes a "brass button" contact design that provides for a better match and more contact surface coverage. For Motorola style mounts.	Field tunable rugged quarterwave antenna with a molded low profile ABS base.	Wide band quarter wave anten with shock spring. Bandwidth c MHz in VHF, 100 MHz in UHF Shock spring makes it ideal for heavy duty equipment vehicles.
Gen. Freq. (MHz) Gain (dB) Maximum Power (Watts)	150-512 Unity 150	118-512 Unity 200	118-512 Unity 200	132-512 Unity 200
Whip Length (In.) Whip Material	*20" 17-7PH Stainless steel .125" dia.	24" Type 302 stainless steel	*24" Type 302 Stainless steel	*21" 17-7PH Stainless steel .100" dia
Mount Type	Order separately from Motorola style mounts.	Order separately from Motorola style mounts	Order separately from Motorola style mounts	Order separately from Motoro style mounts
Cable Connector Warranty	N/A N/A 1 Year	N/A N/A 2 Years	N/A N/A 2 Years	N/A N/A 2 Years
TESSCO Part No.	**461029** ^150-512	**22737** 118-512 Chrome	**48869** NEW Blk/spring	**60605** ^132-512
List Price: T-1 Price:	$36.25 $18.13	$9.90 $5.71	$38.15 $21.96	$36.20 $20.84
Ship lb.: T-2 Price:	0.48 lb. $17.95	0.1 lb. $4.75	1 lb. $18.26	0.77 lb. $17.33
Ship kg.: T-3 Price:	0.22 kg. $17.73	0.05 kg. $4.44	0.45 kg. $17.08	0.35 kg. $16.21
		99523 118-512 Black	**30955** 118-512 Black	
		$16.40 $9.45	$22.15 $12.76	
		0.1 lb. $7.86	0.5 lb. $10.61	
		0.05 kg. $7.35	0.23 kg. $9.93	
			82562 118-512 Chrome	
			$18.05 $10.39	
			0.5 lb. $8.64	
			0.23 kg. $8.08	

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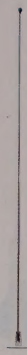
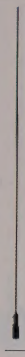
diall/Larsen MOQSPEC	Radiall/Larsen NMOQ	Radiall/Larsen Q	Maxrad, Inc MHBL118	Maxrad, Inc MFT120 Series
				
torola look-a-like field tunable rterwave antenna. For use with torola style mounts.	Quarterwave antenna with Makroblend polymer base. For use with Motorola style mounts.	Field tunable quarterwave whip and nut only. Nut attaches to 5/16"-24 thread stud.	Ideal for vehicles with an existing 5/16"-24 thread stud mount. Tunable over a broad range of frequencies.	Field tunable quarterwave antenna. A set screw in the ball enables the antenna to be trimmed from the top. Includes mount, cable and connector.
-512 ty	136-512 Unity 200	136-512 Unity 200	118-940 Unity 200	118-512 Unity 150
' 'PH Stainless steel "Kulrod" ed	*20" 17-7PH Stainless steel "Kulrod" plated	*20" 17-7PH Stainless steel "Kulrod" plated	*24" 17-7PH Stainless steel	*24" Stainless steel
ler separately from Motorola e mounts	Order separately from Motorola style mounts	Order separately from 5/16"-24 stud mounts	Order seperately from 5/16"-24 stud mounts	3/4" hole brass mount
ars	N/A N/A 3 years	N/A N/A 3 years	N/A N/A 2 Years	17'RG58A/U PL259 2 Years
207 ^144-512 Black 85 $9.34 lb. $9.03 kg. $8.71 **21** ^144-512 Chrome 35 $7.87 lb. $7.60 kg. $7.34	**66028** ^136-512 Black $19.60 $11.56 0.16 lb. $11.17 0.07 kg. $10.77 **41850** ^136-512 Chrome $18.35 $10.82 0.16 lb. $10.45 0.07 kg. $10.09	**29934** ^136-512 $7.50 $4.43 0.09 lb. $4.28 0.04 kg. $4.13	**18634** ^118-940 Chrome $8.20 $4.26 0.3 lb. $3.98 0.14 kg. $3.84	**473367** NEW ^118-512 Chr $23.35 $11.66 0.81 lb. $10.73 0.37 kg. $10.71

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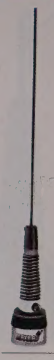
Manufacturer Table	Maxrad, Inc MFT120 Series	Maxrad, Inc MAXMFT	Maxrad, Inc MWB1320	Manufacturer Table
108-940 MHz Quarter Wave Tunable [360-17]				**108-174 MHz Quarter Wave Unity Gain [360-18]**
Product Narrative	Field tunable quarterwave antenna. A set screw in the ball enables the antenna to be trimmed from the top.	Rugged quarterwave field tunable antenna only. For use with Motorola style mount.	Wide band quarterwave antenna with shock spring. Bandwidth- 24 MHz VHF/ 100 MHz UHF. Shock spring makes it ideal for heavy duty equipment vehicles.	Product Narrative
Gen. Freq. (MHz) Gain (dB) Maximum Power (Watts)	118-940 Unity 150	118-940 Unity 200	132-512 Unity 200	Gen. Freq. (MHz) Gain (dB) Maximum Power (Watts)
Whip Length (In.) Whip Material	*24" Stainless steel	*24" 17-7PH Stainless steel	*21" 17-7PH Stainless steel .100" dia.	Whip Length (In.) Whip Material
Mount Type	Order separately from Motorola style mounts	Order separately from Motorola style mounts	Order separately from Motorola style mounts	Mount Type
Cable Connector Warranty	N/A N/A 2 Years	N/A N/A 2 Years	N/A N/A 2 Years	Cable Connector Warranty
TESSCO Part No. List Price: T-1 Price: Ship lb.: T-2 Price: Ship kg.: T-3 Price:	**94374** ^118-940 Black $14.10 $7.34 0.18 lb. $6.84 0.08 kg. $6.60 **60651** ^118-940 Chrome $9.25 $4.63 0.18 lb. $4.26 0.08 kg. $4.25	**99044** ^118-940 Black $19.75 $10.27 0.27 lb. $9.58 0.12 kg. $9.24 **22258** ^118-940 Chrome $16.95 $8.80 0.27 lb. $8.21 0.12 kg. $7.92	**27453** ^132-512 $32.55 $16.93 0.7 lb. $15.79 0.32 kg. $15.24	**TESSCO Part No.** List Price: T-1 Pric Ship lb.: T-2 Pric Ship kg.: T-3 Pric

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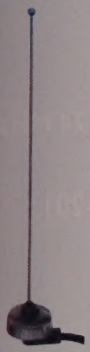
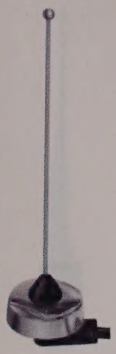
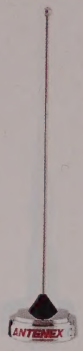
tenna Specialists PR1410	Antenna Specialists ASPR1415	Antenex QW152	Radiall/Larsen NMOWBQC	Maxrad, Inc MHB1440/MHB1520
				
rome Dome" unity gain quar- vave antenna with a .072 dia. o and shock absorbing rubber rt. Includes Motorola style 3/4" mount, cable and NO connec-	"Chrome Dome" unity gain quarterwave antenna with a .072 dia. whip and shock absorbing rubber insert.	Quarterwave antenna for Motorola style mounts with a "brass button" contact design that provides for a better match and more contact surface coverage.	Broadband quarterwave, unity gain antenna. For use with Motorola style mounts.	Unity gain quarterwave antenna only. Ready to install, no rod cutting. For use with Motorola style mounts.
174 y	136-174 Unity 150	130-174 Unity 200	150-170 Unity 200	144-172 Unity 150
less steel .072" dia.	*20" Stainless steel .072" dia.	*18" Type 302 stainless steel	20" 17-7PH Stainless steel "Kulrod" finish	*21" Stainless steel
hole mount KRMX66 supplied	Order separately from Motorola style mounts	Order separately from Motorola style mounts	Order separately from Motorola style mounts	Order separately from Motorola style mounts
G58/U NE ars	N/A N/A 2 Years	N/A N/A 2 Years	N/A N/A 3 years	N/A N/A 2 Years
78 ^136-144 **71** ^144-152 **64** ^152-162 **57** ^162-174 50 $10.36 lb. $10.19 kg. $10.07	**16450** ^136-144 **54843** ^144-152 **93236** ^152-162 **41629** ^162-174 $10.50 $5.31 0.19 lb. $5.22 0.09 kg. $5.16	**87558** 144-152 Black **35951** 152-162 Black $14.75 $8.50 0.1 lb. $7.07 0.05 kg. $6.61 **62379** 144-152 Chrome **10772** 152-162 Chrome $8.25 $4.76 0.1 lb. $3.96 0.05 kg. $3.70	**88709** 150-170 $30.00 $17.70 0.17 lb. $17.10 0.08 kg. $16.50	**90795** 136-144 Black **35798** ^144-152 Black $14.10 $7.34 0.15 lb. $6.84 0.07 kg. $6.60 **94175** ^144-152 Chrome **80961** ^152-162 Chrome $7.85 $4.08 0.15 lb. $3.81 0.07 kg. $3.67 **81160** ^152-162 Black **16140** ^162-172 Black $14.10 $7.34 0.15 lb. $6.84 0.07 kg. $6.60 **67747** ^162-172 Chrome $7.85 $4.08 0.15 lb. $3.81 0.07 kg. $3.67

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108-174 MHz Quarter Wave Unity Gain [360-18]

Manufacturer Table	Maxrad, Inc MHB1520M	Cushcraft/Signals SN1501A/SN1521A	Cushcraft/Signals SNW1500 Fastpack
Product Narrative	Unity gain quarterwave antenna. Ready to install, no rod cutting. Includes 3/4" hole mount, cable and connector.	Super Silverbutton quarter- wave antenna. Contact between mount and antenna covers 100% of the contact surface for broader match. For use with Motorola style mounts.	Broadband quarterwave antenna. Approx. 24 MHz of bandwidth. Includes 3/4" hole mount, cable and connector. (4) per box.
Gen. Freq. (MHz) Gain (dB) Maximum Power (Watts)	152-162 Unity 150	144-174 Unity 200	150-174 Unity 200
Whip Length (In.) Whip Material	*21" Stainless steel	*21 17-7PH Stainless steel	*21" 17-7PH Stainless steel
Mount Type	3/4" hole brass mount	Order separately from Motorola style mounts	3/4" Hole mount
Cable Connector Warranty	17' RG58A/U UHF male 2 Years	N/A N/A 1 Year	14.5' RG58A/U PL-259 1 Year
TESSCO Part No.	**485310** NEW 152-162 Chrome	**61976** 150-160 **99120** 152-162	**46988** 150-174
List Price: T-1 Price:	$22.00 $10.99	$10.20 $6.11	$217.20 $92.31
Ship lb.: T-2 Price:	0.65 lb. $10.12	0.6 lb. $5.24	4 lb. $89.06
Ship kg.: T-3 Price:	0.30 kg. $10.09	0.27 kg. $5.09	1.82 kg. $85.15

130-174 MHz Gain [360-20]

Manufacturer Table
Product Narrative
Gen. Freq. (MHz) Gain (dB) Maximum Power (Watts)
Whip Length (In.) Whip Material
Mount Type
Cable Connector Warranty
TESSCO Part No.
List Price: T-1 Pric
Ship lb.: T-2 Pric
Ship kg.: T-3 Pric

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Antennas, Mobile Two-way, GPS, XM

tenna Specialists PS177	Antenna Specialists ASP446	Antenna Specialists ASP553	Antenna Specialists ASP558	Antenna Specialists ASP7450
loaded antenna with spring for in rugged environ-ts.Chrome plated brass base fittings. Complete antenna ides base, black coil, spring, and 3/4" toggle mount.	Base loaded antenna with spring for use in rugged environments. Complete antenna includes base, black coil, spring, whip and 3/8" snap-in mount.	Base loaded antenna with spring for use in rugged environments. Includes base, black coil, spring, whip and K-27 adapter for use with A.S. low profile or Motorola style mounts.	Base loaded antenna with spring for use in rugged environments. Complete antenna includes base, black coil, spring, whip and die cast magnetic mount.	MOSAIC high performance antenna with Dura-Flex spring. All brass inserts eliminate interference. Includes 3/4" Motorola style mount and cable. NO connector.
174	130-174 3 150	130-174 3 150	130-174 3 150	138-174 3 150
PH Stainless steel	*49" 17-7PH Stainless steel	*49" 17-7PH Stainless steel	*49" 17-7PH Stainless steel	*54" 17-7PH Stainless steel DURA-CON finish
Toggle mount K-49 supplied	3/8" Snap-in mount K-57 supplied	Order separately from Motorola style mounts	Magnetic mount	3/4" Hole mount KMX-66 suplied
G58/U e ars	17' RG58/U PL-259 2 Years	N/A N/A 2 Years	12' RG58A/U PL-259 2 Years	17' RG58/U Order separately 2 Years
99 ^130-174 00 $35.00 lb. $34.65 kg. $34.23	**40510** ^130-174 $77.50 $39.14 2.25 lb. $38.52 1.02 kg. $38.06	**11584** ^130-174 $67.75 $34.22 1.72 lb. $33.68 0.78 kg. $33.27	**23549** ^130-174 $89.00 $44.95 2.52 lb. $44.24 1.15 kg. $43.70	**83478** ^138-174 $57.50 $28.75 2.06 lb. $28.47 0.94 kg. $28.12

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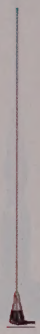
130-174 MHz Gain [360-20]

Manufacturer Table	Antenna Specialists ASP7450LS	Antenna Specialists ASP7454	Antenna Specialists ASP7455LS	Antenna Specialists ASP7455
				
Product Narrative	MOSAIC high performance antenna without spring. All brass inserts eliminate interference. Includes 3/4" Motorola style mount and cable. NO connector.	MOSAIC high performance antenna with Dura-Flex spring. Includes 3/4" Motorola style magnetic mount and cable. NO connector.	High performance MOSAIC springless antenna. Use with Lo-profile or Motorola mount.	High performance MOSAIC antenna with DURA-FLEX spr Use with Lo-profile or Motoro mount.
Gen. Freq. (MHz) Gain (dB) Maximum Power (Watts)	138-174 3 150	138-174 3 150	138-174 3 150	138-174 3 150
Whip Length (In.) Whip Material	56" 17-7PH Stainless steel DURA-CON finish	*49" 17-7PH Stainless steel DURA-COAT finish	*56" 17-7PH Stainless steel DURA-CON finish	*49" 17-7PH Stainless steel DURA-C finish
Mount Type	3/4" hole mount	Magnetic mount K-220 supplied	Order KRMX66 separately Motorola style mounts	Order separately from Motoro style mounts
Cable Connector Warranty	17' RG58/U Order separately 2 years	12' RG58A/U PL-259 2 Years	Order separately Order separately 2 Years	Order separately Order separately 2 Years
TESSCO Part No.	**441060** 138-174	**18657** ^138-174	**19903** ^138-174	**50805** ^138-174
List Price: T-1 Price:	$47.50 $23.75	$72.50 $36.25	$32.50 $16.25	$42.50 $21.25
Ship lb.: T-2 Price:	2 lb. $23.52	2.35 lb. $35.89	1.42 lb. $16.09	1.42 lb. $21.04
Ship kg.: T-3 Price:	0.91 kg. $23.23	1.07 kg. $35.46	0.65 kg. $15.90	0.65 kg. $20.79

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tenna Specialists P7457	Antenex B1443 series	Comtelco A1813S	Radiall/Larsen LM150C	Radiall/Larsen NMO150CHW
SAIC high performance antenna h Dura-Flex spring. Includes 3/8" p-in style mount and cable. NO nector.	Base loaded 5/8 wave 3dB antenna and whip in a low visibility all black design.Plated brass fittings, machined Delrin coil form, gold plated contact and quick rod dis-connect.	3 dB gain 5/8 wave antenna with spring loaded contact coil. Includes shock spring and 3/4" Motorola hole mount with 17' of RG58/U cable. NO connector.	5/8 wave antenna and coil only. For use with mounts using 5/16"-24 threads. Field tunable.	Half wave antenna and coil only. For use with Motorola style mounts.
-174	130-174 3 200	144-174 3 200	144-174 3 200	144-174 2.5 with ground plane 200
" 7PH Stainless steel DURA-CON h	*49" 17-7PH tapered stainless steel	52" Stainless Steel	*49" 17-7PH Stainless steel "Kulrod" plated finish	*49" 17-7PH Stainless steel "Kulrod" plated finish.
Snap-in mount	Order separately from Motorola style mounts	3/4" Motorola Style	Order separately from 5/16"-24 stud mounts	Order separately from Motorola style mounts
RG58/U er separately ars	N/A N/A 2 Years	17' RG58/U Not Supplied 2 Years	N/A N/A 3 years	N/A N/A 3 years
22 ^138-174 75 $30.38 lb. $30.08 kg. $29.71	**12021** 144-174 Black $48.80 $28.11 1 lb. $23.38 0.45 kg. $21.87 **13270** 144-174 Chrome $36.30 $20.91 1 lb. $17.39 0.45 kg. $16.27 **54760** 144-174 Chr/Spring $46.70 $26.88 1.5 lb. $22.35 0.68 kg. $20.91	**51573** ^144-174 $63.55 $27.73 0.29 lb. $25.68 0.13 kg. $25.42	**34930** ^144-174 $31.20 $18.39 0.29 lb. $17.77 0.13 kg. $17.15	**26911** ^144-174 $51.20 $30.19 2.5 lb. $29.17 1.14 kg. $28.15

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130-174 MHz Gain [360-20]

Manufacturer Table	Radiall/Larsen NMO150	Radiall/Larsen NMOWB150BK	Radiall/Larsen PO150	Maxrad, Inc MHB5800
Product Narrative	Base loaded 3dB gain antenna. For use with Motorola style mounts.	Broadband (20MHz) tunable antenna. Matching circuitry in the base of the antenna. Complete with 3/4" hole mount, cable, and connector.	Base loaded 3dB gain antenna and coil only. For use when mounting on UHF female / PO mounts.	Heavy duty 5/8 wave antenna a coil only. Maintains desired res nant frequency through heavy shock vibrations.
Gen. Freq. (MHz) Gain (dB) Maximum Power (Watts)	144-174 3 200	134-174 2.5 with ground plane 100	144-174 3 200	144-174 3 200
Whip Length (In.) Whip Material	*49" 17-7PH Stainless steel "Kulrod" finish	*51-3/4" 17-7PH Stainless steel "Kulrod" plated finish.	*49" 17-7PH Stainless steel "Kulrod" finish	*49" 17-7PH Stainless steel
Mount Type	Order separately from Motorola style mounts	3/4" Hole mount	Order separately from PO series mounts	Order separately from Motorol style mounts
Cable Connector Warranty	N/A N/A 3 years	17' RG58A/U PL259 3 years	N/A N/A 3 years	N/A N/A 2 Years
TESSCO Part No.	**91732** ^144-174 Black	**39852** ^134-174 Black	**33355** ^144-174	**33825** ^144-174
List Price: T-1 Price:	$33.20 $19.57	$62.35 $36.78	$40.00 $23.60	$32.05 $16.02
Ship lb.: T-2 Price:	0.28 lb. $18.91	1.3 lb. $35.53	0.31 lb. $22.80	1.55 lb. $14.74
Ship kg.: T-3 Price:	0.13 kg. $18.25	0.59 kg. $34.29	0.14 kg. $22.00	0.70 kg. $14.71
	80715 ^144-174 Chrome			
	$30.70 $18.10			
	0.28 lb. $17.03			
	0.13 kg. $16.87			

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axrad, Inc MC150	Maxrad, Inc MHB5800	Maxrad, Inc MHB DC Series	Maxrad, Inc MMC150S	Maxrad, Inc MWB5803
wave antenna and molded atherproof coil only. For use h Motorola style mounts.	Heavy duty 5/8 wave antenna with shock spring. Maintains desired resonant frequency through heavy shock vibrations. For use with Motorola style mounts.	DC grounded base loaded 5/8 wave antenna and coil only. Requires less ground plane than conventional antennas and acheives less VSWR.	5/8 wave antenna with molded weatherproof coil and stainless steel spring. For use with Motorola style mounts.	5/8 wave wideband antenna. 18 MHz bandwidth @ 2:1 VSWR. Features a thick walled housing and rugged stainless steel spring for durability and shock absorption.
-174	144-174 3 200	132-174 3 200	144-174 3 200	132-174 3 200
' 7PH Stainless steel	*49" 17-7PH Stainless steel	*58" 17-7PH Stainless steel	*49" 17-7PH Stainless steel	*49" 17-7PH Stainless steel
ler separately from Motorola e mounts	Order separately from Motorola style mounts	Order separately from Motorola style mounts	Order separately from Motorola style mounts	Order separately from Motorola style mounts
, , ars	N/A N/A 2 Years	N/A N/A 2 Years	N/A N/A 2 Years	N/A N/A 2 Years
420 ^144-174 Black 00 $18.72 lb. $17.46 kg. $16.85 241 ^144-174 Chrome 00 $13.50 lb. $12.42 kg. $12.40	**84136** ^144-174 $42.05 $21.01 1.55 lb. $19.33 0.70 kg. $19.29	**74851** ^132-174 $42.80 $21.39 2 lb. $19.68 0.91 kg. $19.64 **36458** ^144-174 $41.60 $20.79 2 lb. $19.13 0.91 kg. $19.09	**17634** ^144-174 $35.50 $18.46 1.07 lb. $17.22 0.49 kg. $16.62	**26204** ^150-174 $54.60 $28.40 2.26 lb. $26.49 1.03 kg. $25.56

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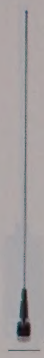
130-174 MHz Gain [360-20]

Manufacturer Table	Maxrad, Inc MWV-1322	Maxrad, Inc MWV-1322S	Cushcraft/Signals SN150A	Cushcraft/Signals SN150 Fastpack
				
Product Narrative	Wideband VHF antenna. Maintains desired resonant frequency through heavy shock vibrations. Spring is not included.	Wideband VHF antenna with shock spring. Maintains desired resonant frequency through heavy shock vibrations.	5/8 wave, 3 dB gain whip and coil only. For use with Motorola style mounts.	Four complete 5/8 wave 3 dB g antennas. Includes 3/4" hole mo cable and connector. 4 per box
Gen. Freq. (MHz)	132-174	132-174	144-174	144-174
Gain (dB)	2.4	2.4	3	3
Maximum Power (Watts)	200	200	200	200
Whip Length (In.)	*48"	*48"	*49	*49
Whip Material	17-7PH Stainless steel	17-7PH Stainless steel	17-7PH Stainless steel	17-7PH Stainless steel
Mount Type	Order separately from Motorola style mounts	Order separately from Motorola style mounts	Order separately from Motorola style mounts	3/4" Hole mount
Cable	N/A	N/A	N/A	14.5' RG58A/U
Connector	N/A	N/A	N/A	See below
Warranty	2 Years	2 Years	1 Year	1 Year
TESSCO Part No.	**27401** ^132-174	**65794** ^132-174	**48762** ^144-174	**60727** ^144-174 Mini U
				35548 ^144-174 PL259
List Price: T-1 Price:	$45.00 $22.50	$55.00 $27.50	$45.75 $27.44	$232.10 $98.64
Ship lb.: T-2 Price:	1.55 lb. $20.70	2 lb. $25.30	1 lb. $23.55	4 lb. $95.16
Ship kg.: T-3 Price:	0.70 kg. $20.66	0.91 kg. $25.25	0.45 kg. $22.86	1.82 kg. $90.98

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Antennas, Mobile Two-way, GPS, XM

	shcraft/Signals 150S Fastpack	Manufacturer Table	Antenna Specialists ASP861	Antenex B1442N	Radiall/Larsen OM150K
		130-174 MHz No Ground Plane Required [360-23]			
Product Narrative	complete 5/8 wave 3 dB gain nnas with spring. Includes 3/4" mount, cable and connector. 4 box		Heavy duty black coil antenna for non-metallic vehicles requires no ground plane. Special transformer uses series-fed "L" network design. Includes adjustable Motorola-compatible 3/8" hole mount for mounting surfaces up to 3/8" thick, cable and NO connector.	Base loaded 1/2 wave no ground plane antenna. High temperature ABS housing, triple plated brass fittings, machined Delrin coil, gold plated contact and quick rod disconnect.	Special self mounting base (2.25" dia.) antenna. 2.5dB with ground plane, unity gain without ground plane. Coax is internally attached to coil.
Gen. Freq. (MHz)	174		144-174	144-174	144-174
Gain (dB)			2	2.5	2.5/0
Maximum Power (Watts)			100	200	200
Whip Length (In.)			*44"	*49"	*49"
Whip Material	PH Stainless steel with spring		Stainless Steel	17-7PH tapered stainless steel	17-7PH Stainless steel "Kulrod" plated
Mount Type	Hole mount		3/8" Hole mount K-94 and K-27 supplied	Order separately from Motorola style mounts	Self mounting
Cable	RG58A/U		17' RG58/U	N/A	17' RG58A/U
Connector	below		NONE	N/A	PL-259
Warranty	ar		2 Years	2 Years	3 years
TESSCO Part No.	**34** ^144-174 MiniU		**50176** ^144-174	**89110** 144-174 Black	**23888** ^144-174
List Price: / T-1 Price:	**41** ^144-174 PL259		$88.75 / $44.82	$48.80 / $28.11	$59.50 / $35.11
Ship lb.: / T-2 Price:	.60 $110.76		2.19 lb. / $44.11	1 lb. / $23.38	0.94 lb. / $33.92
Ship kg.: / T-3 Price:	$106.85		1.00 kg. / $43.58	0.45 kg. / $21.87	0.43 kg. / $32.73
	kg. $102.16			**51663** 144-174 Chrome	
				$36.30 / $20.91	
				1 lb. / $17.39	
				0.45 kg. / $16.27	

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Manufacturer Table	Maxrad, Inc MHB5802NGP	Cushcraft/Signals SNH150	Manufacturer Table	Antenna Specialists ASP574
130-174 MHz No Ground Plane Required [360-23]			**130-174 MHz Glass,Low Profile, Marine [360-24]**	
Product Narrative	Heavy duty no ground plane antenna and coil only. For use with Motorola style mounts.	Half wave no ground plane antenna. For use with Motorola style mounts.	Product Narrative	Rugged low silhouette transit antenna is enclosed in a high im molded ASA radome to protec from hostile environments. Fie tunable. Requires a ground pla
Gen. Freq. (MHz) Gain (dB) Maximum Power (Watts)	144-174 2.4 200	 2 200		
Whip Length (In.) Whip Material	*49" 17-7PH Stainless steel	*49" 17-7PH Stainless Steel	Frequency Band (MHz) Gain (dB) Maximum Power (Watts)	148-174 Unity 100
Mount Type	Order separately from Motorola style mounts	Order separately from Motorola style mounts	Whip Length (In.) Whip Material	4.08" Copper clad steel in a white A plastic radome
Cable Connector Warranty	N/A N/A 2 Years	N/A N/A 1 Year	Mount Type	Screws and weatherproof gask supplied
TESSCO Part No.	**59004** ^144-174	**86630** 120-174	Cable Connector Warranty	Order separately UHF female 2 Years
List Price: T-1 Price:	$31.30 $16.28	$49.35 $29.60	**TESSCO Part No.**	**47479** ^148-160
Ship lb.: T-2 Price:	1.75 lb. $15.18	1 lb. $25.40	List Price: T-1 Price:	**85872** ^160-174
Ship kg.: T-3 Price:	0.80 kg. $14.65	0.45 kg. $24.66	Ship lb.: T-2 Price:	$118.00 $59.59
			Ship kg.: T-3 Price:	1.75 lb. $58.65 0.80 kg. $57.94

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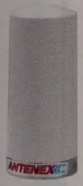
Antennas, Mobile Two-way, GPS, XM

tenex A1440



e VHF Phantom low visbility enna's exterior is made of high act ABS plastic suitable for de or outside use. It's field tun- e and offers approximately 1 z bandwidth. Features include a d-plated pushpin contact, O- seal in base and closed-cell n mount pad that seal out mois- e. The insert molded mount hing will not leak.

-160
y

Plastic

er separately from Motorola e mounts

ars

7128	^142-174 Black
9153	^142-174 White
3195	^150-168 Black
3192	^150-168 White
105	^156-174 Black
173	^156-174 White
00	$41.48
lb.	$34.49
kg.	$32.26

Comtelco Comtelco A1611

These low profile VHF transit antennas provide unity gain in a design for heavy duty service. Molded covers UV inhibited ABS plastic. ABS base has an ultrasonically welded brass insert and a gold plated spring loaded contact. Order Motorola style mount separately.

150-174
Unity
200

3"
ABS Plastic

Order separately from Motorola style mounts

N/A
N/A
2 Years

443341 NEW	152-154 White
441149 NEW	154-156 Black
426190	156-158 Black
$50.00	$32.15
1 lb.	$23.55
0.45 kg.	$23.10

Radiall/Larsen LPNMO Series

The Radiall/Larsen Mirage VHF low profile mobile antenna offers a compact design, just 3.75" tall and 4.5" in diameter, and mounts on the industry standard NMO 3/4" mount. The Mirage features a durable UV and chemical resistant Makroblend resin polymer plastic housing and a SuperSeal gasket to seal around the mount as well as the diameter of the antenna. Also available in white.

151-175
Unity
60

3.75
Plastic

NMO

Order separately
N/A
3 year

498076	151.02-152.98
Black	
489070	152.96-155.04
Black	
427029	154.42-156.58
Black	
439052	156.38-158.62
Black	
489079	158.33-160.67
Black	
492098	160.29-162.71
Black	
439040	162.75-165.25
Black	
484015	165.21-167.79
Black	
466062	167.68-170.32
Black	
453027	170.16-172.84
Black	
437051	172.14-174.86
Black	
$76.70	$45.24
0.75 lb.	$43.71
0.34 kg.	$42.17

Sinclair Excaliber 221

Rugged low profile antenna is designed for a variety of mobile applications: railroad locomotives, taxis, police cars, emergency vehicles, buses and trucks. UHF female termination. *Specify Exact Frequency*

140-174
Unity
300

L-23", W-2.2", H-4"
Cast Aluminum

Screws and weatherproof gaskets supplied

Order separately
N/A
2 Years

79052	*162-174
$236.00	$200.60
5 lb.	$181.72
2.27 kg.	$177.00

Sinclair Excaliber 221R

Radome enclosed antenna is designed for a variety of mobile applications including railroad locomotives, taxis, police cars, emergency vehicles, buses and trucks. UHF female termination. *Specify Exact Frequency*

132-174
Unity
300

23" Width= 4.6" Height= 4.8"
Cast Aluminum in a gray fiberglass radome, 4.8"H

Screws and weatherproof gaskets supplied

Order separately
N/A
2 Years

428134 NEW	*132-174
$196.00	$166.60
3 lb.	$150.92
1.36 kg.	$147.00

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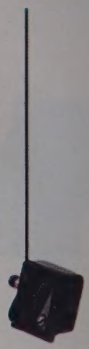
Antennas, Mobile Two-way, GPS, XM 130-174 MHz Glass,Low Profile, Marine [3

130-174 MHz Glass,Low Profile, Marine [360-24]

Manufacturer Table	ARC Wireless Solutions CVA Series	Radiall/Larsen KG144	Antenna Specialists AP143/AP153	Antenna Specialists APR151.3
				
Product Narrative	Decal antenna is designed to be mounted inside the windshield. Black .003" circuit. Almost disappears into glareband. Retail packaged.	1/2 wave 2.5 dB gain glass mounted antenna. Includes 14' of dual shield coax and connector.	On-Glass cellular look-alike tunable (6 MHz) disguise antenna. Self resonant gain type halfwave does not require a ground plane to achieve low VSWR. Whip is adjustable to vertical position and can be removed for car wash.	On-Glass tunable (6 MHz) ante with standard whip. Self resona gain type halfwave does not requ a ground plane to achieve low VSWR. Whip is adjustable to ve cal position and can be removed car wash.
Frequency Band (MHz) Gain (dB) Maximum Power (Watts)	128-180 1.2 35	144-160 Unity 100	138-174 Unity 100	144-174 3 dB 100
Whip Length (In.) Whip Material	3.5sq Copper Clad polymide	*45 17-7 Stainless Steel "Kulrod" plated finish.	26" Stainless steel	*33" Stainless steel
Mount Type	Interior glass mount	Glass mount	On glass	On glass
Cable Connector Warranty	16' RG58A/U None included 1 Year	14' RG58/U dual shield PL-259 3 years	15' RG58/U PL-259 2 Years	15' RG58/U PL-259 2 Years
TESSCO Part No. List Price: T-1 Price: Ship lb.: T-2 Price: Ship kg.: T-3 Price:	**98638** 128-143 **64347** 140-155 $73.45 $34.00 0.5 lb. $29.98 0.23 kg. $29.38 **12740** 145-165 $53.00 $24.53 0.5 lb. $21.63 0.23 kg. $21.20 **71198** 155-180 $73.45 $34.00 0.5 lb. $29.98 0.23 kg. $29.38	**51891** 144-160 $83.35 $49.17 0.9 lb. $47.50 0.41 kg. $45.84	**32690** ^138-150 **49524** ^150-174 $78.25 $39.13 1.62 lb. $38.74 0.74 kg. $38.27	**24345** ^144-174 $75.00 $37.50 1.82 lb. $37.13 0.83 kg. $36.68

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Antennas, Mobile Two-way, GPS, XM

tenna Specialists 2152 3	AC Marine A/S CELmar1	AC Marine A/S PD56-5	AC Marine A/S CX4	AC Marine A/S CX35/8
-Glass broadband (24 MHz) enna with standard whip. Self onant gain type halfwave does require a ground plane to ieve low VSWR. Whip is adjust- e to vertical position and can be noved for car wash.	Fiberglass sailboat antenna. Lighweight for minimum wind drag. Provides maximum resistance to salt spray. UHF female termination. Order mounting and cable separately.	Stainless steel sailboat antenna. Featuring very low wind drag and maximum resistance to salt spray. Includes an integral UHF female connector. Order cable separately.	Fiberglass marine antenna. Short length is ideal for sailboat and powerboats. Directs the signal to the horizon and not skyward.	Fiberglass radome has white polymer coating to double seal the fiberglass and pro-vide a smooth glossy finish.Stainless steel base has a 1"-14 male thread.
-174 3	156-162.5 0/3 100	156-162.5 0/3 100	146-162.5 0/3 100	156-162.5 3/6 100
nless steel	3.5' Fiberglass	3' Stainless steel	4 Ft. Smooth fiberglass with Polymer coating	8'6" Fiberglass with white Polymer coating
glass	1"-14 male thread. Order mount separately.	Stainless steel L- bracket	1"-14 Male thread Order mount separatley	1"-14 female thread. Order mount separately.
RG58/U 259 ear	Order separately. UHF female 1 Year	Order separately UHF female 1 Year	Order separately UHF female 1 Year	Order separately UHF female 1 Year
131 ^150-174 .25 $33.13 lb. $32.80 kg. $32.40	**30283** 156-162.5 $71.55 $44.35 2 lb. $41.13 0.91 kg. $40.06	**99251** ^156-162.5 $61.05 $37.86 2 lb. $35.11 0.91 kg. $34.19	**74479** 146-162.5 $108.55 $67.28 2.32 lb. $62.40 1.05 kg. $60.77	**36086** 156-162.5 $195.30 $121.07 1.5 lb. $112.28 0.68 kg. $109.35

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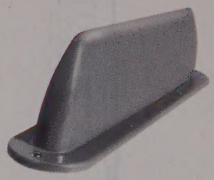
Antennas, Mobile Two-way, GPS, XM 130-174 MHz Glass,Low Profile, Marine [3

Manufacturer	Table	AC Marine A/S	CELmar2	Manufacturer	Table	Antenna Specialists	ASPH574	Maxrad, Inc	MHB2200
130-174 MHz Glass,Low Profile, Marine [360-24]				**200-250 MHz All Styles [360-25]**					
Product Narrative		3 dB gain fiberglass marine antenna. Requires no ground plane. Easily removed for storage without handling feed cable. Includes 20' of cable. NO connector.		Product Narrative		Rugged low silhouette transit antenna is enclosed in a high impact molded ASA radome to protect it from hostile environments. Field tunable. Mini UHF female bulkhead connector. Requires a ground plane.		Unity gain quarterwave antenna only. Ready to install, no rod cu ting. For use with Motorola sty mounts.	
				Gen. Freq. (MHz)		220-222		220-225	
				Gain (dB)		Unity		Unity	
				Maximum Power (Watts)		100		150	
				Whip Length (In.)		4.08"		*21"	
				Whip Material		Copper clad steel in a white ASA plastic dome		17-7PH Stainless steel	
Frequency Band (MHz)		156-162.5							
Gain (dB)		0/3							
Maximum Power (Watts)		100							
Whip Length (In.)		3.5'							
Whip Material		Fiberglass							
Mount Type		Order separately		Mount Type		Screws and weatherptoof gasket supplied		Order separately from Motoro style mounts	
Cable		20' RG58C/U		Cable		Order separately		N/A	
Connector		Order separately		Connector		Order separately		N/A	
Warranty		1 Year		Warranty		1 Year		2 Years	
TESSCO Part No.		**439099**	156-162.5	**TESSCO Part No.**		**36114**	220-222	**62701**	^220-225 Black
List Price:	T-1 Price:	$68.55	$42.48	List Price:	T-1 Price:	$143.00	$72.22	$14.10	$7.34
Ship lb.:	T-2 Price:	2 lb.	$39.40	Ship lb.:	T-2 Price:	2 lb.	$71.08	0.15 lb.	$6.84
Ship kg.:	T-3 Price:	0.91 kg.	$38.37	Ship kg.:	T-3 Price:	0.91 kg.	$70.22	0.07 kg.	$6.60
								54533	^220-225 Chro
								$7.85	$4.08
								0.15 lb.	$3.81
								0.07 kg.	$3.67

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Antennas, Mobile Two-way, GPS, XM

rad, Inc B2002NGP	Antenna Specialists ASPH7450	Antenna Specialists ASP7455	Radiall/Larsen LM220C	Radiall/Larsen NMO220
y duty no ground plane nna and coil only. For use with orola style mounts.	MOSAIC high performance antenna with Dura-Flex spring. Includes 3/4" hole Motorola style mount and cable. NO connector.	High performance MOSAIC antenna with DURA-FLEX spring. For use with Lo-profile or Motorola style mounts.	5/8 wave design, antenna and coil only. For use with mounts using 5/16"-24 thread stud.	5/8 wave design, antenna and coil only. For use with Motorola style mounts.
250	210-230 3 150	210-230 3 150	220-225 3 200	220-225 3 200
PH Stainless steel	*27" 17-7PH Stainless steel DURA-CON finish	*27" 17-7PH Stainless steel DURA-CON finish	*30" 17-7PH Stainless steel "Kulrod" plated	*30" 17-7PH Stainless steel "Kulrod" plated
r separately from Motorola mounts	3/4" Hole mount KRMX66 suplied	Order separately from Motorola style mounts	Order separately from 5/16"-24 THDS stud mounts	Order separately from Motorola style mounts
rs	17' RG58/U Order separately 2 Year	N/A N/A 2 Year	N/A N/A 3 years	N/A N/A 3 years
15 ^200-250 0 $16.28 b. $15.18 kg. $14.65	**45852** ^210-230 $57.50 $28.75 1.58 lb. $28.47 0.72 kg. $28.12	**47101** ^210-230 $43.00 $21.50 1.08 lb. $21.29 0.49 kg. $21.03	**21716** ^200-225 Chrome $34.70 $20.46 0.28 lb. $19.77 0.13 kg. $19.07	**13697** ^200-225 Black $36.85 $21.73 0.28 lb. $21.00 0.13 kg. $20.26

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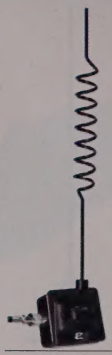
Manufacturer Table	Maxrad, Inc MHB5820	Maxrad, Inc MMC200	Antenna Specialists APR223.3M	Manufacturer Table
200-250 MHz All Styles [360-25]				**406-512 MHz Quarter Wave Unity Gain [360-26]**
Product Narrative	Heavy duty 5/8 wave antenna and coil only. Maintains desired resonant frequency through heavy shock vibrations.	5/8 wave antenna and molded weatherproof coil only. For use with Motorola style mounts.	Halfwave "On-Glass" antenna. Does not require ground plane. Whip is adjustable to vertical position. Molded polyurethane foot has brass insert and stainless steel hardware.	Product Narrative
Gen. Freq. (MHz) Gain (dB) Maximum Power (Watts)	200-250 3 200	200-250 3 200	210-230 3 100/150	Gen. Freq. (MHz) Gain (dB) Maximum Power (Watts)
Whip Length (In.) Whip Material	*49" 17-7PH Stainless steel	*49" 17-7PH Stainless steel	*14" 17-7PH Stainless steel w/ Black Dura-Coat finish	Whip Length (In.) Whip Material
Mount Type	Order separately from Motorola style mounts	Order separately from Motorola style mounts	On glass	Mount Type
Cable Connector Warranty	N/A N/A 2 Years	N/A N/A 2 Years	15.0' RG58/U Mini UHF 2 Years	Cable Connector Warranty
TESSCO Part No.	**84183** ^200-250	**56027** ^200-250	**91383** ^210-230	**TESSCO Part No.**
List Price: T-1 Price:	$32.05 $16.66	$27.00 $14.04	$65.50 $33.08	List Price: T-1 Price
Ship lb.: T-2 Price:	1.62 lb. $15.54	2.27 lb. $13.10	0.76 lb. $32.56	Ship lb.: T-2 Price
Ship kg.: T-3 Price:	0.74 kg. $14.99	1.03 kg. $12.64	0.35 kg. $32.17	Ship kg.: T-3 Price

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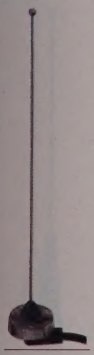
enna Specialists R1610	Antenna Specialists ASPR1615	Antenex QW450	Comtelco A1211A	Maxrad, Inc MUF4500 Series
				
ome Dome" unity gain quarave antenna. Includes .072 dia. with shock absorbing rubber t and Motorola style 3/4" hole nt with cable. NO connector.	"Chrome Dome" unity gain quarterwave antenna. Includes .072 dia. whip with shock absorbing rubber insert. Order Motorola style mount separately.	Quarterwave antenna for Motorola style mounts with a "brass button" contact design that provides for a better match and more contact surface coverage.	Unity gain quarterwave antenna only. Features a brass triple plated chrome nut. Stainless steel flexible whip for reliable service.	Unity gain quarterwave antenna only. Ready to install, no rod cutting. For use with Motorola style mounts.
470	406-512 Unity 150	406-512 Unity 200	406-512 Unity 200	430-512 Unity 150
less steel .072" dia.	*6.5" Stainless steel .072" dia.	6" Type 302 stainless steel	*6" 17-7PH Stainless steel	*6" 17-7PH Stainless steel
hole mount KRMX66 supplied	Order separately from Motorola style mounts	Order separately from Motorola style mounts	Order separately from Motorola style mounts	Order separately from Motorola style mounts
G58/U IE rs	N/A N/A 2 Years	N/A N/A 2 Years	N/A N/A 2 Years	N/A N/A 2 Years
73 ^430-470 0 $10.36 b. $10.19 kg. $10.07	**27166** ^406-430 **65559** ^430-470 **13952** ^470-512 $9.50 $4.80 0.19 lb. $4.73 0.09 kg. $4.67	**92560** 430-450 Black **74344** 450-470 Black $14.75 $8.50 0.1 lb. $7.07 0.05 kg. $6.61 **49165** 450-470 Chrome $8.25 $4.76 0.1 lb. $3.96 0.05 kg. $3.70 **90425** 470-490 Black $14.75 $8.50 0.1 lb. $7.07 0.05 kg. $6.61 **39541** 470-490 Chrome $8.25 $4.76 0.1 lb. $3.96 0.05 kg. $3.70 **76131** 490-512 Black $14.75 $8.50 0.1 lb. $7.07 0.05 kg. $6.61	**14334** 450-470 Chrome $6.90 $3.30 0.1 lb. $2.97 0.05 kg. $2.75 **98751** 470-490 Chrome $6.75 $3.24 0.1 lb. $2.92 0.05 kg. $2.70	**90627** 430-450 Black $14.10 $7.34 0.13 lb. $6.84 0.06 kg. $6.60 **12393** 430-450 Chrome $7.85 $4.08 0.13 lb. $3.81 0.06 kg. $3.67 **24358** 450-470 Black $14.10 $7.34 0.13 lb. $6.84 0.06 kg. $6.60 **75965** 450-470 Chrome $7.85 $4.08 0.13 lb. $3.81 0.06 kg. $3.67 **77413** 470-490 Black $14.10 $7.34 0.13 lb. $6.84 0.06 kg. $6.60 **21860** 470-490 Chrome **98646** 490-512 Chrome $7.85 $4.08 0.13 lb. $3.81 0.06 kg. $3.67

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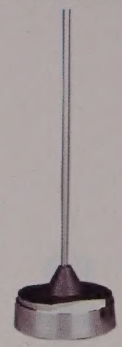
406-512 MHz Quarter Wave Unity Gain [360-26]

	Manufacturer Table	Maxrad, Inc MUF4500M	Cushcraft/Signals SN4501A/SN4701A
Product Narrative		Chrome unity gain quarterwave antenna with mount, cable and connector.	Super Silverbutton quarter- wave antenna. Contact between mount and antenna covers 100% of the contact surface for broader match. For use with Motorola style mounts.
Gen. Freq. (MHz)		450-470	450-512
Gain (dB)		Unity	Unity
Maximum Power (Watts)		150	200
Whip Length (In.)		7"	*6
Whip Material		Stainless Steel	17-7PH Stainless steel
Mount Type		3/4" hole brass mount	Order separately from Motorola style mounts
Cable		17' RG58A/U	N/A
Connector		UHF Male	N/A
Warranty		2 Years	1 Year
TESSCO Part No.		**434322** NEW ^450-470	**83408** 450-470
List Price:	T-1 Price:	$22.00 $11.43	**80910** 470-490
Ship lb.:	T-2 Price:	0.7 lb. $10.66	$10.20 $6.11
Ship kg.:	T-3 Price:	0.32 kg. $10.29	0.1 lb. $5.24
			0.05 kg. $5.09



406-512 MHz Gain [360-28]

	Manufacturer Table	Antenna Specialists ASP7790
Product Narrative		MOSAIC high performance ant with Dura-Flex spring. All bras insert eliminates interference. B UV stabilized base. Includes 3/4 hole Motorola style mount and cable. NO connector.
Gen. Freq. (MHz)		445-470
Gain (dB)		3
Maximum Power (Watts)		150
Whip Length (In.)		13"
Whip Material		17-7PH Stainless steel DURA-C finish
Mount Type		3/4" Hole mount KMX-66 supp
Cable		17' RG58/U
Connector		Order separately
Warranty		2 Years
TESSCO Part No.		**64019** 445-470
List Price:	T-1 Price:	$52.00 $26.00
Ship lb.:	T-2 Price:	1.46 lb. $25.74
Ship kg.:	T-3 Price:	0.66 kg. $25.43

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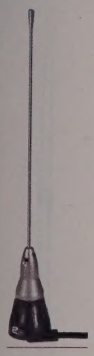
tenna Specialists P7790LS	Antenna Specialists ASP7795	Antenna Specialists ASP7795LS	Antenex B4503	Comtelco A1843S
				
SAIC high performance antenna hout spring. All brass insert inates interference. Black UV ilized base. Includes 3/4" hole orola style mount and cable. connector.	MOSAIC high performance antenna with Dura-Flex spring. All brass insert eliminates interference. Black UV stabilized base. For use with Motorola style mounts.	Motorola style MOSAIC springless version antenna. For use with Motorola style mounts.	Base loaded 5/8 wave antenna and load coil. Features a molded ABS housing, triple plated brass fittings, machined Delrin coil form, gold plated contact and quick rod disconnect. For use with Motorola style mounts.	3dB gain 5/8 wave antenna. Includes shock spring, spring loaded contact coil and 3/4" hole Motorola style mount with 17' RG58/U cable. NO connector.
	445-470 3 150	445-470 3 150	406-512 3 200	406-512 3 200
PH Stainless steel DURA-CON n	13" 17-7PH Stainless steel DURA-CON finish	16" 17-7PH Stainless steel DURA-CON finish	15" 17-7PH Stainless steel	52" Stainless Steel
hole mount	Order separately from Motorola style mounts	Order KRMX66 separately Motorola style mounts	Order separately from Motorola style mounts	3/4" hole mount
RG58/U er separately ars	N/A N/A 2 Years	N/A N/A 2 Years	N/A N/A 2 Years	17' RG58/U Order separately 2 Years
051 445-470 50 $21.25 5. $21.04 kg. $20.79	**36342** 445-470 $37.00 $18.50 0.7 lb. $18.32 0.32 kg. $18.10	**96689** 445-470 $27.50 $13.75 0.7 lb. $13.62 0.32 kg. $13.45	**453098** 406-430 Black **12324** 450-470 Black $44.00 $25.35 1 lb. $21.08 0.45 kg. $19.72 **23461** 450-470 Chrome $31.50 $18.15 1 lb. $15.09 0.45 kg. $14.12	**88717** ^450-470 **37110** ^470-490 $61.90 $27.00 2 lb. $25.00 0.91 kg. $24.75

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406-512 MHz Gain [360-28]

Manufacturer Table	Radiall/Larsen NMQB Series	Radiall/Larsen NMOC Series	Maxrad, Inc MWU4002S	Maxrad, Inc MWU4505
Product Narrative	Motorola style collinear antenna. Open coil black whip. For use with Motorola style mounts.	Motorola style collinear antenna and coil only. For use with Motorola style mounts.	Wideband (106 MHz) antenna with spring. 2 db gain with ground plane, 0 db without ground plane. For use with Motorola style mounts.	Wideband (34-42 MHz) antenna without spring. For use with Motorola style mounts.
Gen. Freq. (MHz) Gain (dB) Maximum Power (Watts)	406-512 3.2 200	406-512 3.4 200	406-512 2/0 150	406-512 4.5 150
Whip Length (In.) Whip Material	30" 17-7 PH Stainless steel black "Kulrod" finish	33" 17-7 PH Stainless steel "Kulrod" plated	12" 17-7PH Stainless steel	32" 17-7PH Stainless steel
Mount Type	Order separately from Motorola style mounts	Order separately from Motorola style mounts	Order separately from Motorola style mounts	Order separately from Motorola style mounts
Cable Connector Warranty	N/A N/A 3 years	N/A N/A 3 years	N/A N/A 2 Years	N/A N/A 2 Years
TESSCO Part No.	**77269** 406-420	**38876** 406-420	**85825** 406-512	**14187** 440-480
List Price: T-1 Price:	**62806** 450-470	**89234** 440-460	$54.00 $27.00	**73860** 470-512
Ship lb.: T-2 Price:	**61557** 490-512	**29885** 450-470	1 lb. $24.84	$48.00 $24.00
Ship kg.: T-3 Price:	$35.85 $21.14	**36378** 470-490	0.45 kg. $24.79	2 lb. $22.08
	0.25 lb. $20.43	**23164** 490-512		0.91 kg. $22.04
	0.11 kg. $19.71	$29.35 $17.31		
		0.27 lb. $16.72		
		0.12 kg. $16.14		

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rad, Inc U4505S	Maxrad, Inc MUF4303	Maxrad, Inc MUF4503S	Maxrad, Inc MUF4503	Antenna Specialists ASP7654
band (34-42 MHz) antenna spring. For use with Motorola mounts.	5/8 wave antenna with triple-plated brass fitting, stainless steel whip and shock-resistant matching coil. For use with Motorola style mounts.	Motorola style 5/8 wave antenna with spring. Antenna is field tunable with-in 5 mHz. For use with Motorola style mounts. Can not be used without spring.	5/8 wave triple-plated brass fitting, stainless steel whip and shock-resistant matching coil. For use with Motorola style mounts.	MOSAIC high performance antenna with Dura-Flex spring. All brass inserts eliminate interference. Black UV base resists chalking. Includes magnet mount with cable. NO connector.
12	406-512 3 200	406-512 3 200	406-512 3 200	445-470 5 150
H Stainless steel	16" 17-7PH Stainless steel	16" 17-7PH Stainless steel	16" 17-7PH Stainless steel	34" 17-7PH Stainless steel DURA-CON finish
separately from Motorola mounts	Order separately from Motorola style mounts	Order separately from Motorola style mounts	Order separately from Motorola style mounts	Magnetic mount K-220 supplied
rs	N/A N/A 2 Years	N/A N/A 2 Years	N/A N/A 2 Years	12' RG58A/U Order separately 2 Years
6 406-440 9 420-460 0 440-480 2 470-512) $29.00 $26.68 g. $26.63	**77214** 430-450 $27.90 $14.49 1.5 lb. $13.52 0.68 kg. $13.04	**36323** 450-470 **16737** 470-490 $37.90 $19.69 1.7 lb. $18.37 0.77 kg. $17.72	**87930** 450-470 $27.90 $14.49 1.5 lb. $13.52 0.68 kg. $13.04	**53303** 445-470 $75.75 $37.88 2.23 lb. $37.50 1.01 kg. $37.05

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406-512 MHz Gain [360-28]

Manufacturer Table	Antenna Specialists ASP7650	Antenna Specialists ASP7650LS	Antenna Specialists ASP7657	Antenna Specialists ASP7655LS
Product Narrative	MOSAIC high performance antenna with Dura-Flex spring. All brass inserts eliminate interference. Black UV base resists chalking. Includes 3/4" hole mount with cable. NO connector.	Motorola style MOSAIC antenna springless version. For use with Motorola style mounts.	MOSAIC high performance antenna with Dura-Flex spring. Eliminates duplex noise. Includes 3/8" snap-in mount and cable. NO connector.	Motorola style MOSAIC anten springless version. For use wit Motorola style mounts.
Gen. Freq. (MHz) Gain (dB) Maximum Power (Watts)	406-512 5 150	406-512 5 150	445-470 5 150	406-512 5 150
Whip Length (In.) Whip Material	34" 17-7PH Stainless steel DURA-CON finish	35" 17-7PH Stainless steel DURA-CON finish	34" 17-7PH Stainless steel DURA-CON finish	35" 17-7PH Stainless steel DURA-C finish
Mount Type	3/4" Hole mount KRMX66 supplied	3/4" Hole Mount	3/8" Snap in mount KL-768 supplied	Order KRMX66 or Motorola s mount separately
Cable Connector Warranty	17' RG58/U Order separately 2 Years	17' RG58/U Order separately 2 Years	17' RG58/U Order separately 2 Years	Order separately Order separately 2 Years
TESSCO Part No.	**29373** 406-420	**428036** 445-470	**25626** 445-470	**58296** 445-470
List Price: T-1 Price:	**14910** 420-430	$47.50 $23.75	$63.25 $31.63	$32.50 $16.25
Ship lb.: T-2 Price:	**42587** 445-470	1.5 lb. $23.52	1.72 lb. $31.31	1.07 lb. $16.09
Ship kg.: T-3 Price:	**28124** 470-494	0.68 kg. $23.23	0.78 kg. $30.93	0.49 kg. $15.90
	66517 494-512			
	$60.00 $30.00			
	1.64 lb. $29.70			
	0.75 kg. $29.34			

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nna Specialists 7655	Antenex BB4505C	Antenex B4505C	Antenex A4503C	Comtelco A1845S
rola style MOSAIC antenna DURA-FLEX spring. Eliminates x noise caused by semi-con- e deposits found in metal coil gs. For use with Motorola mounts.	Base loaded 5/8 over 5/8 wave 5dB antenna in a low visibility all black design. Plated brass fittings, machined Delrin coil form, gold plated contact and quick rod disconnect. For use with Motorola style mounts.	Base loaded 5/8 over 5/8 wave 5dB antenna. With molded ABS housing, triple plated brass fittings, machined Delrin coil form, gold plated contact and quick rod disconnect. For use with Motorola style mounts.	5 dB gain antenna features a molded ABS mount base, open collinear radiator and a stylish aerodynamic design. For use with Motorola style mounts.	5dB gain 5/8 wave over 5/8 wave antenna. Features spring loaded contact coil. Includes spring, 3/4" hole mount and cable. NO connector.
12	406-512 5 200	406-512 5 200	406-512 5 200	406-512 5 200
H Stainless steel DURA-CON	40" 17-7ph stainless steel enclosed coil collinear rod	40" 17-7ph stainless steel enclosed coil collinear rod	33" 17-7 PH Stainless steel "Kulrod" plated	52" Stainless Steel
separately from Motorola nounts	Order separately from Motorola style mounts	Order separately from Motorola style mounts	Order separately from Motorola style mounts	3/4" Motorola Style
Seperately s	N/A N/A 2 Years	N/A N/A 2 Years	N/A N/A 3 years	17' RG58/U Order separately 2 Years
0 406-420 9 420-430 4 445-470 3 470-494 6 494-512 $22.50 $22.28 $22.01	**458011** 406-430 $51.75 $29.81 1 lb. $24.79 0.45 kg. $23.18	**90056** 450-470 Chrome $39.25 $22.61 0.46 lb. $18.80 0.21 kg. $17.58 **23986** 450-470 Black $51.75 $29.81 0.46 lb. $24.79 0.21 kg. $23.18 **25235** 470-490 Chrome $39.25 $22.61 0.46 lb. $18.80 0.21 kg. $17.58	**96191** 470-494 $29.90 $17.21 0.26 lb. $14.31 0.12 kg. $13.39	**10682** ^450-470 **49075** ^470-490 $68.40 $29.84 0.5 lb. $27.63 0.23 kg. $27.35

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406-512 MHz Gain [360-28]

Manufacturer Table	Radiall/Larsen LM450	Radiall/Larsen NMO450CHW	Radiall/Larsen PO450C	Maxrad, Inc BMAX455 Series
Product Narrative	3.4 dB gain collinear antenna. For use with "LM" style mounts or any mount using 5/16"-24 threaded stud.	1/2 wave collinear antenna. Antenna also operates without a ground plane but with less gain. For use with Motorola style mounts.	Base loaded 3.4dB gain antenna and coil only. For use when mounting on UHF female /PO mounts.	Motorola style collinear anten only. Max base mounting with spring loaded contact. For use Motorola style mounts.
Gen. Freq. (MHz) Gain (dB) Maximum Power (Watts)	440-470 3.4 200	406-512 5.5 200	450-470 3.4 200	406-512 5 200
Whip Length (In.) Whip Material	33" 17-7PH Stainless steel "Kulrod" finish	35.5" 17-7PH Stainless steel "Kulrod" finish	*31.75" 17-7PH Stainless steel "Kulrod" finish	*31" 17-7PH Stainless steel
Mount Type	Order separately from LM series mounts	Order separately from NMO series mounts	Order separately from PO series mounts	Order separately from Motor style mounts
Cable Connector Warranty	N/A N/A 3 years	N/A N/A 3 years	N/A N/A 3 years	N/A N/A 2 Years
TESSCO Part No.	**58860** 450-470	**11199** 450-470	**39215** ^450-470	**48288** ^450-470 Blac
List Price: T-1 Price:	$34.85 $20.55	$59.50 $35.11	$39.50 $23.31	$37.20 $19.35
Ship lb.: T-2 Price:	0.33 lb. $19.86	0.63 lb. $33.92	0.3 lb. $22.52	1.14 lb. $18.05
Ship kg.: T-3 Price:	0.15 kg. $19.16	0.29 kg. $32.73	0.14 kg. $21.73	0.52 kg. $17.41

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Antennas, Mobile Two-way, GPS, XM

xrad, Inc C450	Maxrad, Inc MMC450S	Maxrad, Inc MUF4505 Series	Maxrad, Inc MUF4505M Series	Maxrad, Inc MUFL4505
orola style collinear antenna . The top stud and mount ads are insert molded to pre- twisting, pulling out or water ge. For use with Motorola mounts.	Motorola style collinear antenna only with spring. Top stud and mount threads are insert molded to prevent twisting, pulling out or water leakage. For use with Motorola style mounts.	Motorola style collinear antenna only. Features a chrome plated, low profile mounting base. For use with Motorola style mounts.	Motorola style collinear antenna. Features a chrome plated, low profile mounting base. Includes 3/4" hole mount with RG58 cable and connector.	5 dB gain collinear antenna. For use with "L" mounts or any mount using a 5/16"-24 threaded stud.
512	450-512 5 200	406-512 5 200	406-512 5 200	450-470 5 200
PH Stainless steel	*38" 17-7PH Stainless steel	31" 17-7PH Stainless steel	31 17-7PH stainless steel	31" 17-7PH Stainless steel
r separately from Motorola mounts	Order separately from Motorola style mounts	Order separately from Motorola style mounts	3/4" hole mount	Order separately from 5/16"-24 Stud mounts
urs	N/A N/A 90 Days	N/A N/A 2 Years	17' RG58A/U PL259 2 years	N/A N/A 2 Years
75 450-470 Black 20 $21.43 lb. $19.99 kg. $19.29 **54** 450-470 Chrome 5 $15.97 b. $14.90 kg. $14.38	**28350** 450-470 $39.25 $20.39 1.75 lb. $19.02 0.80 kg. $18.35	**49107** 406-430 **37572** 430-450 **74716** 450-470 $34.90 $18.13 1.25 lb. $16.91 0.57 kg. $16.32 **57664** 450-470 w/Spring $44.90 $23.33 1.5 lb. $21.76 0.68 kg. $21.00 **35074** 470-494 **47039** 490-512 $34.90 $18.13 1.25 lb. $16.91 0.57 kg. $16.32	**81307** 450-470 $47.65 $24.78 1.32 lb. $23.11 0.60 kg. $22.30	**80309** 450-470 Chrome $20.55 $10.69 1.46 lb. $9.97 0.66 kg. $9.62

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406-512 MHz Gain [360-28]

Manufacturer Table	Maxrad, Inc MVB4505	Cushcraft/Signals SN450A	Cushcraft/Signals SN450L Fastpack	Cushcraft/Signals SN450 Fastpack
Product Narrative	5 dB gain 5/8 wave over 1/2 wave collinear wideband (42 MHz) antenna. Low profile, double sealed base for maximum weatherproofing. For use with Motorola style mounts.	5 dB gain collinear antenna only. For use with Motorola style mounts.	Four complete 5 dB gain collinear antennas. Includes 3/4" hole mount, Ultralink cable (RG58 size) and connector. 4 per box	Four complete 5 dB gain colli antennas. Includes 3/4" hole m cable and connector. 4 per bo
Gen. Freq. (MHz)	406-512	450-512	450-512	450-512
Gain (dB)	5	5	5	5
Maximum Power (Watts)	200	200	200	200
Whip Length (In.)	*31"	*31"	*31"	*31"
Whip Material	17-7PH Stainless steel	17-7PH Stainless steel	17-7PH Stainless steel	17-7PH Stainless steel
Mount Type	Order separately from Motorola style mounts	Order separately from Motorola style mounts	3/4" Hole mount	3/4" Hole mount
Cable	N/A	N/A	14.5' Ultralink	14.5' RG58A/U
Connector	N/A	N/A	PL-259	See below
Warranty	2 Years	1 Year	1 Year	1 Year
TESSCO Part No.	**77811** 450-470	**70194** ^450-470	**95373** ^450-470	**56980** ^450-470 PL25
List Price: T-1 Price:	$53.00 $27.56	$45.75 $27.44	$252.00 $107.10	$236.00 $100.30
Ship lb.: T-2 Price:	1.01 lb. $25.71	1 lb. $23.55	4 lb. $103.32	4 lb. $96.76
Ship kg.: T-3 Price:	0.46 kg. $24.81	0.45 kg. $22.86	1.82 kg. $98.79	1.82 kg. $92.52

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hcraft/Signals 450S Fastpack	Cushcraft/Signals SN450SL Fastpack	Manufacturer Table	Maxrad, Inc MUF4502NGP	Maxrad, Inc MUF4502S
		406-512 MHz No Ground Plane Required [360-29]		
complete 5 dB gain collinear nnas with spring. Includes 3/4" mount, cable and connector. 4 box	Four complete 5 dB gain collinear antennas with spring. Includes 3/4" hole mount, cable and connector. 4 per box	Product Narrative	No ground plane halfwave antenna. For installations that have no metallic surface or suitable means for a ground plane. Can not be used with spring. For use with Motorola style mounts.	No ground plane halfwave antenna. For installations that have no metallic surface or suitable means for a ground plane. Includes spring which must be used for proper operation. For use with Motorola style mounts.
512	450-512 5 200	Gen. Freq. (MHz) Gain (dB) Maximum Power (Watts)	450-470 Unity 200	406-512 Unity 200
PH Stainless steel with spring	*31" 17-7PH Stainless steel with spring	Whip Length (In.) Whip Material	*12.5 17-7PH Stainless steel	*12.5 17-7PH Stainless steel
Hole mount	3/4" Hole mount	Mount Type	Order separately from Motorola style mounts	Order separately from Motorola style mounts
RG58A/U elow r	14.5' Ultralink See below 1 Year	Cable Connector Warranty	N/A N/A 2 Years	N/A N/A 2 Years
15 ^450-470 Mini U 00 $117.30 $113.16 g. $108.20 9 ^450-470 PL259 00 $110.50 $106.60 g. $101.92	**30552** ^450-470 PL259 $260.00 $110.50 3.82 lb. $106.60 1.74 kg. $101.92	**TESSCO Part No.** List Price: T-1 Price: Ship lb.: T-2 Price: Ship kg.: T-3 Price:	**11144** ^450-470 $28.50 $14.82 0.43 lb. $13.83 0.20 kg. $13.34	**87831** ^406-430 **49537** ^450-470 $38.50 $20.02 0.6 lb. $18.68 0.27 kg. $18.02

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Manufacturer Table	Cushcraft/Signals SNH450A	Radiall/Larsen OM450CK	Maxrad, Inc MUF4505NGP	Manufacturer Table
406-512 MHz No Ground Plane Required [360-29]				**406-512 MHz Glass,Low Profil Marine [360-32]**
Product Narrative	Half wave antenna and coil only. Provides 2.4 dB gain on suitable ground plane, unity gain without ground plane. For use with Motorola style mounts.	Special self mounting base (2.25" dia.) antenna. 5.5 dB with ground plane, 2.5dB gain without ground plane. Coax is internally attached to coil.	No ground plane collinear antenna. For installations that have no metallic surface or suitable means for a ground plane. For use with Motorola style mounts.	Product Narrative
Gen. Freq. (MHz) Gain (dB) Maximum Power (Watts)	406-470 Unity 200	406-512 5.5 with ground plane 100	430-490 5 200	Gen. Freq. (MHz) Gain (dB) Maximum Power (Watts)
Whip Length (In.) Whip Material	*12" 17-7PH Stainless steel	*35.5" 17-7PH Stainless steel "Kulrod" plated	*35" 17-7PH Stainless steel	Whip Length (In.) Whip Material
Mount Type	Order separately from Motorola style mounts	Self mounting	Order separately from Motorola style mounts	Mount Type
Cable Connector Warranty	N/A N/A 1 Year	17' RG58A/U PL-259 3 years	N/A N/A 2 Years	Cable Connector Warranty
TESSCO Part No.	**73416** ^450-470	**443149** NEW 440-460	**23109** ^450-470	**TESSCO Part No.**
List Price: T-1 Price:	$45.75 $27.44	**68278** 450-470	$41.70 $21.68	List Price: T-1 Price
Ship lb.: T-2 Price:	1 lb. $23.55	$67.85 $40.02	1.64 lb. $20.22	Ship lb.: T-2 Price
Ship kg.: T-3 Price:	0.45 kg. $22.86	1.1 lb. $38.67	0.75 kg. $19.52	Ship kg.: T-3 Price
		0.50 kg. $37.31	**46455** ^450-470 w/Spring	
			$51.70 $26.88	
			2.1 lb. $25.07	
			0.95 kg. $24.20	
			73467 ^470-490	
			$41.70 $21.68	
			1.64 lb. $20.22	
			0.75 kg. $19.52	

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Antennas, Mobile Two-way, GPS, XM

ad, Inc	Antenna Specialists ASP572/ASP772	Radiall/Larsen LPNMO Series	Radiall/Larsen LPTNMO Series	Sinclair Excaliber 321R
rofile Vertical antennas pro- uperior pattern coverage. pending design provides and performance and reli- Ground plane is required. ble in black, black and chrome hite colors.	Rugged low silhouette transit antenna. Enclosed in a high impact molded ASA radome. Includes 4 #10 bolts, 4 self-tapping sheet-metal screws and 1/8" thick rubber pad. Ground plane is required.	Mirage low visibility transit style antenna includes a PCB radiator in a UV and chemical resistant Macroblend shell. SuperSeal gasket for weatherproofing. Ground plane is required. Also available in white.	The Shadow low visibility transit style antenna includes copper radiators in a UV and chemical resistant Macroblend shell. SuperSeal gasket for weatherproofing. Ground plane is required. Available in black or white.	Radome enclosed antenna is designed for a variety of mobile applications: railroad locomotives, taxis, police cars, emergency vehicles, buses, trucks and industrial service vehicles.
2	450-512 Unity 100	406-512 Unity 100	406-512 Unity 100	406-512 Unity 30
	3.38" H Brass rod with ASA plastic radome	1.5" H Plastic 4 1/2" dia.	4.5 Macroblend shell 1.5" dia.	11.8 Cast Aluminum
separately from Motorola ounts	Screws and rubber mounting pad supplied	Order separately from Motorola style mounts	Order separately from Motorola style mounts	Screws and weatherproof gasket supplied
	Order separately See below 2 Years	N/A N/A 3 Years	N/A N/A 3 Years	Order separately 2 Years
406-440 Blk/Blk 406-440 Wht/Chr 430-480 Blk/Blk 450-512 Blk/Chr 450-512 Blk/Blk $19.00 $18.24 $17.86	**22300** ^450-470 (U/F) **60693** ^470-488 (U/F) **99086** ^488-512 (U/F) **87845** ^450-470 (BNC) **36238** ^470-488 (BNC) $55.00 $27.78 0.81 lb. $27.34 0.37 kg. $27.01	**447085** 406-420 **464093** 416-430 **68593** 450-470 **16986** 470-490 **55379** 490-512 $66.70 $39.34 0.75 lb. $38.01 0.34 kg. $36.67	**461066** 406-420 **459055** 435-450 **31449** 450-470 **441051** 470-490 White **69842** 470-490 **18235** 490-512 $27.95 $16.48 0.5 lb. $15.92 0.23 kg. $15.36	**32728** 406-420 **71121** 450-470 $108.00 $91.80 2.72 lb. $83.16 1.24 kg. $81.00

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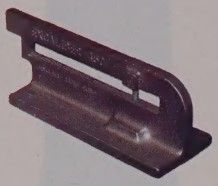
Antennas, Mobile Two-way, GPS, XM406-512 MHz Glass,Low Profile, Marine [3

406-512 MHz Glass,Low Profile, Marine [360-32]

Manufacturer Table	Sinclair Excaliber 321A	ARC Wireless Solutions CVA Series	Antenna Specialists AP454.3	Antenna Specialists AP455
				
Product Narrative	These low profile antennas are designed for a variety of mobile applications: railroad locomotives, taxis, police cars, emergency vehicles, buses, trucks and industrial service vehicles.	Decal antenna is designed to be mounted inside the windshield. Black .003" circuit. Almost disappears into glareband. Retail packaged.	On-Glass antenna with standard whip. 9 MHz bandwidth. Self resonant gain type end-fed halfwave does not require a ground plane to achieve low VSWR. Whip is adjustable to vertical position and can be removed for car wash.	On-Glass antenna with cellular look-alike whip. 8 MHz bandw Self resonant gain type end-fed wave does not require a grou plane to achieve low VSWR. W is adjustable to vertical positio can be removed for car wash.
Gen. Freq. (MHz)	406-512	405-515	410-512	440-470
Gain (dB)	Unity	2	3	Unity
Maximum Power (Watts)	300	35	100	100
Whip Length (In.)	6.3" H	3.5sq	*8	*18
Whip Material	Cast Aluminum	Copper clad FR4	Stainless steel with black DURA-COAT finish	Stainless steel with black DUR COAT finish
Mount Type	Screws and weatherproof gasket supplied	Interior glass mount	On-Glass	On-Glass
Cable	Order separately	16' RG58A/U	15' RG58/U	15' RG58/U
Connector	Order separately	Order separately	PL-259	PL-259
Warranty	2 Years	1 year	2 Years	2 Years
TESSCO Part No.	**72370** 450-465	**51133** 435-480	**90142** ^410-512	**55801** ^440-470
List Price: T-1 Price:	**20763** 455-470	**97609** 470-512	$61.50 $30.75	$78.25 $39.52
Ship lb.: T-2 Price:	**45942** 470-485	$73.45 $34.00	1.13 lb. $30.45	1.29 lb. $38.89
Ship kg.: T-3 Price:	$108.00 $91.80	0.5 lb. $29.98	0.51 kg. $30.08	0.59 kg. $38.43
	3 lb. $83.16	0.23 kg. $29.38		
	1.36 kg. $81.00			

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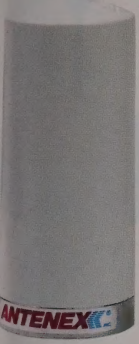
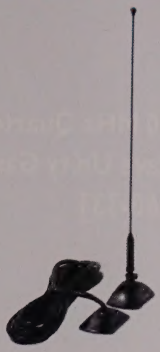
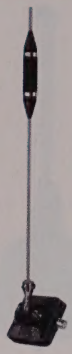
nex 503	Radial/Larsen KG450UD	Astron Wireless Tech. NP4000*	Antenna Specialists AP454.5	AC Marine A/S CXU1
				
hantom low visibility antenna vide bandwidth and low radi- pattern for superior results. or is made of the highest plastic suitable for inside or e use. Available in black or	Halfwave glass mount antenna. Unity gain performance without a ground plane. Whip may be removed for car wash clearance.	New & Improved performing LoPro UHF 3dB mobile antennas. Made of high-impact plastic and has a matte finish which can be painted with non-metallic paint. Ground plane is required. Available in black or white.	On-Glass collinear half-wave antenna with encapsulated phasing coil. 9 MHz bandwidth. Does not require a ground plane to achieve low VSWR. Whip is adjustable to vertical position and can be removed for car wash.	Fiberglass marine antenna with Polymer coating. For use on sail-boats and powerboats. Ruggedly designed to operate in all weather conditions.
0	450-470 Unity 100	410-512 3 125	410-512 5 100	450-470 0/3 100
high grade plastic (Black also e)	15" 17-7Ph Stainless steel with black "Kulrod" finish.	5/8" H Rugged, high-impact engineered plastic	*30 17-7PH Stainless steel with encap-sulated coil	28 Copper enclosed in a fiberglass radome
separately from Motorola ounts	Glass mount	waterproof acrylic foam adhesive	On-Glass	1"-14 female thread. Order mount separately.
	14' RG58/U dual shield PL-259 3 Years	15' RG58/U Order separately 1 year	15' RG58/U PL-259 2 Years	Order separately N Female 1 year
420-440 $45.64 $37.96 $35.50 430-450 450-470 Black 450-470 470-490 $23.67 $19.68 $18.41	**45972** 450-470 $71.85 $42.38 0.73 lb. $40.95 0.33 kg. $39.51	**41225** 400-420 Black **45425** 450-470 Black **57390** 450-470 White $103.50 $52.89 1 lb. $51.24 0.45 kg. $50.72	**41562** ^410-512 $68.25 $34.47 1.68 lb. $33.92 0.76 kg. $33.52	**22872** 450-470 $127.45 $79.02 1.91 lb. $73.29 0.87 kg. $71.38

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Antennas, Mobile Two-way, GPS, XM 406-512 MHz Glass,Low Profile, Marine [

Manufacturer	AC Marine A/S	Radiall/Larsen	Manufacturer	Antenex
Table	CXU3	LP450	Table	DISC806P
406-512 MHz Glass,Low Profile, Marine [360-32]			**800 MHz Quarter Wave Unity Gain [360-33]**	
Product Narrative	Fiberglass marine antenna with Polymer coating. For use on sail-boats and powerboats. Ruggedly designed to operate in all weather conditions.	Mirage II is a direct feed permanent mount low profile antenna. Requires a 1/2" hole. Features PCB technology with a UV and chemical resistant Makroblend resin polymer housing. Thin neoprene gasket pro-tects mounting surfaces. Ground plane is required. Also available in white.	Product Narrative	The Discadoo low visibility an with a self adhesive base. 2' R pigtail can protrude from the tom or the side of the base. A able in ground or no ground p versions*
Gen. Freq. (MHz) Gain (dB) Maximum Power (Watts)	450-470 3/6 100	450-470 Unity 100	Gen. Freq. (MHz) Gain (dB) Maximum Power (Watts)	806-866 Unity 100
Whip Length (In.) Whip Material	49 Copper enclosed in a fiberglass radome	1.25" H Plastic 5 1/4" dia.	Whip Length (In.) Whip Material	7/8" ABS Plastic 4" dia.
Mount Type	1"-14 female thread. Order mount separately.	Direct feed- 1/2" hole req'd	Mount Type	Self Adhesive
Cable Connector Warranty	Order separately N Female 1 year	17' RG58/U Dbl shld. N/A 3 Years	Cable Connector Warranty	2' Pigtail TNC/F 2 Years
TESSCO Part No.	**61265** 450-470	**85836** 450-470	**TESSCO Part No.**	**97375** 806-866 G.P.*
List Price: T-1 Price:	$176.35 $109.32	$75.00 $44.25	List Price: T-1 Price:	$83.25 $47.94
Ship lb.: T-2 Price:	1.8 lb. $101.38	0.75 lb. $42.75	Ship lb.: T-2 Price:	1 lb. $39.87
Ship kg.: T-3 Price:	0.82 kg. $98.74	0.34 kg. $41.25	Ship kg.: T-3 Price:	0.45 kg. $37.29
				84161 806-866 N.G.*
				$88.25 $50.82
				1 lb. $42.27
				0.45 kg. $39.53

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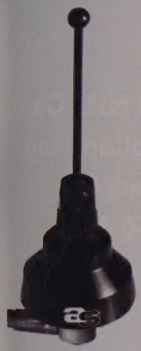
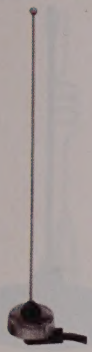
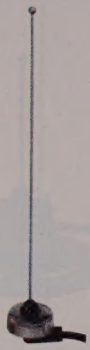
nna Specialists 1810	Antenna Specialists ASP1910	Antenna Specialists ASP1910	Radiall/Larsen NMOQ800B	Radiall/Larsen Q800
				
profile quarterwave antenna. A.S. male/ female contacts. nna may be removed for car es.	"Chrome Dome" low profile quarterwave antenna. For localized urban areas where gain may not be wanted. May be removed for car washes without fear of water seepage. For use with Motorola style mounts.	"Chrome Dome" low profile quarterwave antenna. For localized urban areas where gain may not be wanted. May be removed for car washes without fear of water seepage. For use with Motorola style mounts.	Unity gain quarterwave antenna only. For use with Motorola style mounts.	Unity gain quarterwave antenna and base only. For use with LM style mounts or mounts using a 5/16"-24 stud.
96	806-896 Unity 100	806-896 Unity 100	806-896 Unity 200	806-896 Unity 200
ess steel with Black DURA-T	4" Stainless steel	4" Stainless steel	4.5" 17-7Ph Stainless steel with "Kulrod" finish	3.5" Stainless steel with "Kulrod" finish
lole mount K-166 supplied	3/4" Hole mount K-66 supplied	Order separately from Motorola mounts	Order separately from Motorola style mounts	Order separately from LM- 5/16-24 stud mounts
58/U e s	14' RG58/U Order Separately 2 Years	N/A N/A 2 Years	N/A N/A 3 years	N/A N/A 3 years
4 806-896 Ant. Only) $12.99 . $12.01 g. $11.76 3 806-894 N male . $21.55 . $19.23 g. $19.02	**45376** 806-894 $20.50 $10.36 1 lb. $10.19 0.45 kg. $10.07	**70555** 806-894 $10.00 $5.05 1 lb. $4.97 0.45 kg. $4.91	**79242** 806-896 Black $19.60 $11.56 0.12 lb. $11.17 0.05 kg. $10.77	**45447** 806-866 Chrome $8.30 $3.50 0.06 lb. $3.39 0.03 kg. $3.31

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Manufacturer Table	Maxrad, Inc MUFL800	Maxrad, Inc MUF8000RGC	Cushcraft/Signals SN8061A	Manufacturer Table
800 MHz Quarter Wave Unity Gain [360-33]				**800 MHz Gain, Rooftop, Mag, Trunk Lip [360-34]**
Product Narrative	1/4 wave, unity gain antenna only. Ready to install, no rod cutting is required. For use with 5/16"-24 stud mounts.	806-896 Mhz unity gain, quarter-wave antenna. No rod cutting is required. Includes magnetic mount with TNC connector.	Unity gain quarterwave whip and base only. No rod cutting is required. Antenna contact plate assures 100% contact with mount. For use with Motorola style mounts.	Product Narrative
Gen. Freq. (MHz) Gain (dB) Maximum Power (Watts)	806-896 Unity 200	806-896 Unity 100	806-896 Unity 200	Gen. Freq. (MHz) Gain (dB) Maximum Power (Watts)
Whip Length (In.) Whip Material	3.5" Stainless steel	3.2" .062 Stainless Steel	4" 17-7PH Stainless steel	Whip Length (In.) Whip Material
Mount Type	Order separately from LM or"L" 5/16-24 stud mounts	Motorola style magnetic mount	Order separately from Motorola style mounts	Mount Type
Cable Connector Warranty	N/A N/A 2 Years	12' RG58/U TNC 2 Years	N/A N/A 1 Year	Cable Connector Warranty
TESSCO Part No.	**55981** 806-896 Black	**38359** 806-896	**57431** 806-896 Black	**TESSCO Part No.**
List Price: T-1 Price:	$10.50 $5.25	$39.65 $19.82	$16.80 $10.08	List Price: T-1 Price
Ship lb.: T-2 Price:	0.12 lb. $5.04	2 lb. $19.03	0.2 lb. $8.66	Ship lb.: T-2 Price
Ship kg.: T-3 Price:	0.05 kg. $4.94	0.91 kg. $18.63	0.09 kg. $8.40	Ship kg.: T-3 Price
	19760 806-896 Chrome		**92875** 806-896 Chrome	
	$6.40 $3.20		$10.20 $6.11	
	0.12 lb. $3.07		0.2 lb. $5.24	
	0.05 kg. $3.01		0.09 kg. $5.09	

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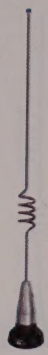
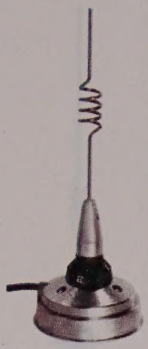
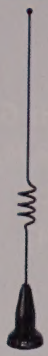
Antennas, Mobile Two-way, GPS, XM

ew Wireless	Antenna Specialists ASP1850	Antenna Specialists ASP1855	Antenna Specialists ASP1854	Antenna Specialists ASP1860
				
duty 3 dB antenna features emale contact. Includes , cable and connector.	High performance collinear antenna. A.S. male/female contact in mount provides positive connection for noiseless duplex operaton. Includes mount, cable and connector.	High performance collinear antenna only. A.S. male/female contact in mount provides positive connection for noiseless duplex operaton. For use with male/ female contact mounts (K166).	High performance collinear deluxe magnetic mount antenna. A.S. male/ female contact provide positive contact for noiseless duplex operation.	High performance collinear antenna with black DURA- COAT finish. A.S. male/ female contact provides positive connection for noiseless duplex operation. Includes mount, cable and connector.
6	806-869 3 100	806-869 3 100	806-869 3 100	806-869 3 100
Chrome	14" Stainless steel	14" Stainless steel	14" Stainless steel	14" Stainless steel with black DURA-COAT finish
male 3/4" hole mount	3/4" Hole mount with male/female contact (KD166)	3/4" Hole mount with male/female contact (K-166)	Deluxe magnetic mount with male/ female contact (K-350)	3/4" Hole mount with male/female contact (K-166)
58U 100% shld ow e	17' Proflex See below 2 Years	N/A N/A 2 Years	12' RG58A/U See below 2 Years	17' Proflex See below 2 Years
806-866 None $17.77 $17.24 $16.52	**70429** 806-869 M/UHF $52.00 $26.52 1.14 lb. $23.66 0.52 kg. $23.40 **68060** 806-869 N crimp $58.25 $30.88 1.14 lb. $28.55 0.52 kg. $27.96 **42881** 806-869 N solder $56.00 $28.56 1.14 lb. $25.48 0.52 kg. $25.20 **29667** 806-869 TNC $52.00 $26.52 1.14 lb. $23.66 0.52 kg. $23.40	**66811** 806-869 Ant. Only $26.25 $13.26 0.6 lb. $13.05 0.27 kg. $12.89	**93239** 806-869 N solder $74.00 $37.74 2.25 lb. $33.67 1.02 kg. $33.30	**70322** 806-869 M/UHF $47.25 $24.10 1.59 lb. $21.50 0.72 kg. $21.27 **40383** 806-869 N solder $52.25 $26.65 1.59 lb. $23.78 0.72 kg. $23.52 **27169** 806-869 TNC $47.25 $24.10 1.59 lb. $21.50 0.72 kg. $21.27

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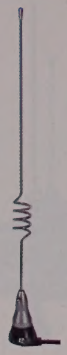
800 MHz Gain, Rooftop, Mag, Trunk Lip [360-34]

Manufacturer Table	Antenna Specialists ASP1865	Antenna Specialists ASP7920	Antenna Specialists ASP7925	Antenna Specialists ASPR1980
				
Product Narrative	High performance collinear antenna only with black DURA-COAT finish. A.S. male/ female contact provides positive connection for noiseless duplex operation. For use with male/ female contact mounts (K166).	Broadband collinear antenna. 5/8 wave upper radiator plus 1/4 wave lower section produces 3 dB gain. Interchangeable with Motorola style mounts. Includes mount and cable. NO connector.	Broadband collinear antenna only. 5/8 wave upper radiator plus1/4 wave lower section produces 3 dB gain. Interchangeable with Motorola style mounts. For use with Motorola	"Chrome Dome" 3 dB gain ant Includes .072 dia. whip with sh absorbing rubber insert and M ola style 3/4" hole mount and NO connector.
Gen. Freq. (MHz) Gain (dB) Maximum Power (Watts)	806-869 3 100	806-869 3 100	806-869 3 100	806-869 3 100
Whip Length (In.) Whip Material	14" Stainless steel with black DURA-COAT finish	14" Stainless steel	14" Stainless steel	14.7" Stainless steel
Mount Type	3/4" Hole mount with male/female contact (K-166)	3/4" hole mount KRMX66 supplied	Order separately from Motorola style mounts	3/4" Hole mount KRMX66 su
Cable Connector Warranty	N/A N/A 2 Years	17' Proflex+ Order Separately 2 Years	N/A N/A 2 Years	17' RG58/U Order Separately 2 Years
TESSCO Part No.	**13955** 806-869 Ant. Only	**499046** 806-869	**410053** 806-869	**57341** 806-869
List Price: T-1 Price:	$23.75 $12.12	$51.90 $26.20	$36.90 $18.63	$33.00 $16.67
Ship lb.: T-2 Price:	0.6 lb. $10.81	1 lb. $25.78	1 lb. $18.33	1 lb. $16.41
Ship kg.: T-3 Price:	0.27 kg. $10.69	0.45 kg. $25.47	0.45 kg. $18.11	0.45 kg. $16.21

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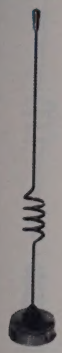
Antennas, Mobile Two-way, GPS, XM

na Specialists A1985	Antenex QW8063	Comtelco A2183A	Radiall/Larsen MS1CA for iDEN	Radiall/Larsen NMOSPEC800
				
ne Dome" 3 dB gain antenna. s .072 dia. whip with shock ing rubber insert. For use otorola style mounts.	3dB gain flexible 5/8 over 1/4 wave antenna. For use with Motorola style mounts.	3 dB 5/8 wave over 1/4 wave antenna. Brass, triple plated chrome nut. Chrome stainless steel whip. For use with Motorola style mounts.	3 dB magnet mount antenna with adapters for attachment to Iden IR370 radio.	Standard Morotola-style collinear antenna. For use with Motorola style mounts.
9	806-866 3 200	806-866 3 150	806-896 3.4 40	806-866 3.2 200
s steel	14" Type 302 stainless steel	15" Stainless steel	13"	13.5" Stainless steel with "Kulrod" finish.
separately from Motorola ounts	Order separately from Motorola style mounts	Order Motorola style mount separatly.	Magnet mount	Order separately from Motorola style mounts
	N/A N/A 2 Years	N/A N/A 2 Years	12' RG174 Iden 1 Year	N/A N/A 3 years
800-869 $8.34 $8.21 $8.11	**98274** 806-866 Black $19.25 $11.08 0.25 lb. $9.21 0.11 kg. $8.62 **73095** 806-866 Chrome $12.75 $7.33 0.25 lb. $6.10 0.11 kg. $5.70	**42609** 806-866 Chrome $11.60 $4.86 0.2 lb. $4.64 0.09 kg. $4.64	**34501** 806-896 $44.00 $22.00 1 lb. $19.58 0.45 kg. $17.82	**77993** 806-866 Black **61596** 806-866 Chrome $16.70 $9.84 0.14 lb. $9.51 0.06 kg. $9.17

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800 MHz Gain, Rooftop, Mag, Trunk Lip [360-34]

Manufacturer Table	Radiall/Larsen NMO3E800B	Maxrad, Inc MAX8033	Maxrad, Inc MUF8063/8253	Maxrad, Inc MUF8063NCP
Product Narrative	Motorola-style 3.2dB roof mount with enclosed coil whip. Flexible Kraton rubber enclosed coil is unique to Radiall/Larsen. For use with Motorola style mounts.	3 dB gain antenna only. Features a ABS base, spring loaded brass plated contact pin and a whisper quiet closed coil design. For use with Motorola style mounts.	3 dB gain antenna only. With the "Superflex" design of this .062" diameter whip the breakage due to limited headroom is eliminated. For use with Motorola style mounts.	3 dB gain antenna only. With "Superflex" design of this .06 diameter whip the breakage limited headroom is eliminat Includes mount, cable and co tor.
Gen. Freq. (MHz) Gain (dB) Maximum Power (Watts)	806-869 3.2 200	806-869 3 200	806-866 3 150	806-866 3 150
Whip Length (In.) Whip Material	13.5" Copper plated stainless steel whip w/ black finish	15" Stainless steel	14" Stainless steel	14" Stainless steel
Mount Type	Order separately from Motorola style mounts	Order separately from Motorola style mounts	Order separately from Motorola style mounts	3/4" hole brass mount
Cable Connector Warranty	N/A N/A 3 years	N/A N/A 2 Years	N/A N/A 2 Years	17' RG58A/U N crimp 2 Years
TESSCO Part No.	**23495** 806-866	**81685** 806-896 Chrome	**12592** 806-866 Black	**443395** NEW 806-866
List Price: T-1 Price:	$27.35 $16.13	$25.75 $12.86	$18.35 $9.18	$27.35 $13.68
Ship lb.: T-2 Price:	0.36 lb. $15.58	0.29 lb. $12.35	0.16 lb. $8.81	0.5 lb. $13.13
Ship kg.: T-3 Price:	0.16 kg. $15.04	0.13 kg. $12.09	0.07 kg. $8.63	0.23 kg. $12.86
			41916 806-866 Chrome	
			$12.00 $6.00	
			0.16 lb. $5.76	
			0.07 kg. $5.64	

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rad, Inc L8053	Maxrad, Inc MUF8003	Maxrad, Inc MUF8003NGP	Maxrad, Inc MUFC8063	Astron Wireless Tech. NMO8500
gain antenna only with open g coil. Use with 5/16"-24 stud es mounts.	3 dB gain low profile heavy duty antenna only. Features whisper quiet closed coil. For use with Motorola style mounts.	Designed for installations that lack a suitable ground plane. Rugged construction with a encapsulated phasing coil. Available with or without spring. For use with Motorola style mounts.	3 dB antenna only. Super flexible closed coil design virtually eliminates rod damage caused by limited vehixle height clearance. Antenna comes ready to install; no rod cutting required. For use with Motorola style mounts.	New & Improved performing LoPro 3 dB trunking mobile antenna. Made of high impact plastic. Ground plane is required. For use with Motorola style mounts. Available in black or white.
96	806-896 3 200	806-896 3 150	806-866 3 100	806-866 3 125
ss steel	15.75 Stainless steel	17.5" Stainless steel	14-1/2" Stainless steel	1" Rugged, high-impact engineered plastic
separately from 5/16"-24 L mounts	Order separately from Motorola style mounts	Order separately from Motorola style mounts	Order separately from Motorola style mounts	Order separately from Motorola style mounts
s	N/A N/A 2 Years	N/A Order 2 Years	N/A N/A 2 Years	N/A N/A 1 Year
806-896 Black $9.79 $9.40 $9.20 806-896 Chrome $8.15 $7.82 $7.66	**19362** 806-896 Chrome $29.40 $14.70 0.49 lb. $14.12 0.22 kg. $13.82	**15584** 806-866 $36.25 $18.13 0.68 lb. $17.40 0.31 kg. $17.04 **55066** 806-866 w/spring $46.25 $23.13 1.18 lb. $22.20 0.54 kg. $21.74	**487366** NEW 806-866 Black $21.00 $10.50 0.25 lb. $10.08 0.11 kg. $9.87	**17257** 806-866 Black **80829** 806-866 White $89.95 $45.97 1 lb. $44.53 0.45 kg. $44.08

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800 MHz Gain, Rooftop, Mag, Trunk Lip [360-34]

Manufacturer Table	Astron Wireless Tech. NP8500*	Cushcraft/Signals SN8062A/SN8252A	Cushcraft/Signals SX808LN	Cushcraft/Signals SN808A
Product Narrative	New & Improved performing LoPro 3 dB trunking mobile antenna. Made of high impact plastic. Ground plane is required. Available in black or white.	Super Silverbutton collinear antenna. Contact between mount and antenna covers 100% of the contact surface for broader match. For use with Motorola style mounts.	Flexible 3dB mobile antenna features impact and water resistant elasticized base which resists structural blows. Includes 3/4" hole mount cable and connector.	5/8 wave, 3 dB gain antenna o For use with Motorola style mounts.
Gen. Freq. (MHz)	806-866	800-860	806-896	806-869
Gain (dB)	3	3	3	3
Maximum Power (Watts)	125	200	50	200
Whip Length (In.)	5/8"	10"	15"	10"
Whip Material	Rugged, high-impact engineered plastic	17-7PH Stainless steel	Chrome Stainless steel	17-7PH Stainless steel
Mount Type	waterproof acrylic foam adhesive	Order separately from Motorola style mounts	3/4" Hole mount	Order separately from Motor style mounts
Cable	15' RG58/U	N/A	16.5' Ultralink	N/A
Connector	Order Separately	N/A	N male	N/A
Warranty	1 Year	1 Year	1 Year	1 Year
TESSCO Part No.	**94534** 806-866 Black	**79661** 800-860	**54264** 806-896 N male	**11093** 806-896 Black
List Price: T-1 Price:	**42927** 806-866 White	$15.00 $8.99	$58.50 $35.09	$38.25 $22.94
Ship lb.: T-2 Price:	$89.95 $45.97	0.6 lb. $7.71	0.5 lb. $30.12	1 lb. $19.69
Ship kg.: T-3 Price:	0.45 lb. $44.53	0.27 kg. $7.49	0.23 kg. $29.24	0.45 kg. $19.11
	0.20 kg. $44.08			**66447** 806-896 Chro
				$33.90 $20.34
				1 lb. $17.46
				0.45 kg. $16.95

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shcraft/Signals 808L Fastpack	Cushcraft/Signals SN808 Fastpack	Radiall/Larsen LM800	Radiall/Larsen NMO800	Maxrad, Inc BMAX8155S
r complete 5/8 wave 3 dB gain nnas. Includes 3/4" hole mount, alink (RG58 size) cable and nectors. 4 per box.	Four complete 5/8 wave 3 dB gain antennas. Includes 3/4" hole mount, RG58 cable and connectors. 4 per box	3.4dB gain collinear roof top antenna, spring & base. For use with LM style 5/16"-24 stud.	3.4dB gain collinear roof top antenna, spring and base only. For use with Motorola style mounts.	4.5 dB collinear black antenna with a single phasing coil. Designed for SMR systems in rural areas. Molded polymer base with spring loaded contact pin and spring. Tuned to 835 MHz.
896	806-896 3 200	800-866 3.4 200	800-866 3.4 200	806-896 4.5 150
PH Stainless steel	10" 17-7PH Stainless steel	14.5" 17-7 Stainless steel "Kulrod" finish	12.75" 17-7 Stainless steel with "Kulrod" finish	11" Black Stainless steel
Hole mount	3/4" Hole mount	Order separately from 5/16"-24 THDS mounts	Order separately from Motorola style mounts	Order separately from Motorola style mounts
Ultralink elow ar	14.5' RG58A/U See below 1 Year	N/A N/A 3 years	N/A N/A 3 years	N/A N/A 2 Years
26 806-896 N solder .80 $101.49 $97.91 kg. $93.61	**58598** 806-896 M/UHF $209.30 $88.95 4 lb. $85.81 1.82 kg. $82.05	**84039** 800-866 $27.95 $16.48 0.28 lb. $15.92 0.13 kg. $15.36	**48343** 806-866 Black $40.20 $23.70 0.45 lb. $22.90 0.20 kg. $22.10 **99950** 800-866 Chrome $35.70 $21.05 0.45 lb. $20.34 0.20 kg. $19.62	**76377** 806-896 $37.90 $18.93 0.65 lb. $18.18 0.30 kg. $17.80

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800 MHz Gain, Rooftop, Mag, Trunk Lip [360-34]

Manufacturer Table	Antenex B8065C	Maxrad, Inc MAX8135/8355	Maxrad, Inc MAX8055/8375	Maxrad, Inc MUF8105/8305
Product Narrative	5 dB gain low profile 5/8 over 5/8 wave design. Load coil features heavy duty chrome plating and gold contacts for best power transfer. For use with Motorola style mounts.	5 dB trilinear antenna only. Features ABS base, spring loaded plated brass contact pin, and a open coil design. For use with Motorola style mounts.	5 dB trilinear antenna only. Features ABS base, spring loaded plated brass contact pin and a whisper quiet closed coil design. For use with Motorola style mounts.	5 dB gain trilinear low profile h duty base, antenna only. Featur open coil design. For use with Motorola style mounts.
Gen. Freq. (MHz)	806-866	806-866	806-866	806-866
Gain (dB)	5	5	5	5
Maximum Power (Watts)	200	200	200	200
Whip Length (In.)	19"	24"	24"	24"
Whip Material	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Mount Type	Order separately from Motorola style mounts	Order separately from Motorola style mounts	Order separately from Motorola style mounts	Order separately from Motoro style mounts
Cable	N/A	N/A	N/A	N/A
Connector	N/A	N/A	N/A	N/A
Warranty	2 Years	2 Years	2 Years	2 Years
TESSCO Part No.	**75068** 806-866 Chrome	**10670** 806-866 Black	**35324** 806-866 Black	**22635** 806-866 Chron
List Price: T-1 Price:	$42.55 $24.49	$34.30 $17.84	$38.80 $20.18	$33.35 $17.34
Ship lb.: T-2 Price:	0.49 lb. $20.37	0.4 lb. $16.64	0.4 lb. $18.82	0.6 lb. $16.17
Ship kg.: T-3 Price:	0.22 kg. $19.05	0.18 kg. $16.05	0.18 kg. $18.16	0.27 kg. $15.61
		75491 806-866 Chrome	**86931** 806-866 Chrome	
		$29.15 $15.16	$32.00 $16.63	
		0.4 lb. $14.14	0.4 lb. $15.51	
		0.18 kg. $13.64	0.18 kg. $14.97	

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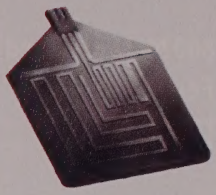
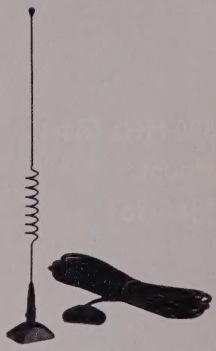
rad, Inc F8005/8325	Manufacturer Table	ARC Wireless Solutions CVA-850	Antenna Specialists APR852.3	Radiall/Larsen KG825UD
	800 MHz Glass Mount [360-36]			
gain trilinear low profile heavy base, antenna only. Features a ber quiet closed coil. For use Motorola style mounts.	Product Narrative	Made especially for trunking (SMR) radios. To be mounted to the inside of the windshield. Black .003" circuit. Can be mounted on front or rear windshield for that "stealth" look.	On glass II antenna with mini UHF connector on the coupler. Small mounting foot for maximum efficiency especially between defrost-erwires. For SMR frequencies.	"Kulglass" glass mount ant. with the cable attached to the coupler. The tuning assembly is on the outside of the glass.
366	Gen. Freq. (MHz) Gain (dB) Maximum Power (Watts)	806-866 3 35	806-866 3 60	806-896 3 60
ess steel	Whip Length (In.) Whip Material	3.5sq Copper clad FR4	15" Stainless steel with black DURA-COAT finish	14.5" Stainless steel with black "Kulrod" finish
r separately from Motorola mounts	Mount Type	Glass Mount	On glass	Glass Mount
rs	Cable Connector Warranty	16' RG58A/U Order separately 90 Days	15' Pro-flex Plus See below 2 Year	14' RG58/U dual shield See below Lifetime
5 806-866 Chrome 5 $19.79 $18.46 g. $17.81	**TESSCO Part No.** List Price: T-1 Price: Ship lb.: T-2 Price: Ship kg.: T-3 Price:	**89526** 806-866 $61.20 $28.33 0.5 lb. $24.98 0.23 kg. $24.48	**60171** 806-866 Mini/U $49.50 $25.25 0.68 lb. $22.53 0.31 kg. $22.28 **46957** 806-866 N solder $54.50 $27.80 0.68 lb. $24.80 0.31 kg. $24.53 **98564** 806-866 TNC $49.50 $25.25 0.5 lb. $22.53 0.23 kg. $22.28 **85350** 806-866 T/PL259 $49.50 $25.25 0.68 lb. $22.53 0.31 kg. $22.28	**40985** 806-896 N crimp $52.65 $24.96 0.99 lb. $23.66 0.45 kg. $21.06

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800 MHz Glass Mount [360-36]

	Manufacturer Table	Maxrad, Inc MESC806
Product Narrative		2.5 dB gain suction cup antenna. Features a dipole design with two suction cups for mounting. Cable and connector are attached.
Gen. Freq. (MHz)		806-866
Gain (dB)		2.5
Maximum Power (Watts)		25
Whip Length (In.)		6"
Whip Material		Helical rubber duck
Mount Type		Suction cup
Cable		12' RG58/U attached
Connector		See below
Warranty		2 Years
TESSCO Part No.		**79187** 806-866 TNC
List Price:	T-1 Price:	$42.10 $21.05
Ship lb.:	T-2 Price:	0.4 lb. $20.21
Ship kg.:	T-3 Price:	0.18 kg. $19.79

800 MHz Elevated Feed [360-38]

	Manufacturer Table	Antenna Specialists ASP910	Antenna Specialists ASPSA912
Product Narrative		3 dB gain elevated feed antenna. Ground plane independent design allows installation on vehicles where no ground plane is available.	3 dB gain elevated feed antenn Ground plane independent des allows installation on vehicles where no ground plane is avail Features small foot design.
Gen. Freq. (MHz)		806-869	806-869
Gain (dB)		3	3
Maximum Power (Watts)		*40	*40
Whip Length (In.)		24"	24"
Whip Material		Stainless steel with black DURA-COAT finish	Stainless steel with black DURA COAT finish
Mount Type		3/4" Hole mount with male/female contact (K-166)	Trunk lip mount (19-4245-3)w male/female contact
Cable		17' RG58/U	14' RG58/U
Connector		See below	See below
Warranty		2 Years	2 Years
TESSCO Part No.		**22499** 806-869 N solder	**64588** 806-869 M/UH
List Price:	T-1 Price:	$85.50 $43.61	**14230** 806-869 TNC
Ship lb.:	T-2 Price:	1.76 lb. $38.91	$97.50 $49.73
Ship kg.:	T-3 Price:	0.80 kg. $38.48	1.26 lb. $44.37
		47678 806-869 TNC	0.57 kg. $43.88
		$79.50 $40.55	
		1.76 lb. $36.18	
		0.80 kg. $35.78	

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Antennas, Mobile Two-way, GPS, XM

nna Specialists 915	Comtelco A1083B	Maxrad, Inc MUF8133HB/8353HB	Maxrad, Inc MUF8133MR/8353MR	Maxrad, Inc MUF8143MR/8363MR
gain elevated feed antenna Ground plane independent allows installation on vehi- here no ground plane is avail-	3 dB gain elevated feed black antenna. Ground plane independent design allows installation on vehicles where no ground plane is available. For use with Motorola style mounts.	3 dB gain elevated feed antenna with a open coil whip. Hinged mount is adjustable to a variety of angles and is also reversible. No ground plane is required.	3 dB gain elevated feed mirror mount antenna with a open coil whip. Used for both vertical or horizontal mount "west coast" mirror supports.	3 dB gain elevated feed mirror mount antenna with a closed coil whip. Used for both vertical or horizontal mount "west coast" mirror supports.
59	806-866 3 200	806-866 3 200	806-866 3 200	806-866 3 200
ss steel with black DURA- finish	23" Stainless steel with black Polyester finish	21" Stainless steel Black finish	21" Stainless steel Black finish	21" Stainless steel Black finish
K-166 seperately. Male/ low profile.	Order 3/4" Motorola style mount seperately	Adjustable no hole trunk lip mount	Mirror Mount	Mirror Mount
s	N/A N/A 2 Years	17' RG58/U See below 2 Years	17' RG58/U See below 2 Years	17' RG58/U See below 2 Years
7 806-869 Ant. Only $32.20 $28.73 $28.41	**83395** 806-866 $61.90 $27.00 1.76 lb. $25.00 0.80 kg. $24.75	**28029** 806-866 N solder $77.10 $40.09 1.17 lb. $37.39 0.53 kg. $36.08 **46514** 806-866 TNC $74.60 $37.29 1.17 lb. $35.80 0.53 kg. $35.06	**67671** 806-866 N crimp $70.55 $36.69 1.4 lb. $34.22 0.64 kg. $33.02 **49986** 806-866 TNC $69.05 $35.91 1.4 lb. $33.49 0.64 kg. $32.32	**20086** 806-866 TNC $76.05 $38.01 1.4 lb. $36.49 0.64 kg. $35.73 **92850** 806-866 N solder $77.55 $40.31 1.4 lb. $37.60 0.64 kg. $36.28

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800 MHz Elevated Feed [360-38]

Manufacturer Table	Maxrad, Inc (B)MEFHD Series	Comtelco TC800XL	Maxrad, Inc MUF8035/8405	Maxrad, Inc MUF8045/8455
Product Narrative	A heavy duty version of the standard elevated feed antenna. Features a extra long fiberglass body, spring-loaded contact pin and an oversized shock spring. Ideal for tough applications. For use with Motorola style mounts.	Fiberglass 5dB mirror mount antenna. Can mount on either vertical or horizontal to "west coast" mirror supports.	5 dB gain trilinear elevated feed antenna with open coil whip. No ground plane is required. Ideal for vehicles with no metallic surfaces. For use with Motorola style mounts.	5 dB gain trilinear elevated fee antenna with a closed coil whi groundplane is required. Ideal vehicles with no metallic surfa For use with Motorola style mounts.
Gen. Freq. (MHz)	806-866	806-866	806-866	806-866
Gain (dB)	5	5	5	5
Maximum Power (Watts)	125	100	200	200
Whip Length (In.)	36"	19"	33"	33"
Whip Material	.100" dia. stainless steel	White Fiberglass	Stainless steel	Stainless steel
Mount Type	Order separately from Motorola style mounts	Mirror Mount	Order separately from Motorola style mounts	Order separately from Motor style mounts
Cable	N/A	12' RG58A/U	N/A	N/A
Connector	N/A	TNC male	N/A	N/A
Warranty	2 Years	2 Years	2 Years	2 Years
TESSCO Part No.	**94451** 806-866 Black	**29339** 806-866	**86207** 806-866 Black	**84433** 806-866 Black
List Price: T-1 Price:	$121.80 $60.90	$69.00 $44.37	$83.65 $43.50	$91.55 $47.59
Ship lb.: T-2 Price:	0.58 lb. $58.47	1.22 lb. $32.50	0.8 lb. $40.57	0.8 lb. $44.39
Ship kg.: T-3 Price:	0.26 kg. $57.25	0.55 kg. $31.88	0.36 kg. $39.15	0.36 kg. $42.84
			47814 806-866 Chrome	**46040** 806-866 Chro
			$76.75 $39.90	$79.95 $41.56
			0.8 lb. $37.21	0.8 lb. $38.77
			0.36 kg. $35.91	0.36 kg. $37.41

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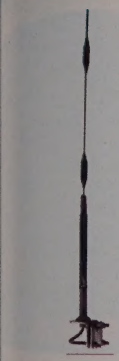
laxrad, Inc IUF8135MR/8355MR	Manufacturer Table	Antenna Specialists ASP930	Antenna Specialists ASP930	Radiall/Larsen LPTNMO Series
	**800 MHz Low Profile, Marine [360-40]**			
dB gain trilinear elevated feed rror mount antenna with a osed coil whip. Used for both ver-al and horizontal mount "west ast" mirror supports.	Product Narrative	Rugged low silhouette transit antenna. Enclosed in a high impact molded ASA radome. Includes 4 truss head slotted bolts (#10), 4 self-tapping sheet metal screws and 1 1/8" thick rubber pad. Ground plane is required.	Rugged low silhouette transit antenna. Enclosed in a high impact molded ASA radome. Includes 4 truss head slotted bolts (#10), 4 self-tapping sheet metal screws and 1 1/8" thick rubber pad. Direct UHF female termination. Ground plane is required.	The Shadow low visibility transit style antenna includes copper radiators in a UV and chemical resistant Macroblend shell. SuperSeal gasket for weatherproofing Ground plane is required. Also available in white.
6-866 0	Gen. Freq. (MHz) Gain (dB) Maximum Power (Watts)	806-960 Unity 100	806-960 Unity 100	806-866 Unity 100
inless steel with black chrome sh	Whip Length (In.) Whip Material	3.38" (H. 3.4" L. 8" W. 3.5") Brass rod with ASA plastic radome	3.38" (H. 3.4", L. 8", W.3.5") Brass rod with ASA plastic radome	3.5" Macroblend shell 1.5" dia.
rror Mount	Mount Type	Screws and rubber mounting pad supplied	Screws and rubber mounting pad supplied with UHF/f termination.	Order separately from Motorola style mounts
RG58/U below ears	Cable Connector Warranty	20 feet PRO-FLEX SO-239 flush on antenna 2 Years	N/A N/A 2 Years	N/A N/A 3 years
741 806-866 N solder 7.05 $45.25 lb. $42.21 8 kg. $40.73 **523** 806-866 TNC 4.55 $43.95 lb. $41.00 8 kg. $39.56	**TESSCO Part No.** List Price: T-1 Price: Ship lb.: T-2 Price: Ship kg.: T-3 Price:	**17503** 806-896 N&UHF $102.75 $52.41 2.17 lb. $46.76 0.99 kg. $46.24 **55896** 806-896 (2) UHF's **94289** 806-896 T&UHF $97.75 $49.37 2.17 lb. $48.59 0.99 kg. $48.00	**30717** 806-896 $46.50 $23.49 0.73 lb. $23.12 0.33 kg. $22.84	**56628** 806-866 $27.95 $16.48 1 lb. $15.92 0.45 kg. $15.36

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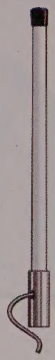
800 MHz Low Profile, Marine [360-40]

Manufacturer Table	Sinclair Excaliber 500R1	AC Marine A/S CELsea1A	Maxrad, Inc BMPLV800HD	Antenex TRA8063
				
Product Narrative	Radome enclosed antenna is designed for a variety of mobile applications: railroad locomotives, taxis, police cars, emergency vehicles, buses, trucks and industrial service vehicles. Direct N female termination. Ground plane is required.	3 dB gain fiberglass marine antenna. Requires no ground plane. Easily removed for storage without handling feedcable. Can be used as unity gain antenna for land/mobile applications. Includes 20' of cable. NO connector.	The BMLPV800HD has superior pattern coverage for mobile and fixed applications using freqencies from 806 to 960. The design provides broadband performance with minimum loss and no tuning. Heavy duty one-piece construction designed to withstand the toughest operating conditions. Ground plane is required.	The Phantom low visibility ante has a wide bandwidth and low r ation pattern for superior resul Exterior is made of the highest grade plastic suitable for inside outside use. Available in black o white. For use with Motorola st mounts.
Gen. Freq. (MHz)	806-1000	806-866	806-960	806-866
Gain (dB)	Unity	0/3	1 dB	3
Maximum Power (Watts)	50	100	150	200
Whip Length (In.)	4.5"	20"	2.42	2.5"
Whip Material	Cast Aluminum	Copper in a fiberglass radome	All black, one piece construction	ABS plastic
Mount Type	Screws and weatherproof gasket supplied	1"-14 male thread. Order mount separately	Order separately from Motorola style mounts	Order separately from Motorol style mounts
Cable	N/A	20' white RG58C/U	N/A	N/A
Connector	N/A	None	N/A	N/A
Warranty	2 Years	1 Year	2 Years	2 Years
TESSCO Part No.	**96300** 806-866	**75558** 806-866	**474370** NEW 806-960	**47999** 806-866 Black
List Price: T-1 Price:	$52.00 $44.20	$108.55 $67.28	$42.95 $21.48	**95355** 806-866 White
Ship lb.: T-2 Price:	2 lb. $40.04	1.27 lb. $62.40	0.91 lb. $20.62	$38.70 $22.30
Ship kg.: T-3 Price:	0.91 kg. $39.00	0.58 kg. $60.77	0.41 kg. $20.19	0.17 lb. $18.54
				0.08 kg. $17.34

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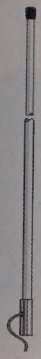
Antennas, Mobile Two-way, GPS, XM

	C Marine A/S CELsea3A	AC Marine A/S CELsea6A	RFS Celwave CELsea9A	Manufacturer Table	Antenna Specialists ASPG8891
				**900 MHz Rooftop, Mag, Trunk Lip [360-42]**	
Product Narrative	B gain fiberglass marine antenna. quires no ground plane. Easily noved for storage without han- g feed cable. Can be used as gain antenna for land/mobile lications.	3 dB gain fiberglass marine antenna. Requires no ground plane. Easily removed for storage. Use on pow- erboats, sailboats and commercial craft. (This is an exact replacement for the CEL-1A)	6 dB gain fiberglass marine antenna. Requires no ground plane. Easily removed for storage. Use on pow- erboats, sailboats and commercial craft. (Exact replacement for the CEL-3A antenna).		Medallion low profile "disguised" antenna. Durable water-resistant design. May be used with fixed data applications or as a mobile antenna. 12" ground plane is required.
Gen. Freq. (MHz)	-866	806-866	806-866		890-960
Gain (dB)		0/3	3/6		Unity
Maximum Power (Watts)		50	100		10
Whip Length (In.)		20"	8'		1.38"
Whip Material	per in a fiberglass radome	Copper in a fiberglass radome	Copper in a fiberglass radome		High impact plastic 4.88" dia.
Mount Type	4 male thread. Order mount rately.	1"-14 female thread. Order mount separately	1"-14 female thread. Order mount separately		Order separately from K166 mounts
Cable	white RG58C/U	Order separately	Order separately		N/A
Connector	er separately	Direct N female	Direct N female		N/A
Warranty	ar	1 Year	1 Year		2 Year
TESSCO Part No.	**37**	**74309**	**61095**		**94104**
List Price:	806-866	806-866	806-866		890-960
Ship lb.:	0.00	$108.55	$151.85		$58.90
Ship kg.:	kg.	1.2 lb.	5 lb.		0.5 lb.
T-1 Price:	$99.20	$67.28	$94.14		$31.21
T-2 Price:	$92.00	$62.40	$87.31		$28.86
T-3 Price:	$89.60	$60.77	$85.03		$28.27

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900 MHz Rooftop, Mag, Trunk Lip [360-42]

Manufacturer Table	Antenna Specialists ASPG930	Antenex DISC890M	Radiall/Larsen LPTNMO Series	Sinclair Excaliber 500R1
Product Narrative	Rugged low silhouette transit antenna. Enclosed in a high impact molded ASA radome. Includes 4 truss head slotted bolts (#10), 4 self-tapping sheet metal screws and 1 1/8" thick rubber pad. UHF female termination. Ground plane is required.	The Discadoo low visibility antenna was designed for local and federal law enforcement. Available in ground plane or no ground plane versions* Requires a NMO/Motorola style mount.	The Shadow low visibility transit style antenna includes copper radiators in a UV and chemical resistant Macroblend shell. Superseal gasket for weatherproofing. Ground plane is required. Available in black or white.	Radome enclosed antenna is designed for a variety of mobile applications: railroad locomotiv taxis,police cars, emergency vel cles, buses and trucks. N femal termination. Ground plane is required. Available in gray or w
Gen. Freq. (MHz) Gain (dB) Maximum Power (Watts)	896-960 Unity 100	890-960 Unity 100	890-970 Unity 100	806-1000 Unity 50
Whip Length (In.) Whip Material	3.38" (H. 3.4" L. 8" W. 3.5") Brass rod with ASA plastic radome.	7/8" ABS Plastic 4" dia.	3.5" Macroblend shell 1.5" dia.	4.5" Cast Aluminum
Mount Type	Screws and rubber mounting pad supplied	Order separately from Motorola style mounts	Order separately from Motorola style mounts	Screws and weatherproof gask supplied
Cable Connector Warranty	N/A N/A 2 Years	N/A N/A 2 Years	N/A N/A 3 years	N/A N/A 2 Years
TESSCO Part No.	**69110** 896-960	**85410** 890-960 G.P.*	**95021** 890-960 Black	**74603** 896-960 White
List Price: T-1 Price:	$46.50 $23.49	$173.55 $99.96	$27.95 $16.48	**83086** 896-960 Gray
Ship lb.: T-2 Price:	0.6 lb. $23.12	1 lb. $83.13	1 lb. $15.92	$52.00 $44.20
Ship kg.: T-3 Price:	0.27 kg. $22.84	0.45 kg. $77.75	0.45 kg. $15.36	1 lb. $40.04
		73445 890-960 N.G.*		0.45 kg. $39.00
		$97.45 $56.14		
		1 lb. $46.68		
		0.45 kg. $43.66		

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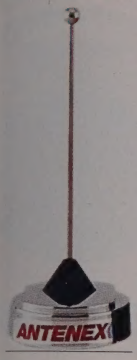
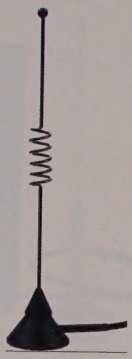
tenex W900	Maxrad, Inc BMMG-9150	Maxrad, Inc BMMG-9153	Maxrad, Inc BMAX9155S	Maxrad, Inc MUF9000
				
ty gain antenna. No tuning uired. Features brass button tact. Order Motorola style unt separately.	Miniature Magnetic Mount antenna features 12' of coax fully integrated in the antenna. It's small, easily transportable and quickly installed. The antenna is broadbanded and offered with several different connector options.	Miniature Magnetic Mount antenna features 12' of coax fully integrated in the antenna. It's small, easily transportable and quickly installed. The antenna is broadbanded and offered with several different connector options.	A complement to the popular line of BMAX base antennas for the 900 MHz band. Specially designed for SMR and Cellular systems in rural areas, this antenna provides high gain with a special single phasing coil design.	Unity gain antenna. Ready to install, no rod cutting required. For use with Motorola style mounts.
-970 y	896-960 1 16	896-960 3 16	890-945 4.0 150	896-940 Unity 150
stainless steel	3.25 Black Chrome Stainless Steel	6.5 Black Chrome Stainless Steel	13 Black Finish Stainless Steel	2.9" Stainless steel
er separately from Motorola mounts	Magnetic	Magnetic	Order separately from Motorola style mounts	Order separately from Motorola style mounts
ars	12' RG174 See Below 2 Years	12' RG174 See Below 2 Years	N/A N/A 2 Years	N/A N/A 2 Years
21 NEW 896-970 Chrome 5 $4.76 b. $3.96 kg. $3.70 398 NEW 896-970 Black 75 $8.50 b. $7.07 kg. $6.61	**86503** 896-960 BNC $38.65 $19.33 0.3 lb. $18.56 0.14 kg. $18.17 **86476** 896-960 N $40.65 $20.33 0.3 lb. $19.52 0.14 kg. $19.11 **86472** SMA $38.65 $19.33 0.3 lb. $18.56 0.14 kg. $18.17	**31321** 896-960 BNC $45.65 $22.83 0.3 lb. $21.92 0.14 kg. $21.46 **24379** 896-960 N $47.45 $23.73 0.3 lb. $22.78 0.14 kg. $22.31 **18311** 896-960 SMA $45.65 $22.83 0.3 lb. $21.92 0.14 kg. $21.46	**21495** 890-945 $37.90 $19.69 0.25 lb. $18.37 0.11 kg. $17.72	**98642** 896-940 Black $14.10 $7.05 0.1 lb. $6.77 0.05 kg. $6.63 **54330** 896-940 Chrome $7.85 $3.92 0.1 lb. $3.77 0.05 kg. $3.69

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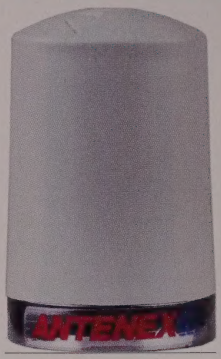
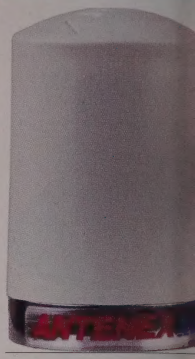
900 MHz Rooftop, Mag, Trunk Lip [360-42]

Manufacturer Table	Astron Wireless Tech. NP9000^	ARC Wireless Solutions F900	Antenex TRA8903 NOGROUND	Antenex TRA8903
				
Product Narrative	New & Improved performing LoPro 3dB trunking mobile antenna. Made of high-impact plastic. Ground plane is required. Available in black or white.	These portable covert antennas can be attached to glass, metal, plastic or electronic devices and are designed to blend with these surfaces, where a whip would not. Made of black plastic.	The Phantom low visibility antenna has a wide bandwidth and low radiation pattern for superior results. Exterior is made of highest grade plastic. No ground plane is required. For use with Motorola style mounts. Available in black or white.	The Phantom low visibility anten has a wide bandwidth and low ra ation pattern for superior result Exterior is made of the highest grade plastic. For inside or outsi use. Ground plane is required. F use with Motorola style mounts. Available in black or white.
Gen. Freq. (MHz) Gain (dB) Maximum Power (Watts)	890-950 3 125	880-960 3.5dBi N/A	890-960 3 200	890-960 3 200
Whip Length (In.) Whip Material	5/8" Rugged, high-impact engineered plastic	6" Plastic	2.5" High grade plastic	2.5" High grade plastic
Mount Type	waterproof acrylic foam adhesive	Velcro or double-sided tape	Order separately from Motorola style mounts	Order separately from Motorola style mounts
Cable Connector Warranty	15' RG58/U Order separately 1 Year	10" See below 15 Mo	N/A N/A 2 Years	N/A N/A 2 Years
TESSCO Part No.	**29713** 890-950 White	**52989** 880-960 SMB	**43748** 902-928 White	**82141** 890-960 White
List Price: T-1 Price:	**81320** 890-950 Black	$106.35 $49.22	$41.10 $23.67	**30534** 902-928 White
Ship lb.: T-2 Price:	$89.95 $45.97	0.5 lb. $43.40	0.5 lb. $19.68	$38.70 $22.30
Ship kg.: T-3 Price:	1 lb. $44.53	0.23 kg. $42.54	0.23 kg. $18.41	0.5 lb. $18.54
	0.45 kg. $44.08	**92631** 880-960 MiniUHF		0.23 kg. $17.34
		$96.05 $44.46		
		0.5 lb. $39.20		
		0.23 kg. $38.42		

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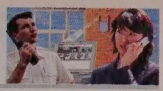
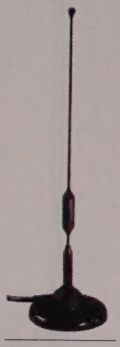


tron Wireless Tech. MO9000	Radiall/Larsen MS3E900	Radiall/Larsen MM3E900	Antenna Specialists ASP1860	Antenex A8963
				
w & Improved performing Pro 3dB trunking mobile enna. Made of high-impact plas- Ground plane is required. For with Motorola style mounts. ilable in black or white.	Mini magnet mount antenna with heavy duty flexible enclosed coil whip. 2" dia. magnet has 18 lbs. of pull strength.	Magnet mount antenna with heavy duty flexible enclosed coil whip. Magnet has 54 lbs. of pull strength.	High performance collinear antenna with black DURA-COAT finish. A.S. male/ female contact provides positive connection for noiseless duplex operation.	3 dB gain antenna features a molded ABS mount base, polished radiator and a stylish aerodynamic design. For use with Motorola style mounts.
-950	890-960 3.4 40	890-960 3.4 60	890-960 3 100	896-970 3 200
ged, high-impact engineered tic	13" 17-7 Stainless Steel Kulrod Copper Plated	13" 17-7 Stainless Steel Kulrod Copper Plated	14" Stainless steel with black DURA-COAT finish	13" Type 302 stainless steel
er separately from Motorola mounts	Magnet Mount	Magnet Mount	3/4" Hole mount with male/female contact (K-166)	Order separately from Motorola style mounts
er separately ar	12' RG-174 See below. 3 yr.	12' RG-58A/U dual shield See below. 3 yr.	17' Proflex See below 2 Years	N/A N/A 2 Years
22 890-950 White **43** 890-950 Black 95 $45.97 $44.53 kg. $44.08	**66205** 890-960 MiniU $35.00 $20.65 1 lb. $19.95 0.45 kg. $19.25 **14598** 890-960 TNC $36.70 $21.64 1 lb. $20.91 0.45 kg. $20.17	**42275** 890-960 MiniU **15847** 890-960 TNC $40.00 $23.60 1 lb. $22.80 0.45 kg. $22.00	**76259** 890-960 N $52.25 $26.65 1.5 lb. $23.78 0.68 kg. $23.52 **65562** 890-960 TNC $47.25 $24.10 1.5 lb. $21.50 0.68 kg. $21.27 **90741** 890-960 Ant. Only $23.75 $12.12 0.58 lb. $10.81 0.26 kg. $10.69	**56134** 896-970 Chrome $23.20 $13.36 0.5 lb. $11.11 0.23 kg. $10.39 **472334** NEW 896-970 Black $36.05 $20.77 0.5 lb. $17.27 0.23 kg. $16.15

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900 MHz Rooftop, Mag, Trunk Lip [360-42]

Manufacturer Table	Antenex QW8963	Radiall/Larsen NMO3E900B	Maxrad, Inc MAX9053	Maxrad, Inc MUF8963
Product Narrative	3dB gain flexible 5/8 over 1/4 wave antenna. For use with Motorola style mounts.	Motorola-style 3.2dB roof mount antenna with enclosed coil whip. Flexible Kraton rubber enclosed coil is unique to Radiall/Larsen. For use with Motorola style mounts.	3 dB gain antenna features a ABS base, long lasting large diameter spring loaded contact. No rod cutting is required. For use with Motorola syle mounts.	3 dB gain antenna with "Super-flex" whip. The design of this antenna eliminates breakage due limited head room is eliminated. For use with Motorola style mounts.
Gen. Freq. (MHz)	896-970	896-964	896-940	896-940
Gain (dB)	3	3.2	3	3
Maximum Power (Watts)	200	200	150	150
Whip Length (In.)	14"	13.5"	10.7"	14"
Whip Material	Type 302 stainless steel	Copper plated stainless steel whip w/ black finish	Stainless steel	Stainless steel
Mount Type	Order separately from Motorola style mounts	Order separately from Motorola style mounts	Order separately from Motorola style mounts	Order separately from Motorol style mounts
Cable	N/A	N/A	N/A	N/A
Connector	N/A	N/A	N/A	N/A
Warranty	2 Years	3 years	2 Years	2 Years
TESSCO Part No.	**21488** 896-970 Chrome	**61888** 890-960	**62226** 896-940 Black	**25082** 896-940 Chrom
List Price: T-1 Price:	$12.75 $7.33	$27.35 $16.13	$25.75 $12.86	$12.00 $6.00
Ship lb.: T-2 Price:	0.25 lb. $6.10	0.36 lb. $15.58	0.17 lb. $12.35	0.14 lb. $5.76
Ship kg.: T-3 Price:	0.11 kg. $5.70	0.16 kg. $15.04	0.08 kg. $12.09	0.06 kg. $5.64
	85060 896-970 Black		**23833** 896-940 Chrome	**63475** 896-940 Black
	$19.25 $11.08		$21.45 $11.15	$18.35 $9.18
	0.25 lb. $9.21		0.17 lb. $10.40	0.14 lb. $8.81
	0.11 kg. $8.62		0.08 kg. $10.03	0.06 kg. $8.63

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shcraft/Signals 908A	Cushcraft/Signals SX908A	Cushcraft/Signals SN9282A	Radiall/Larsen NMO900	Comtelco A1185A
wave, 3 dB gain antenna. For with Motorola style mounts.	3dB flexible mobile antenna features impact resistant, water resistant and UV protected base. For use with Motorola style mounts.	Super Silverbutton collinear antenna. Contact between mount and antenna covers 100% of the contact surface for broader match. For use with Motorola style mounts.	3.4dB gain collinear rooftop antenna with spring. For use with Motorola style mounts.	The Classic Series 896-960 Mhz 5dB gain antenna. Features a spring loaded contact that insures a constant positive pressure connection. For use with Motorola style mounts.
960	896-960 3 50	928-960 3 200	865-965 3.4 200	896-960 5 200
PH Stainless steel	15" 17-7PH Stainless steel	10" 17-7PH Stainless steel	12.75 Stainless steel	15" 302 Stainless Steel.
er separately from Motorola mounts	Order Motorola style mount separately	Order separately from Motorola style mounts	Order separately from Motorola style mounts	Order Motorola style mount separately.
ar	N/A N/A 1 Year	N/A N/A 1 Year	N/A N/A 3 years	N/A N/A 2 Years
56 896-960 Chrome 90 $20.34 $17.46 kg. $16.95 **72** 896-960 Black 25 $22.94 $19.69 kg. $19.11	**94310** 896-960 $33.85 $20.30 0.2 lb. $17.42 0.09 kg. $16.91	**24307** 928-960 $15.00 $8.99 1 lb. $7.71 0.45 kg. $7.49	**60308** 890-960 $35.70 $21.05 0.28 lb. $20.34 0.13 kg. $19.62	**31477** 896-960 $28.50 $12.42 1.25 lb. $11.50 0.57 kg. $11.39

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Manufacturer Table	Radiall/Larsen NMO5T900B	Maxrad, Inc MN9155	Maxrad, Inc MUF8005/8325	Manufacturer Table
900 MHz Rooftop, Mag, Trunk Lip [360-42]				**900 MHz Glass Mount [360-43]**
Product Narrative	High gain NMO antenna with MakroBlend base and twin open coil whip. For use with Motorola style mounts.	ISM band antenna features a intergrated N male connector built into the base. Mounts easily to any type of N female connector.	5 dB gain trilinear antenna with a closed coil whip and low profile heavy duty base. For use with Motorola style mounts.	Product Narrative
Gen. Freq. (MHz)	890-960	902-928	806-940	Gen. Freq. (MHz)
Gain (dB)	5	5	5	Gain (dB)
Maximum Power (Watts)	200	100	200	Maximum Power (Watts)
Whip Length (In.)	18"	22.5"	25"	Whip Length (In.)
Whip Material	Black stainless steel	17-7PH Stainless steel	Stainless steel	Whip Material
Mount Type	Order separately from Motorola style mounts	Accepts N female connector	Order separately from Motorola style mounts	Mount Type
Cable	N/A	N/A	N/A	Cable
Connector	N/A	N/A	N/A	Connector
Warranty	3 years	2 Years	2 Years	Warranty
TESSCO Part No.	**65875** 890-960	**37298** 902-928 Black	**39629** 896-940 Chrome	**TESSCO Part No.**
List Price: T-1 Price:	$31.50 $15.75	$42.10 $21.05	$38.05 $19.79	List Price: T-1 Price
Ship lb.: T-2 Price:	1 lb. $15.59	0.2 lb. $20.21	1 lb. $18.46	Ship lb.: T-2 Price
Ship kg.: T-3 Price:	0.45 kg. $15.59	0.09 kg. $19.79	0.45 kg. $17.81	Ship kg.: T-3 Price
		24084 902-928 Chrome		
		$39.00 $19.48		
		0.2 lb. $18.71		
		0.09 kg. $18.32		

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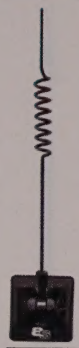
C Wireless Solutions A-908	Antenna Specialists AP874.3	Antenna Specialists APRG852.3	Radiall/Larsen KG3E900UD
			
cal antenna is designed to be unted inside the windshield. ck .003" circuit. Almost disap- rs into glareband. Retail pack- d.	On Glass IV low power antenna with enclosed coil whip. Features a small mounting foot for maximum efficiency especailly between defroster wires, solid state coupling box and a mini UHF connector on the coupler.	On Glass II high power antenna with open coil whip. Features a small flexible mounting foot that adheres better to curved glass surface and a mini UHF connector on the coupler.	Glass mount antenna with a small footprint and enclosed coil Super-Flex whip with Kulrod plating for maximum performance.
-925	870-960 3 10	890-960 3 60	890-960 3 60
q per clad FR4	14" Stainless steel with black DURA-COAT finish	14" Stainless steel with black DURA-COAT finish	13" Enclosed coil
s mount	On glass	On glass	Glass mount
RG58 A/U ler separately Days	15' RG58/U See below 2 Years	15' RG58/U See below 2 Years	14' RG58/U dual shield See below 2 Years
19 908-925 20 $28.33 b. $24.98 kg. $24.48	**10138** 870-960 M/UHF $40.50 $20.66 1.29 lb. $18.43 0.59 kg. $18.23 **48531** 870-960 N Male $45.50 $23.21 1.29 lb. $20.71 0.59 kg. $20.48 **86924** 870-960 TNC $40.50 $20.66 1.29 lb. $18.43 0.59 kg. $18.23 **427303** NEW 870-960 SMA $50.00 $25.50 1.29 lb. $22.75 0.59 kg. $22.50	**22286** 890-960 M/UHF **64117** 890-960 TNC $49.50 $25.25 1.29 lb. $22.53 0.59 kg. $22.28	**22816** 890-960 TNC **36030** 890-960 M/UHF $44.95 $26.51 1 lb. $25.61 0.45 kg. $24.71

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900 MHz Elevated Feed [360-44]

Manufacturer Table	Antenna Specialists ASPRG912	Antenna Specialists ASP910	Antenna Specialists ASPG911	Comtelco A1083B
Product Narrative	3 dB gain elevated feed trunk lip mount antenna with small foot design. Ground plane independent design allows installation on vehicles where no ground plane is available.	3 dB gain elevated feed antenna. Ground plane independent design allows installation on vehicles where no ground plane is available.	3 dB gain elevated feed antenna. No ground plane required. Requires a 7/8"-15/16" hole. Mount is adjustable up to 15 degrees. Order K301 or K304 series cable kit separately.	3 dB gain elevated feed black antenna. Ground plane indepen design allows installation on ve cles where no ground plane is able. For use with Motorola sty mounts.
Gen. Freq. (MHz) Gain (dB) Maximum Power (Watts)	890-960 3 40	890-960 3 40	890-960 3 40	896-960 3 200
Whip Length (In.) Whip Material	24" Stainless steel with black DURA-COAT finish	24" Stainless steel with black DURA-COAT finish	24" Stainless steel with black DURA-COAT finish	23" Stainless steel with black Polyes finish
Mount Type	Trunk lip mount with male/female contact	3/4" Hole mount with male/female contact (K-166)	7/8" Adjustable angle hole mount	Order separately from Motoro style mounts
Cable Connector Warranty	14' RG58/U See below 2 Years	17' RG58/U TNC 2 Years	Order separately N/A 2 Years	N/A N/A 2 Years
TESSCO Part No.	**23975** 890-960 TNC	**83573** 890-960 Ant. Only	**21250** 890-960	**56967** 896-960
List Price: T-1 Price:	$97.50 $49.73	$63.15 $32.20	$99.40 $50.69	$61.90 $27.00
Ship lb.: T-2 Price:	2.03 lb. $44.37	1.01 lb. $28.73	1.02 lb. $45.22	1.76 lb. $25.00
Ship kg.: T-3 Price:	0.92 kg. $43.88	0.46 kg. $28.41	0.46 kg. $44.73	0.80 kg. $24.75
		86071 890-960		
		$79.50 $40.55		
		1.72 lb. $36.18		
		0.78 kg. $35.78		

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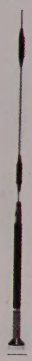
xrad, Inc JF9083	Maxrad, Inc MUF9043	Antenex E8965	Maxrad, Inc MUF9115
			
3 gain elevated feed antenna closed coil whip. No ground e is required. Ideal for vehicles no metallic surfaces. For use Motorola style mounts.	3 dB gain elevated feed antenna with closed coild whip. No ground plane is required. Ideal for vehicles with no metallic surface. For use with Motorola style mounts.	5 dB gain elevated feed antenna with closed coil whip. No ground plane is required. Ideal for vehicles with no metallic surfaces or where the signal must be radiated above the passenger compartment. For use with Motorola style mounts.	5 dB gain trilinear elevated feed antenna with closed coil whip. No ground plane is required. Ideal for vehicles with no metallic surfaces. For use with Motorola style mounts
-940	896-940 3 125	896-970 5 200	896-940 5 125
less steel	21" Stainless steel	26" Stainless steel	38" Stainless steel
er separately from Motorola mounts	Order separately from Motorola style mounts	Order separately from Motorola style mounts	Order separately from Motorola style mounts
ars	N/A N/A 2 Years	N/A N/A 2 Years	N/A N/A 2 Years
97 896-940 Chrome 50 $38.25 lb. $36.72 kg. $35.96	**88654** 896-940 Black $75.50 $37.75 0.57 lb. $36.24 0.26 kg. $35.49 **50261** 896-940 Chrome $69.50 $34.75 0.57 lb. $33.36 0.26 kg. $32.67	**49693** 896-970 Black $103.40 $59.56 0.58 lb. $49.53 0.26 kg. $46.33	**30942** 896-940 Black $91.55 $45.76 0.5 lb. $43.93 0.23 kg. $43.02 **82549** 896-940 Chrome $79.95 $39.96 0.5 lb. $38.37 0.23 kg. $37.57

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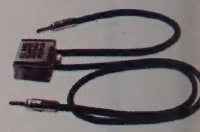
Monitor Antennas [360-45]

Manufacturer Table	Antenna Specialists MONR33	Antenna Specialists MONR51	Antenna Specialists MONR52	Antenna Specialists MON63
				
Product Narrative	Rooftop or deck mount antenna for permanent, professional applications requiring optimum multi-band reception. 3/8" hole mount.	Magnetic mount antenna. Powerful magnet base this antenna is ideal for temporary installations including hand held scanners.	Trunk lip mount antenna with exclusive micro-choke for pinpoint resonance at 800MHz. Covers aircraft and business bands. Complete with "Quick Grip" trunk-lip mount.	All band monitor AM/FM couple Adds scanner reception capabili to standard AM/FM car antennas without harming AM/FM reception. Easy to install. Includes coa cables.
Gen. Freq. (MHz)	25-1000	25-1000	25-1000	25-1000
Gain (dB)	N/A	N/A	N/A	N/A
Maximum Power (Watts)	N/A	N/A	N/A	N/A
Whip Length (In.)	45"	42"	42"	N/A
Whip Material	Stainless steel	Stainless steel	Stainless steel	N/A
Mount Type	3/8" Hole mount	Magnetic mount	Trunk lip mount	N/A
Cable	17' RG58/U	12' RG58/U	12' RG58/U	N/A
Connector	Pin plug	Pin plug	Pin plug	N/A
Warranty	1 Year	1 Year	1 Year	1 Year
TESSCO Part No.	**20272** 25-1000	**58665** 25-1000	**97058** 25-1000	**83844** 25-1000
List Price: T-1 Price:	$53.75 $26.88	$75.00 $37.87	$141.40 $71.40	$26.00 $13.13
Ship lb.: T-2 Price:	2.02 lb. $26.61	3.3 lb. $37.27	2.14 lb. $70.27	0.37 lb. $12.93
Ship kg.: T-3 Price:	0.92 kg. $26.29	1.50 kg. $36.82	0.97 kg. $69.42	0.17 kg. $12.77

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enex CANC	Radiall/Larsen NMO150/450/800	Maxrad, Inc MAXSCAN1000	Antenna Specialists MON53
ner receive antenna covers the UHF & 800 MHz bands. led ABS base mounts on orola style mounts.	This tri-band antenna covering 150-165, 450-470, & 806-940 MHz bands is ideal for Public Safety applications when the user needs multiple bands but also needs to limit antenna installations. In addition the NMO150/450/800 can be used as a scanner antenna or for the Ham bands.	Unity gain scanner receive antenna. For VHF, UHF and 800 MHz. Commercial grade receive only antenna for the off-duty public safety professional.	Rooftop or deck mount antenna for permanent, professional applications requiring optimum multi-band reception. 3/8" mount.
1000	150-940 Unity 100	150-840 Unity N/A	25-1000 N/A N/A
302 stainless steel	16.5" Black stainless steel	15" Stainless steel	49" Stainless steel
r separately from Motorola mounts	Order separately from Motorola style mounts	Order separately from Motorola style mounts	3/8" Hole mount
rs	N/A N/A 2 Years	N/A N/A 2 Years	17' RG58/U Pin plug 1 Year
43 150450/800Blk 0 $20.67 . $17.19 kg. $16.08 50 150450/800Chr 5 $17.58 . $14.62 kg. $13.67	**427126** 150/450/800 Blk $25.00 $14.75 0.5 lb. $14.25 0.23 kg. $13.75	**61375** 150-840 Chrome $27.90 $14.51 0.28 lb. $13.54 0.13 kg. $13.06 **81033** 150-840 Black $32.80 $17.06 0.28 lb. $15.91 0.13 kg. $15.35	**45451** 25-1000 $71.90 $36.30 2 lb. $35.73 0.91 kg. $35.30

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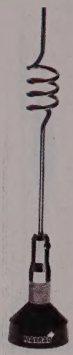
Disguise Antennas [360-46]

	Manufacturer Table	Antenex ADB150	Maxrad, Inc MAX150D	Maxrad, Inc MAX450D	Manufacturer Table
					
Product Narrative		Cellular look-a-like antenna. Low profile molded ABS base. For use with Motorola style mounts.	Open coil cellular look-a-like antenna. For use with Motorola style mounts.	Open coil cellular look-a-like antenna. For use with Motorola style mounts.	Product Narrative
Gen. Freq. (MHz) Gain (dB) Maximum Power (Watts)		150-174 Unity 200	150-174 Unity 200	450-490 Unity 200	
Whip Length (In.) Whip Material		20" Type 302 stainless steel Black finish	15.5" Stainless steel	15.5" Stainless steel	
Mount Type		Order separately from Motorola style mounts	Order separately from Motorola style mounts	Order separately from Motorola style mounts	Mount Type
Cable Connector Warranty		N/A N/A 2 Years	N/A N/A 2 Years	N/A N/A 2 Years	Cable Connector Warranty
TESSCO Part No.		**80064** 150-174 Black	**22584** 150-174 Black	**60977** 450-470 Black	**TESSCO Part No.**
List Price:	T-1 Price:	$32.85 $18.93	$28.60 $14.86	$28.60 $14.86	List Price: T-1 Price:
Ship lb.:	T-2 Price:	0.18 lb. $15.74	0.24 lb. $13.86	0.24 lb. $13.86	Ship lb.: T-2 Price:
Ship kg.:	T-3 Price:	0.08 kg. $14.72	0.11 kg. $13.38	0.11 kg. $13.38	Ship kg.: T-3 Price:
		93278 150-174 Chrome	**42568** 150-174 Chrome		
		$27.60 $15.90	$25.25 $13.13		
		0.18 lb. $13.22	0.24 lb. $12.25		
		0.08 kg. $12.37	0.11 kg. $11.82		

Dual Band Antennas [360-48]

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...all/Larsen ...O150/450C	Maxrad, Inc MAX150/450	Maxrad, Inc MLPVDB800/1900	Maxrad, Inc MLPVDB902/2400	Antenex Dual Band
...band antenna. One antenna ...es both UHF and VHF bands. ...with dual band radio or two ...rate radios. For use with ...orola style mounts.	Dual band antenna. One antenna serves both UHF and VHF bands. Use with dual band radio or two separate radios. For use with Motorola style mounts.	The MLPVDB series has superior pattern coverage for mobile and fixed applications using freqencies from 806 to 1990. The design provides broadband performance with minimum loss and no tuning. Efficient radiator design with rugged solid brass construction. Ground plane is required.	The MLPVDB series has superior pattern coverage for mobile and fixed applications using freqencies from 806 to 1990. The design provides broadband performance with minimum loss and no tuning. Efficient radiator design with rugged solid brass construction. Ground plane is required.	Dual band antennas covering the 144/440 bands and 150/450 bands. Features 2 dB gain on VHF and 5dB on UHF. Use with a dual band radio or two separate radios. For use with Motorola style mounts.
...54/450-460 ...5	150-174/450-470 Unity 200	806-960/1710-1990 2 150	902-928/2400-2500 2 150	144-174/440-470 2&5dB 200
...PH Stainless steel "Kulrod" ...d	18" 17-7PH Stainless steel	2.5 Plastic Radome	2.5 Plastic Radome	35" 17-7PH Stainless steel
...r separately from Motorola ...mounts	Order separately from Motorola style mounts	NMO	NMO	Order separately from Motorola style mounts
...rs	N/A N/A 2 years	N/A N/A 2 Years	N/A N/A 2 Years	N/A N/A 2 years
...8 150-154/ 450-460 ...5 $31.17 ...o. $30.12 ...g. $29.06	**74191** Black $32.80 $17.06 0.28 lb. $15.91 0.13 kg. $15.35 **78507** Chrome $27.90 $14.51 0.28 lb. $13.54 0.13 kg. $13.06	**54806** Black/Chrome **60692** Black/Black **60346** White/Chrome $45.00 $22.50 0.91 lb. $21.60 0.41 kg. $21.15	**60697** Black/Chrome **60717** Black/Black $45.00 $22.50 0.91 lb. $21.60 0.41 kg. $21.15	**16492** 150-174/ 450-470 **81313** 144-148/ 440-450 $50.20 $28.92 1 lb. $24.05 0.45 kg. $22.49

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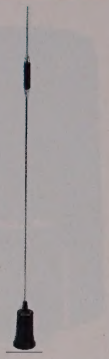
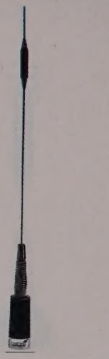
Dual Band Antennas [360-48]

Manufacturer Table	Antenex Dual Band	Radiall/Larsen NMO2/70	Maxrad, Inc MDB1444S	Maxrad, Inc MDB1444
				
Product Narrative	Amateur dual band antenna with spring covering the 144 and 440 MHz bands. Features 2 dB gain on VHF and 5dB on UHF. Use with a dual band radio or two separate radios. For use with Motorola style mounts.	Dual band antenna. Chrome whip with black base antenna serves both UHF and VHF amateur bands. Use with dual band radio or two separate radios. For use with Motorola style mounts.	Dual band antenna with spring. One antenna serves both UHF and VHF bands. Use with dual band radio or two separate radios. For use with Motorola style mounts.	Dual band antenna. One antenn serves both UHF and VHF band For use with dual band radio or two separate radios. For use wi Motorola style mounts.
Gen. Freq. (MHz) Gain (dB) Maximum Power (Watts)	144-148/440-450 2&5dB 200	144-148/440-450 1.6/3.5 100	144-174/442-470 2/5dB 200	144-174/442-470 2/5dB 200
Whip Length (In.) Whip Material	35" 17-7PH Stainless steel	37.25" 17-7PH Stainless steel "Kulrod" plated chrome	34.5" 17-7PH Stainless steel Stainless steel spring	34" 17-7PH Stainless steel
Mount Type	Order separately from Motorola style mounts	Order separately from Motorola style mounts	Order separately from Motorola style mounts	Order separately from Motorol style mounts
Cable Connector Warranty	N/A N/A 2 years	N/A N/A 3 years	N/A N/A 2 years	N/A N/A 2 years
TESSCO Part No.	**29706** 144-148/ 440-450	**94954** 144-148/ 440-450	**54982** 144-148/ 442-450	**16589** 144-148/ 440-4
List Price: T-1 Price:	$60.20 $34.67	$60.75 $35.85	**68196** 150-174/ 450-470	**29803** 150-174/ 450-47
Ship lb.: T-2 Price:	1 lb. $28.83	0.36 lb. $34.63	$55.90 $29.07	$45.90 $23.87
Ship kg.: T-3 Price:	0.45 kg. $26.97	0.16 kg. $33.42	1.75 lb. $27.11 0.80 kg. $26.16	1.34 lb. $22.26 0.61 kg. $21.48

TESSCO TECHNOLOGIES®

^ = Field tunable to exact frequency * = Specify frequency when ordering

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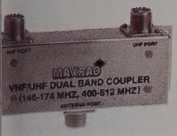
150/450



ual band coupler allows simul-
us operation of a VHF/UHF
eiver with dual antennas or
eration of separate radios
single dual band antenna.

74/406-512

emale

	144-174/ 406-512
0	$86.17
	$80.37
	$77.55

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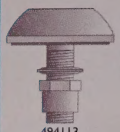
GPS Antennas [360-60]

GPS Marine



494113

This easy-to-install GPS marine antenna can be installed directly on the deck of your boat. Walking on the antenna is no problem - or on a rail mount or any of the 1"-14 standard marine mounts (together with an adapter). Order mount and cable separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Gain (dB) Mount Type	Whip Length (In.), Whip Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 494113 1 EACH	AC Marine A/S GPS 1 year	1575.42 26 Order separately	N/A N/A Order separately FME male	92.70 0.25 0.11	57.47 53.30 51.91

NavTrak.net

Looking to increase your bottom line? Look into Navtrak vehicle-tracking systems. We offer high profit margins and recurring revenue opportunities. Ask about Navtrak today!

See Automatic Vehicle Locators, page 1228

ASPD8894

29325

Tele-Locator Dual-System Cellular and GPS magnet mount antenna. Based on the low profile Medallion design the high impact molded radome assures long, reliable performance. Install in seconds using a high strength Neodynium magnet base for temporary applications.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Gain (dB) Mount Type	Whip Length (In.), Whip Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
29325 1 EACH	Antenna Specialists ASPD8894TGPS 1 Year	Cellular/GPS 0/21 Magnet Mount	4.88"dia. Molded Radome 15' RG58/U/15' RG174 TNC/SMA male	160.00 3 1.36	80.80 79.52 78.56

ASPD913

Tele-Locator Dual-System Cellular and GPS mirror mount antenna. Ground-plane independent design allows installation on horizontal or vertical mirror supports on the side of the cab or vehicle. Active GPS antenna is built into the base of the antenna.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Gain (dB) Mount Type	Whip Length (In.), Whip Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
25052 1 EACH	Antenna Specialists ASPD913TGPS 1 Year	Cellular/GPS 3/21 Mirror mount	24" Black Stainless steel 17' RG58/U/10' RG174 TNC and MCX Plug	225.00 2 0.91	113.62 111.82 110.47

ASPD8891

Tele-Locator Dual-System Cellular and GPS 3/4" hole mount antenna. Based on the low profile Medallion design the high impact molded radome assures long, reliable performance. Includes a 3/4" hole mount, cable and connectors.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Gain (dB) Mount Type	Whip Length (In.), Whip Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
29310 1 EACH	Antenna Specialists ASPD8891TGPS 1 Year	Cellular/GPS 0/21 3/4" hole mount	4.88"dia. Molded Radome 15' RG58/U/15' RG174 TNC/SMA male	155.00 1.3 0.59	78.28 77.04 76.11

ASPD917

Tele-Locator Dual-System Cellular and GPS trunk mount antenna. Elevated feed point design elimina need for a ground plane. Active GPS antenna is bu into the swivel base/ mount of the antenna. Includ adjustable trunk lip mount, cable and connectors.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Gain (dB) Mount Type	Whip Length (In.), Whip Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
62572 1 EACH	Antenna Specialists ASPSD917TGPS 1 Year	Cellular/GPS 3/21 Trunk lid mount	24" Black Stainless steel 17' RG58/U/10' RG174 TNC and MCX Plug	165.00 1.06 0.48	8 8 8

ASPD1860TGPS

Tele-Locator Dual-System Cellular or 800/ 900 MI Trunking (SMR) and GPS 3/4" hole mount antenna Active GPS antenna is built into the base/ mount c antenna. Ultrasonic seal protects GPS antenna aga extreme weather conditions while spherical rador surface resists water droplet retention. O ring sea mount interface with a foam Neoprene perimeter

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Gain (dB) Mount Type	Whip Length (In.), Whip Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
482004 1 EACH	Antenna Specialists ASPA1860TGPS 1 Year	806-860/GPS 3/27 3/4" hole mount	12.25"-14.25" Black Stainless Steel 15' Pro-Flex+/15' RG174 TNC and SMA Male	165.00 1.06 0.48	8 8 8
91466 1 EACH	Antenna Specialists ASPD1860TGPS 1 Year	824-894/GPS 3/27 3/4" hole mount	12.25"-14.25" Black Stainless Steel 15' Pro-Flex+/15' RG174 TNC and SMA Male	165.00 1.06 0.48	8 8 8
412001 1 EACH	Antenna Specialists ASPG1860TGPS 1 Year	890-960/GPS 3/27 3/4" hole mount	12.25"-14.25" Black Stainless Steel 15' Pro-Flex+/15' RG174 TNC and SMA Male	165.00 1.06 0.48	8 8 8

ASPD914TGPS

Tele-Locator Dual-System Cellular and GPS trunk lid m antenna. Active GPS antenna is built into the base/ mour the antenna. Ultrasonic seal protects GPS antenna again extreme weather conditions while spherical radome sur resists water droplet retention.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Gain (dB) Mount Type	Whip Length (In.), Whip Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
91597 1 EACH	Antenna Specialists ASPD914TGPS 1 Year	Cellular/GPS Unity/27 Trunk Lid Mount	3.2" Flexible plated steel cable 15' Pro-Flex+/15' RG174 TNC and SMA Male	175.00 1.06 0.48	8 8 8

K-721GPS

412116

Tele-Locator Dual-System VHF/UHF and GPS no hole trur mount ONLY. Active GPS antenna is built into the base/ m of the antenna. Ultrasonic seal protects GPS antenna again extreme weather conditions while spherical radome surfa resists water droplet retention. Accepts any NMO conver antenna for active GPS capability.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Gain (dB) Mount Type	Whip Length (In.), Whip Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
412116 1 EACH	Antenna Specialists K721GPS 1 Year	150-890/GPS Unity/27 Trunk lid	Purchase Separately 17' RG58/U/17' RG174 None and SMA Male	134.95 1.06 0.48	6 6 6

^ = Field tunable to exact frequency * = Specify frequency when ordering

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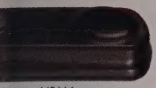
1860PGPS

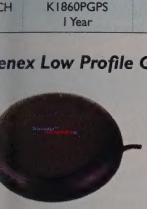


442116

Tele-Locator Dual-System VHF/UHF and GPS 3/4" hole mount ONLY*. Active GPS antenna is built into the base/ mount of the antenna. Ultrasonic seal protects GPS antenna against extreme weather conditions while spherical radome surface resists water droplet retention. Covers 150-890 MHz, using field tunable K-790GPSZ whip (SKU 471177), and GPS/ 1575 MHz.

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Gain (dB) Mount Type	Whip Length (In.), Whip Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
16 CH	Antenna Specialists K1860PGPS 1 Year	150-890/GPS Unity/27 3/4" hole mount	Purchase Separately 15' RG58/U/15' RG174 PL259 and SMA Male	143.15 1.06 0.48	72.29 71.14 70.28

enex Low Profile GPS Antenna



Low profile GPS antenna with a choice of self adhesive base, magnet mount or 3/4" hole mount. Active ceramic antenna element. Constructed of durable ABS plastic.

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Gain (dB) Mount Type	Whip Length (In.), Whip Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1 H	Antenex GPSU15GBNC 2 Years	1575.42 27 Magnet Mount	4" dia. x 7/8"H ABS Plastic 14' RG174 BNC	143.55 1 0.45	74.65 71.77 68.90
0 H	Antenex GPSU15GSMA 2 Years	1575.42 27 Magnet Mount	4" dia. x 7/8"H ABS Plastic 14' RG174 SMA	143.55 1 0.45	74.65 71.77 68.90
7 H	Antenex GPSU15SMA 2 Years	1575.42 27 Self Adhesive	4" dia. x 7/8"H ABS Plastic 14' RG174 SMA	138.55 0.5 0.23	72.05 69.27 66.50
5 H	Antenex GPSU15BNC 2 Years	1575.42 27 Self Adhesive	4" dia. x 7/8"H ABS Plastic 14' RG174 BNC	138.55 0.5 0.23	72.05 69.27 66.50
8 H	Antenex GPSU15MCX 2 Years	1575.42 27 Self Adhesive	4" dia. x 7/8"H ABS Plastic 14' RG174 MCX	293.05 0.5 0.23	152.38 146.52 140.66
7 H	Antenex GPSU15MMB8B 2 Years	1575.42 27 3/4" Hole Mount	4" dia. x 7/8"H ABS Plastic 14' RG58 BNC	170.00 0.85 0.39	88.40 85.00 81.60
5 H	Antenex GPSU15M 2 Years	1575.42 27 Purchase Separately	4" dia. x 7/8"H ABS Plastic Order from Motorola style mounts None	150.00 0.5 0.23	78.00 75.00 72.00

nex Dual Band GPS Antennas

Phantom dual band GPS and UHF antenna. Features low visibility, wide bandwidth and a low radiation pattern. Printed circuit element design for UHF antenna is enclosed in a impact resistant ABS radome and provides excellent mechanical and electrical stability. Fits into a standard 3/4" hole and mounts with a locking washer with nut.

n	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Gain (dB) Mount Type	Whip Length (In.), Whip Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
0 1	Antenex GPSD9023P 2 Years	902-928/ GPS 27/3 3/4" Hole	3.25" dia. x 3.5"H Black ABS Plastic 14' RG174/RG58 SMB and N	200.00 0.5 0.23	104.00 100.00 96.00
9 1	Antenex GPSD4503P 2 Years	450-470/ GPS 27/3 3/4" Hole	3.25" dia. x 3.5"H Black ABS Plastic 14' RG174/RG58 SMB and N	200.00 0.5 0.23	104.00 100.00 96.00

ARC GPS Antennas

490163 420183

This GPS antenna is designed to be installed in concealed interior vehicle locations such as the front or rear deck that will provide sufficient satellite reception to allow the receiver to obtain and maintain GPS signal lock. It can be installed over metal. Available as a PC board only or with a radome.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Gain (dB) Mount Type	Whip Length (In.), Whip Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 490163 1 EACH	ARC Wireless Solutions AAI-00071 15 Mo	1575.42 27 Deck w/o Radome	3-1/8 x 4-3/8 x 1/16 Plastic 10' RG174 Order separately	70.05 1.06 0.48	32.41 28.58 28.01
NEW 420183 1 EACH	ARC Wireless Solutions AAI-00086 15 Mo	1575.42 27 Deck w/Radome	3-1/8 x 4-3/8 x 3/4 Plastic 10' RG174 Order separately	87.55 1.06 0.48	40.52 35.73 35.02

ARC Multiband Antennas

435151 480128

This GPS multiband antenna is designed to be installed in concealed interior vehicle locations such as the front or rear deck that will provide sufficient satellite reception to allow the receiver to obtain and maintain GPS signal lock. It can be installed over metal. Available as a PC board only or with a radome.

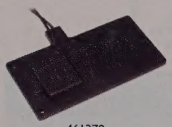
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Gain (dB) Mount Type	Whip Length (In.), Whip Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 435151 1 EACH	ARC Wireless Solutions AAI-00094 15 Mo	Cell/PCS/GPS 0/0/27 Deck w/o Radome	3-1/8 x 4-3/8 x 1/16 Plastic 10' RG58 / 10' RG174 Order separately	99.20 1.06 0.48	45.90 40.48 39.67
NEW 480128 1 EACH	ARC Wireless Solutions AAI-00260 15 Mo	Cell/PCS/GPS 0/0/27 Deck w/Radome	3-1/8 x 4-3/8 x 3/4 Plastic 10' RG58 / 10' RG174 Order separately	116.70 1.06 0.48	54.01 47.63 46.68

NP15000

Amplified low-profile GPS antenna. Made of high impact plastic. Ground plane is required. Double sided, waterproof, acrylic foam adhesive mount. Order connector separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Gain (dB) Mount Type	Whip Length (In.), Whip Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
90877 1 EACH	Astron Wireless Tech. NP15000 1 Year	1575 27 Adhesive	5/8"H x 4.5 dia. High-impact plastic 16' RG174 Order separately	100.80 1 0.45	62.26 62.26 62.26

Centurion Mercury



461378

Centurion Mercury tri-band telematic interior mounted antennas enhance cellular/PCS phone performance and provide vehicles with GPS tracking capabilities in a "stealth" installation that is durable and visually appealing. The antenna's small, enclosed housing allows for a longer lifespan and easier transfer between vehicles. The hidden mounting also prevents tampering. Can be mounted below any non-metallic horizontal surface. No mounting devices are included.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Gain (dB) Mount Type	Whip Length (In.), Whip Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 461378 1 EACH	Centurion CAF94209 1 Year	Cell/PCS/GPS 1/1/24 Interior/deck	5.36 x 2.59 x .51 ABS 10' RG174 TNC/SMA	108.25 1.06 0.48	61.17 58.03 57.38
NEW 477327 1 EACH	Centurion CAF94434 1 Year	Cell/PCS/GPS 1/1/24 Interior/deck	5.36 x 2.59 x .51 ABS 15' RG174 TNC/SMA	105.00 1.25 0.57	59.33 56.28 55.65

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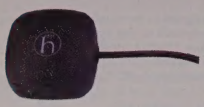
Hirschmann GPS Magnet Mount Antenna



GPS Magnetic mount antenna for car navigation systems, fleet management, traffic guidance and vehicle location systems. Operates on 3-5 VDC.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Gain (dB) Mount Type	Whip Length (In.), Whip Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 472322 1 EACH	Hirschmann GPS5M SMB	1575.42 26 Mag Mount	1.3 x 1.38 x .63 16.4' RG174 SMB Female	46.95 2 0.91	28.17 25.36 25.12
NEW 481314 1 EACH	Hirschmann GPS5M SMA	1575.42 26 Mag Mount	1.3 x 1.38 x .63 16.4' RG174 SMA male	46.95 2 0.91	28.17 25.36 25.12

Hirschmann GPS Adhesive Patch Antenna

GPS adhesive patch antenna suitable to attaching to the interior vehicle window. For car navigation systems, fleet management, traffic guidance and vehicle location systems. Operates on 3-5 VDC.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Gain (dB) Mount Type	Whip Length (In.), Whip Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 486367 1 EACH	Hirschmann GPS5P SMB	1575.42 25 Adhesive	1.3 x 1.38 x .63 4.92' RG174 SMB Female	44.95 2 0.91	26.97 24.28 24.05

Hirschmann GPS Screw Mount Antenna

GPS screw mount antenna. For car navigation systems, fleet management, traffic guidance and vehicle location systems. Operates on 3-5 VDC. Requires 10.5 mm hole.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Gain (dB) Mount Type	Whip Length (In.), Whip Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 456304 1 EACH	Hirschmann GPS5S SMB	1575.42 26 Screw Mount	1.3 x 1.38 x .63 16.4' RG174 SMB Female	44.95 2 0.91	26.97 24.28 24.05
NEW 487319 1 EACH	Hirschmann GPS5S SMB	1575.42 26 Screw Mount	1.3 x 1.38 x .63 .66' RG174 SMB Female	44.95 2 0.91	26.97 24.28 24.05

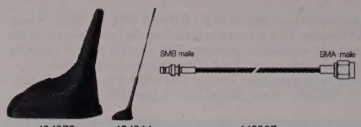
Hirschmann Multiband Patch Antenna

Multiband adhesive patch antenna for mounting to the interior window.

- GPS 1.57543 GHz
- AMPS 824-896 MHz
- GSM 880-960 MHz
- PCN 1710-1880 MHz
- PCS 1850-1990 MHz
- UMTS 1900-2200 MGz
- FME Female connector for Phone
- SMB or SMA connector for GPS

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Gain (dB) Mount Type	Whip Length (In.), Whip Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 458316 1 EACH	Hirschmann GPS1890PA SMB	GPS, 800, 1710, 1850, 1900 MHz 25/ Unity Adhesive Patch	2.55 x .47 9.84' RG174 SMB Female, FME	86.95 2 0.91	52.17 46.96 46.52
NEW 464319 1 EACH	Hirschmann GPS1890PA	GPS, 800, 1710, 1850, 1900 MHz 25/ Unity Adhesive Patch	2.55 x .47 9.84' RG174 SMA Male, FME	86.95 2 0.91	52.17 46.96 46.52

Hirschmann GPS Multiband Antenna



434370 484366 440307

Multiband antenna system

- 27.5 dB gain GPS, Unity gain PCS/Cellular
- GPS 1.57542 GHz
- AMPS 824-896 MHz
- GSM 880-960 MHz
- PCN 1710-1880 MHz
- PCS 1850-1990 MHz
- FME male connector for adapter cable
- SMB Female connector for GPS
- GPS918 5V also includes AM/FM capability
- Operates on 5 VDC
- Requires 15mm hole
- Order extension cables below

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Gain (dB) Mount Type	Whip Length (In.), Whip Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 434370 1 EACH	Hirschmann GPS916 5V FLEX	GPS, 800, 1710, 1850, 1900 MHz Unity, 27.5, Unity Roof Mount	3.19 x 1.77 x 1.65 4.7" RG174 SMB female, FME	82.95 2 0.91	49 44 44
NEW 484366 1 EACH	Hirschmann GPS918 5V FLEX	AM/FM, GPS, 800, 1710, 1850, 1900 MHz Unity, GPS, Unity Roof Mount	3.19 x 1.77 x 1.65 4.7" RG174 SMB female, FME, Threaded AM/FM	99.95 2 0.91	59 53 53
NEW 440307 1 EACH	Hirschmann 823684-003	Use with GPS916/918 5V Flex	GPS Extension cable 9.84 ft RG174 SMB Male to SMA male	16.95 0.3 0.14	10 9. 9.
NEW 421329 1 EACH	Hirschmann 823684-005	Use with GPS916/918 5V Flex	GPS Extension cable 16.4 ft RG174 SMB Male to SMA Male	18.95 0.3 0.14	11 10 10
NEW 433304 1 EACH	Hirschmann 823641-003	Use with GPS916/918 5V Flex	GPS Extension cable 9.84 ft RG174 SMB Male to SMB Female	16.95 0.3 0.14	10 9. 9.
NEW 442322 1 EACH	Hirschmann 823641-005	Use with GPS916/918 5V Flex	GPS Extension cable 16.4 ft RG174 SMB Male to SMB Female	18.95 0.3 0.14	11 10 10
NEW 442392 1 EACH	Hirschmann 823685-003	Use with GPS916/918 5V Flex	GPS Extension cable 9.84 ft RG174 SMB Male to FME Female	11.95 0.3 0.14	7. 6. 6.
NEW 469342 1 EACH	Hirschmann 823915-005	Use with GPS916/918 5V Flex	GPS Extension cable 16.4 ft RG174 SMB Male to MCX male	25.95 0.3 0.14	15 14 13
NEW 470377 1 EACH	Hirschmann 823685-005	Use with GPS916/918 5V Flex	GPS Extension cable 16.4 ft RG174 SMB Male to FME Female	14.95 0.3 0.14	8. 8. 8.
NEW 411363 1 EACH	Hirschmann 823808-005	Use with GPS916/918 5V Flex	GPS Extension cable 16.4 ft RG174 SMB Male to GT5 Female	24.95 0.3 0.14	14 13 13
NEW 487315 1 EACH	Hirschmann 823808-003	Use with GPS916/918 5V Flex	GPS Extension cable 9.84 ft RG174 SMB Male to GT5 Female	21.95 0.3 0.14	13 11 11
NEW 415314 1 EACH	Hirschmann 823122-018	Use with GPS916/918 5V Flex	Cell/PCS Extension cable 16.4 ft RG174 FME Female to FME Female	10.95 0.3 0.14	6. 5. 5.
NEW 415351 1 EACH	Hirschmann 823122-016	Use with GPS916/918 5V Flex	Cell/PCS Extension cable 9.84 ft RG174 FME Female to FME Female	7.95 0.3 0.14	4. 4. 4.
NEW 493301 1 EACH	Hirschmann 824501-005	Use with GPS916/918 5V Flex	GPS Extension cable 16.4' RG174 SMB male to WCLIC male	25.95 0.3 0.14	15 14 13
NEW 492305 1 EACH	Hirschmann 825986-012	Use with GPS916/918 5V Flex	AM/FM Extension cable 150CM AM/FM Ext cable	8.95 0.3 0.14	5. 4. 4.

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Antennas, Mobile Two-way, GPS, XM

diall/Larsen Dual Band Antenna

Dual band GPS/ 806-960 MHz antenna. Incorporates an active GPS module. Special filter allows simultaneous operation of both bands. 1.25" H x 4.5" D x 6.5" L. Ground plane is required. Available in black or white.

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Gain (dB) Mount Type	Whip Length (In.), Whip Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
08 CH	Radiall/Larsen GPSC008 2 Years	806-960/GPS 1/28 Hollow bolt, 3/4" hole req'd	1.25"H Black UV stabilized plastic 19.7' RG174/58 Order separately	231.55 2 0.91	98.00 94.74 92.61
90 CH	Radiall/Larsen GPSC007 2 Years	806-960/GPS 1/28 Hollow bolt, 3/4" hole req'd	1.25"H White UV stabilized plastic 19.7' RG174/58 Order separately	231.55 2 0.91	98.00 94.74 92.61

SNMO

Low profile GPS antenna only. Incorporates an active GPS module. Polycarbonate-polyester plastic housing. Ground plane is required. Choose NMO or bolt mount. Radiall/ Larsen NMO mount purchased separately. Available in black or white.

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Gain (dB) Mount Type	Whip Length (In.), Whip Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
22 H	Radiall/Larsen GPSNMO02 2 Years	1575.42 5dBic/ 28+/-2dB Order mount separately	1.3"H x 2.9" dia. Black polycarbonate-polyester N/A N/A	96.30 0.29 0.13	40.76 39.40 38.52
/ 35 H	Radiall/Larsen GPSNMO01 2 Years	1575.42 5dBic/ 28+/-2dB Order mount separately	1.3"H x 2.9" dia. White polycarbonate-polyester N/A N/A	96.30 0.29 0.13	40.76 39.40 38.52
58 H	Radiall/Larsen GPSDM00 2 Years	1575.42 5dBic/ 28+/-2dB Bolt mount requires 3/4" hole	.7"H x 2.5" dia. Black polycarbonate-polyester 17' RG-174 Order separately	66.20 1 0.45	28.02 27.09 26.48
/ 28 H	Radiall/Larsen GPSDM11 2 Years	1575.42 5dBic/ 28+/-2dB Bolt mount requires 3/4" hole	.7"H x 2.5" dia. White polycarbonate-polyester 17' RG-174 Order separately	66.20 1 0.45	28.02 27.09 26.48

CPC

436379

Tri band Cellular/ PCS/ GPS 3-5 volt interior mount printed circuit board antenna. No ground plane is required. Attaches with adhesive tape (included).

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Gain (dB) Mount Type	Whip Length (In.), Whip Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
9 1	Radiall/Larsen GPSCPC00 2 Years	Cell/PCS/GPS 0dBi/ 26 dB Interior/ Adhesive	.75H x 3.46W x 6.11L Black Macroblend 14' RG58/ RG174 Order separately	141.75 0.86 0.39	60.00 58.00 56.70

Radiall/Larsen Dual Band GPS Antennas

450355 423300

GPS VHF dual band mobile antenna with active GPS module. Black. Bolt mount for 3/4" hole.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Gain (dB) Mount Type	Whip Length (In.), Whip Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 450355 1 EACH	Radiall/Larsen GPSCW1502 1 Year	1575.42/ 136-174 5 dBic/ 2.14 dBi Bolt mount requiring 3/4" hole	22-11/16" max/ 12-13/16" min 16.4' RG-174/ 16.4' RG-174 SMA/ SMB	97.50 1 0.45	57.53 55.58 53.63
NEW 492366 1 EACH	Radiall/Larsen GPSCW1501 1 Year	1575.42/ 136-174 5 dBic/ 2.14 dBi Bolt mount requiring 3/4" hole	22-11/16" max/ 12-13/16" min 16.4' RG-174/ 16.4' RG-174 SMA/ SMA	94.95 1 0.45	56.01 54.11 52.21
NEW 414300 1 EACH	Radiall/Larsen GPSCW2201 1 Year	1575.42/ 218-225 5 dBic/ 2.14 dBi Bolt mount requiring 3/4" hole	22-11/16" max/ 12-13/16" min 16.4' RG-174/ 16.4' RG-174 SMA/ SMA	94.95 1 0.45	56.01 54.11 52.21
NEW 477310 1 EACH	Radiall/Larsen GPSCW2202 1 Year	1575.42/ 218-225 5 dBic/ 2.14 dBi Bolt mount requiring 3/4" hole	22-11/16" max/ 12-13/16" min 16.4' RG-174/ 16.4' RG-174 SMA/ SMB	97.50 1 0.45	57.53 55.58 53.63
NEW 423300 1 EACH	Radiall/Larsen GPSCW4502 1 Year	1575.42/ 406-512 5 dBic/ 2.14 dBi Bolt mount requiring 3/4" hole	6-1/4" 16.4' RG-174/ 16.4' RG-174 SMA/ SMB	97.50 1 0.45	57.53 55.58 53.63
NEW 465326 1 EACH	Radiall/Larsen GPSCW4501 1 Year	1575.42/ 406-512 5 dBic/ 2.14 dBi Bolt mount requiring 3/4" hole	6-1/4" 16.4' RG-174/ 16.4' RG-174 SMA/ SMA	94.95 1 0.45	56.01 54.11 52.21

GPSCW8000 Series

GPS 800MHz dual band mobile antenna with active GPS module. Black. Bolt mount for 3/4" hole.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Gain (dB) Mount Type	Whip Length (In.), Whip Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 477305 1 EACH	Radiall/Larsen GPSCW8001 1 Year	1575.42/ 806-896 5 dBic/ 2.14 dBi Bolt mount requiring 3/4" hole	3-7/16" max/ 3-1/16" min 16.4' RG-174/ 16.4' RG-174 SMA/ SMA	89.35 1 0.45	52.71 50.92 49.14
NEW 434343 1 EACH	Radiall/Larsen GPSCW8002 1 Year	1575.42/ 806-896 5 dBic/ 2.14 dBi Bolt mount requiring 3/4" hole	3-7/16" max/ 3-1/16" min 16.4' RG-174/ 16.4' RG-174 SMA/ SMB	91.85 1 0.45	54.18 52.35 50.51

GPSCW9000 Series

GPS 900 MHz dual band mobile antenna with active GPS module. Black. Bolt mount for 3/4" hole.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Gain (dB) Mount Type	Whip Length (In.), Whip Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 426315 1 EACH	Radiall/Larsen GPSCW9001 1 Year	1575.42/ 890-960 5 dBic/ 2.14 dBi Bolt mount requiring 3/4" hole	3-7/16" max/ 3-1/16" min 16.4' RG-174/ 16.4' RG-174 SMA/ SMA	89.35 1 0.45	52.71 50.92 49.14
NEW 415332 1 EACH	Radiall/Larsen GPSCW9002 1 Year	1575.42/ 890-960 5 dBic/ 2.14 dBi Bolt mount requiring 3/4" hole	3-7/16" max/ 3-1/16" min 16.4' RG-174/ 16.4' RG-174 SMA/ SMB	91.85 1 0.45	54.18 52.35 50.51

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GPSCW3E8000 Series

GPS 800 MHz and 900 MHz dual band 5 dBi mobile antenna with active GPS module. Black. Bolt mount for 3/4" hole.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Gain (dB) Mount Type	Whip Length (In.), Whip Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 445303 1 EACH	Radiall/Larsen GPSCW3E8001 1 Year	1575.42/ 806-896 5 dBic/ 5 dBi Bolt mount requiring 3/4" hole	11-9/16" max/ 10-1/4" min 16.4' RG-174/ 16.4' RG-174 SMA/ SMA	100.85 1 0.45	59.49 57.48 55.46
NEW 476359 1 EACH	Radiall/Larsen GPSCW3E8002 1 Year	1575.42/ 806-896 5 dBic/ 5 dBi Bolt mount requiring 3/4" hole	11-9/16" max/ 10-1/4" min 16.4' RG-174/ 16.4' RG-174 SMA/ SMB	103.60 1 0.45	61.12 59.05 56.97
NEW 481309 1 EACH	Radiall/Larsen GPSCW3E9001 1 Year	1575.42/ 890-960 5 dBic/ 5 dBi Bolt mount requiring 3/4" hole	11-9/16" max/ 10-1/4" min 16.4' RG-174/ 16.4' RG-174 SMA/ SMA	100.85 1 0.45	59.49 57.48 55.46
NEW 422390 1 EACH	Radiall/Larsen GPSCW3E9002 1 Year	1575.42/ 890-960 5 dBic/ 5 dBi Bolt mount requiring 3/4" hole	11-9/16" max/ 10-1/4" min 16.4' RG-174/ 16.4' RG-174 SMA/ SMB	103.60 1 0.45	61.12 59.05 56.97

AGPS26

Active GPS antenna. Made from impact resistant molded black polymer shell. Built-in amplifier which boosts receive signal and improves acquisition time. Choose 26 or 31 dB of gain. No ground plane required. Available mounts include magnetic, screw, and tape mounts.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Gain (dB) Mount Type	Whip Length (In.), Whip Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 458399 1 EACH	Maxrad, Inc AGPS26MMMC 2 Years	1575.42 26 Magnetic Mount	2"Lx1.75"Wx0.58"H Black Polymer Shell 15' RG174/U TNC	105.75 0.22 0.1	54.98 51.28 49.49
86368 1 EACH	Maxrad, Inc AGPS26MMBN 2 Years	1575.42 26 Magnetic Mount	2"Lx1.75"Wx.58"H Black Polymer Shell 15' RG174/U BNC/M	105.75 0.22 0.1	54.98 51.28 49.49
86376 1 EACH	Maxrad, Inc AGPS31MMBN 2 Years	1575.42 31 Magnetic Mount	2"Lx1.75"Wx.58"H Black Polymer Shell 15' RG174/U BNC/M	110.75 0.22 0.1	57.58 53.71 51.83

SM900/1575

Surface mount cellular/ 5 Volt GPS antenna mounts to surface up to 1/2" thick. Access to the underside of the body surface is required to complete the installation. Available in black or white.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Gain (dB) Mount Type	Whip Length (In.), Whip Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
10629 1 EACH	Mobile Mark, Inc. SM90015755VTSMB 1 Year	Cell/GPS 0/27 Surface Mount	4.5" diameter, 3/4" high White Polycarbonate 15'RG58/ 15' RG174 TNC/SMB	165.15 1.06 0.48	69.02 67.24 66.05
433002 1 EACH	Mobile Mark, Inc. SM90015755VTSMA WH 1 Year	Cell/GPS 0/27 Surface Mount	4.5" diameter, 3/4" high White Polycarbonate 15'RG58/ 15' RG174 SMA/TNC	165.15 1.06 0.48	69.02 67.24 66.05
433134 1 EACH	Mobile Mark, Inc. SM90015755VTSMA BL 1 Year	Cell/GPS 0/27 Surface Mount	4.5" diameter, 3/4" high Black Polycarbonate 15'RG58/ 15' RG174 SMA/TNC	165.15 1.06 0.48	69.02 67.24 66.05

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Gain (dB) Mount Type	Whip Length (In.), Whip Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 445097 1 EACH	Mobile Mark, Inc. SM90015755VTSMB BL 1 Year	Cell/GPS 0/27 Surface Mount	4.5" diameter, 3/4" high Black Polycarbonate 15'RG58/ 15' RG174 TNC/SMB	165.15 1.06 0.48	69 67 66

SM3-900/1575

Surface mount cellular/ 5 Volt GPS antenna mounts surface up to 1/2" thick. Access to the underside o body surface is required to complete the installatio Ground plane independent, perform equally well o fiberglass or metal.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Gain (dB) Mount Type	Whip Length (In.), Whip Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 451048 1 EACH	Mobile Mark, Inc. SM390015755VTSMB 1 Year	Cell/GPS 3/27 Surface Mount	14.5" 304 Stainless steel 15'RG58/ 15' RG174 TNC/SMB	158.20 1.06 0.48	66 64 63
NEW 467006 1 EACH	Mobile Mark, Inc. SM390015755VTSMA 1 Year	Cell/GPS 3/27 Surface Mount	14.5" 304 Stainless steel 15'RG58/ 15' RG174 TNC/SMA	158.20 1.06 0.48	66 64 63

IA900/1575

23843

This 5-volt antenna operates in GPS and cellular. It can be mounted easily to front dashboard or rear deck of any vehicle with the supplied double sided t or Velcro.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Gain (dB) Mount Type	Whip Length (In.), Whip Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
23843 1 EACH	Mobile Mark, Inc. IA90015755VTSMB 1 Year	Cell/GPS 0/27 Deck Mount	3.5" Black rubber 15' RG174/ 15' RG174 SMB	108.25 0.5 0.23	45 44 43
415186 1 EACH	Mobile Mark, Inc. IA90015755VTSMA 1 Year	Cell/GPS 0/27 Deck Mount	3.5" Black rubber 15' RG174/ 15' RG174 SMA	108.25 0.5 0.23	45 44 43

MM3900/1575

38306

Cellular/GPS 5-volt antenna. GPS antenna is mounted within the coupli box. This places the GPS element on the glass. Cellular whip is on the o side glass and has a locking ball swivel.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Gain (dB) Mount Type	Whip Length (In.), Whip Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
38306 1 EACH	Mobile Mark, Inc. MM390015755VTSMB 1 Year	Cell/GPS 3/27 Glass Mount	3.5" Black rubber 15'RG58 / 15' RG174 TNC	120.75 1.06 0.48	50 49 48

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Covert Dual Band

The CVX series 5-volt cellular/GPS antennas uses double-sided mounting tape for securing to a surface. Typical installations include inside a taillight, hidden in the back deck of a car, or simply on a dash. For optimum performance they should be mounted away from metal objects which might interfere.

o. m	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Gain (dB) Mount Type	Whip Length (In.), Whip Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
5 H	Mobile Mark, Inc. CVX90015755VTS MB 1 Year	Cell/GPS 0/27 Adhesive Tape	4.5" Center-fed flexible 15' RG-174U TNC/SMB	119.35 1.06 0.48	49.88 48.59 47.73
3 H	Mobile Mark, Inc. CVX900/ 15755VTSMA 1 Year	Cell/GPS 0/27 Adhesive Tape	4.5" Center-fed flexible 15' RG-174U SMA/TNC	119.35 1.06 0.48	49.88 48.59 47.73

925/1575

Surface mount GSM/ 5 Volt GPS antenna mounts to surface up to 1/2" thick. Access to the underside of the body surface is required to complete the installation. Available in black or white.

n	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Gain (dB) Mount Type	Whip Length (In.), Whip Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1 1	Mobile Mark, Inc. SM92515755VMUS MA 1 Year	GSM/GPS 0/27 Surface Mount	4.5" dia., 3/4" H White polycarbonate 15'RG58/ 15' RG174 M/U-SMA	165.15 1.06 0.48	69.02 67.24 66.05
3 1	Mobile Mark, Inc. SM92515755VTNS MA 1 Year	GSM/GPS 0/27 Surface Mount	4.5" dia. 3/4"H White Polycarbonate 15'RG58/ 15' RG174 TNC/SMA	165.15 1.06 0.48	69.02 67.24 66.05

575

Surface mount 5-volt GPS antenna can mount to surfaces up to 1/2" thick. Access to the underside of the body surface is required to complete the installation. Available in black or white.

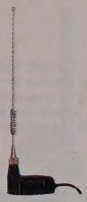
Manufacturer Mfg. P/N Warranty	Frequency (MHz) Gain (dB) Mount Type	Whip Length (In.), Whip Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Mobile Mark, Inc. SM1575 SMA 1 Year	GPS 27db Surface Mount	2.5" dia. 3/4" H White Polycarbonate 15' RG174 SMA	88.80 1 0.45	37.12 36.16 35.52
Mobile Mark, Inc. SM1575/5V 1 Year	GPS 27db Surface Mount	2.5"dia. 3/4" H White Polycarbonate 15' RG174 SMB	88.80 1 0.45	37.12 36.16 35.52
Mobile Mark, Inc. SM1575/5V-BLK 1 Year	GPS 27db Surface Mount	2.5"dia. 3/4" H Black Polycarbonate 15' RG174 SMB	88.80 1 0.45	37.12 36.16 35.52

75

This 5-volt GPS only model is enclosed in a protective radome that easily mounts to the inside of the vehicle window. The antenna element points outside of the window

Manufacturer Mfg. P/N Warranty	Frequency (MHz) Gain (dB) Mount Type	Whip Length (In.), Whip Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Mobile Mark, Inc. IW-1575/5V 1 Year	GPS 27dB Glass Mount	2"x3" Enclosed Plastic Radome 15' RG174 SMB	88.80 0.5 0.23	37.12 36.16 35.52

MAG3 Dual Band



Magnet mount 3 dB cellular/ 27 dB active 5 volt GPS antenna offers dual band operation. GPS circuitry has low noise (2 dB max) with excellent filtering. A small profile base with ultra-strong magnet provides secure mobile or fixed use.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Gain (dB) Mount Type	Whip Length (In.), Whip Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
422042 1 EACH	Mobile Mark, Inc. MAG390015755VTS MA 1 Year	Cell/GPS 3/27 Magnet Mount	14" Stainless steel Dual 10' RG-174 cables TNC/SMA	149.85 1.06 0.48	62.64 61.02 59.94
NEW 470195 1 EACH	Mobile Mark, Inc. MAG390015755VTS MB 1 Year	Cell/GPS 3/27 Magnet Mount	14" Stainless steel Dual 10' RG-174 cables TNC/SMB	149.85 1.06 0.48	62.64 61.02 59.94

MG0 Tri Band

458167

Tri band magnet mount antenna offers unity gain cellular/pcs and 27 dB active 5 volt GPS operation. GPS circuitry has low noise (2 dB max) with excellent filtering. A small profile base with ultra-strong magnet provides secure mobile or fixed use.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Gain (dB) Mount Type	Whip Length (In.), Whip Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 421354 1 EACH	Mobile Mark, Inc. MG0-U15-2A2C 1 Year	Cell/PCS/GPS 0/27 Magnet Mount	3.5" Stainless steel Dual 10' RG-174 cables TNC/SMA	149.85 0.55 0.25	62.64 61.02 59.94
NEW 458167 1 EACH	Mobile Mark, Inc. MG0-U15-2C2D 1 Year	Cell/PCS/GPS 0/27 Magnet Mount	3.5" Stainless steel Dual 10' RG-174 cables SMA/SMB	149.85 0.55 0.25	62.64 61.02 59.94
NEW 413141 1 EACH	Mobile Mark, Inc. MG0-U15-2A2C 1 Year	Cell/PCS/GPS 0/27 Magnet Mount	3.5" Stainless steel Dual 10' RG-174 cables TNC/SMA	149.85 0.55 0.25	62.64 61.02 59.94

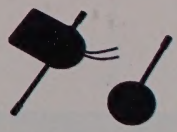
SM Tri Band

475188

Tri band surface mount antenna offers unity gain cellular/pcs and 27 dB active 5 volt GPS operation. GPS circuitry has low noise (2 dB max) with excellent filtering. Antennas are enclosed in a weatherproof polycarbonate radome. All mounting hardware and sealing gasket are supplied. Available in black or white.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Gain (dB) Mount Type	Whip Length (In.), Whip Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 447331 1 EACH	Mobile Mark, Inc. SM-U15-1A2CBL 1 Year	Cell/PCS/GPS 0/27 Surface Mount	3.5" Black Polycarbonate 15' RG-58/ 15' RG-174 TNC/SMA	194.25 1.06 0.48	81.20 79.10 77.70
NEW 475188 1 EACH	Mobile Mark, Inc. SM-U15-1A2CWH 1 Year	Cell/PCS/GPS 0/27 Surface Mount	3.5" White Polycarbonate 15' RG-58/ 15' RG-174 TNC/SMA	194.25 1.06 0.48	81.20 79.10 77.70

MM3 Tri Band



Tri band glass mount antenna offers 3dB gain cellular/pcs and 27 dB active 5 volt GPS operation. GPS circuitry has low noise (2 dB max) with excellent filtering. No interaction occurs between the bands.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Gain (dB) Mount Type	Whip Length (In.), Whip Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 479138 1 EACH	Mobile Mark, Inc. MM3-U15-2A2C 1 Year	Cell/PCS/GPS 3/27 2.0" diameter	3.5" Stainless steel Dual 15' RG-174 cables TNC/SMA	136.35 1.06 0.48	56.99 55.52 54.53

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2.4 GHz Rooftop, Mag, Trunk Lip [360-61]

SB2400 Series

The flexible blade antennas for 2.4 -2.5 GHz feature a unique conformal design making it an ideal solution for applications where a traditional whip antenna is not practical. The SB utilizes printed circuit technology to provide gain and superior impedance bandwidth. Includes RG-174 cable and adhesive tape to mount the antenna.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector Cable	Gain (dB), Frequency (MHz) Whip Length (In.), Whip Material Maximum Power (Watts)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 15763 1 EACH	Radiall/Larsen SB24006 1 Year	Adhesive tape (included) Order separately 6' RG174	0 dB 2400-2500 3" Black/Polyolefin 3	47.05 0.03 0.01	19.91 19.24 18.81

MCA-240

The MCA-240 series magnet mounts extends the office Wireless LAN to the mobile environment. Provide connectivity for fork lifts, yard tractors and other vehicles.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector Cable	Gain (dB), Frequency (MHz) Whip Length (In.), Whip Material Maximum Power (Watts)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
70331 1 EACH	Maxrad, Inc BMMG-24000-C 2 Years	Magnet mount TNC 6' LMR-100A	0 dB 2400-2484 1-3/4" Black Stainless steel 16	61.00 0.15 0.07	30.49 29.27 28.66

MAXC-24503

Rugged ISM band antenna with a molded polymer base, plated spring-loaded contact pin and a .100 stainless steel whip.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector Cable	Gain (dB), Frequency (MHz) Whip Length (In.), Whip Material Maximum Power (Watts)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
77619 1 EACH	Maxrad, Inc BMAXC-24503 2 Years	Order separately from 2.4GHz Motorola style mounts	1 dB 2400-2483.5 5.25" Black Stainless Steel 100	35.75 0.12 0.05	18.57 17.32 16.72
15176 1 EACH	Maxrad, Inc MAXC-24503 2 Years	Order separately from 2.4GHz Motorola style mounts	1 dB 2400-2483.5 5.25" Chrome Stainless Steel 100	27.50 0.12 0.05	14.29 13.33 12.86

MAXC-24505

Rugged ISM band antenna with a molded polyme plated spring-loaded contact pin and a .100 stain steel whip.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector Cable	Gain (dB), Frequency (MHz) Whip Length (In.), Whip Material Maximum Power (Watts)	List ($) Wt. (lbs) Wgt. (kg.)
24132 1 EACH	Maxrad, Inc BMAXC-24505 2 Years	Order separately from 2.4GHz Motorola style mounts	2 dB 2400-2483.5 7.5" Black Stainless Steel 100	37.45 0.16 0.07
53569 1 EACH	Maxrad, Inc MAXC-24505 2 Years	Order separately from 2.4GHz Motorola style mounts	2 dB 2400-2483.5 7.5" Chrome Stainless Steel 100	32.90 0.16 0.07

BMMG24005

2.4 Ghz ISM mini-mag mount antenna. 5 dBi gain watts power. Includes 6 ft. of cable.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector Cable	Gain (dB), Frequency (MHz) Whip Length (In.), Whip Material Maximum Power (Watts)	List ($) Wt. (lbs) Wgt. (kg.)
28191 1 EACH	Maxrad, Inc BMMG-24005-PL 2 Years	Magnet mount Mini UHF 6' LMR-100A	2 dB 2400-2484 9" Black Stainless steel 16	88.50 0.3 0.14
79798 1 EACH	Maxrad, Inc BMMG-24005-C 2 Years	Magnet mount TNC 6' LMR-100A	2 dB 2400-2484 9" Black Stainless steel 16	88.50 0.3 0.14

MUF24005

ISM band antenna with chrome nut and open-co less steel radiator.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector Cable	Gain (dB), Frequency (MHz) Whip Length (In.), Whip Material Maximum Power (Watts)	List ($) Wt. (lbs) Wgt. (kg.)
36495 1 EACH	Maxrad, Inc MUF24005 2 Years	Order separately from Motorola style mounts	2 dB 2400-2483.5 9" Stainless Steel 100	22.50 0.16 0.07

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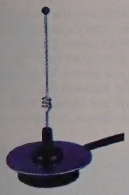
MAG5-2400



Magnet mount that has a ground plane imposed at the feedpoint. It is not neccessry that it be mounted on a metal surface. Powerful mini magnet holds the antenna securely.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector Cable	Gain (dB), Frequency (MHz) Whip Length (In.), Whip Material Maximum Power (Watts)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 6029 EACH	Mobile Mark, Inc. IMAG5-2400 NM 1 Year	Magnet Mount N male 10' LMR-240	3 dB 2400-2500 7" 17-7 Stainless Steel 10	94.35 1 0.45	39.44 38.42 37.74
NEW 9305 EACH	Mobile Mark, Inc. IMAG5-2400 NF 1 Year	Magnet Mount N female 10' LMR-240	3 dB 2400-2500 7" 17-7 Stainless Steel 10	94.35 1 0.45	39.44 38.42 37.74
0052 EACH	Mobile Mark, Inc. IMAG5-2400 TNC 1 Year	Magnet Mount TNC 10' LMR-240	3 dB 2400-2500 7" 17-7 Stainless Steel 10	94.35 1 0.45	39.44 38.42 37.74

M5-2400

Rugged WLAN, ISM, and Video 5 dBi NMO style 3/4" hole mount antenna. Base assembly includes a ABS collar and a chrome plated brass base.

No. Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector Cable	Gain (dB), Frequency (MHz) Whip Length (In.), Whip Material Maximum Power (Watts)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 383 CH	Mobile Mark, Inc. RM52400N 1 Year	3/4" Hole Mount N 15' RF-195	3 dB 2400-2485 6" 304 Stainless Steel 10	101.80 1 0.45	42.55 41.45 40.71
EW 302 CH	Mobile Mark, Inc. RM52400T 1 Year	3/4" Hole Mount TNC 15' RF-195	3 dB 2400-2485 6" 304 Stainless Steel 10	95.40 1 0.45	39.88 38.85 38.16

XM Radio Antennas [360-63]

M8000F/CP

XM Satellite radio On-Glass antenna. 12" long for SUV's, vans and pick-up trucks. Simple peel-and-stick mounting requires no drilling. Flexible coupler easily attaches to curved glass surfaces. Hand adjustable mast folds down for car washes and ratchets for optimum whip alignment to satellite field-of-view. Patent pending low loss RF coupling does not interfere with AM/FM broadcast reception. Engineered to meet XM Radio specifications.

No. Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Amplifier Gain (dB) Mount Type	Antenna Length (in.), Mast Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 359 CH	Antenna Specialists XM8000F/CP 1 Year	2332.5-2345 30 dB On-Glass	12" Adjustable/Foldable 17' RG174/U FAKRA/SMB	85.00 1.1 0.5	76.50 74.80 73.52

XM8100F/CP

XM Satellite radio On-Glass antenna. 8.5" long for automobiles. Simple peel-and-stick mounting requires no drilling. Flexible coupler easily attaches to curved glass surfaces. Hand adjustable mast folds down for car washes and ratchets for optimum whip alignment to satellite field-of-view. Patent pending low loss RF coupling does not interfere with AM/FM broadcast reception. Engineered to meet XM Radio specifications.

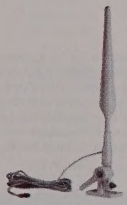
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Amplifier Gain (dB) Mount Type	Antenna Length (in.), Mast Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 451379 1 EACH	Antenna Specialists XM8100F/CP 1 Year	2332.5-2345 30 dB On-Glass	8.5" Adjustable/Foldable 17' RG174/U FAKRA/SMB	80.00 1.1 0.5	72.00 70.40 69.20

XM20/CP

XM Satellite radio rooftop antenna for SUV's, vans, pick-up's and hatchbacks where cable routing channels exist. Simple peel and stick mounting. Sleek ultra-low profile is aesthetically pleasing. For best performance a 6" ground plane is required. removal should be done by a XM radio professional. Engineered to meet XM Radio specifications.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Amplifier Gain (dB) Mount Type	Antenna Length (in.), Mast Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 413335 1 EACH	Antenna Specialists XM20/CP 1 Year	2332.5-2345 30 dB Roof Top- Adhesive	4" dia. Lexan 123 14' RG174U FAKRA/SMB	50.00 1.5 0.68	45.00 44.00 43.25

XM2071F



XM Satellite radio 19" marine antenna. Ground plane independent design optimizes installation choices. Durable O-ring seals provide waterproofing. Rugged high impact glass reinforced mast minimizes vibration. Polycarbonate radome protects electronics. Engineered to meet XM Radio specifications. Glass filled nylon ratchet mount is included.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Amplifier Gain (dB) Mount Type	Antenna Length (in.), Mast Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 484397 1 EACH	Antenna Specialists XM2071F 1 Year	2332.5-2345 30 dB Ratchet mount (incl.)	19" Glass filled ABS-White 18' RG174/U FAKRA/SMB	135.00 2.3 1.05	121.50 118.80 116.77

XM2961F

XM Satellite radio 35.75" marine antenna. Ground plane independent design optimizes installation choices. Durable O-ring seals provide waterproofing. Rugged high impact glass reinforced mast minimizes vibration. Polycarbonate radome protects electronics. Engineered to meet XM Radio specifications. Glass filled nylon ratchet mount is included.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Amplifier Gain (dB) Mount Type	Antenna Length (in.), Mast Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 499365 1 EACH	Antenna Specialists XM2961F 1 Year	2332.5-2345 30 dB Ratchet mount (incl.)	35.75" Glass filled ABS-White 17' RG174/U FAKRA/SMB	140.00 4.5 2.05	126.00 123.20 121.10

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XM5013F

XM Satellite radio mirror mount long haul truck antenna. Rugged high impact mast minimizes wavering in high vibrations. Ground plane independent design allows installation on mirror supports on the side of the cab. Durable O-ring seals provide waterproofing. Polycarbonate radome protects electronics. Aluminum bracket accepts .5" to 1.88" dia. mirror supports. Tested to MIL STD810E and SAE J1455. Engineered to meet XM Radio specifications.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Amplifier Gain (dB) Mount Type	Antenna Length (in.), Mast Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 413326 1 EACH	Antenna Specialists XM5013F 1 Year	2332.5-2345 30 dB Mirror Mount	48" Glass filled ABS-Black 17' RG174/U FAKRA/SMB	150.00 4.5 2.05	135.00 132.00 129.75

XM9150PNP

XM Satellite Radio in-home amplified antenna kit redirects signal from outdoors into home or small office. No additional power source, precise alignment, or specific mounting elevation required. Included antenna bracket may be externally wall-mounted, affixed to a southern exposure window pane, or set with the antenna on a desk and pointed toward a southern exposed window. Ultrasonic seal provides for inclement weather protection of external antenna.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Amplifier Gain (dB) Mount Type	Antenna Length (in.), Mast Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 432397 1 EACH	Antenna Specialists XM9150PNP 1 Year	2332.5-2345 30-32 dB Surface mounting bracket	N/A Polycarbonate blend w/ UV 35' RG174/U SMA male attached	125.00 4.5 2.05	112.50 110.00 108.12

XM911

XM Satellite Radio amplified antenna kit for commercial indoor coverage contains external amplified antenna with mounting bracket, feed cable assemblies, and distribution amplifier. The external antenna's ultrasonic seal allows for inclement weather protection. Easily installed the kit provides retailers, auto dealers, and car stereo installers with in-building XM Satellite Radio coverage for listening stations, service demos, or vehicle installation testing.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Amplifier Gain (dB) Mount Type	Antenna Length (in.), Mast Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 453344 1 EACH	Antenna Specialists XM911 1 Year	2332.5-2345 30-32 dB Surface mounting bracket	36" Xenoy radome 100' RF58U low loss SMA male attached	300.00 19 8.64	270.00 264.00 259.50

XM913

XM Satellite Radio amplified antenna kit for commercial indoor coverage contains external amplified antenna with mounting bracket, feed cable assemblies, in-line amplifier, and distribution amplifier. The external antenna's ultrasonic seal allows for inclement weather protection. Easily installed the kit provides retailers, auto dealers, and car stereo installers with in-building XM Satellite Radio coverage for listening stations, service demos, or vehicle installation testing.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Amplifier Gain (dB) Mount Type	Antenna Length (in.), Mast Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 475362 1 EACH	Antenna Specialists XM913 1 Year	2332.5-2345 30-32 dB Surface mounting bracket	36" Xenoy radome 300' RF58LL, in-line amp SMA male attached	550.00 23 10.45	495.00 484.00 475.75

XM921

XM Satellite Radio amplified antenna kit for comm indoor coverage contains external amplified ante with mounting bracket, feed cable assemblies, and tribution amplifier with 2-receiver hook up. The nal antenna's ultrasonic seal allows for inclement weather protection. Easily installed the kit provid retailers, auto dealers, and car stereo installers w building XM Satellite Radio coverage for listening stations, service demos, or vehicle insta testing.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Amplifier Gain (dB) Mount Type	Antenna Length (in.), Mast Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	
NEW 495337 1 EACH	Antenna Specialists XM921 1 Year	2332.5-2345 30-32 dB Surface mounting bracket	36" Xenoy radome 100' RF58/U low loss SMA male attached	350.00 19 8.64	3 3 3

XM923

XM Satellite Radio amplified antenna kit for comm indoor coverage contains external amplified ante with mounting bracket, feed cable assemblies, in- amplifier, and distribution amplifier with 2-receiv hook-up. The external antenna's ultrasonic seal a for inclement weather protection. Easily installed provides retailers, auto dealers, and car stereo ins with in-building XM Satellite Radio coverage for listening stations, service demos, or vehi installation testing.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency (MHz) Amplifier Gain (dB) Mount Type	Antenna Length (in.), Mast Material Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	
NEW 464385 1 EACH	Antenna Specialists XM923 1 Year	2332.5-2345 30-32 dB Surface mounting bracket	36" Xenoy radome 300' RF58LL, in-line amp SMA male attached	600.00 23 10.45	5 5 5

Mobile Mounting Adapters [360-66]

A.S. Mobile Mounting Adapters.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
94361 1 EACH	Antenna Specialists K27 2 Years	Converts A.S. standard rooftop coils (ASP268/ ASPS177) to fit Motorola style mounts.	14.00 0.15 0.07
78649 1 EACH	Antenna Specialists K45 2 Years	Replacement 3/8" diameter hole snap in mount adapter only for the rooftop mounts.	7.75 0.07 0.03
11330 1 EACH	Antenna Specialists K62 2 Years	Converts A.S. ASP452, 268, 177 and many others, for use with ASP201 type snap-in mount.	14.40 0.18 0.08
28848 1 EACH	Antenna Specialists K768 2 Years	Converts 3/8" snap-in hole or cowl mount to accept low profile and MOSAIC series antennas.	5.50 0.06 0.03
48474 1 EACH	Antenna Specialists K69 2 Years	Converts A.S. 3/4" hole or cowl mount to accept low profile mount antenna.	11.50 0.06 0.03
97583 1 EACH	Antenna Specialists K145 2 Years	3/4" diameter hole replacement mount kit. Replacement for K45 where mounting hole has been damaged.	15.00 0.11 0.05

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arsen Mobile Mounting Adapters.

93832

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
832 ACH	Radiall/Larsen A-4 3 years	Includes adapters to convert any SO239 type connector or PO mount and BSA-K for use with NMO series antennas.	8.25 0.02 0.01	4.87 4.71 4.54

axrad Mobile Mounting Adapters.

83332 33698 38893

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
132 CH	Maxrad, Inc MLM 2 Years	Converts Larsen LM mount to Maxrad antennas (Motorola style).	7.35 0.07 0.03	3.82 3.56 3.43
98 CH	Maxrad, Inc MSNP 2 Years	Adapts Larsen snap in, Antenna Specialist, and DB Classic mounts to Motorola style antennas.	9.95 0.06 0.03	5.18 4.83 4.66
93 CH	Maxrad, Inc XNGP 2 Years	Flange mount for fiberglass body vehicles. Includes 17' RG58A/U cable and a UHF male connector.	29.40 0.84 0.38	15.29 14.26 13.76
W 125 CH	Maxrad, Inc XNGPCP 2 Years	Flange mount for fiberglass body vehicles. Includes 17' RG58A/U cable and a UHF male crimp connector.	29.40 0.84 0.38	15.29 14.26 13.76

Coils, Bases [360-70]

w Band Coils/Bases

68660 13828 79767 26530

Replacement coils and bases for low band two-way mobile antennas.

ing product table (1 of 2)

o. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
4 H	Antenna Specialists KC46 2 years	25-28 Mhz replacement coil for ASP series 268/447/ 448/452/544/ 552/741 antennas. Black.	27.25 0.32 0.15	14.12 13.63 13.49
0 H	Antenna Specialists K46 2 Years	30-36 Mhz replacement coil for ASP series 268/447/ 448/452/544/ 552/741 antennas. Black.	27.25 0.04 0.02	14.12 13.63 13.49
8 H	Antenna Specialists KA46 2 years	36-42 Mhz replacement coil for ASP series 268/447/ 448/452/544/ 552/741 antennas. Black.	27.25 0.31 0.14	14.12 13.63 13.49
1 H	Antenna Specialists KB46 2 years	42-50 Mhz replacement coil for ASP series 268/447/ 448/452/544/ 552/741 antennas. Black.	27.25 0.03 0.01	14.12 13.63 13.49
9 H	Radiall/Larsen NMO-27-BCO 3 years	27-31 Mhz NMO loading coil only. Requires W490B (19616) whip and NMO mount. Black.	24.00 0.24 0.11	14.16 13.68 13.20
1 H	Radiall/Larsen NMO-30-BCO 3 years	30-34 Mhz NMO loading coil only. Requires W490B (19616) whip and NMO mount. Black.	24.00 0.3 0.14	14.16 13.68 13.20
3 H	Radiall/Larsen NMO-34-BCO 3 years	34-40 Mhz loading coil only. Requires W490B (19616) whip and NMO mount. Black.	24.00 0.3 0.14	14.16 13.68 13.20
5 H	Radiall/Larsen NMO-40-BCO 3 years	40-50 Mhz NMO loading coil only. Requires W490B (19616) whip andNMO mount. Black.	24.00 0.3 0.14	14.16 13.68 13.20
7 H	Radiall/Larsen NMO-50-BCO 3 years	47-54 Mhz NMO loading coil only. Requires W490 (19616) whip and NMO mount. Black.	24.00 0.3 0.14	14.16 13.68 13.20

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
26530 1 EACH	Maxrad, Inc MAT27 2 years	27-31 Mhz loading coil. For MLB2700 series antenna.	26.60 0.45 0.2	13.84 12.91 12.45
64923 1 EACH	Maxrad, Inc MAT30 2 years	30-35 Mhz loading coil. For the MLB3000 series antenna.	26.60 0.51 0.23	13.84 12.91 12.45
13316 1 EACH	Maxrad, Inc MAT34 2 years	34-40 Mhz loading coil. For the MLB3400 series antenna.	26.60 0.35 0.16	13.84 12.91 12.45
51709 1 EACH	Maxrad, Inc MAT40 2 years	40-50 Mhz loading coil. For the MLB4000 series antenna.	26.60 0.3 0.14	13.84 12.91 12.45
25281 1 EACH	Maxrad, Inc MAT47 2 years	47-54 Mhz loading coil. For the MLB4700 series antenna.	26.60 0.36 0.16	13.84 12.91 12.45

VHF Coils/Bases

41707 44560 73323 50460

Replacement coils and bases for VHF two-way mobile antennas.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
41707 1 EACH	Antenna Specialists K48 90 days	130-174 Mhz replacement coil for ASP655/743/177. Black.	32.25 0.28 0.13	16.71 16.13 15.97
44560 1 EACH	Antenna Specialists K725 2 years	138-174 Mhz coil for ASP7450 MOSAIC series antennas.	13.15 0.12 0.05	6.64 6.53 6.45
87155 1 EACH	Cushcraft/Signals SN150C 1 year	148-174 Mhz SN150 series replacement coil	33.80 1 0.45	20.27 17.40 16.89
30133 1 EACH	Radiall/Larsen NMO-2/70-BCO 3 years	144-148/440-450 Mhz dual amatuer band antenna. Black coil only. Requires W 2/70 (59258) whip and NMO mount.	38.35 0.21 0.1	22.62 21.85 21.09
73323 1 EACH	Radiall/Larsen LM-150-BCO 3 years	144-174 Mhz loading coil only. Requires W490 (71223) whip and LM mount. Black.	21.70 0.19 0.09	12.79 12.36 11.92
31614 1 EACH	Radiall/Larsen OM-150-BCO 3 years	144-174 MHz OM loading coil with internally attached cable and UHF connector. Whip is not included.	50.00 0.72 0.33	29.50 28.50 27.50
78518 1 EACH	Radiall/Larsen NMO-150-BCO 3 years	144-174 Mhz NMO loading coil only. Requires W490B (19616) whip and NMO mount. Black finish to match "Kulrod" whips.	21.00 0.2 0.09	12.39 11.97 11.55
33499 1 EACH	Maxrad, Inc MMCO150 2 years	144-174 Mhz 3dB loading coil. For MHB150 series antenna.	20.50 0.17 0.08	10.25 9.43 9.41
50460 1 EACH	Maxrad, Inc MAT58 2 years	144-174 Mhz 3dB loading coil for the MHB5800 series antennas.	23.50 0.39 0.18	12.22 11.40 11.00
88853 1 EACH	Maxrad, Inc MAT582 2 years	144-174 Mhz loading coil for no ground plane MHB5802 antenna	23.50 0.37 0.17	12.22 11.40 11.00

UHF Coils/Bases

42062 37102 55113 38495 78907

Replacement coils and bases for high band two-way mobile antennas.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
42062 1 EACH	Antenna Specialists K722 2 Years	406-470 Mhz replacement coil for ASP7650 MOSAIC series antennas.	13.15 0.12 0.05	6.64 6.53 6.45
80455 1 EACH	Antenna Specialists KT722 2 Years	470-512 Mhz replacement coil for ASP7650 MOSAIC series antennas.	13.15 0.08 0.04	6.64 6.53 6.45
37102 1 EACH	Radiall/Larsen OM-450-BCO 3 years	440-490 MHz OM loading coil with internally attached cable and UHF connector. Whip is not included.	50.00 1 0.45	29.50 28.50 27.50

= New Listing. Pricing for reference only.
SSCO.com for latest pricing and products.

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^ = Field tunable to exact frequency * = Specify frequency when ordering

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
55113 1 EACH	Radiall/Larsen LM-UHFBASE-B 3 years	Replacement base for the LM series antenna. Choose W152 thru W157 whip for desired frequency. (see whip section)	17.00 0.16 0.07	10.03 9.69 9.35
63530 1 EACH	Radiall/Larsen NMOUHFBASEB 3 years	Black replacement base for the NMO series antenna. Choose W152 thru W157 whip for desired frequency. (see whip section)	12.10 0.14 0.06	7.13 6.89 6.65
38495 1 EACH	Maxrad, Inc MAT450 2 years	450-470 Mhz 5dB loading coil for the MUF4505 series antenna.	20.40 0.3 0.14	10.60 9.89 9.54
78907 1 EACH	Maxrad, Inc MMCO450 2 years	450-470 Mhz replacement coil for the MUF450 antenna. Black coil with threaded top stud.	20.50 0.36 0.16	10.66 9.95 9.60

Springs [360-72]

Springs

30264 59190 73907 82953 22212 94527 85381 52590 17055 19574

Replacement springs for two-way mobile antennas.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30264 1 EACH	Antenna Specialists K223 2 Years	Replacement spring for ASP830 and ASP1490 series antennas. Accepts .125" diameter whip.	19.50 0.36 0.16	10.10 9.75 9.65
59190 1 EACH	Antenna Specialists K126 2 years	Spring kit, 1/4"-20 thread. Includes K50 adapter. For use with K46 and K48 coils.	12.25 0.25 0.11	6.35 6.13 6.07
68490 1 EACH	Antenna Specialists KR723 2 years	Replacement DURA-FLEX spring for ASP-7650 series MOSAIC antennas.Accepts .125 dia. whips.	21.90 0.27 0.12	11.05 10.87 10.74
73907 1 EACH	Antenna Specialists ASP570 2 years	Stainless steel low band replacement spring for ASPR632. Rust proof. 3/8" - 24 thread.	63.75 1.14 0.52	32.20 31.69 31.31
82953 1 EACH	Antenna Specialists KR726 2 years	Replacement for ASP7450, ASP7790 series. DURA-FLEX spring for high band low profile gain antennas. Accepts .100 dia. whips.	23.15 1 0.45	11.69 11.50 11.36
22212 1 EACH	Antenex SB 2 years	Black plated stainless steel shock spring for the "B" and "C" style load coil. Complete with set screws and allen key.	16.90 0.5 0.23	9.74 8.10 7.58
37200 1 EACH	Antenex S 2 years	Chrome plated stainless steel shock spring for the "B" and "C" style load coil. Complete with set screws.	10.40 0.24 0.11	5.97 4.97 4.65
42920 1 EACH	Antenex ASB 2 years	Black plated stainless steel shock spring for the "A" style mounting base. Complete with set screw and allen key.	16.00 0.25 0.11	9.20 7.65 7.16
94527 1 EACH	Antenex AS 2 years	Chrome plated stainless steel shock spring for the "A" style mounting base. Complete with set screw and allen key.	9.80 0.25 0.11	5.64 4.69 4.39
85381 1 EACH	Cushcraft/Signals SPR5 1 year	Stainless steel replacement spring. Fits 5/16"-24 thread.	8.60 1 0.45	5.15 4.42 4.29
13896 1 EACH	Radiall/Larsen SPRING 3 years	Chrome spring.	10.85 0.14 0.06	6.39 6.18 5.96
52590 1 EACH	Radiall/Larsen SPRING B 3 years	Black spring.	14.20 0.14 0.06	8.36 8.08 7.80
17055 1 EACH	Maxrad, Inc MS800 2 years	Chrome coil spring for 800-900 MHz antennas.	14.95 0.36 0.16	7.48 6.88 6.87
19574 1 EACH	Maxrad, Inc MAXS 2 years	Spring for MAX and MMC series antennas. Chrome finish.	10.95 0.02 0.01	5.70 5.32 5.13
22982 1 EACH	Maxrad, Inc MS 2 years	Shock spring for low band, high band/3dB and UHF 5dB antenna models. Order MXS for use with molded coils.	14.95 0.36 0.16	7.48 6.88 6.87
57967 1 EACH	Maxrad, Inc BMAXS 2 years	Spring for MAX and MMC series antennas. Black finish.	14.95 0.02 0.01	7.78 7.26 7.00

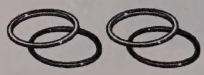
Replacement Parts, Misc. [360-74]

Mobile Antenna Set Screws.

10407

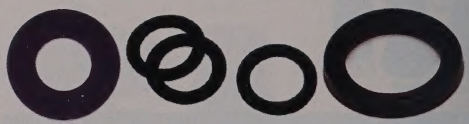
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
10407 1 EACH	Antenna Specialists 24-2-28 90 days	Set screw for the Springless MOSAIC series mobile antenna.	0.35 0.05 0.02

O-rings

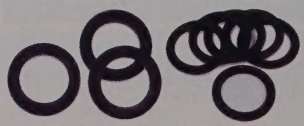


Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
14878 1 EACH	Antenna Specialists 9-121-1 2 Years	Replacement "O" ring for 3/4" roof mounts. Can be used on K794, K66 and K166 mounts.	0.25 0.01 0
416066 6 PACK	Antenex BCORNG 2 years	For B and C coils. 6 per package.	3.35 0.65 0.3
47818 3 PACK	Radiall/Larsen O-NMO-MNT 3 years	Replacement "O" rings for NMO mount. 3 per package.	2.95 0.02 0.01
86211 3 PACK	Radiall/Larsen O-NMO-ANT 3 years	Replacement "O" rings for NMO coils and bases. 3 per package.	2.95 0.03 0.01
95496 6 PACK	Maxrad, Inc ORNG 2 Years	Replacement "O" rings for 3/4" or 3/8" mounts. 6 per package.	4.00 0.02 0.01
78937 3 PACK	Cushcraft/Signals ORING1 1 year	#020 "O" ring for 3/4" mount. 3 pack.	1.00 1 0.45

Gaskets



25594 16394 61675



34223 30476

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
25594 1 EACH	Antenna Specialists 9-40-1 90 days	Gasket for ASPC201L mount.	0.40 0.02 0.01
16394 3 PACK	Radiall/Larsen RG-NMO-ANT 3 years	Rubber gaskets for NMO mount. 3 per package.	3.75 0.03 0.01
61675 3 PACK	Radiall/Larsen RG-SS 3 years	Super Seal for NMO mount. 3 per package.	3.75 0.03 0.01
34223 3 PACK	Maxrad, Inc MGST 2 Years	Gaskets for load coil. 3 per package.	4.00 0.02 0.01
30476 6 PACK	Maxrad, Inc MMGSK 2 Years	Gaskets. Fits around 3/4" mount nut. 6 per package.	3.80 0.04 0.02

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ounting Nuts

24472 76079 15090

24557 62950

No. on	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
72 CH	Antenna Specialists 14-254-3 90 days	Brass adapter ring for K66, KD66 and K166 series mounts. See 14878 for the rubber gasket.	3.90 0.03 0.01	1.96 1.93 1.91
79 CH	Antenna Specialists 14-254-2 90 days	Threaded replacement ring for KE94, K194, KE194, MR510, MONR33 mounts.	2.40 0.02 0.01	1.21 1.19 1.17
90 CH	Maxrad, Inc BMN 2 Years	Black chrome nut for 1/4 wave antennas.	4.20 0.1 0.05	2.19 2.04 1.97
57 CH	Maxrad, Inc BNUT 2 Years	Brass nut and "O" ring for 3/4" mount.	1.60 0.04 0.02	0.83 0.77 0.74
50 CH	Maxrad, Inc BNUT38 2 Years	Brass nut and "O" ring for 3/8" mount.	3.30 0.04 0.02	1.70 1.59 1.53
1 CH	Maxrad, Inc CNUT 2 Years	Chrome mount nut for 1/4 wave antennas.	5.95 0.09 0.04	3.10 2.89 2.79
6 H	Maxrad, Inc XNUT 2 Years	Brass nut for the 3/8" snap-in mount.	3.50 0.03 0.01	1.82 1.70 1.64
0 H	Cushcraft/Signals RING 1 year	Double threaded ring for 3/4" mounts.	4.00 1 0.45	2.39 2.05 1.99

enna Base Assemblies

53153 59443 66938 54063 99569

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
3 H	Antenna Specialists K849 90 days	Replacement mounting base for models ASP1850D,1860D,1870D,1880T, 1880M, 1810M, and ASPDM1960/65.	13.40 0.04 0.02	6.69 6.63 6.55
3 H	Antenna Specialists K729 90 days	Replacement base for model ASPR790, ASPR7490 and ASPR7920 series.	14.40 0.05 0.02	7.27 7.15 7.07
9 H	Antenna Specialists ASP3 2 Years	Mobile swivel ball. Standard replacement swivel base for ASP631.Black.	52.40 1.24 0.56	26.46 26.04 25.72
1 H	Antenna Specialists ASPR368 2 Years	Stainless steel replacement mobile swivel base for ASPR632, etc. Complete mount, includes ball,base,mounting plate,gasket,bolts.	77.55 1.24 0.56	39.15 38.53 38.06
3 H	Radiall/Larsen NMOQ-BASE 1B 3 years	136-512 Mhz base for NMO-Q quarter wave antenna. Black Teflon coated. Uses .073 rods.	11.50 0.13 0.06	6.79 6.56 6.33
1	Maxrad, Inc MAX 2 Years	Black molded ABS base. For MAX base series antennas.	9.60 0.08 0.04	5.00 4.66 4.50

Antenna Contact Pins

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
93040 1 EACH	Antenna Specialists 10-51-1 90 days	Replacement "4-finger" contact pin for ASP268/ ASPS177 type coils.	4.85 0.02 0.01	2.44 2.41 2.38

Antenna Rod Tips and Rain Caps

53658 85487 11017

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
27812 1 EACH	Antenex QWRC 2 Years	Quarterwave rain cap, chrome.	3.30 0.1 0.05	1.90 1.58 1.48
52991 1 EACH	Antenex QWRCB 2 Years	Quarterwave rain cap, black. For NMO style.	4.50 0.09 0.04	2.58 2.15 2.01
66872 10 PACK	Radiall/Larsen BALL-1B 3 years	Tear drop shaped black rod tip for W490 and W540 .100 diameter tapered rods. Package of 10.	4.60 0.1 0.05	2.71 2.62 2.52
15265 10 PACK	Radiall/Larsen BALL-2B 3 years	Black teardrop rod tips for Q and NMOQ antennas. Package of 10.	4.60 0.1 0.05	2.71 2.62 2.52
53658 10 PACK	Radiall/Larsen BALL-3B 3 years	Black teardrop rod tips for .100 daimeter non-tapered rods. Package of 10.	4.60 0.1 0.05	2.71 2.62 2.52
44397 1 EACH	Radiall/Larsen LM-CAP-B 3 years	Rain cap for LM mount. Black plastic.	4.60 0.06 0.03	2.71 2.62 2.52
85487 1 EACH	Radiall/Larsen NMO-CAP-B 3 years	Rain cap for NMO mount. Black plastic.	4.95 0.06 0.03	2.91 2.81 2.71
11017 1 EACH	Maxrad, Inc MRC 2 Years	Bright chrome rain cap for Maxrad mounts.	6.95 0.11 0.05	3.62 3.38 3.26

Whip Adapters

50972 95678

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
50972 1 EACH	Antenna Specialists K50 2 Years	Whip adapter for ASPS177/268/375/446/447/448/452/ 552 and 553 series using .10 inch diameter whip.	4.75 0.07 0.03	2.47 2.38 2.36
91863 1 EACH	Antenna Specialists KR43 2 Years	Set screw adapter only for ASPC201 series with .072" diameter whip.	5.00 0.03 0.01	2.59 2.50 2.48
53470 1 EACH	Antenna Specialists K43 2 Years	Set screw adapter only for ASPC201 series with .046 diameter whips.	12.95 0.04 0.02	6.71 6.47 6.41
17643 1 EACH	Radiall/Larsen Q-CONE.073B 3 years	"Q-Cone" .073" blind hole. Black	3.75 0.05 0.02	2.22 2.14 2.07
95678 1 EACH	Radiall/Larsen Q-CONE.073 3 years	"Q-Cone" .073" blind hole.	2.95 0.05 0.02	1.73 1.67 1.61
44071 1 EACH	Radiall/Larsen Q-CONE-100 3 years	Cone - .100" through hole.	2.95 0.04 0.02	1.73 1.67 1.61

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^ = Field tunable to exact frequency * = Specify frequency when ordering

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30857 1 EACH	Radiall/Larsen Q-CONE.125 3 years	Cone - .125" through hole.	2.95 0.03 0.01	1.73 1.67 1.61
48237 1 EACH	Cushcraft/Signals SNCONE2 1 years	Replacement cone for .100" diameter whip. Fits 5/16"-24 thread. Chrome.	3.10 0.2 0.09	1.85 1.59 1.54

Hole Plugs

16326 27237 65630

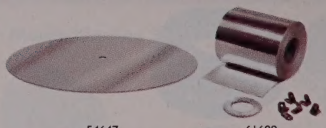
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
81147 1 EACH	Antenna Specialists K34 2 Years	1-5/16" rubber hole plug. each	3.40 0.17 0.08	1.77 1.70 1.69
67933 1 EACH	Antenna Specialists K35 2 Years	3/4" rubber hole plug. each.	2.25 0.02 0.01	1.17 1.13 1.12
16326 25 PACK	Antenna Specialists K35/25 2 Years	3/4" rubber hole plug. 25 pack.	43.00 0.57 0.26	22.28 21.50 21.29
54719 1 EACH	Antenna Specialists K37 2 Years	3/8" rubber hole plug. each.	2.25 0.03 0.01	1.17 1.13 1.12
93112 25 PACK	Antenna Specialists K37/25 2 Years	3/8" rubber hole plug. 25 pack.	43.00 0.46 0.21	22.28 21.50 21.29
41505 1 EACH	Antenna Specialists K39 2 Years	7/8" rubber hole plug. each	2.25 0.04 0.02	1.17 1.13 1.12
79898 25 PACK	Antenna Specialists K39/25 2 Years	7/8" rubber hole plug. 25 pack.	43.00 0.56 0.25	22.28 21.50 21.29
82282 6 PACK	Maxrad, Inc PL38 2 Years	3/8" plastic hole plug. 6 per package.	3.80 0.02 0.01	1.98 1.84 1.78
27237 5 PACK	Radiall/Larsen HP-34 3 years	3/4" plastic hole plug. 5 per package.	2.50 0.01 0	1.48 1.39 1.38
43889 6 PACK	Maxrad, Inc PL34 2 Years	3/4" plastic hole plug. 6 per package.	4.00 0.02 0.01	2.08 1.94 1.87
65630 6 PACK	Radiall/Larsen HP-38 3 years	3/8" plastic hole plug. 6 per package.	2.50 0.03 0.01	1.48 1.43 1.38
466014 6 PACK	Maxrad, Inc RPL34 2 Years	3/4" rubber hole plug. 6 per package.	9.95 0.2 0.09	5.18 4.83 4.66

Hold Down Whip Clip

20797

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
20797 1 EACH	Antenna Specialists K115 2 Years	Handy clip for quick-action fastening down of long whips when not in use. Attaches with single clamp to gutter, insulated.	10.90 0.07 0.03	5.64 5.44 5.39

Groundplane Kit-Fiberglass Vehicle



54647 61688

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
54647 1 EACH	Antenna Specialists K332 2 Years	Ground plane disc for antenna. 6" diameter. Recommended 445 Mhz mininum.	12.00 0.12 0.05
61688 1 EACH	Antenna Specialists K67 2 Years	Ground plane kit for fiberglass bodies. Includes enough adhesive backed foil for 1 low/high band, or 6 UHF (3 inches x 44 ft) antennas. W/6 clips.	24.00 0.82 0.37

Brackets [360-75]

L-Brackets, Trunk Groove Brackets

37826 76219

Bracket that can be mount
the unexposed part of trun

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
26517 1 EACH	Antenna Specialists K360 2 years	Trunk groove bracket for 3/8" hole antenna mounts. Durable stainless steel bracket and 3 sheet metal screws are supplied.	5.50 0.11 0.05
64910 1 EACH	Antenna Specialists K361 2 years	Trunk groove bracket for 3/4" hole antenna mounts. Durable stainless steel bracket and 3 sheet metal screws are supplied.	5.50 0.02 0.01
90979 1 EACH	Antenex LBT3400 2 years	3/4" hole stainless steel trunk groove bracket and self tap screws.	4.50 0.1 0.05
57195 1 EACH	Antenex LBTB3400 2 years	3/4" hole stainless steel trunk groove bracket and self tap screws. Black.	5.60 0.1 0.05
34177 1 EACH	Antenex LBT3800 2 years	3/8" hole stainless steel trunk groove bracket and self tap screws.	4.50 0.1 0.05
57527 1 EACH	Antenex LBTB3800 1 year	Black trunk gutter mount L bracket with 3/8" hole.	5.60 0.11 0.05
89825 1 EACH	Comtelco TMBM 2 years	Trunk gutter mount L bracket for 3/4" hole.	5.60 0.61 0.28
37826 1 EACH	Radiall/Larsen TMB-34 3 years	Trunk gutter mount L bracket for 3/4" hole.	5.00 0.1 0.05
76219 1 EACH	Radiall/Larsen TMB-34B 3 years	Trunk gutter mount L bracket for 3/4" hole. Black.	7.50 0.09 0.04
15042 1 EACH	Radiall/Larsen TMB-34D 3 years	Fender bracket only fits Dodge Ram trucks	9.60 0.09 0.04
24612 1 EACH	Radiall/Larsen TMB-38 3 years	Trunk gutter mount L bracket for 3/8" hole.	5.00 0.11 0.05
63005 1 EACH	Radiall/Larsen TMB-38B 3 years	Trunk gutter mount L bracket for 3/8" hole. Black.	7.50 0.09 0.04
11398 1 EACH	Radiall/Larsen TMB-58 3 years	Trunk gutter mount L bracket for 5/8" hole.	5.00 0.09 0.04
48487 1 EACH	Maxrad, Inc BTGB34 2 years	Trunk gutter mount L bracket for 3/4" hole. Black.	6.95 0.06 0.03
79784 1 EACH	Maxrad, Inc TGB34 2 years	Trunk groove L bracket, mounting bracket only, 3/4" hole. Chrome.	4.30 0.09 0.04
66570 1 EACH	Maxrad, Inc TGB38 2 years	Trunk gutter mount L bracket for 3/8" hole. Chrome.	4.30 0.11 0.05
86880 1 EACH	Maxrad, Inc BTGB-38 2 years	3/8" hole trunk groove L bracket. Black.	6.80 0.11 0.05

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nuing product table (2 of 2)

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
595 PACK	Cushcraft/Signals SNLM 1 year	3/4" trunk gutter L bracket for use with SN style antennas. Screws not included. 100 pack	234.95 1 0.45	140.96 120.99 117.46
202 ACH	Cushcraft/Signals SNL 1 year	3/4" trunk gutter L bracket for use with SN style antennas. Screws not included.	5.85 0.05 0.02	3.51 3.02 2.93

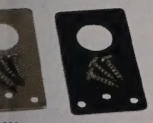
irror Mount Brackets

7391 98998

Used to mount mobile antennas to side view mirrors on vehicles

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
157 CH	Antenna Specialists K913BKT 90 days	Mirror bracket for ASP913 series antennas. Can be matched with ASP911 series to create complete mirror mount antenna.	26.00 0.77 0.35	13.47 13.00 12.87
91 CH	Antenex LBMB9034 2 years	3/4" hole, 90 degree mirror mount bracket. Order Antenex 3/4" hole mount, cable and connector seperately. Black.	14.10 0.37 0.17	8.12 6.75 6.32
98 CH	Antenex LBM9034 2 years	3/4" hole, 90 degree mirror mount bracket. Order Antenex 3/4" hole brass mount, cable and connector seperately. Chrome.	13.30 0.36 0.16	7.66 6.37 5.96
82 CH	Antenex LBM9038 2 years	3/8" hole, 90 degree mirror mount bracket. Order Antenex 3/8" hole brass mount, cable and connector seperately. Chrome.	13.30 0.38 0.17	7.66 6.37 5.96
04 CH	Maxrad, Inc BMMB34 2 years	3/4" hole mirror mount bracket. Black	16.90 0.33 0.15	8.45 7.78 7.76
25 CH	Maxrad, Inc MMB34 2 years	3/4" hole mirror mount bracket. Chrome.	15.90 0.33 0.15	7.95 7.32 7.30
97 CH	Maxrad, Inc BMMB38 2 years	3/8" hole mirror mount bracket. Black.	12.30 0.36 0.16	6.15 5.66 5.65

aight Brackets



089 50239

Straight bracket can be flexed for hard to fit vehicles.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
9 H	Antenex SBT3400 2 years	3/4" hole stainless steel straight trunk groove bracket with self-tap screws. Chrome.	4.50 0.1 0.05	2.60 2.16 2.02
9 H	Antenex SBTB3400 2 years	3/4" hole stainless steel straight trunk groove bracket with self-tap screws. Black.	5.60 0.09 0.04	3.23 2.69 2.51

Replacement Whips, Radiators [360-76]

Band Replacement Whips

ng product table (1 of 2)

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
5 H	Antenna Specialists ASP3BL 2 Years	96" low band, stainless steel, quarter wave replacement whip. Tapered from .200 at base to .100 at tip.	35.25 1.4 0.64	17.81 17.52 17.31

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
33541 1 EACH	Antenna Specialists ASP121 2 Years	96" replacement whip (ASP3BL) with a stainless steel adapter and set screw adapter.	43.50 1.42 0.65	21.97 21.62 21.36
31140 1 EACH	Antenex RO49T 2 years	49" x .100 tapered rod for Antenex C series low band and B series VHF 1/4 wave antennas	8.85 0.06 0.03	5.09 4.23 3.96
54207 1 EACH	Maxrad, Inc MAR96 90 days	30-54 MHz replacement whip for MLB-3001 antenna.	24.00 0.2 0.09	12.48 11.64 11.24

High Band Replacement Whips

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
12421 1 EACH	Antenna Specialists KAV143Z 90 days	138-150 Mhz replacement whip for AP143/153 cellular look-alike on glass antenna. Includes whip adapter and swivel.	26.75 0.1 0.05	13.51 13.30 13.14
28291 1 EACH	Antenna Specialists K41 2 Years	49" whip and ball for high band gain and low band base loaded antennas ASPS 177/ 268/ 358/ 446/ 447/ 448/ 452/ 552/ 555.	12.00 0.39 0.18	6.20 5.98 5.92
31346 1 EACH	Antenna Specialists KR731 2 Years	49" x .100 dia. whip. Copper flashed nickel plated. Standard replacement for ASP7450 MOSAIC series antennas.	12.60 0.4 0.18	6.37 6.27 6.19
46229 1 EACH	Antenna Specialists K790Z 90 days	108-512 replacement whip and adapter for ASPR790 series antennas.	9.25 0.68 0.31	4.68 4.60 4.55
471177 1 EACH	Antenna Specialists K790GPSZ 90 days	150-890 MHz heavy duty .072 diameter x 25" replacement whip for K-1860GPS series base. Cutting chart supplied.	14.70 0.23 0.1	7.62 7.35 7.28
50814 1 EACH	Antenna Specialists KAV153Z 2 Years	150-174 Mhz replacement whip for AP143/153 cellular look-alike on glass antenna. Includes whip adapter and swivel.	26.75 0.1 0.05	13.51 13.30 13.14
62809 1 EACH	Antenna Specialists KR751Z 90 days	Heavy duty .072 diameter replacement whip for ASP790 series.	13.75 0.23 0.1	7.13 6.88 6.81
64028 1 EACH	Antenna Specialists KAV151.3Z 90 days	Complete black whip for APR151.3G. Includes whip, adapter, and swivel.	15.75 0.39 0.18	7.96 7.83 7.74
77242 1 EACH	Antenna Specialists KAV152.3Z 2 Years	150-174 Mhz replacement whip for the AP152.3 On Glass antenna	12.50 0.1 0.05	6.32 6.22 6.14
97836 1 EACH	Antenna Specialists K7490Z 2 Years	150-512 replacement whip for ASPR7490 series antennas.	7.50 0.06 0.03	3.79 3.73 3.69
21085 1 EACH	Cushcraft/Signals SN30R 1 year	49" replacement whip	12.25 1 0.45	7.34 6.30 6.11
72472 1 EACH	Radiall/Larsen W-200 3 years	136-512 Mhz replacement whip for all 1/4 wave antennas. "Kulrod" plated.	5.00 0.03 0.01	2.95 2.85 2.75
20865 1 EACH	Radiall/Larsen W-200B 3 years	136-512 MHz 1/4 wave black whip.	5.85 0.05 0.02	3.44 3.33 3.21
71223 1 EACH	Radiall/Larsen W-490 3 years	Replacement whips for most VHF gain and low band 1/4 wave antennas. "Kulrod" plated.	9.50 0.09 0.04	5.61 5.28 5.23
NEW 44907 1 EACH	Radiall/Larsen W-490/.125 3 years	Stainless steel rod "Kulrod" plated for most VHF and low band 1/4 wave antennas. 49" x .125 tapered.	9.50 0.25 0.11	5.61 5.28 5.23
NEW 489177 1 EACH	Radiall/Larsen W-490/.125B 3 years	Stainless steel rod BLACK "Kulrod" plated for most VHF and low band 1/4 wave antennas. 49" x .125 tapered.	12.00 0.25 0.11	7.08 6.66 6.60
19616 1 EACH	Radiall/Larsen W-490B 3 years	Stainless steel rod BLACK "Kulrod" plated for most VHF and low band 1/4 wave antennas.	12.00 0.36 0.16	7.08 6.84 6.60
58009 1 EACH	Radiall/Larsen W-540 3 years	Replacement whip for most VHF gain and low band antennas .10" X 54" tapered rod. "Kulrod" plated.	10.35 0.1 0.05	6.10 5.89 5.69
45685 1 EACH	Radiall/Larsen W-540B 3 years	Replacement whip for most VHF gain and low band antennas .10" X 54" tapered rod. (Black)	12.00 0.1 0.05	7.08 6.84 6.60
96402 1 EACH	Radiall/Larsen W-640 3 years	Replacement whip for most VHF gain and low band antennas .10" X 64" tapered rod. "Kulrod" plated.	14.20 0.16 0.07	8.36 8.08 7.80

= New Listing. Pricing for reference only.

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^ = Field tunable to exact frequency * = Specify frequency when ordering

Antennas, Mobile Two-way, GPS, XM

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
10818 I EACH	Maxrad, Inc MATH132 2 Years	131-174 Mhz 55"x .100 dia tapered replacement whip.	10.95 0.11 0.05	5.68 5.30 5.11
17588 I EACH	Maxrad, Inc BMATH 2 Years	132-174 Mhz 49" x .100 tapered black whip.	16.00 0.2 0.09	8.32 7.76 7.49
62425 I EACH	Maxrad, Inc MATH 2 Years	49" x .100 diameter stainless steel tapered replacement whip.	9.75 0.66 0.3	4.86 4.47 4.46
66172 I EACH	Maxrad, Inc MAT1520 2 Years	152-162 Mhz 1/4 wave replacement whip for MHB1520 antenna.	4.75 0.03 0.01	2.47 2.31 2.23

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
44941 I EACH	Maxrad, Inc MLW15.5 2 Years	406-490 Mhz 15.5" x .100 non-tapered whip for MUF series antennas.	4.95 0.05 0.02	
52958 I EACH	Maxrad, Inc MAT-1/4 4500 2 Years	450-470 Mhz 1/4 wave replacement whip.	4.75 0.02 0.01	
82807 I EACH	Maxrad, Inc MUB450 2 Years	450-470 Mhz 5dB whip and phasing assembly.	16.00 0.14 0.06	
43766 I EACH	Cushcraft/Signals SN450R 1 year	450-470 Mhz 5 dB replacement whip for SN style antennas.	23.95 1 0.45	

High Band/UHF Replacement Whips

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
15077 I EACH	Antenna Specialists K42 2 Years	.072 X 23.5" untapered stainless steel whip and screw adapter for 1/4 wave rooftop ASP201 type antennas.	7.00 0.3 0.14	3.63 3.50 3.47
89365 I EACH	Antenna Specialists K51 2 Years	Whip/ball and set screw adapter. Heavy duty 17-7PH .072 dia. tapered stainless steel with 5/16-24 threads for ASPC201.	13.75 0.5 0.23	7.13 6.88 6.81
52947 I EACH	Radiall/Larsen W-2/70B 3 years	34" replacement black whip for amateur dual band NMO antenna.	27.45 0.14 0.06	16.18 15.63 15.09

UHF Replacement Whips

Continuing product table (1 of 2)

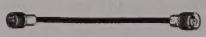
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
16652 I EACH	Antenna Specialists K454.3Z 1 year	410-512 Mhz replacement whip for AP454.3 antenna.	12.50 0.06 0.03	6.32 6.22 6.14
56525 I EACH	Antenna Specialists KR724 2 Years	445-470 Mhz whip for UHF low profile 5dB gain antenna. For ASP7650 MOSAIC series antennas.	13.75 0.3 0.14	6.95 6.84 6.76
76734 I EACH	Antenna Specialists K455Z 2 year	440-470 Mhz replacement whip for AP455 antenna.	26.75 0.06 0.03	13.51 13.30 13.14
94918 I EACH	Antenna Specialists KRB724 2 Years	470-494 Mhz whip for UHF low profile 5dB gain antenna. For ASP7650 MOSAIC series antennas.	13.75 0.36 0.16	6.95 6.84 6.76
95876 I EACH	Antenna Specialists KRL724 2 Years	445-470 Mhz whip for UHF low profile 3dB gain antenna. For ASP7790 MOSAIC series antennas.	4.50 0.14 0.06	2.28 2.24 2.21
22208 I EACH	Antenex B4505CRO 2 Years	450-470 Mhz replacement whip for B series loaded coil and no ground plane antennas.	19.00 1 0.45	10.95 9.11 8.52
23363 I EACH	Radiall/Larsen W-145B 2 Years	131-174 Mhz 55" .100 dia tapered replacement whip.	24.35 0.12 0.05	14.36 13.87 13.39
35328 I EACH	Radiall/Larsen W-155 3 years	450-470 Mhz collinear whip.	17.85 0.14 0.06	10.52 10.17 9.81
98900 I EACH	Radiall/Larsen W-161 3 years	450-470 Mhz replacement whip. For use with 1/2 wave coils. "Kulrod" plated.	17.85 0.16 0.07	10.52 10.17 9.81
15488 I EACH	Maxrad, Inc MUR450 2 Years	450-470 Mhz 5dB whip and phasing assembly for the 43165 antenna with molded coil.	17.00 0.14 0.06	8.84 8.25 7.96
38169 I EACH	Maxrad, Inc MLW21 2 Years	21" .100" non-tapered whip for MWB1320, 406-512 Mhz on ground plane 406-512 3 dB antenna and MHBL-WBQ.	4.80 0.3 0.14	2.50 2.33 2.25

Trunking/ SMR Replacement Whips

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T
24778 I EACH	Antenna Specialists KR852Z 90 days	806-869 Mhz black replacement whip for APR852.3 series. Swivel adapter is not included. Adapter is included in KAV377(sku 80493)..	12.80 1 0.45	
26884 I EACH	Antenna Specialists KA1860Z 90 days	806-866 Mhz replacement black whip for the ASPA1850, 1860,1870 series antennas.	17.50 0.27 0.12	
89207 I EACH	Antenna Specialists KG910Z 90 days	890-960 Mhz replacement whip and adapter for ASPG910/912/915 series antennas.	17.50 1 0.45	
57634 I EACH	Andrew Wireless 8250-M Lifetime	806-869 Mhz replacement whip for 8225/8250 series antennas.	10.60 0.25 0.11	
99064 I EACH	Andrew Wireless 8-EC-M Lifetime	806-869 Mhz replacement whip for 8790 series enclosed coil antennas.	13.25 0.25 0.11	
65198 I EACH	Cushcraft/Signals SN808R 1 year	806-960 Mhz 3 dB replacement whip for SN style antennas.	12.10 1 0.45	
17986 I EACH	Maxrad, Inc MUB8003 2 Years	806-866 Mhz 3dB enclosed coil whip and phasing assembly for MUF8003 antenna. .	16.00 0.1 0.05	
56379 I EACH	Maxrad, Inc MUB8005 2 Years	806-866 Mhz 5dB whip for the MUF8005 antenna.	22.40 0.8 0.36	

Cable Assemblies [360-78]

Cable Assemblies



Commonly used cable assemblies that allow you to co the antenna to the radio.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)
57941 I EACH	Antenna Specialists K195 2 Years	20' RG58/U cable with UHF male connector on one end only.	17.75 0.77 0.35
96334 I EACH	Antenna Specialists K198 2 Years	20' RG58/U cable with one UHF male attached and one UHF male connector loose.	24.50 0.76 0.35
44727 I EACH	Antenna Specialists K199 2 Years	10' RG58/U cable with UHF male and solder lug on other end.	14.50 0.4 0.18
23355 I EACH	Antenna Specialists K301M 2 Years	10' Pro-flex cable with N male and Mini-UHF male connectors.	28.75 0.85 0.39
67408 I EACH	Antenna Specialists K301P 2 Years	10' Pro-flex cable with N male and UHF connectors.	33.75 0.98 0.45
15801 I EACH	Antenna Specialists K301T 2 Years	10' Pro-flex cable with TNC male and N male connectors.	28.75 0.85 0.39
96546 I EACH	Maxrad, Inc MK10 2 Years	10' RG58/U with loose solder-on UHF male and spade lugs installedFor use with TMX3001 antenna.	11.45 1.04 0.47

^ = Field tunable to exact frequency * = Specify frequency when ordering

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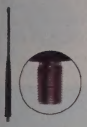
30-50 MHz, 5/16"-32 X 1/2",(HT 220) [380-10]

Stud

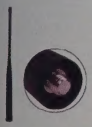


Antenna fits Motorola HT200, HT210, HT220, MH10, MH70, MT, MT500, MX600: Uniden APH, APL, APU.

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Length Material	Frequency (MHz) Antenna Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
49 CH	Centurion EXL-30-HT 1 yr.	10.5" Molded	30-36 MHz Field Tunable	38.20 0.1 0.05	21.59 20.48 20.25
20 CH	Centurion EXL-42-HT 1 yr.	10.5" Molded	42-50 MHz Field Tunable	38.20 0.1 0.05	21.59 20.48 20.25

30-50 MHz, 1/4" x 7/32 (MX,Radius) [380-11]

X 1/4-7/32 Stud



Antenna fits Motorola GP300, GP350, HT10, HT50, HT600, MT100, MX, MX300, P10, P50, P100, P200, P210, SP10, SP50, Expo, Radius Saber (with washer CAP74160): Kenwood TK230, TK240, TK250, TK260, TK270, TK330, TK340, TK350, TK360, TK370: Maxon SP2000, 2550, 2850: Midland: Wilson MH200: GE Monogram: Vertex VX500.

o. m	Manufacturer Mfg. P/N Warranty	Length Material	Frequency (MHz) Antenna Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
5 H	Centurion EXL-30-MX 1 year	11" Molded	30-36 MHz Field tunable	38.20 0.1 0.05	21.59 20.48 20.25
8 H	Centurion EXL-36-MX 1 year	11" Molded	36-42 MHz Field tunable	38.20 0.1 0.05	21.59 20.48 20.25

VHF, 5/16"-32 x 1/2" (HT) [380-15]

Length Antennas

Antenna fits Motorola HT200, HT210, HT220, MH10, MH70, MT, MT500, MX600: Uniden APH, APL, APU.

n	Manufacturer Mfg. P/N Warranty	Length Material	Frequency (MHz) Antenna Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
	Centurion EXB-150-HT 1 yr.	6" Molded	150-162 MHz 1/4 wave Helical	15.60 0.11 0.05	8.82 8.37 8.27

VHF, 5/16-32 x 3/8 King,Ritron/Jobcom [380-17]

Length Antennas

Antenna fits RCA, Tactec, BK Radios EP, GP, LP, LPX, Ritron/Jobcom, Tempo.

g product table (1 of 2)

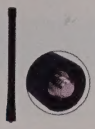
	Manufacturer Mfg. P/N Warranty	Length Material	Frequency (MHz) Antenna Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
	Centurion EXB-150-KR 1 yr.	6" Molded	150-162 MHz 1/4 wave	15.60 0.11 0.05	8.82 8.37 8.27

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Length Material	Frequency (MHz) Antenna Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
27961 1 EACH	Radiall/Larsen KD7-150 3 yrs.	7.5" Plastisol	150-162 MHz Helical	22.60 0.11 0.05	9.50 9.11 9.03

VHF, 1/4"-32 x 7/32" (MX,Radius) [380-19]

Full Length Antennas



Antenna fits Motorola GP300, GP350, HT10, HT50, HT600, MT100, MX, MX300, P10, P50, P100, P200, P210, SP10, SP50, Expo, Radius Saber (with washer CAP74160): Kenwood TK230, TK240, TK250, TK260, TK270, TK330, TK340, TK350, TK360, TK370: Maxon SP2000, 2550, 2850: Midland: Wilson MH200: GE Monogram: Vertex VX500.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Length Material	Frequency (MHz) Antenna Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
96084 1 EACH	Centurion EXW-136-MX 1 yr.	8.75" Molded	136-162 MHz 1/4 wave Broadband	37.00 1 0.45	20.91 19.84 19.61
33579 1 EACH	Centurion EXB-148-MX 1 yr.	6" Molded	148-155 MHz 1/4 wave Helical	15.60 0.25 0.11	8.82 8.37 8.27
54918 1 EACH	Antenna Specialists XP42 1 year	6" Molded	150-162 MHz 1/4 wave Helical	18.15 1 0.45	9.40 9.02 8.91
86617 1 EACH	Centurion EXB-150-MX 1 yr.	6" Molded	150-162 MHz 1/4 wave Helical	15.60 0.1 0.05	8.82 8.37 8.27
32957 1 EACH	Radiall/Larsen KD2-150-HQ 3 Years	9 1/2" Plastisol	150-161 MHz 1/2 wave over 1/4	29.70 0.3 0.14	12.50 11.98 11.88
70405 1 EACH	Radiall/Larsen SPHL10156 3 yr.	7" Molded	150-162 MHz 1/4 wave Helical	14.20 0.1 0.05	10.63 8.51 8.18
84564 1 EACH	Radiall/Larsen KD2-150 3 Years	8" Plastisol	150-161 MHz 1/4 wave Helical	22.60 1 0.45	9.50 9.11 9.03
30560 1 EACH	Maxrad, Inc MEXB-150-MX 3 yrs.	6" Molded	150-162 MHz 1/4 wave Helical	19.50 0.1 0.05	10.14 9.46 9.13
84741 1 EACH	Radiall/Larsen SPHL10167 3 yr.	7" Molded	160-174 MHz 1/4 wave Helical	14.20 0.1 0.05	10.63 8.51 8.18

Stubby Antennas

Antenna fits Motorola GP300, GP350, HT10, HT50, HT600, MT100, MX, MX300, P10, P50, P100, P200, P210, SP10, SP50, Expo, Radius Saber (with washer CAP74160): Kenwood TK230, TK240, TK250, TK260, TK270, TK330, TK340, TK350, TK360, TK370: Maxon SP2000, 2550, 2850: Midland: Wilson MH200: GE Monogram: Vertex VX500.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Length Material	Frequency (MHz) Antenna Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
32736 1 EACH	Radiall/Larsen SPHS10152 3 yr.	3" Molded	146-158 MHz 1/4 wave Helical	15.00 0.1 0.05	11.25 9.00 8.66
93311 1 EACH	Antenna Specialists XP52 1 year	3.5" Molded	150-162 MHz 1/4 Stubby Helical	19.90 0.05 0.02	10.30 9.88 9.76
73403 1 EACH	Centurion EXS-150-MX 1 yr.	3.5" Molded	150-162 MHz 1/4 wave Helical	16.60 0.05 0.02	9.38 8.90 8.80
11190 1 EACH	Radiall/Larsen KD2-150ST 3 Years	4" Plastisol	150-161 MHz 1/4 Stubby	22.60 0.1 0.05	9.50 9.11 9.03
71129 1 EACH	Radiall/Larsen SPHS10156 3 yr.	3" Molded	150-162 MHz 1/4 wave Helical	15.00 0.1 0.05	11.25 9.00 8.66

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^ = Field tunable to exact frequency * = Specify frequency when ordering

VHF, UHF Male [380-22]

Full Length Antennas

Antenna fits radios requiring a UHF male connector.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Length Material	Frequency (MHz) Antenna Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
39926 1 EACH	Radiall/Larsen KD9-150 3 yrs.	8" Plastisol	144-157 MHz Helical	28.50 0.15 0.07	12.00 11.50 11.40

VHF, BNC [380-23]

Full Length Antennas

Antenna fits GE MPI, PLS, PCS: Kenwood TK100, TK200, TK210, TK220, TK300, TK310, TK320: Motorola HT440, HT90: Maxon HR, CP500, CP520, 1015: EF Johnson 577, 578: Standard 734, 834, HR146, HX300, HX320, HX400, CU32, CP/CS 5015, 0420: Uniden HH979: Wilson HH152, HH154, HH156, HH462 , HH464 and others requiring BNC connector.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Length Material	Frequency (MHz) Antenna Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
82243 1 EACH	Radiall/Larsen SPHL16140 3 yr.	7" Molded	134-146 MHz Covered BNC/Helical	17.50 0.1 0.05	13.13 10.50 10.10
57691 1 EACH	Centurion EXW-136-BNX 1 yr.	8.75" Molded	136-162 MHz Covered BNC/ Broadbanded	37.00 0.12 0.05	20.91 19.84 19.61
24087 1 EACH	Radiall/Larsen KD4-136-HQ 3 year	8" Plastisol	136-142 MHz 1/4 wave Helical	35.65 0.13 0.06	15.00 14.38 14.25
30636 1 EACH	Radiall/Larsen SPHL16144 3 yr.	7" Molded	138-150 MHz Covered BNC/Helical	17.50 0.1 0.05	13.13 10.50 10.10
57064 1 EACH	Radiall/Larsen SPHL15144 3 yr.	7" Molded	138-150 MHz 1/4 wave Helical	17.50 0.1 0.05	13.13 10.50 10.10
481067 1 EACH	Radiall/Larsen SPHL15152 3 yr.	7" Molded	146-158 MHz 1/4 wave Helical	17.50 0.12 0.05	13.13 10.50 10.10
70917 1 EACH	Centurion EXB-150-BNC 1 yr.	6" Molded	150-162 MHz 1/4 wave Helical	19.50 0.12 0.05	11.02 10.46 10.34
98891 1 EACH	Centurion EXB-150-BNX 1 yr.	6" Molded	150-162 MHz Covered BNC/Helical	19.50 0.12 0.05	11.02 10.46 10.34
59164 1 EACH	Radiall/Larsen SPHL16156 3 yr.	7" Molded	150-162 MHz Covered BNC/Helical	17.50 0.12 0.05	13.13 10.50 10.10
95280 1 EACH	Radiall/Larsen KD4-150 3 yrs.	8" Plastisol	150-162 MHz 1/4 wave Helical	28.50 0.13 0.06	12.00 11.50 11.40
95457 1 EACH	Radiall/Larsen SPHL15156 3 yr.	7" Molded	150-162 MHz 1/4 wave Helical	17.50 0.12 0.05	13.13 10.50 10.10
27241 1 EACH	Antenna Specialists XPB31 1 Year	6" Molded	155-164 MHz 1/4 wave Helical	19.25 0.36 0.16	9.98 9.57 9.46
43850 1 EACH	Radiall/Larsen SPHL15167 3 yr.	7" Molded	160-174 MHz 1/4 wave Helical	17.50 0.1 0.05	13.13 10.50 10.10
69029 1 EACH	Radiall/Larsen SPHL16167 3 yr.	7" Molded	160-174 MHz Covered BNC/Helical	17.50 0.11 0.05	13.13 10.50 10.10

Helical Whip Antennas

Antenna fits GE MPI, PLS, PCS: Kenwood TK100, TK20 TK210, TK220, TK300, TK310, TK320: Motorola HT44 HT90: Maxon HR, CP500, CP520, 1015: EF Johnson 57 Standard 734, 834, HR146, HX300, HX320, HX400, CU CP/CS 5015, 0420: Uniden HH979: Wilson HH152, HH HH156, HH462 , HH464 and others requiring BNC co tor.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Length Material	Frequency (MHz) Antenna Type	List ($) Wt. (lbs) Wgt. (kg.)
62480 1 EACH	Radiall/Larsen KD4-142-HQ 3 yrs.	11" Plastisol	138-151 MHz 1/4 wave Helical	35.65 0.16 0.07

Stubby Antennas

Antenna fits GE MPI, PLS, PCS: Kenwood TK100, TK20 TK210, TK220, TK300, TK310, TK320: Motorola HT44 HT90: Maxon HR, CP500, CP520, 1015: EF Johnson 57 Standard 734, 834, HR146, HX300, HX320, HX400, CU CP/CS 5015, 0420: Uniden HH979: Wilson HH152, HH HH156, HH462 , HH464 and others requiring BNC co tor.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Length Material	Frequency (MHz) Antenna Type	List ($) Wt. (lbs) Wgt. (kg.)
32512 1 EACH	Centurion EXS-144-BNX 1 yr.	3.5" Molded	144-148 MHz Covered BNC/Stout	20.50 0.1 0.05
46035 1 EACH	Centurion EXS-150-BNX 1 yr.	3.5" Molded	150-162 MHz Covered BNC/ Stout	20.50 0.1 0.05
19522 1 EACH	Radiall/Larsen SPHS16156 3 yr.	3" Molded	150-162 MHz Covered BNC/Helical	18.35 0.1 0.05
43673 1 EACH	Radiall/Larsen KD4-150-ST 3 yrs.	4" Plastisol	150-153 MHz Stubby Helical	28.50 0.1 0.05
45099 1 EACH	Radiall/Larsen SPHS15156 3 yr.	3.5" Molded	150-162 MHz 1/4 wave Helical	18.35 0.1 0.05
70278 1 EACH	Radiall/Larsen SPHS16167 3 yr.	3.5" Molded	160-174 MHz Covered BNC/Helical	18.35 0.1 0.05

VHF, TNC [380-24]

Full Length Antennas

Antenna fits Standard, Icom or any other equipment re a TNC connector.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Length Material	Frequency (MHz) Antenna Type	List ($) Wt. (lbs) Wgt. (kg.)
26104 1 EACH	Centurion EXW-136-TNX 1 yr.	8.75" Molded	136-167 MHz Covered TNC/ Helical	57.65 0.12 0.05
90925 1 EACH	Centurion EXB-150-TNX 1 yr.	6" Molded	150-162 MHz Covered TNC/ Helical	19.50 1 0.45
14399 1 EACH	Radiall/Larsen SPHL18156 3 yr.	7" Molded	150-162 MHz Covered TNC/Helical	17.50 0.1 0.05
40827 1 EACH	Radiall/Larsen SPHL17156 3 yr.	7" Molded	150-162 MHz 1/4 Wave Helical	17.50 0.1 0.05
52792 1 EACH	Radiall/Larsen SPHL18167 3 yr.	7" Molded	160-174 MHz Covered TNC/Helical	17.50 0.1 0.05

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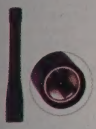
bby Antennas



Antenna fits Standard, Icom or any other equipment requiring a TNC connector.

o. m	Manufacturer Mfg. P/N Warranty	Length Material	Frequency (MHz) Antenna Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1 CH	Centurion EXS-150-TNX 1 yr.	3.5" Molded	150-162 MHz Covered TNC/ Helical	20.50 1 0.45	11.59 10.99 10.87

VHF, SMA [380-25]

bby/Full Length Antennas

Antenna fits Motorola Astro, Saber, HT1000, MT2000 or any radio requiring a SMA female connector. "SFU" connector fits Kenwood TK280, TK290 and TK390.

o. m	Manufacturer Mfg. P/N Warranty	Length Material	Frequency (MHz) Antenna Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
4 H	Radiall/Larsen SPHL21144 3 yr.	7" Molded	138-150 MHz 1/4 wave Helical	17.50 0.1 0.05	13.13 10.50 10.10
7 H	Centurion EXB-150-SFU 3 yr.	6" Molded	150-162 MHz 1/4 wave Helical	19.50 0.12 0.05	11.02 10.46 10.34
2 H	Centurion EXB-150-SF 1 tr.	6" Injection molded	150-162 MHz 1/4 wave Helical	19.50 0.07 0.03	11.02 10.46 10.34
3 H	Centurion EXS-150-SF 1 yr.	3.5" Molded	150-162 MHz 1/4 wave Helical	20.50 0.1 0.05	11.59 10.99 10.87
5 H	Radiall/Larsen SPHS21156 3 yr.	3.5" Molded	150-162 MHz 1/4 wave Helical	18.35 0.1 0.05	13.75 11.00 10.58
1	Radiall/Larsen SPHL21156 3 yr.	7" Molded	150-162 MHz 1/4 wave Helical	17.50 0.06 0.03	13.13 10.50 10.10
1	Radiall/Larsen SPHL21167 3 yr.	7" Molded	160-174 MHz 1/4 wave Helical	17.50 0.1 0.05	13.13 10.50 10.10
1	Radiall/Larsen SPHS21167 3 yr.	3.5" Molded	160-174 MHz 1/4 wave Helical	18.35 0.05 0.02	13.75 11.00 10.58

urion High Efficiency Antennas

Centurion high efficiency antennas feature an inner coil for 30% increase in performance. Available connectors include: "SFK" for Kenwood TK-90 series, TK-80 series, 60G and 70G radios; "MX" for Motorola GP300/ 350, Kenwood TK-353/ 360, GE Monogram, and Vertex VX500; "SF" for Motorola STX, MTX800/ 8000/ 9000, MT2000, MTS2000, and Visar; "SFU" for King and Uniden 800 MHz and newer VHF/UHF radios.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Length Material	Frequency (MHz) Antenna Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
	Centurion EXH-150-MX 1 yr.	9.75" Molded	145-155 MHz 1/4 wave base loaded	36.60 0.11 0.05	20.68 19.62 19.40
	Centurion EXH-155-MX 1 yr.	9.75" Molded	150-160 MHz 1/4 wave base loaded	36.60 0.11 0.05	20.68 19.62 19.40
	Centurion EXH-160-MX 1 yr.	9.75" Molded	155-165 MHz 1/4 wave base loaded	36.60 0.11 0.05	20.68 19.62 19.40
	Centurion EXH-150-SF 1 yr.	9.75" Molded	145-155 MHz 1/4 wave base loaded	22.20 0.11 0.05	12.55 11.90 11.77
	Centurion EXH-155-SF 1 yr.	9.75" Molded	150-160 MHz 1/4 wave base loaded	22.20 0.11 0.05	12.55 11.90 11.77

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Length Material	Frequency (MHz) Antenna Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 489373 1 EACH	Centurion EXH-160-SF 1 yr.	9.75" Molded	155-165 MHz 1/4 wave base loaded	22.20 0.11 0.05	12.55 11.90 11.77
NEW 422393 1 EACH	Centurion EXH-150-SFK 1 yr.	9.75" Molded	145-155 MHz 1/4 wave base loaded	22.20 0.11 0.05	12.55 11.90 11.77
NEW 420120 1 EACH	Centurion EXH-155-SFK 1 yr.	9.75" Molded	150-160 MHz 1/4 wave base loaded	22.20 0.11 0.05	12.55 11.90 11.77
NEW 443375 1 EACH	Centurion EXH-160-SFK 1 yr.	9.75" Molded	155-165 MHz 1/4 wave base loaded	22.20 0.11 0.05	12.55 11.90 11.77
NEW 478313 1 EACH	Centurion EXH-150-SFU 1 yr.	9.75" Molded	145-155 MHz 1/4 wave base loaded	22.20 0.11 0.05	12.55 11.90 11.77
NEW 479306 1 EACH	Centurion EXH-155-SFU 1 yr.	9.75" Molded	150-160 MHz 1/4 wave base loaded	22.20 0.11 0.05	12.55 11.90 11.77
NEW 474351 1 EACH	Centurion EXH-160-SFU 1 yr.	9.75" Molded	155-165 MHz 1/4 wave base loaded	22.20 0.11 0.05	12.55 11.90 11.77

VHF, M7 x 1.0 (GE MPA,MPD) [380-26]

Full Length Antennas

Antenna fits GE MPA, MPD, MRK, MTL, PLS, TPX, Prism.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Length Material	Frequency (MHz) Antenna Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
55573 1 EACH	Centurion EXB-150-MD 1 yr.	6" Molded	150-162 MHz 1/4 wave Helical	19.50 0.06 0.03	11.02 10.46 10.34
91185 1 EACH	Radiall/Larsen SPHL14156 3 yr.	7" Molded	150-162 MHz 1/4 wave Helical	14.20 0.1 0.05	10.63 8.51 8.18

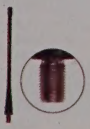
Stubby Antennas

Antenna fits GE MPA, MPD, MRK, MTL, PLS, TPX, Prism.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Length Material	Frequency (MHz) Antenna Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 93966 1 EACH	Centurion EXS-150-MD 1 yr.	3-1/2" Molded	150-162 MHz 1/4 wave	20.50 0.11 0.05	11.59 10.99 10.87

UHF, 5/16"-32 x 1/2", (HT) [380-40]

Full Length Antennas



Antenna fits Motorola HT200, HT210, HT220, MH10, MH70, MT, MT500, MX600: Uniden APH, APL, APU.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Length Material	Frequency (MHz) Antenna Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
68716 1 EACH	Centurion EXC-450-HT 1 yr.	6" Molded	450-470 MHz 1/4 Wave Whip	15.60 0.06 0.03	8.82 8.37 8.27

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^ = Field tunable to exact frequency * = Specify frequency when ordering

Antennas, Portable Two Way

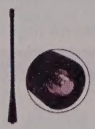
Stubby Antennas

Antenna fits Motorola HT200, HT210, HT220, MH10, MH70, MT, MT500, MX600: Uniden APH, APL, APU.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Length Material	Frequency (MHz) Antenna Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
55502 1 EACH	Centurion EXD-450-HT 1 yr.	2.5" Molded	450-470 MHz 1/4 wave Helical	16.60 0.09 0.04	9.38 8.90 8.80

UHF, 1/4"-32 x 7/32" (MX,Radius) [380-43]

Full Length Antennas



Antenna fits Motorola GP300, GP350, HT10, HT50, HT600, MT100, MX, MX300, P10, P50, P100, P200, P210, SP10, SP50, Expo, Radius Saber (with washer CAP74160): Kenwood TK230, TK240, TK250, TK270, TK290, TK330, TK340, TK350, TK360, TK370: Maxon SP2000, 2550, 2850: Midland: Wilson MH200: GE Monogram: Vertex VX500.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Length Material	Frequency (MHz) Antenna Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
69880 1 EACH	Radiall/Larsen SPWH10420 3 yr.	6" Molded	395-445 MHz 1/4 wave Whip	14.20 0.1 0.05	10.63 8.51 8.18
29074 1 EACH	Centurion EXC-420-MX 1 yr.	6" Molded	420-450 MHz 1/4 wave Whip	15.60 0.25 0.11	8.82 8.37 8.27
18273 1 EACH	Radiall/Larsen SPWH10450 3 yr.	6" Molded	425-475 MHz 1/4 wave Whip	14.20 0.1 0.05	10.63 8.51 8.18
76215 1 EACH	Antenna Specialists XPD42 1 Year	7" Molded	450-470 MHz 1/4 wave	18.15 0.08 0.04	9.40 9.02 8.91
80681 1 EACH	Centurion EXC-450-MX 1 yr.	6" Molded	450-470 MHz 1/4 wave Whip	15.60 0.05 0.02	8.82 8.37 8.27
71066 1 EACH	Centurion EXC-470-MX 1 yr.	6" Molded	470-512 MHz 1/4 wave Whip	15.60 0.05 0.02	8.82 8.37 8.27

Stubby Antennas

Antenna fits Motorola GP300, GP350, HT10, HT50, HT600, MT100, MX, MX300, P10, P50, P100, P200, P210, SP10, SP50, Expo, Radius Saber (with washer CAP74160): Kenwood TK230, TK240, TK250, TK260, TK270, TK330, TK340, TK350, TK360, TK370: Maxon SP2000, 2550, 2850: Midland: Wilson MH200: GE Monogram: Vertex VX500.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Length Material	Frequency (MHz) Antenna Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
14924 1 EACH	Radiall/Larsen SPHS10420 3 yr.	3.5" Molded	403-437 MHz 1/4 wave Helical	15.00 0.1 0.05	11.25 9.00 8.66
64884 1 EACH	Radiall/Larsen SPHS10450 3 yr.	3.5" Molded	432-468 MHz 1/4 wave Helical	15.00 0.08 0.04	11.25 9.00 8.66
80097 1 EACH	Antenna Specialists XPD52 1 Year	3" Molded	450-470 MHz 1/4 wave Helical	19.90 0.08 0.04	10.30 9.88 9.76
67467 1 EACH	Centurion EXD-450-MX 1 yr.	2" Molded	450-470 MHz 1/4 wave Helical	16.60 0.06 0.03	9.38 8.90 8.80
19743 1 EACH	Radiall/Larsen KD2-450 3 yrs.	3" Plastisol	450-470 MHz Helical	22.60 0.04 0.02	9.50 9.11 9.03

UHF, UHF Male [380-46]

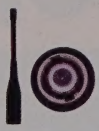
Full Length Antennas

Antenna fits any radio which accepts a UHF male conr

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Length Material	Frequency (MHz) Antenna Type	List ($) Wt. (lbs) Wgt. (kg.)
30034 1 EACH	Centurion EXC-450-PL 3 mos.	6" Molded	450-470 MHz 1/4 wave Whip	19.50 0.01 0

UHF, BNC [380-47]

Full Length Antennas



Antenna fits GE MPI, PLS, PCS: Kenwood TK100, TK20 TK210, TK220, TK300, TK310, TK320: Motorola HT44 HT90: Maxon HR, CP500, CP520, 1015: EF Johnson 57 Standard 734, 834, HR146, HX300, HX320, HX400, CI CP/CS 5015, 0420: Uniden HH979: Wilson HH152, HH HH156, HH462 , HH464.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Length Material	Frequency (MHz) Antenna Type	List ($) Wt. (lbs) Wgt. (kg.)
93810 1 EACH	Radiall/Larsen SPWH16420 3 yr.	7" Molded	395-445 MHz Covered BNC/ Whip	17.50 0.1 0.05
16584 1 EACH	Centurion EXW-400-BNX 1 yr.	4.5" Molded	400-512 MHz Covered BNC/ Broadbanded	37.00 0.08 0.04
23490 1 EACH	Radiall/Larsen KD14-406 3 yrs.	7" Plastisol	400-420 MHz 1/4 Wave Whip	27.35 0.09 0.04
42203 1 EACH	Radiall/Larsen SPWH16450 3 yr.	7" Molded	423-477 MHz Covered BNC/ Whip	17.50 0.1 0.05
77247 1 EACH	Radiall/Larsen SPWH15450 3 yr.	6" Molded	423-477 MHz 1/4 Wave Whip	17.50 0.1 0.05
65634 1 EACH	Antenna Specialists XPD31 1 Year	7" Molded	450-470 MHz 1/4 Wave Whip	19.25 0.05 0.02
48639 1 EACH	Centurion EXC-450-BNX 1 yr.	6" Molded	450-470 MHz Covered BNC/Helical	19.50 0.08 0.04
96645 1 EACH	Centurion G-450-BNC 1 yr.	8.5" PVC	450-470 1/2 Wave	34.10 0.4 0.18
61883 1 EACH	Radiall/Larsen KD14-450 3 yrs.	9" Plastisol	450-470 MHz 1/4 Wave Whip	27.35 0.43 0.2
89212 1 EACH	Radiall/Larsen SPWH16490 3 yr.	6" Molded	475-512 MHz Covered BNC/ Whip	17.50 0.06 0.03
15687 1 EACH	Radiall/Larsen SPWH15490 3 yr.	6" Molded	470-512 MHz 1/4 Wave Whip	17.50 0.1 0.05

Stubby Antennas

Antenna fits GE MPI, PLS, PCS: Kenwood TK100, TK2 TK210, TK220, TK300, TK310, TK320: Motorola HT4 HT90: Maxon HR, CP500, CP520, 1015: EF Johnson 5 Standard 734, 834, HR146, HX300, HX320, HX400, C CP/CS 5015, 0420: Uniden HH979: Wilson HH152, H HH156, HH462 , HH464 and others requiring a BNC nector.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Length Material	Frequency (MHz) Antenna Type	List ($) Wt. (lbs) Wgt. (kg.)
94996 1 EACH	Centurion EXD-400-BNX 1 yr.	2.5" Molded	400-420 MHz Covered BNC/Helical	20.50 0.1 0.05

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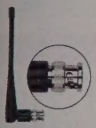
huing product table (2 of 2)

No. Uom	Manufacturer Mfg. P/N Warranty	Length Material	Frequency (MHz) Antenna Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
282 CH	Radiall/Larsen SPHS15420 3 yr.	3.5" Molded	403-437 MHz 1/4 wave Helical	18.35 0.12 0.05	13.75 11.00 10.58
475 CH	Centurion EXD-420-BNX 1 yr.	2.5" Molded	420-450 MHz Covered BNC/Helical	20.50 0.4 0.18	11.59 10.99 10.87
322 CH	Antenna Specialists XPD51 1 yr.	3" Molded	450-470 MHz 1/4 wave Helical	19.25 0.08 0.04	9.98 9.57 9.46
982 CH	Centurion EXD-450-BNX 1 yr.	3.75" Molded	450-470 MHz Covered BNC/Helical	20.50 0.4 0.18	11.59 10.99 10.87
38 CH	Radiall/Larsen KD4-450 3 yrs.	3" Plastisol	450-470 MHz Helical	28.50 0.07 0.03	12.00 11.50 11.40

ht Angle Antennas



No. om	Manufacturer Mfg. P/N Warranty	Length Material	Frequency (MHz) Antenna Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 74 CH	Centurion EXR-450-BNC 1 yr.	6-1/2" Rt. Angle Articulating	450-470 MHz 1/4 wave	29.60 0.05 0.02	16.73 15.87 15.69

UHF, TNC [380-48]

Length Antennas

Antenna fits Icom: Standard: HX241, HX340, HX341, HX440: Relm WHS150, WHS450 and others requiring TNC connector.

o. m	Manufacturer Mfg. P/N Warranty	Length Material	Frequency (MHz) Antenna Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
8 H	Radiall/Larsen SPWH18450 3 yr.	6" Molded	423-477 MHz Covered TNC/ Whip	17.50 0.1 0.05	13.13 10.50 10.10
5 H	Centurion EXC-450-TNX 1 yr.	6" Molded	450-470 MHz 1/4 Wave Whip	19.50 1 0.45	11.02 10.46 10.34

bby Antennas

Antenna fits Icom: Standard: HX241, HX340, HX341, HX440: Relm WHS150, WHS450 and others requiring a TNC connector.

. n	Manufacturer Mfg. P/N Warranty	Length Material	Frequency (MHz) Antenna Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
H	Centurion EXD-450-TNX 1 yr.	2.5" Molded	450-470 MHz Covered TNC/ Helical	20.50 0.06 0.03	11.59 10.99 10.87

UHF, M7 x 1.0, (GE MPA, MPD) [380-50]

Full Length Antennas

Antenna fits GE MPA, MPD, MRK, MTL, PLS, TPX, Prism.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Length Material	Frequency (MHz) Antenna Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
17041 1 EACH	Centurion EXC-400-MD 1 yr.	6" Molded	400-420 MHz 1/4 wave Whip	19.50 0.05 0.02	11.02 10.46 10.34
31424 1 EACH	Centurion EXC-450-MD 1 yr.	6" Molded	450-470 MHz 1/4 wave Whip	19.50 0.05 0.02	11.02 10.46 10.34

Stubby Antennas

Antenna fits GE MPA, MPD, MRK, MTL, PLS, TPX, Prism.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Length Material	Frequency (MHz) Antenna Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
55434 1 EACH	Centurion EXD-400-MD 1 year	2.5" Molded	400-420 MHz 1/4 wave Helical	20.50 0.05 0.02	11.59 10.99 10.87
75473 1 EACH	Radiall/Larsen SPHS14450 3 yr.	3.5" Molded	432-468 MHz 1/4 wave Whip	15.00 0.1 0.05	11.25 9.00 8.66
69817 1 EACH	Centurion EXD-450-MD 1 yr.	2.5" Molded	450-470 MHz 1/4 wave Helical	20.50 0.05 0.02	11.59 10.99 10.87
18210 1 EACH	Centurion EXD-470-MD 1 yr.	2.5" Molded	470-512 MHz 1/4 wave Helical	20.50 0.05 0.02	11.59 10.99 10.87

UHF, SMA [380-51]

Stubby/Full Length Antennas

Antenna fits Motorola Astro, Saber, HT1000, MT2000 or any radio requiring a SMA female connector.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Length Material	Frequency (MHz) Antenna Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
54765 1 EACH	Radiall/Larsen SPWH21450 3 yr.	6" Molded	423-477 MHz 1/4 Wave Whip	17.50 0.1 0.05	13.13 10.50 10.10
91909 1 EACH	Radiall/Larsen SPHS21450 3 yr.	3.5" Molded	432-468 MHz 1/4 wave Helical	18.35 0.1 0.05	13.75 11.00 10.58
NEW 17632 1 EACH	Centurion EXD-450-SF 1 yr.	2.5" Molded	450-470 MHz 1/4 wave Helical	20.50 1 0.45	11.59 10.99 10.87
17268 1 EACH	Centurion EXD-470-SF 1 yr.	2.5" Molded	470-512 MHz 1/4 wave Helical	20.50 0.04 0.02	11.59 10.99 10.87

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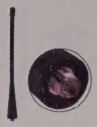
^ = Field tunable to exact frequency * = Specify frequency when ordering

Full Length Antennas



Antenna fits King Radio 800 MHz, Uniden 800 MHz, Kenwood TK280, TK290, TK390 and newer VHF/UHF radios.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Length Material	Frequency (MHz) Antenna Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
27088 I EACH	Radiall/Larsen SPWH23450 3 yr.	6" Molded	423-477 MHz 1/4 Wave Whip	17.50 0.1 0.05	13.13 10.50 10.10
43389 I EACH	Centurion EXC-450-SFU 1 yr.	6" Molded	450-470 MHz 1/4 Wave Whip	19.50 0.4 0.18	11.02 10.46 10.34

Stubby Antennas

Antenna fits King Radio 800 MHz, Uniden 800 MHz, Kenwood TK280, TK290, TK390 and newer VHF/UHF radios.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Length Material	Frequency (MHz) Antenna Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
16961 I EACH	Centurion EXD-450-SFU 1 yr.	2.5" Molded	450-470 MHz 1/4 wave Helical	20.50 1 0.45	11.59 10.99 10.87

Sable Antennas

Sable antennas feature unique industrial design with rugged capless sheath to complement today's new radios. SFU connector fits King Radio 800 MHz, Uniden 800 MHz, Kenwood TK280, TK290, TK390 and newer VHF/UHF radios. SFJ conector fits EF Johnson and Kenwood TK430.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Length Material	Frequency (MHz) Antenna Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **426391** I EACH	Centurion SXD-450-SFJ 1 yr.	3-1/2" Molded	440-470 MHz 1/4 wave Helical	22.00 0.1 0.05	12.43 11.80 11.66
NEW **74311** I EACH	Centurion SXD-450-SFU 1 yr.	3-1/2" Molded	440-470 MHz 1/4 wave Helical	22.00 0.1 0.05	12.43 11.80 11.66

806-869 MHz, M7x1.0 (GE MPA,MPD) [380-60]

Full Length Antennas

Antenna fits GE MPA, MPD, MRK, MTL, PLS, TPX, Prism.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Length Material	Frequency (MHz) Antenna Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **84786** I EACH	Centurion EXE-806-MD 1 yr.	8" Molded	800-866 MHz 1/2 wave dipole	29.20 0.06 0.03	16.50 15.66 15.48

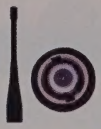
Stubby Antennas

Antenna fits GE MPA, MPD, MRK, MTL, PLS, TPX, Prism

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Length Material	Frequency (MHz) Antenna Type	List ($) Wt. (lbs) Wgt. (kg.)	T
62259 I EACH	Radiall/Larsen SPWH14832 3 yr.	3.5" Molded	782-882 MHz 1/4 Wave Whip	14.20 0.1 0.05	
93370 I EACH	Centurion EXC-806-MD 1 yr.	4" Molded	800-866 MHz 1/4 Wave Whip	19.50 0.05 0.02	
92062 I EACH	Antenna Specialists XPA79 1 Year	4.5" Molded	806-869 MHz Quarterwave	18.15 0.05 0.02	

806-866 MHz, BNC [380-61]

Full Length Antennas



Antenna fits GE MPI, PLS, PCS: Kenwood TK100, TK20 TK210, TK220, TK300, TK310, TK320: Motorola HT440 HT90: Maxon HR, CP500, CP520, 1015: EF Johnson 57 Standard 734, 834, HR146, HX300, HX320, HX400, CU CP/CS 5015, 0420: Uniden HH979: Wilson HH152, HH HH156, HH462 , HH464.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Length Material	Frequency (MHz) Antenna Type	List ($) Wt. (lbs) Wgt. (kg.)
19859 I EACH	Centurion EXG-806-BNC 1 yr.	8" Molded	800-866 MHz 5/8 wave 3 dB	49.00 0.08 0.04
41018 I EACH	Centurion EXE-806-BNX 1 yr.	8" Molded	800-866 MHz Covered BNC 1/2wave	29.20 0.25 0.11
41763 I EACH	Centurion EXC-806-BNX 1 yr.	4" Molded	800-866 MHz Covered BNC 1/4wave	19.50 0.08 0.04
88908 I EACH	Radiall/Larsen KD14-800 3 yrs	3.5" Plastisol	800-866 MHz 1/4 wave	27.35 0.08 0.04

806-866 MHz, TNC [380-62]

Full Length Antennas

Antenna fits Icom: Standard: HX241, HX340, HX341, HX440: Relm WHS150, WHS450 and others requiring connector.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Length Material	Frequency (MHz) Antenna Type	List ($) Wt. (lbs) Wgt. (kg.)
72975 I EACH	Radiall/Larsen SPWH18832 3 yr.	3.5" Molded	782-882 MHz Covered TNC/ Whip	17.50 0.1 0.05
80156 I EACH	Centurion EXC-806-TNX 1 yr.	4" Molded	800-866 MHz 1/4 Wave Whip	19.50 0.1 0.05

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806-869 MHz, SMA [380-63]

ll Length Antennas

Antennas fits Motorola Astro, Saber, HT1000, JT1000, MT2000, MTX800, MTX8000, MTX900, MTX9000, Visar.: EF Johnson Avenger SI . * SFU connector fits BK Radio 800 MHz, LPX: Uniden 800 MHz, SPS series, SPH155, SPU454 and newer VHF/UHF radios.

No. Uom	Manufacturer Mfg. P/N Warranty	Length Material	Frequency (MHz) Antenna Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
220 CH	Centurion EXE-806-SF 1 yr.	8" Molded	800-866 MHz 1/2 wave dipole	29.20 1 0.45	16.50 15.66 15.48
140 CH	Centurion EXE-806-SFU 1 yr.	8" Molded	800-866 MHz King/Uniden Conn*	29.20 0.06 0.03	16.50 15.66 15.48
W 817 CH	Centurion EXE-806-SM 1 yr.	8" Molded	800-866 MHz 1/2 wave dipole	29.20 0.05 0.02	16.50 15.66 15.48
945 CH	Centurion EXP-806-SF 1 yr.	6.5" Molded	800-866 MHz 1/2 Wave End Fed	32.90 0.05 0.02	18.59 17.64 17.44
148 CH	Antenna Specialists XPA85 1 Year	8" Molded	806-869 MHz 1/2 Coaxial	30.00 0.06 0.03	15.90 14.70 14.40

bby Antennas

Antennas fits Motorola Astro, Saber, HT1000, JT1000, MT2000, MTX800, MTX8000, MTX900, MTX9000, Visar.: EF Johnson Avenger SI . * SFU connector fits BK Radio 800 MHz, LPX: Uniden 800 MHz, SPS series, SPH155, SPU454 and newer VHF/UHF radios.

No. om	Manufacturer Mfg. P/N Warranty	Length Material	Frequency (MHz) Antenna Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
18 CH	Radiall/Larsen SPWH21832 3 yr.	3.5" Molded	782-882 MHz 1/4 wave Whip	17.50 0.1 0.05	13.13 10.50 10.10
49 CH	Centurion EXC-806-SF 1 yr.	4" Molded	800-866 MHz 1/4 wave Whip	19.50 0.05 0.02	11.02 10.46 10.34
W 53 CH	Centurion EXC-806-SM 1 yr.	4" Molded	800-866 MHz 1/4 wave whip	19.50 0.08 0.04	11.02 10.46 10.34
10 CH	Centurion EXC-806-SFU 1 yr.	4" Molded	800-866 MHz King/Uniden Conn*	19.50 0.05 0.02	11.02 10.46 10.34
12 CH	Centurion EXS-806-SF 1 yr.	2.25" Molded	800-866 MHz 1/4 wave Helical	20.50 0.05 0.02	11.59 10.99 10.87
12 CH	Centurion EXS-806-SFU 1 yr.	2.25" Molded	800-866 MHz King/Uniden Conn*	20.50 1 0.45	11.59 10.99 10.87
29 CH	Antenna Specialists XPA75 1 Year	4.5" Molded	806-869 MHz 1/4 wave	19.25 0.05 0.02	10.21 9.44 9.24
V 55 H	Radiall/Larsen SPWH24832 3 yr.	3" Molded	782-882 MHz 1/4 wave Whip	17.50 0.1 0.05	13.13 10.50 10.10
50 H	Radiall/Larsen SPHS24832 3 yr.	2.75" Molded	800-864 MHz 1/4 wave Helical - short	18.35 0.1 0.05	13.75 11.00 10.58

Special Purpose [380-75]

Tunable Quarterwave-UHF Male

18892

Antenna fits radios requiring a UHF male connector.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Length Material	Frequency (MHz) Antenna Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
18892 1 EACH	Radiall/Larsen PQ 3 yrs.	24" Chrome	136-512 MHz Quarterwave	20.00 0.15 0.07	11.80 11.40 11.00

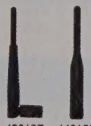
Tunable Quarterwave-BNC Male

78120

Antenna fits radios requiring a BNC male connector.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Length Material	Frequency (MHz) Antenna Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
78120 1 EACH	Radiall/Larsen BNCQ 3 yrs.	23" Chrome	136-512 MHz Quarterwave	26.15 0.1 0.05	11.00 10.54 10.45

2.4 GHZ/ ISM Portable Antennas



490127 440152

Antennas for ISM/ Wireless Data. SMA or TNC connectors.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Length Material	Frequency (MHz) Antenna Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
462161 1 EACH	Astron Wireless Tech. AXH24SM 2 yrs.	6.5" Molded	2.4 GHz 1/2 wave/SMA conn.	16.00 0.1 0.05	13.76 12.80 12.10
490127 1 EACH	Astron Wireless Tech. AXH24SM-A 2 yrs.	7" Rt. Angle Articulating	2.4 GHz 1/2 wave/SMA conn.	16.50 0.1 0.05	14.19 13.20 12.48
NEW 422160 1 EACH	Astron Wireless Tech. AXH24RPTM-A 2 yrs.	7" Rt. Angle Articulating	2.4 GHz 1/2 wave/Rev.Pol. TNC conn.	16.50 0.1 0.05	14.19 13.20 12.48
NEW 11046 1 EACH	Centurion EXR-2400-TNSP 2 yrs.	6" Rt. Angle Articulating	2.4 GHz 1/4 wave/Rev. Pol. TNC conn.	41.50 0.05 0.02	23.45 22.25 22.00
NEW 428107 1 EACH	Astron Wireless Tech. AXQ24RPTMA 2 yrs.	4.5" Rt. Angle Articulating	2.4 GHz 1/4 wave/Rev.Pol. TNC conn.	15.50 0.1 0.05	13.33 12.40 11.72
NEW 480309 1 EACH	Radiall/Larsen SPDA242400 3 yrs.	6" Molded	2.4 GHz Center fed/SMA conn	20.00 0.1 0.05	15.00 12.00 11.54
NEW 482318 1 EACH	Radiall/Larsen SPDP242400 3 yrs.	3.5" Rt. Angle	2.4 GHz 1/2 wave/SMA conn	13.10 0.1 0.05	9.81 7.85 7.55
NEW 460342 1 EACH	Radiall/Larsen SPDA24RP2400 3 yrs.	6" Molded	2.4 GHz Center fed/Rev. pol. SMA conn	20.00 0.1 0.05	15.00 12.00 11.54
NEW 411361 1 EACH	Radiall/Larsen SPDA24RT2400 3 yrs.	6" Molded	2.4 GHz Center fed/Rev. thread SMA conn	20.00 0.1 0.05	15.00 12.00 11.54
NEW 430370 1 EACH	Radiall/Larsen SPDA172400 3 yrs.	6" Rt. Angle	2.4 GHz Center fed/TNC conn	20.00 0.1 0.05	15.00 12.00 11.54

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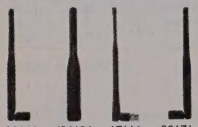
Antennas, Portable Two Way

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Length Material	Frequency (MHz) Antenna Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 439346 1 EACH	Radiall/Larsen SPDA17RP2400 3 yrs.	6" Rt. Angle	2.4 GHz Center fed/Rev. pol. TNC conn	20.00 0.1 0.05	15.00 12.00 11.54
NEW 440347 1 EACH	Radiall/Larsen SPDA17RT2400 3 yrs.	6" Rt. Angle	2.4 GHz Center fed/Rev. thread TNC conn	20.00 0.1 0.05	15.00 12.00 11.54
43378 1 EACH	Maxrad, Inc MPA2450C 2 yrs.	4.3" Molded	2.4 GHz 1/2 wave/TNC conn.	30.25 0.1 0.05	15.73 14.68 14.16
68923 1 EACH	Maxrad, Inc MHWS2400C 2 yrs.	7" Rt. Angle Articulating	2.4 GHz 1/2 wave/TNC conn	47.80 0.1 0.05	24.84 23.17 22.36
30530 1 EACH	Maxrad, Inc MHW2400C 2 yrs.	7" Molded	2.4 GHz 1/2 wave/TNC conn.	29.20 0.1 0.05	15.19 14.17 13.67
82137 1 EACH	Maxrad, Inc MHW2400MSMA 2 yrs.	5.3" Molded	2.4 GHz 1/2 wave/SMA conn.	29.20 0.1 0.05	15.19 14.17 13.67
95351 1 EACH	Maxrad, Inc MQW2400SM 2 yrs.	2.5" Molded	2.4 GHz 1/4 wave/SMA conn.	16.90 0.1 0.05	8.77 8.18 7.89
440152 1 EACH	Astron Wireless Tech. AXQ24SM 2 yrs.	4.5" Molded	2.4 GHz 1/4 wave/SMA conn.	15.00 0.1 0.05	12.90 12.00 11.34
482177 1 EACH	Astron Wireless Tech. AXQ24SM-A 2 yrs.	5" Rt. Angle Articulating	2.4 GHz 1/4 wave/SMA conn.	15.50 0.1 0.05	13.33 12.40 11.72

Portable/ Terminal Antennas



29166 426126 17116 29171

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Length Material	Frequency (MHz) Antenna Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
437175 1 EACH	Astron Wireless Tech. AXH8SM 2 yrs.	6" Molded	824-896 MHz 1/2-wave/SMA conn.	15.00 0.1 0.05	12.90 12.00 11.34
NEW 29166 1 EACH	Radiall/Larsen SPDA15832 3 yrs.	8" Rt. Angle Articulating	824-894 MHz Center fed/BNC conn.	20.00 0.08 0.04	15.00 12.00 11.54
29170 1 EACH	Radiall/Larsen SPDA17832 3 yrs.	8" Rt. Angle Articulating	824-894 MHz Center fed/TNC conn.	20.00 0.43 0.2	15.00 12.00 11.54
426126 1 EACH	Astron Wireless Tech. AXQ8SM-31 2 yrs.	3.5" Molded	824-896 MHz 1/4-wave/SMA conn.	14.00 0.1 0.05	12.04 11.20 10.59
435181 1 EACH	Astron Wireless Tech. AXH92SMT 2 yrs.	6" Molded	902-928 MHz 1/2 wave/SMA conn.	14.50 0.1 0.05	12.47 11.60 10.97
438133 1 EACH	Astron Wireless Tech. AXH92SM-A 2 yrs.	7.5" Rt. Angle Articulating	902-928 MHz 1/2 wave/SMA conn.	15.00 0.1 0.05	12.90 12.00 11.34
487151 1 EACH	Astron Wireless Tech. AXQ92SM-31 2 yrs.	3" Molded	902-928 MHz 1/4wave/SMA conn.	14.00 0.1 0.05	12.04 11.20 10.59
NEW 17116 1 EACH	Centurion EXR-902-TN 1 yr.	9" Rt. Angle Articulating	902-960 MHz 1/2 wave/TNC conn	29.60 0.05 0.02	16.73 15.87 15.69
NEW 421328 1 EACH	Radiall/Larsen SPDA24918 3 yrs.	8" Rt. Angle Articulating	890-960 MHz Center fed/SMA M conn.	20.00 0.05 0.02	15.00 12.00 11.54
NEW 469379 1 EACH	Radiall/Larsen SPDA24RP918 3 yrs.	8" Rt. Angle Articulating	890-960 MHz Center fed/SMA M RP conn.	20.00 0.05 0.02	15.00 12.00 11.54
NEW 421387 1 EACH	Radiall/Larsen SPDA24RT918 3 yrs.	8" Rt. Angle Articulating	890-960 MHz Center fed/SMA M RT conn.	20.00 0.05 0.02	15.00 12.00 11.54
NEW 415342 1 EACH	Radiall/Larsen SPDA17RP918 3 yrs.	8" Rt. Angle Articulating	890-960 MHz Center fed/TNC RP conn.	20.00 0.05 0.02	15.00 12.00 11.54

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Length Material	Frequency (MHz) Antenna Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW 29171 1 EACH	Radiall/Larsen SPDA17RT918 3 yrs.	8" Rt. Angle Articulating	890-960 MHz Center fed/TNC RT conn.	20.00 0.05 0.02	15. 12. 11.
NEW 415384 1 EACH	Radiall/Larsen SPDA241800 3 yrs.	6.5" Molded	1710-1850 MHz Center fed/SMA conn.	20.00 0.43 0.2	15. 12. 11.
NEW 454332 1 EACH	Radiall/Larsen SPDA171800 3 yrs.	6.5" Rt. Angle Articulating	1710-1850 MHz Center fed/TNC conn.	20.00 0.43 0.2	15. 12. 11.
NEW 458362 1 EACH	Radiall/Larsen SPDA241900 3 yrs.	6.5" Molded	1850-1990 MHz Center fed/SMA conn.	20.00 0.43 0.2	15. 12. 11.
NEW 432324 1 EACH	Radiall/Larsen SPDA171900 3 yrs.	6.5" Rt. Angle Articulating	1850-1990 MHz Center fed/TNC conn.	20.00 0.43 0.2	15 12 11

^ = Field tunable to exact frequency * = Specify frequency when ordering

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PCS and Dual Band Cellular Antennas [361-10]

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Dual band concealed glass mount antenna. Attaches to the vehicles interior windshield. Includes 15' cable and connector.

No. om	Manufacturer Mfg. P/N Warranty	Mount Type Connector\ Cable	Gain (dBd) Cell/PCS, Frequency (MHz) Whip Length (In.), Whip Color/ Material Maximum Power (Watts)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
38 CH	Andrew Wireless 5400 Lifetime	Interior Glass Mount TNC 15' RG-174	Unity PCS/CELL .25" Black 60	22.40 0.72 0.33	15.68 14.12 13.89
11 CH	Andrew Wireless 5405 Lifetime	Interior Glass Mount M/U 15' RG-174	Unity PCS/CELL .38" Black 60	22.40 0.72 0.33	15.68 14.12 13.89
7 CH	Andrew Wireless 5409 Lifetime	Interior Glass Mount FME 15' RG-58	Unity PCS/CELL .38" Black 60	24.20 0.44 0.2	16.94 15.25 15.01

DM5920U

Dual band cellular/ PCS inside glass mount antenna. Sleek appearance blends into the vehicle's interior. Simply mount on windshield using Normount Z500m tape. Order FME adapter separately.

o. m	Manufacturer Mfg. P/N Warranty	Mount Type Connector\ Cable	Gain (dBd) Cell/PCS, Frequency (MHz) Whip Length (In.), Whip Color/ Material Maximum Power (Watts)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
/ 74 H	Antenna Specialists APDM5920U Lifetime	Inside Mount On-Glass FME/F 10' RG174/U	Unity .5" x 5.9" Black 10	20.00 0.25 0.11	10.92 9.90 9.60

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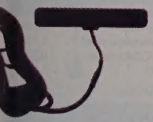

Concealed dual band bowtie patch antenna for AMPS/PCS and GSM/PCN. Small and inconspicuous (5.5" x .9" x .150") it attaches to the vehicles interior windshield. Includes 15' cable and connector.

n	Manufacturer Mfg. P/N Warranty	Mount Type Connector\ Cable	Gain (dBd) Cell/PCS, Frequency (MHz) Whip Length (In.), Whip Color/ Material Maximum Power (Watts)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
3	Andrew Wireless 5450 Lifetime	Interior Glass Mount TNC 15' RG-58A/U	Unity PCS/ CELL 5.5" Black 20	27.50 0.72 0.33	19.25 17.33 17.05
0	Andrew Wireless 5455 Lifetime	Interior Glass Mount Mini-UHF 15' RG-58A/U	Unity 824-1990 5.5" Black 20	37.45 0.45 0.2	26.21 23.59 23.22
3	Andrew Wireless 5459 Lifetime	Interior Glass Mount FME 15' RG-58A/U	Unity 824-1990 5.5" Black 20	37.45 0.43 0.2	26.21 23.59 23.22

A11382B

438155

Dual band black antenna for 800/1800MHz bands providing unity gain on both bands. ABS base with gold-plated spring-loaded contact. Mates with standard Motorola style mounts.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector\ Cable	Gain (dBd) Cell/PCS, Frequency (MHz) Whip Length (In.), Whip Color/ Material Maximum Power (Watts)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
438155 1 EACH	Comtelco A11382B 2 years	Order separately from Motorola style mounts	Unity 806-1970 4 Black Stainless Steel 200	32.50 1 0.45	14.18 13.13 13.00

MSC/P3U

Dual band PCS 1850-1990 MHz 0dB/ Cellular 824-896 MHz 3dB 2" base mini magnet antenna.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector\ Cable	Gain (dBd) Cell/PCS, Frequency (MHz) Whip Length (In.), Whip Color/ Material Maximum Power (Watts)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
88672 1 EACH	Radiall/Larsen MSC/P3UFME 1 Year	Magnetic Mount FME 12' RG-58A/U dual shield	0/3 PCS/CELL 7" Black 7	61.70 1 0.45	36.39 35.16 33.92
NEW 428387 1 EACH	Radiall/Larsen MSC/P3USMA 1 Year	Magnetic Mount SMA 12' RG-58A/U dual shield	0/3 PCS/CELL 7" Black 7	62.35 1 0.45	36.79 35.54 34.29

BMMG-19000C

PCS mini-mag mount unity gain, 1/4 wave antenna. Includes 12ft of cable and connector.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector\ Cable	Gain (dBd) Cell/PCS, Frequency (MHz) Whip Length (In.), Whip Color/ Material Maximum Power (Watts)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
96035 1 EACH	Maxrad, Inc BMMG-19000C 2 Years	Magnetic Mount TNC 12' RG174	Unity PCS 1.5" Black Stainless Steel 8 Watts	38.65 0.2 0.09	20.10 18.75 18.09

IMAG0-1900

PCS 0 dBd magnet mount antenna with integral ground plane and low loss cable.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector\ Cable	Gain (dBd) Cell/PCS, Frequency (MHz) Whip Length (In.), Whip Color/ Material Maximum Power (Watts)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
69997 1 EACH	Mobile Mark, Inc. IMAG0-1900T 2 Years	Magnetic Mount TNC 10' LMR240	Unity PCS 2 Chrome Stainless Steel 10	94.35 2.5 1.14	39.44 38.42 37.74

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MCA2001 Stamphandle

24904

Dual Band Roof Mount Stamphandle Antenna. Includes 15' of low loss cable, mount and Mini-UHF connector.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector1 Cable	Gain (dBd) Cell/PCS, Frequency (MHz) Whip Length (In.), Whip Color/ Material Maximum Power (Watts)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
24904 1 EACH	Hirschmann 927902-016 1 Year	Roof Mini-UHF 16' RG58	Unity PCS/ CELL 4" Stamphandle Radiator Poly-carbonate Plastic over G4 Fiber-glass Circuit Board 20	40.60 0.84 0.38	24.34 21.91 21.70

ASPM1954T

41596

PCS magnet mount antenna. Low profile with a sleek look and a small powerful magnet.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector1 Cable	Gain (dBd) Cell/PCS, Frequency (MHz) Whip Length (In.), Whip Color/ Material Maximum Power (Watts)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
41596 1 EACH	Antenna Specialists ASPM1954T Lifetime	Magnetic Mount TNC 15' Proflex +	3 PCS 7" Black 25	51.25 1.25 0.57	27.17 25.12 24.60

ASPRDM1994

Dual band PCS 1850-1990 MHz 3 dBd / Cellular 824-894 MHz 3 dBd magnet mount antenna. Includes 15' Pro-Flex Plus double shield low loss cable with choice of connector.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector1 Cable	Gain (dBd) Cell/PCS, Frequency (MHz) Whip Length (In.), Whip Color/ Material Maximum Power (Watts)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
59545 1 EACH	Antenna Specialists ASPRDM1994M Lifetime	Magnetic Mount M/U 15' Proflex+	3/3 PCS/CELL 14.1 Black 10	50.00 1 0.45	26.50 24.50 24.00
97938 1 EACH	Antenna Specialists ASPRDM1994T Lifetime	Magnetic Mount TNC 15' Proflex+	3/3 PCS/CELL 14.1 Black 10	50.00 1 0.45	26.50 24.50 24.00
22869 1 EACH	Antenna Specialists ASPRDM1994U Lifetime	Magnetic Mount FME 15' Proflex+	3/3 PCS/CELL 14.1 Black 10	50.00 1 0.45	26.50 24.50 24.00
NEW 63780 1 EACH	Antenna Specialists ASPRDM1994N Lifetime	Magnetic Mount N 15' Proflex+	3/3 PCS/CELL 14.1 Black 10	56.25 1 0.45	29.82 27.57 27.00
NEW 494322 1 EACH	Antenna Specialists ASPRDM1994S Lifetime	Magnetic Mount SMA 15' Proflex+	3/3 PCS/CELL 14.1 Black 10	64.40 1 0.45	34.13 31.55 30.91

APDM927

Dual band 3 dB Cellular/ 0 dB PCS On-Glass ante
Smaller flexible footprint provides visual impact a
adheres better to curved glass. Includes 15' Pro-F
Plus double shield low loss cable with choice of co
tor.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector1 Cable	Gain (dBd) Cell/PCS, Frequency (MHz) Whip Length (In.), Whip Color/ Material Maximum Power (Watts)	List ($) Wt. (lbs) Wgt. (kg.)	T
89393 1 EACH	Antenna Specialists APDM927U Lifetime	On-Glass FME/F 15' Proflex+	3/0 PCS/CELL 14.1 Black 2-element array col-linear 10	40.50 0.75 0.34	2 2 1
89424 1 EACH	Antenna Specialists APDM927T Lifetime	On-Glass TNC 15' Proflex+	3/0 PCS/CELL 14.1 Black 2-element array col-linear 10	40.50 1.5 0.68	2 2 1
89411 1 EACH	Antenna Specialists APDM927M Lifetime	On-Glass MiniU 15' Proflex+	3/0 PCS/CELL 14.1 Black 2-element array col-linear 10	40.50 0.74 0.34	2 2 1

APDM928

Dual band precision engineered 3 dB PCS 1850-1
MHz and cellular 824- 896 MHz On-Glass antenn
Smaller footprint for minimal visual obstruction, e
fits between defogger wires. The improved design
ble foot adheres better to curved glass surfaces. A
ented coupling box provides maximum efficiency
PRO-FLEX PLUS cable minimizes loss.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector1 Cable	Gain (dBd) Cell/PCS, Frequency (MHz) Whip Length (In.), Whip Color/ Material Maximum Power (Watts)	List ($) Wt. (lbs) Wgt. (kg.)	T
411089 1 EACH	Antenna Specialists APDM928M Lifetime	On-Glass M/U 15' Proflex+	3/3 PCS/CELL 14 300 series stainless steel, black DURA-COAT finish 10	50.00 0.73 0.33	2 2 2
421049 1 EACH	Antenna Specialists APDM928U Lifetime	On-Glass FME 15' Proflex+	3/3 PCS/CELL 14 300 series stainless steel, black DURA-COAT finish 10	50.00 0.75 0.34	2 2 2
471055 1 EACH	Antenna Specialists APDM928T Lifetime	On-Glass TNC 15' Proflex+	3/3 PCS/CELL 14 300 series stainless steel, black DURA-COAT finish 10	50.00 0.74 0.34	2 2 2

APDM928.1

Dual band precision engineered unity gain PCS 18
1990 MHz and cellular 824- 896 MHz On-Glass
antenna. Smaller footprint for minimal visual obst
tion, easily fits between defogger wires. The impro
design flexible foot adheres better to curved glas
faces. A patented coupling box provides maximum
ciency while PRO-FLEX PLUS cable minimizes los

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector1 Cable	Gain (dBd) Cell/PCS, Frequency (MHz) Whip Length (In.), Whip Color/ Material Maximum Power (Watts)	List ($) Wt. (lbs) Wgt. (kg.)	T
NEW 429111 1 EACH	Antenna Specialists APDM928.1M Lifetime	On-Glass M/U 15' Proflex+	Unity PCS/CELL 4" Plastic with brass insert 10	57.50 0.73 0.33	3 2 2

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No. Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector1 Cable	Gain (dBd) Cell/PCS, Frequency (MHz) Whip Length (In.), Whip Color/ Material Maximum Power (Watts)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 117 CH	Antenna Specialists APDM928.1U Lifetime	On-Glass FME 15' Proflex+	Unity PCS/CELL 4" Plastic with brass insert 10	57.50 0.75 0.34	31.39 28.46 27.59
EW 192 CH	Antenna Specialists APDM928.1T Lifetime	On-Glass TNC 15' Proflex+	Unity PCS/CELL 4" Plastic with brass insert 10	57.50 1.5 0.68	31.39 28.46 27.59

PDM1960

Dual band PCS 1850-1990 MHz 3 dB/ Cellular 824-894 MHz 3 dB 3/4" hole roof mount antenna. True 3dB operation at both frequency bands. Ideal for hands-free car kits.

No. Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector1 Cable	Gain (dBd) Cell/PCS, Frequency (MHz) Whip Length (In.), Whip Color/ Material Maximum Power (Watts)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
66 CH	Antenna Specialists ASPDM1960M Lifetime	3/4" hole mount MiniU 17' Proflex+	3/3 PCS/CELL 14.1 Black 302 Stainless Steel 10	61.90 0.91 0.41	32.80 30.32 29.70
59 CH	Antenna Specialists ASPDM1960T Lifetime	3/4" hole mount TNC 17' Proflex+	3/3 PCS/CELL 14.1 Black 302 Stainless Steel 10	61.90 1 0.45	32.80 30.32 29.70
52 CH	Antenna Specialists ASPDM1960U Lifetime	3/4" hole mount FME 17' Proflex+	3/3 PCS/CELL 14.1 Black 302 Stainless Steel 10	61.90 0.89 0.4	32.80 30.32 29.70

PDM1960

Dual band PCS 1850-1990 MHz 3 dB/ Cellular 824-894 MHz 3 dB 3/4" hole roof mount antenna only. Order A.S. 3/4" hole mount with male/ female contact separately (KE166 Series).

o. m	Manufacturer Mfg. P/N Warranty	Mount Type Connector1 Cable	Gain (dBd) Cell/PCS, Frequency (MHz) Whip Length (In.), Whip Color/ Material Maximum Pawer (Watts)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
7 H	Antenna Specialists ASPDM1965 Lifetime	Roof Mount sold separately (KE166)	3/3 PCS/CELL 14.1 Black 302 Stainless Steel 10	33.75 0.3 0.14	17.89 16.54 16.20

ON-2C/P

Dual band 3 dB cellular/2 dB PCS glass mount antenna. Small footprint, low sleek profile, highly flexible enclosed coil radiator.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector1 Cable	Gain (dBd) Cell/PCS, Frequency (MHz) Whip Length (In.), Whip Color/ Material Maximum Power (Watts)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
473068 1 EACH	Hirschmann 927913-966 1 Year	Glass Mount 18' RG58	3/2 PCS/CELL 13.5" Black Stainless Steel 20	43.35 0.59 0.27	26.01 23.41 23.20

MMC/P3E

Dual band PCS 1850-1990 MHz 3 dB/ Cellular 824-896 MHz 3 dB magnet mount antenna.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector1 Cable	Gain (dBd) Cell/PCS, Frequency (MHz) Whip Length (In.), Whip Color/ Material Maximum Power (Watts)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
10938 1 EACH	Radiall/Larsen MMC/P3EMPL 1 Year	Magnetic Mount Mini-UHF 12' RG58A/U dual shield	3/3 PCS/CELL 13" Black 7	66.70 1.5 0.68	39.34 38.01 36.67
20354 1 EACH	Radiall/Larsen MMC/P3ETNC 1 Year	Magnetic Mount TNC 12' RG58A/U dual shield	3/3 PCS/CELL 13" Black 7	66.70 1.5 0.68	39.34 38.01 36.67
58764 1 EACH	Radiall/Larsen MMC/P3EFME 1 Year	Magnetic Mount FME 12' RG58A/U dual shield	3/3 PCS/CELL 13" Black 7	66.70 1.5 0.68	39.34 38.01 36.67

KGCP3

Dual band 824-896 MHz 3 dB Cellular AND 1850-1990 MHz 3 dB PCS glass mount antenna with efficient through-glass transfer, precision circuitry design and premium dual shield coax cable.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector1 Cable	Gain (dBd) Cell/PCS, Frequency (MHz) Whip Length (In.), Whip Color/ Material Maximum Power (Watts)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
68580 1 EACH	Radiall/Larsen KGCP3EUDFME Lifetime	Glass Mount FME female 14' RG-58/U DS	3/3 824-1990 13 Black Stainless Steel N/A	73.50 0.75 0.34	34.92 33.08 29.40
81794 1 EACH	Radiall/Larsen KGCP3EUDMPL Lifetime	Glass Mount Mini UHF 14' RG-58/U DS	3/3 824-1990 13 Black Stainless Steel N/A	73.50 0.75 0.34	34.92 33.08 29.40

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MCA819 Patch

497024

Hirschman Dual-Band glass Mounted Mini-Patch antenna measures 2.25" in diameter and includes 8' of cable.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector1 Cable	Gain (dBd) Cell/PCS, Frequency (MHz) Whip Length (In.), Whip Color/ Material Maximum Power (Watts)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
497024 1 EACH	Hirschmann 927317-901 1 Year	Double Sided Adhesive for mounting on interior auto glass TNC,FME,Mini-UHF 8' Low Loss	Unity 824-1990 2.25" Dia. Polycarbonate Plastic over G4 Fiberglass Circuit Board 20	21.15 0.3 0.14	12.67 11.40 11.30

MCA 18 90 OG

Hirschmann dual band glass mount antenna provides cellular and PCS coverage with short, inconspicuous whip.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector1 Cable	Gain (dBd) Cell/PCS, Frequency (MHz) Whip Length (In.), Whip Color/ Material Maximum Power (Watts)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 431341 1 EACH	Hirschmann 927310-901 1 Year	Glass Mount FME,Mini-UHF,TNC 16' RG58	Unity 806-1990 3.74 Black 20	29.80 0.3 0.14	17.87 16.09 15.94

MLPV

51486 62326

Low Profile Vertical antennas provide superior pattern coverage. Patent pending design provides wideband performance (800 MHz) and reliability. Ground plane is required.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector1 Cable	Gain (dBd) Cell/PCS, Frequency (MHz) Whip Length (In.), Whip Color/ Material Maximum Power (Watts)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
51486 1 EACH	Maxrad, Inc MLPV1700 2 Years	Order Motorola style mount separately	2 1700-2500 1.8" Black 150	40.00 0.91 0.41	20.00 19.20 18.80
62326 1 EACH	Maxrad, Inc WMLPV1700 2 Years	Order Motorola style mount separately	2 1700-2500 1.8" Black 150	40.00 0.91 0.41	20.00 19.20 18.80

CELDUAL

Dual band cellular/PCS marine antenna. The CELDUAL-2 features the same rugged construction as all other AC Marine antennas. Includes N240F mounting nut.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector1 Cable	Gain (dBd) Cell/PCS, Frequency (MHz) Whip Length (In.), Whip Color/ Material Maximum Power (Watts)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 445107 1 EACH	AC Marine A/S CELDUAL-2 1 year	Order separately Order separately	Unity CELL/PCS 17" White 10	133.00 0.7 0.32	82.46 76.48 74.48

ARC-00002 Freedom

420389

The ARC Freedom universal antenna provides superior omni-directi coverage in the 800 MHz to 3 GHz range with gain above 3 dBi. It is i for use in cellular, GSM, PCS, and ISM/Bluetooth systems in your veh home, or office.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector1 Cable	Gain (dBd) Cell/PCS, Frequency (MHz) Whip Length (In.), Whip Color/ Material Maximum Power (Watts)	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW 420389 1 EACH	ARC Wireless Solutions ARC-00002 15 Mo	Suction cup TNC 3' LMR100 equivalent	1 800-3000 Grey Less then 1 watt input.	73.65 0.3 0.14	34. 29. 29.

MM3-900/1900

Cellular/PCS Mini-Mark glass mount antenna uses a pater current-fed design which provides efficient through-glass pling and excellent impedance matching. 3 1/2" whip with diameter ABS plastic foot can be mounted on the front v shield, closer to the phone so less cable is used and wirir simpler.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector1 Cable	Gain (dBd) Cell/PCS, Frequency (MHz) Whip Length (In.), Whip Color/ Material Maximum Power (Watts)	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
473071 1 EACH	Mobile Mark, Inc. MM3-900/1900 MU 2 Years	Glass mount M/U 15' RG-58U	3/0 PCS/CELL 3.5 Black 35	58.70 0.5 0.23	24. 23. 23.
436021 1 EACH	Mobile Mark, Inc. MM3-900/1900 TNC 2 Years	Glass mount TNC 15' RG-58U	3/0 PCS/CELL 3.5 Black 35	58.70 0.55 0.25	24. 23. 23.

Hirschmann Slim Patch Antenna

Hirschmann Slim Patch Antenna mounts to the interior g for concealled applications. 4" long x 1" wide patch cove both Cellular and PCS frequencies.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector1 Cable	Gain (dBd) Cell/PCS, Frequency (MHz) Whip Length (In.), Whip Color/ Material Maximum Power (Watts)	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
464083 1 EACH	Hirschmann 927311-901 1 Year	Interior Glass TNC,FME,Mini-UHF 8' Low Loss	Unity 824-1990 1.0" wide x 4.0" long Polycarbonate 20	21.15 1 0.45	12 11 11

NEW = New Listing. Pricing for reference See TESSCO.com for latest pricing and pro
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Cellular Quarterwave, Antenna Only [362-28]

If you are buying these, you may need:

Power Meters. . . . . .page 1421
Antenna Testers, SWR Meters. . . . . .page 1419

irschmann Unity Globe Antenna

Stainless steel 2" radiator covers a frequency range of 800-1000 MHz and features double ring "globe" construction with a folded dipole design. Antenna mount, cable and connector must be ordered separately. See European style mounts, group 365/60.

No. Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector	Whip Color/Material	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
745 CH	Hirschmann MCA 3129 1 Year	Order separately	Black Stainless steel	12.00 0.05 0.02	7.20 6.48 6.42

rschmann Unity Gain Antenna Only

Black 1 1/4" antenna covers the 806-960 MHz band. Brass radiator takes a folded dipole design and stamp handle shape. Mount, cable and connector must be ordered separately. See European style mounts, group 365/60.

No. Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector	Whip Color/Material	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
10 CH	Hirschmann 927903-145 1 Year	Order separately	Brass w/black finish	13.00 0.1 0.05	7.80 7.02 6.96

rschmann Unity Gain Antenna

Quarterwave 2" spike antenna operates in the 800-960 MHz range and is constructed of stainless steel. Mount, cable, and connector must be ordered separately. See European style mounts, group 365/60.

No. Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector	Whip Color/Material	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
59 CH	Hirschmann MCA 3127 1 Year	Order separately	Black Stainless steel	18.25 0.06 0.03	10.95 9.86 9.77

Larsen Unity Gain Antenna Only

Quarterwave radiator covers a frequency range of 825-896 MHz. 4" whip is treated in the Kulrod plating process, enhancing conductivity and protecting against corrosives. A mount, cable, and connector must be ordered separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector	Whip Color/Material	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
52814 1 EACH	Radiall/Larsen NMOQSPEC825B 3 years	Order separately from Motorola style mounts	Black "Kulrod" 17-7Ph Stainless steel	13.35 0.11 0.05	7.87 7.60 7.34

Maxrad Unity Gain Antenna Only

3.2" radiator operates in the 806-896 MHz band. No rod cutting is required. A mount, cable and connector must be ordered separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector	Whip Color/Material	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
64199 1 EACH	Maxrad, Inc BMUF8000 2 Years	Order separately from Motorola style mounts	Black Stainless steel	14.10 0.11 0.05	7.05 6.77 6.63
70969 1 EACH	Maxrad, Inc MUF8000 2 Years	Order separately from Motorola style mounts	Chrome Stainless Steel	7.85 0.11 0.05	3.92 3.77 3.69

Plus Unity Gain Antenna

4" radiator operates in the 806-896 MHz band. Designed for Motorola-style mounts. Features chrome-plate brass nut and spring loaded contact. Mount, cable and connector must be ordered separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector	Whip Color/Material	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
64487 1 EACH	Plus A1281A-06 1 Year	Order separately from Motorola style mounts	Chrome Stainless steel	7.10 0.11 0.05	3.39 3.06 2.83

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Cellular Gain, Antenna Only [362-30]

If you are buying these, you may need:

Power Meters.....page 1421
Antenna Testers, SWR Meters.....page 1419

Antenna Specialists 3dB Antenna

"Chrome Dome" 3dB cellular antenna. Includes heavy duty .072 dia. whip set in shock absorbing rubber inset. Order Motorola/NMO style mount separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector	Whip Color/Material	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
17699 1 EACH	Antenna Specialists ASPRD1985 Lifetime	Order separately from Motorola style mounts	Chrome Stainless steel	16.50 1 0.45	8.34 8.21 8.11

Antenna Specialists 3dB Antenna

14" antenna covers the 824-896 MHz band with 3 dB gain. Features 5/8 over 1/4 wave open coil DURA-COATED whip. Mount, cable and connector must be ordered separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector	Whip Color/Material	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
52348 1 EACH	Antenna Specialists ASPD1865 Lifetime	Order Male/Female contact (K-166) Separately	Black Stainless steel	23.75 0.56 0.25	12.59 11.64 11.40

Antenex 3dB Gain Antenna

A .100 polished whip, tough molded ABS mounting base and a stylish design make this antenna a great choice for cellular installations. The antenna covers the cellular band and can also be tuned to the trunked radio portion of the band with a simple adjustment of the whip. Order ANTENEX mount, cable and connector separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector	Whip Color/Material	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
17741 1 EACH	Antenex AB8063 2 Years	Order separately from Motorola style mounts	Black Stainless steel	36.05 0.59 0.27	20.77 17.27 16.15
69348 1 EACH	Antenex A8063 2 Years	Order separately from Motorola style mounts	Chrome Stainless steel	23.20 0.18 0.08	13.36 11.11 10.39

Antenex 3dB Gain Antenna

A flexible whip and a stacked 5/8 over a 1/4 wave n this antenna a great choice for vans and other vehi with limited headroom. The antenna covers the cel band from 825-896 MHz. ANTENEX 3/4" hole mou cable and connector must be ordered separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector	Whip Color/Material	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
44169 1 EACH	Antenex QWB8253 2 Years	Order separately from Motorola style mounts	Black Stainless steel	19.25 0.25 0.11	11 9. 8.
95776 1 EACH	Antenex QW8253 2 Years	Order separately from Motorola style mounts	Chrome Stainless steel	12.75 0.25 0.11	7. 6. 5.

Antenex 3.5dB Gain Antenna

17" 3.5 dB gain antenna features a 5/8 over 1/4 wav design, quiet closed phasing coil, molded ABS moun base, spring loaded plated contact and insert welde brass thread ring. Antenna can be adjusted to trunk radio operation with the allen key and instructions vided.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector	Whip Color/Material	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
48640 1 EACH	Antenex AB8063C 2 Years	Order separately from Motorola style mounts	Black Stainless steel	40.70 0.22 0.1	23 19 18

Cascade 3dB Gain Antenna Only

14" collinear antennas provide 3 dB of gain over a quency range of 825-896 MHz. Features a spring lo contact for low noise. Motorola-style mount, cable connector must be ordered separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector	Whip Color/Material	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
26136 1 EACH	Wireless Solutions TCA8003AB 1 Year	Order separately from Motorola style mounts	Black Stainless steel	20.35 0.25 0.11	12 8. 8.

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shcraft Economy 3dB Antenna

Flexible 14" radiator operates over the 825-896 MHz band and yields a 3 dB gain. The flexible antenna makes 100% contact with a mount, and includes all-brass hardware. A Motorola-style mount and cable and connector must be ordered separately.

o. m	Manufacturer Mfg. P/N Warranty	Mount Type Connector	Whip Color/Material	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
4 H	Cushcraft/Signals SN8252A 1 Year	Order separately from Motorola style mounts	Chrome Stainless steel	15.00 1 0.45	8.99 7.71 7.49

shcraft Flexible 3dB Antenna

3dB flexible mobile antenna that features an elasticized base which resists structural blows. It also features a one piece base that prevents water from getting in the antenna. Order Motorola style mount separately.

o. m	Manufacturer Mfg. P/N Warranty	Mount Type Connector	Whip Color/Material	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
4 H	Cushcraft/Signals SXB808A 1 Year	Order Motorola style mount separately.	Black Stainless steel	33.85 0.69 0.31	20.30 17.42 16.91
1 H	Cushcraft/Signals - SX808A 1 Year	Order Motorola style mount seperately.	Chrome Stainless steel	33.85 0.69 0.31	20.30 17.42 16.91

en 3dB Gain Antenna Only

14" collinear 5/8 over 1/4 wave antenna covers a 824-896 MHz frequency range with a 3 dB gain. Whip features durable and exclusive KULROD finish for long life and top performance. Motorola-style mount, cable, and connector must be ordered separately.

n	Manufacturer Mfg. P/N Warranty	Mount Type Connector	Whip Color/Material	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1	Radiall/Larsen CM-825B-NMO 3 years	Order separately from Motorola style mounts	666 17-7Ph Stainless steel	35.85 0.36 0.16	21.14 20.43 19.71

Larsen 3dB Enclosed Coil Antenna

825-896 MHz 3db enclosed coil antenna. Super Flex (TM) enclosed coil is made of SuperFlex rubber unique to Larsen and gives the antenna greater resistance to breakage and whistling.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector	Whip Color/Material	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36709 1 EACH	Radiall/Larsen NMO-3E-825B 3 years	Order separately from Motorola style mounts	Black "Kulrod" 17-7Ph Stainless steel	27.35 0.36 0.16	16.13 15.58 15.04

Maxrad 3dB Gain Antenna

15" closed coil "whisper quiet" antenna operates over the 806-896 MHz band at 3 dB gain. Features molded ABS base and plated spring loaded contact pin. Maxrad or 3/4" Motorola-style mount, connector and cable must be ordered separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector	Whip Color/Material	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
47763 1 EACH	Maxrad, Inc BMAX8033 2 Years	Order separately from Motorola style mounts	Black Stainless steel	28.90 0.29 0.13	14.43 13.86 13.57

Maxrad 3dB Gain Antenna

15" open coil antenna operates over the 806-896 MHz band at 3 dB gain. Features molded ABS base and plated spring loaded contact pin. Maxrad or 3/4" Motorola-style mount, connector and cable must be ordered separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector	Whip Color/Material	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
15615 1 EACH	Maxrad, Inc MAX8053 2 Years	Order separately from Motorola style mounts	Chrome Stainless steel	21.45 0.26 0.12	10.72 10.29 10.08
54008 1 EACH	Maxrad, Inc BMAX8053 2 Years	Order separately from Motorola style mounts	Black Stainless steel	25.75 0.26 0.12	12.86 12.35 12.09

Maxrad 3dB Gain Antenna

14" open coil operates on the 825-896 MHz band with 3 dB gain. SUPERFLEX whip design eliminates breakage due to limited headroom. Maxrad or 3/4" Motorola-style mount and cable and connector must be ordered separately.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector	Whip Color/Material	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
64724 1 EACH	Maxrad, Inc BMUF8253 2 Years	Order separately from Motorola style mounts	Black Stainless steel	18.35 0.16 0.07	9.18 8.81 8.63

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector	Whip Color/Material	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
26331 I EACH	Maxrad, Inc MUF8253 2 Years	Order separately from Motorola style mounts	Chrome Stainless steel	12.00 0.16 0.07	6.00 5.76 5.64

Plus 3dB Gain Antenna Only

14" collinear radiator operates on the 825-896 MHz frequency band with 3 dB gain. Motorola-style mount, cable and connector must be ordered separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector	Whip Color/Material	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
51273 I EACH	Plus 01-80372A78 1 Year	Order separately from Motorola style mounts	Black Stainless steel	27.50 0.29 0.13	13.20 11.88 11.00
12880 I EACH	Plus TPM8003A 1 Year	Order separately from Motorola style mounts	Chrome Stainless steel	25.00 0.29 0.13	12.00 10.80 10.00

Antenex 3dB Gain Antenna

21" 5 dB gain antenna features a trilinear design, quiet closed phasing coils, molded ABS mount base, spring loaded plated contact and insert welded brass thread ring. Antenna can be adjusted to trunked radio operation with the allen key and instructions provided.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector	Whip Color/Material	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
87033 I EACH	Antenex AB8065CT 2 Years	Order separately from Motorola style mounts	Black Stainless steel	47.20 0.3 0.14	27.18 22.60 21.14

Larsen 5dB Enclosed Coil Antenna

825-896 Mhz 5dB enclosed coil antenna. Super Flex (TM) enclosed coil is made of flexible Kraton rubber unique to Larsen and gives the antenna greater resistance to breaking and whistling. Order Motorola style mount separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector	Whip Color/Material	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
86816 I EACH	Radiall/Larsen NMO-5E-825-B 3 yrs.	Order Motorola style separately	Black "Kulrod" Stainless Steel	44.70 0.26 0.12	26.36 25.47 24.57

Maxrad 5 dB Antenna Only

24" dual stacked 1/2 over 1/4 wave antennas feature 8
MHz band coverage and 5 dB gain. Design includes op
molded ABS base and plated spring loaded contact pin
Maxrad or Motorola-style mount and cable and conne
must be ordered separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector	Whip Color/Material	List ($) Wt. (lbs) Wgt. (kg.)
87456 I EACH	Maxrad, Inc BMAX8355 2 Years	Order separately from Motorola style mounts	Black Stainless steel	34.30 0.4 0.18
49063 I EACH	Maxrad, Inc MAX8355 2 Years	Order separately from Motorola style mounts	Chrome Stainless steel	29.15 0.4 0.18

Maxrad 5 dB Antenna Only

24" dual stacked 1/2 over 1/4 wave antenna cove
825-896 MHz band with a 5 dB gain. Features m
ABS base, closed coil "whisper quiet" design, and
spring loaded contact pin. Maxrad or Motorola s
mount, cable and connector must be ordered se
rately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector	Whip Color/Material	List ($) Wt. (lbs) Wgt. (kg.)
74242 I EACH	Maxrad, Inc BMAX8375 2 Years	Order separately from Motorola style mounts	Black Stainless steel	38.80 0.4 0.18

Maxrad 5 dB Antenna with Spring

24" dual stacked 1/2 wave over 1/4 wave antenna
the 824-896 Mhz bandwidth at 5dB gain. Feature
molded ABS base, shock spring, closed coil "whis
quiet" design, and plated spring loaded contact p
Maxrad or Motorola style mount, cable and con
must be ordered separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector	Whip Color/Material	List ($) Wt. (lbs) Wgt. (kg.)
23769 I EACH	Maxrad, Inc BMAX8375S 2 Years	Order separately from Motorola style mounts	Black Stainless steel	47.80 0.4 0.18
75376 I EACH	Maxrad, Inc MAX8375S 2 Years	Order separately from Motorola style mounts	Chrome Stainless steel	40.50 0.4 0.18

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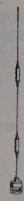
Maxrad 5 dB Antenna Only



25" dual stacked 1/2 over 1/4 wave radiator operates over the 825-896 MHz band with 5 dB gain. Design includes "whisper quiet" closed coil, heavy duty Low Profile Base with chrome plated top and bottom bushings, and a weatherproof housing. Maxrad or Motorola-style mount, cable and connector must be ordered separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Mount Type Connector	Whip Color/Material	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
9421 EACH	Maxrad, Inc MUF8325 2 Years	Order separately from Motorola style mounts	Chrome Stainless steel	38.05 0.5 0.23	19.03 18.27 17.89

Cellular Rooftop Antenna, Complete [362-32]

If you are buying these, you may need:

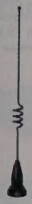
Power Meters.....page 1421
Antenna Testers, SWR Meters.....page 1419

Antenna Specialist 0dB Hole Mount

Low profile quarterwave antenna covers the 806-896 MHz band. Motorola-style permanent 3/4" hole mount and 17' RG58/U solid center cable included. Features exclusive male-femalecontact mount for noise-free duplex operation. Exhibits weatherproof qualities even when the 4" whip is removed.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
0951 EACH	Antenna Specialists ASP1810T Lifetime	Black Stainless steel	3/4" Hole mount K-166 supplied 17' RG58/U TNC male	36.25 0.94 0.43	19.22 17.77 17.40
0957 EACH	Antenna Specialists ASP1810M Lifetime	Black Stainless steel	3/4" Hole mount K-166 supplied 17' RG58/U Mini-UHF male	36.25 0.7 0.32	19.22 17.77 17.40

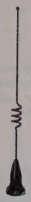
Antenna Specialists 3dB Hole Mount



14" antenna covers the 824-896 MHz frequency range with 3 dB gain. Designed with 5/8 over 1/4 wave DURA-COATed whip and a male/female contact in mount to provide positive connection for noiseless duplex/ telephone operation. Mounts to a permanent 3/4"hole. Includes 17' of PRO-FLEX low loss cable.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
97 EACH	Antenna Specialists ASPD1860 Lifetime	Black Stainless steel	3/4" Hole mount with male/ female contact (K-166) 17' Proflex TNC male	47.25 1.53 0.7	25.05 23.16 22.68
90 EACH	Antenna Specialists ASPD1860M Lifetime	Black Stainless steel	3/4" Hole mount with male/ female contact (K-166) 17' Proflex Mini UHF male	47.25 1.53 0.7	25.05 23.16 22.68

Antenna Specialists 3dB Hole Mount



14" antenna covers the 824-896 MHz band with 3 dB gain. Designed with 5/8 over 1/4 wave DURA-COATed open coil whip and male-female contact in mount providing positive connection for noiseless duplex/ telephone operation. Includes permanent 3/4" hole mount and 17' of RG58/U solid center cable.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
76278 1 EACH	Antenna Specialists ASPD1880T Lifetime	Black stainless steel	3/4" hole mount with male/ female contact (K-166) 17' RG58/U TNC	44.25 1.38 0.63	23.46 21.69 21.24
37885 1 EACH	Antenna Specialists ASPD1880M Lifetime	Black Stainless steel	3/4" Hole mount with male/ female contact (K-166) 17' RG58/U Mini UHF male	44.25 1.38 0.63	23.46 21.69 21.24

Antenna Specialists 3dB Hole Mount

"Chrome Dome" 3dB cellular antenna. Includes heavy duty .072 dia. whip set in shock absorbing rubber inset and Motorola/NMO style 3/4" hole mount with 14' RG58/U cable. Order connector separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
99282 1 EACH	Antenna Specialists ASPRD1980 Lifetime	Chrome stainless steel	3/4" Motorola style mount (KRMX66) 17' RG58/U None	33.00 1 0.45	17.49 16.17 15.84

Cushcraft 3dB Permanent Hole Mount

Four complete 5/8 wave 3 dB gain antennas. Includes 3/4" hole mount, Ultralink cable and Mini UHF connector. 4 per box.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
53233 4 PACK	Cushcraft/Signals SN808LM 1 Year	Chrome Stainless steel	3/4" Hole mount 16' Ultralink Mini UHF male	223.30 4 1.82	94.90 91.55 87.53

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Cellular Magnetic Mount, Complete [362-34]

Maxrad Mini Mag Mount

Miniature magnetic mount 3 dB gain antenna. Features a machined polymer base, black chrome triple-plated brass bushing, 7" stainless steel black radiator, and 12' RG174 cable. Installs quickly and is easily transportable.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
86662 1 EACH	Maxrad, Inc BMMG-8353PL 2 years	Black Chrome Stainless steel	Magnet mount 12' RG174 cable Mini-UHF	45.65 1 0.45	22.83 21.92 21.46
86664 1 EACH	Maxrad, Inc BMMG-8353C 2 years	Black Chrome Stainless steel	Magnet mount 12' RG174 cable TNC/m	45.65 1 0.45	22.83 21.92 21.46
86668 1 EACH	Maxrad, Inc BMMG-8353MSMA 2 years	Black Chrome Stainless steel	Magnet mount 12' RG174 cable SMA/F	45.65 1 0.45	22.83 21.92 21.46

Maxrad Unity Gain Mini Mag Mount

Miniature magnetic mount full 1/4 wave antenna.Features a machined polymer base, black chrome triple-plated brass bushing, 3.5" stainless steel black radiator, and 12' RG174 cable. Installs quickly and is easy transportable.

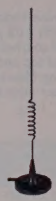
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
27317 1 EACH	Maxrad, Inc BMMG8350PL 2 years	Black Stainless steel	Magnet mount 12' RG174 cable Mini UHF	38.65 1 0.45	19.32 18.55 18.16
41780 1 EACH	Maxrad, Inc BMMG8350C 2 years	Black Stainless steel	Magnet mount 12' RG174 cable TNC	38.65 0.3 0.14	19.32 18.55 18.16
65710 1 EACH	Maxrad, Inc BMMG8350SMA 2 years	Black Stainless steel	Magnet mount 12' RG174 cable SMA female	38.65 0.3 0.14	19.32 18.55 18.16

Cellular One Packaged Mag Mount

Celldyne packaged 13" economy magnet mount operates in the 824-894 MHz frequency range. 3 dB gain with a 12" length of RG58/U solid center cable and connector included.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
55327 1 EACH	Wireless Solutions 55327 1 year	Cellular One Stainless steel	Magnet mount 12' RG58/U Mini-UHF	19.90 0.82 0.37	11.00 10.41 9.95
68541 1 EACH	Wireless Solutions 68541 1 year	Cellular One Packaged	Magnet mount 12' RG58/U TNC male	19.90 1.5 0.68	11.00 10.41 9.95

Antenna Specialists 3dB Mag



Economy magnet mount and loaded with features. gain, all black design, one piece whip construction DURA-COAT finish, male/female contacts in mount RG58/U cable with attached connector.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
40838 1 EACH	Antenna Specialists ASPD1894M Lifetime	Black finish Stainless steel	Economy magnetic mount with male/female contact 12' RG58/U Mini UHF attached	21.25 1.36 0.62	11. 10. 10.
54484 1 EACH	Antenna Specialists ASPD1894CP Lifetime	Consumer/retail Packaged	Economy magnetic mount with male/female contact 12' RG58/U Mini U & TNC	28.75 1.75 0.8	15. 14. 13.
79231 1 EACH	Antenna Specialists ASPD1894T Lifetime	Black finish Stainless steel	Economy magnetic mount with male/female contact 12' RG58/U TNC Attached	21.25 1.36 0.62	11. 10. 10.

Larsen 3dB Closed Coil Mag Mount

Economy magmount with premium performance. 3 closed coil design with patent Kulrod blackfinish on whip. The 2-3/4" dia. magnet has 54 Lbs of pull stre Includes 12' RG58A/U.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
23667 1 EACH	Radiall/Larsen MM3E800MPL 3 yr	17-7 Stainless Kulrod Black Finish	2-3/4" dia 54 lb pull magnet mount 12' RG58/AU Mini-UHF	40.00 1 0.45	23. 22. 22.
30310 1 EACH	Radiall/Larsen MM3E800TNC 3 yr	17-7 Stainless Kulrod Black Finish	2-3/4" dia 54 lb pull magnet mount 12' RG58/AU TNC	40.00 1 0.45	23. 22. 22.
40114 1 EACH	Radiall/Larsen MM3E800FME 3 yr	17-7 Stainless Kulrod Black Finish	3" dia- 54 lb pull magnet mount 12' RG58/AU	40.00 1 0.45	23. 22. 22.

Larsen 3dB Enclosed Coil Mini Mag

Mini Mag mount antenna with low profile. 3dB encl coil design with patented Kulrod blackfinish on the whip. The 2" diameter magnet has 18 Lbs of pull strength. Includes 12' RG174 to snake easily throug car doors etc.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
98878 1 EACH	Radiall/Larsen MS-3E-800-MPL 3 yr	17-7 Stainless Kulrod Black Finish	2" dia. 18 lb pull magnet mount 12' RG174 cable Mini UHF	36.70 1 0.45	21. 20. 20.
40243 1 EACH	Radiall/Larsen MS-3E-800-FME 3 yr	17-7 Stainless Kulrod Black Finish	2" dia. 18 lb pull magnet mount 12' RG174 cable FME	36.70 1 0.45	21. 20. 20.

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Cellular Glass Mounted Antennas [362-36]

If you are buying these, you may need:

Power Meters.....page 1421
Antenna Testers, SWR Meters.....page 1419

ntenna Specialists Spike Antenna

4" unity gain spike antenna. One piece molded base attaches to glass with high-bond strength tape. Cable is connected to coupling box via Mini UHF connector. Includes 15' of Pro-Flex Plus low loss cable.

No. Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
84B ACH	Antenna Specialists APD827.1T Lifetime	Black Stainless steel	Glass mount 15' RG58/U TNC male	32.50 2 0.91	17.75 16.09 15.60
455 ACH	Antenna Specialists APD827.1M Lifetime	Black Stainless steel	Glass mount 15' RG58/U Mini UHF	32.50 0.76 0.35	17.75 16.09 15.60

tenna Specialists Globe Antenna

4" unity gain globe antenna. One piece molded base attaches to glass with high-bond strength tape. Cable is connected to coupling box via Mini UHF connector. Includes 15' of Pro-Flex Plus low loss cable.

No. Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
69 CH	Antenna Specialists APD826.1T Lifetime	Black Stainless steel	Glass mount 15' RG58/U TNC/m	32.50 1 0.45	17.75 16.09 15.60
62 CH	Antenna Specialists APD826.1M Lifetime	Black Stainless steel	Glass mount 15' RG58/U Mini UHF	32.50 2 0.91	17.75 16.09 15.60

rsen 0dB Interior Mount Antenna

Interior mounted dipole antenna is designed for mobile installations when the antenna must mount completely within the vehicle. No outside whip. Includes 14' RG58/U dual shield cable and NO CONNECTOR.

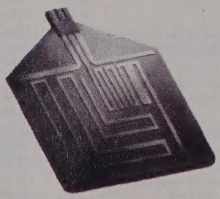
No. om	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
79 CH	Radiall/Larsen KGI825 3 yr	17-7 Stainless Kulrod Black Finish	Interior glass mount 14' RG58/U 2X Shield NONE	41.00 0.44 0.2	19.47 18.44 16.40

Larsen Unity Gain Glass Mount

4.25" glass mount antenna covers the 806-896 MHz band with 0 dB gain. Features stainless steel KULROD antenna and a 14' dual shield RG58 cable.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
64523 1 EACH	Radiall/Larsen KGU825UDMPL Lifetime	Black KULROD 17-7Ph Stainless steel	Glass mount 14' Dual shield RG58 Mini UHF	42.40 1 0.45	20.08 19.04 16.95
90951 1 EACH	Radiall/Larsen KGU825UD Lifetime	Black KULROD 17-7Ph Stainless steel	Glass mount 14' Dual shield RG58 None supplied	38.85 0.8 0.36	18.40 17.44 15.53

Antennas America 3dB Decal Antennas



3-1/2" square decal antenna mounts to the windshield at the vehicle's interior. Offers 3 dB over the 824-896 MHz band. Clear finish allows antenna to blend into glare band for concealment. Includes 16' of RG58A/U stranded center cable. Retail Packaged.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
39168 1 EACH	ARC Wireless Solutions CCA806/BLACK 1 Year	Black Decal	Interior glass mount 16' RG58A/U TNC male	61.20 0.5 0.23	28.33 24.98 24.48

Andrew Wireless 3dB K3 Antenna

15.5" glass mounted antenna covers 824-896 MHz band with 3 dB gain. Features SUR-LOK for easylowering, one-piece LEXAN foot assembly, mini-Uconnector at coupling box, and 3M high-bond tape for mounting. Quiet-1 wind silencing mast eliminates wind noise. Includes 15' RG58U cable with ACC, TNC or Mini-UHF connectors.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
97570 1 EACH	Andrew Wireless 7300-S Lifetime	Black chrome Stainless Enclosed coil design	Glass mount 15 feet RG58/U TNC	22.95 0.8 0.36	16.06 14.46 14.23
34716 24 PACK	Andrew Wireless 7300-S/24 Lifetime	Black chrome Stainless Enclosed coil design	Glass mount 15 feet RG58/U TNC	550.60 25 11.36	423.39 410.72 393.65
45963 1 EACH	Andrew Wireless 7305-S Lifetime	Black chrome Stainless Enclosed coil design	Glass mount 15 feet RG58/U Mini-UHF	22.95 0.8 0.36	16.06 14.46 14.23
48743 24 PACK	Andrew Wireless 7305-S 24 PK Lifetime	Black chrome Stainless Enclosed coil design	Glass mount 15 feet RG58/U Mini-UHF	550.60 15.7 7.14	385.40 344.10 339.70
49543 1 EACH	Andrew Wireless P7309-S Lifetime	Black chrome Stainless Enclosed coil design	Glass mount 15 feet RG58/U TNC/Mini-UHF. Retail Packaged.	26.75 1 0.45	18.72 16.85 16.58
59177 1 EACH	Andrew Wireless 7309-S Lifetime	Black chrome Stainless Enclosed coil design	Glass mount 15 feet RG58/U ACC Connector	22.95 0.8 0.36	16.06 14.46 14.23
58828 1 EACH	Andrew Wireless P7300-S Lifetime	Black chrome Stainless Enclosed coil design	Glass mount 15 feet RG58/U TNC. Retail packaged.	25.10 0.8 0.36	17.55 15.79 15.54

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Continuing product table (2 of 2)

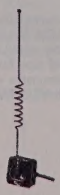
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
97221 1 EACH	Andrew Wireless P7305-S Lifetime	Black chrome Stainless Enclosed coil design	Glass mount 15 feet RG58/U Mini UHF. Retail Packaged.	25.10 0.8 0.36	17.55 15.79 15.54

Andrew Wireless 3dB Open Coil

15.5" glass mount antenna for the 824-896 MHz band with 3 dB gain. Features SUR-LOK for easylowering, one-piece LEXAN foot assembly, mini-Uconnector at coupling box, and 3M high-bond tape for mounting. Open coil design mast. Incl. 15' RG58/U solid centercable with ACC, TNC or Mini-UHF terminations. ACC to TNC adapter (63878) ACC to Mini UHF (12271).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
32749 1 EACH	Andrew Wireless 7300 Lifetime	Black chrome Open coil design	Glass mount 15 feet RG58/U TNC	20.40 0.72 0.33	14.27 12.84 12.64
62757 1 EACH	Andrew Wireless P7300 Lifetime	Black chrome Open coil design	Glass mount 15 feet RG58/U TNC. Retail Packaged.	23.30 0.72 0.33	17.89 17.36 16.64
71142 1 EACH	Andrew Wireless 7305 Lifetime	Black chrome Open coil design	Glass mount 15 feet RG58/U Mini-UHF	20.40 1 0.45	14.27 12.84 12.64
33649 1 EACH	Andrew Wireless P7305 Lifetime	Black chrome Open coil design	Glass mount 15 feet RG58/U	23.30 0.72 0.33	16.29 14.66 14.43
35529 24 PACK	Andrew Wireless 7305/24 PK Lifetime	Black chrome Open coil design	Glass mount 15 feet RG58/U Mini-UHF	489.15 25 11.36	376.14 364.89 349.73
72419 24 PACK	Andrew Wireless 7305/24-C1 Lifetime	Black chrome Open coil design	Glass mount 15 feet RG58/U Mini UHF. Cellular One Packaged.	724.35 25 11.36	557.01 540.35 517.89
84356 1 EACH	Andrew Wireless 7309 Lifetime	Black chrome Open coil design	Glass mount 15 feet RG58/U ACC Connector, Order ACC TNC or Mini U Seperately.	20.40 0.72 0.33	14.27 12.84 12.64

Antenna Specialists 3dB On-Glass III



14" glass mount antenna features a 3 dB gain over the 824-896 MHz band. Includes one-piece molded base which attaches to any glass surface by high-bond tape. Cable is hard-wired in coupling box. Includes 15' of Pro-Flex Plus low loss cable.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
82467 1 EACH	Antenna Specialists APRD858.3T Lifetime	Black Stainless steel	Glass mount 15' RG58/U	33.75 0.68 0.31	18.43 16.71 16.20
30860 1 EACH	Antenna Specialists APRD858.3M Lifetime	Black Stainless steel	Glass mount 15' RG58/U Mini UHF	33.75 0.66 0.3	18.43 16.71 16.20

Antenna Specialists Open Coil

14" glass mount antenna covers the 824-896 MHz b with 3 dB gain and less than 1.5 to 1 VSWRacross t entire band. Coupling box has no soldered connecti and is less than 1/2" thick. Open coil style whip. Cal attachesto coupling box via Mini-UHF connector. Includes 15' Pro-Flex Plus low loss cable with conne tor either attached or loose.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
27987 1 EACH	Antenna Specialists APD873.3T Lifetime	Black Stainless steel	Glass mount 15' RG58/U Loose TNC male	35.65 1.5 0.68	19. 17. 17.
26209 1 EACH	Antenna Specialists APXD873.3T Lifetime	Black Stainless steel	Glass mount 15' RG58/U Attached TNC male	37.50 0.72 0.33	20. 18. 18.
13524 1 EACH	Antenna Specialists APD873.3M Lifetime	Black Stainless steel	Glass mount 15' RG58/U Loose Mini-UHF male	35.65 1.5 0.68	19. 17. 17.
64602 1 EACH	Antenna Specialists APXD873.3M Lifetime	Black Stainless steel	Glass mount, replacement = 80493 15' RG58/U Attached Mini-UHF male	37.50 0.75 0.34	20. 18. 18.
20126 1 EACH	Antenna Specialists APD873/CP Lifetime	Black Stainless steel	Glass mount 15' RG58/U TNC & MiniUHF. Retail Packaged.	39.95 1.5 0.68	21. 19. 19.

Antenna Specialists Straked Whip

15.4" 824-896 On-Glass 3 dB antenna with a strake whip helps to reduce the whistling noise that occur with a open coil antenna. Features include: new whi adapter, tear-shapedball tip and solid state coupling The insert molded PC board requires nofield tunin Includes 15' Pro-Flex Plus low loss cable and your choice of connectors.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
79042 1 EACH	Antenna Specialists APD876.3T Lifetime	Black Stainless steel	Glass mount 15' RG58/U TNC	38.00 1 0.45	20. 18. 18.
14221 1 EACH	Antenna Specialists APXD876.3T Lifetime	Black Stainless steel	Glass mount 15' RG58/U Attached TNC	40.50 0.76 0.35	22. 20. 19.
65828 1 EACH	Antenna Specialists APD876.3M Lifetime	Black Stainless steel	Glass mount 15' RG58/U Mini UHF	38.00 0.76 0.35	20. 18. 18.
52614 1 EACH	Antenna Specialists APXD876.3M Lifetime	Black Stainless steel	Glass mount 15' RG58/U Mini UHF	40.50 0.76 0.35	22. 20. 19.

Larsen 3dB Encl. Coil Glass Mount

14" glass mount antenna covers the 806-896 MHz f quency range with 3dB gain. Features 5/8 over 1/2 w collinear design whip with Super Flex (TM) enclose coil. Impedance matching circuitry with outside radi ing element enables low impedance signal transfer. Includes 14' RG58/U cable wired directly to couplin box.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
47302 1 EACH	Radiall/Larsen KG3E825UD Lifetime	Black KULROD 17-7Ph Stainless steel	Glass mount 14' RG58/U None supplied	42.10 0.99 0.45	19. 18. 16.

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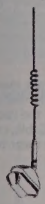
uing product table (2 of 2)

No. om	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
95 CH	Radiall/Larsen KG3E825UDFME Lifetime	Black KULROD 17-7Ph Stainless steel	Glass mount 14' RG58/U FME	45.50 1 0.45	21.57 20.44 18.20
81 CH	Radiall/Larsen KG3E825UDMPL Lifetime	Black KULROD 17-7Ph Stainless steel	Glass mount 14' RG58/U Mini-UHF male	45.50 0.99 0.45	21.57 20.44 18.20
74 CH	Radiall/Larsen KG3E825UDTNC Lifetime	Black KULROD 17-7Ph Stainless steel	Glass mount 14' RG58/U TNC male	45.50 0.99 0.45	21.57 20.44 18.20

rsen 3dB Glass Mount



14" glass mount antenna covers the 806-896 MHz frequency range with 3 dB gain. Features 5/8 over 1/2 wave collinear design. Impedance matching circuitry with outside radiating element enables a low impedance signal transfer. Includes 14' of dual shield RG58/U cable wired directly to coupling box.

o. m	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
8 H	Radiall/Larsen KG825UDTNC Lifetime	Black KULROD 17-7Ph Stainless steel	Glass mount 14' Dual shield RG58 TNC male	45.65 0.99 0.45	21.64 20.52 18.26
8 H	Radiall/Larsen KG825UD Lifetime	Black KULROD 17-7Ph Stainless steel	Glass mount 14' Dual shield RG58 None supplied	42.10 0.99 0.45	19.96 18.92 16.84
5 H	Radiall/Larsen KG825UDMPL Lifetime	Black KULROD 17-7Ph Stainless steel	Glass mount 14' Dual shield RG58 Mini UHF	45.65 0.99 0.45	21.64 20.52 18.26

bile Mark Glass Mount Antenna

3.5" Mini-Mark operates over the 824-895 Mhz frequency range at 3dB gain. 2" round exterior mounting foot keeps whip vertical, even through a car wash. Whip is designed so that 3dB and 5dB whips are interchangable. Includes 15'of RG58A/U cable and either a TNC or Mini-UHF male connector.

. m	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
5 H	Mobile Mark, Inc. MM3-900 1 Year	Black flexible rubber radiator	Glass mount 15' RG58A/U TNC male	41.65 0.59 0.27	17.40 16.95 16.65
3 H	Mobile Mark, Inc. MM3-900 1 Year	Black flexible rubber radiator	Glass mount 15' RG58A/U	41.65 0.54 0.25	17.40 16.95 16.65

en Enclosed Coil Glass Mount

16" glass mount antenna covers the 806-896 MHz frequency range with 5dB gain. Features 5/8 over 5/8 over 1/2 wave collinear whip with enclosed coil. Impedance matching circuitry with outside radiating element enables a low impedance signal transfer. Includes 14' of RG58/UD Dual shield cable wired directly to coupling box.

n	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
	Radiall/Larsen KG5E825UD Lifetime	Black KULROD 17-7Ph Stainless steel	Glass mount 14' RG58/U 2X Shield None supplied	69.20 0.6 0.27	32.80 31.09 27.68

Antenna Specialists Economy Clip

12" window clip antenna covers the 824-896 MHz frequency range at 3 dB gain. Economy version of the popular APD862 series window clip antenna. Includes 7' of RG 174/U cable with TNC male connector attached. Also includes TNC female to Mini-UHF male adapter to use with Motorola mobile and transportable phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
67684 1 EACH	Antenna Specialists AP-868 1 Year	Black Stainless steel	Clip on window 7' RG174/U	45.00 0.4 0.18	24.57 22.28 21.60
98161 1 EACH	Antenna Specialists APD868/CP 1 Year	Black Stainless steel	Clip on window 7' RG174/U TNC & MiniU	47.50 1.87 0.85	25.94 23.52 22.80

Larsen 3dB Window Clip Antenna

14" window clip cellular antenna covers 825-896MHz band with 3dB gain. High strength polycarbonate Kulklip attaches to a vehicle's side window. Includes 14' RG58/U cable and connector.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36846 1 EACH	Radiall/Larsen KGK3E825FME Lifetime	Black KULROD 17-7Ph Stainless steel	Clip on window 8' RG174 FME	55.70 1 0.45	26.40 25.03 22.28

Cellular Passive Repeater Antennas [362-37]

Larsen 3dB Glass Mount Repeater

14" glass mount passive repeater antenna offers 3 dB gain over a frequency range of 806-896 MHz. Features 5/8 over 1/2 wave, enclosed coilwhip. Designed to offer improved performance for portable cellular phones when used inside a vehicle. No cable or connector is required.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
20342 1 EACH	Radiall/Larsen KGB3E825 Lifetime	Black KULROD Stainless steel	Glass Mounted No cable required No Connector required	61.50 0.19 0.09	29.20 27.65 24.60

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Larsen 3dB Window Clip Repeater

13" window clip passive repeater antenna coversthe 806-896 MHz band with 3 dB gain. High strength polycarbonate clip attaches to a vehicles side window. Designed to offer improved performance for portable cellular phones when used inside a vehicle. Attractive black, enclosed coil whip

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
54531 1 EACH	Radiall/Larsen KGBK3E825 Lifetime	Black KULROD Stainless steel	Clip on glass No cable required No Connector required	75.90 1 0.45	36.02 34.11 30.35

Cellular Elevated Feed Antennas [362-38]

If you are buying these, you may need:

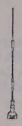
Power Meters.....page 1421
Antenna Testers, SWR Meters.....page 1419

Antenna Specialists 3dB Antenna

24" elevated-feed-point radiator covers the 824-896 MHz band at 3 dB gain. Mount, cable and connector must be ordered separately. Fits Antenna Specialists low profile "male-female" contact mounts.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
45180 1 EACH	Antenna Specialists ASPD915 Lifetime	Black Stainless steel	Order K-166 seperately. Male/ Female low profile.	60.00 0.99 0.45	31.80 29.40 28.80

Antenex 3dB Antenna Only



26" elevated feed point antenna is designed to operate over the 806-896 MHz band with 3dB gain. The antenna has been optimally designed for maximum signal transfer through the body to provide for maximum output at the radiator. Order Antenex all brass mount, cable and connector separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
73819 1 EACH	Antenex EB8063 2 Years	Black Open Coil Stainless Steel	Order separately from Motorola style mounts	86.35 0.58 0.26	49.74 41.37 38.69

Comtelco 3dB Antenna Only

23" elevated feed antenna operates on the 824-896 MHz band at 3 dB gain. Device is ground plane independent and fits Motorola style mounts, which must be ordered separately along with cable and connector.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
81046 1 EACH	Comtelco A1083B-25 2 Years	Black Stainless steel	Order mount separately	50.00 1 0.45	32.15 23.55 23.10

Maxrad Heavy Duty Antenna Only

Heavy duty elevated feed point antenna. Features an ex long fiberglass body, spring loaded contact pin, oversize spring and a enclosed coil. Ideal for tough applications a sturdy, reliable antenna is needed.

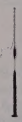
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T
29362 1 EACH	Maxrad, Inc BMEFC-8353HD 2 Years	Black Stainless steel	Order separately from Motorola style mounts	118.00 0.75 0.34	5 5 5

Maxrad 3dB Antenna Only

23" elevated feed point antennas operate over the 825 MHz band with 3 dB gain. Engineered for vehicles with ground plane,and for extension above the roof line if tr mounted. Collinear open coil design. Cable, connector, Maxrad or 3/4" Motorola style mount must be ordere rately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T
68471 1 EACH	Maxrad, Inc BMUF8043 2 Years	Black Stainless steel	Order separately from Motorola style mounts	75.50 0.6 0.27	3 3 3
30078 1 EACH	Maxrad, Inc MUF8043 2 Years	Chrome Stainless steel	Order separately from Motorola style mounts	69.50 0.58 0.26	3 3 3

Maxrad 3dB Antenna Only



23" elevated-feed-point antennas operate over the 825 MHz band with 3 dB gain. Engineered for vehicles witho ground plane,and for extension above the roof line if tr mounted. Collinear closed coil design. Cable, connector Maxrad or 3/4" Motorola style mount must be ordere rately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T
98121 1 EACH	Maxrad, Inc BMUF8083 2 Years	Black Stainless steel	Order separately from Motorola style mounts	84.00 0.63 0.29	4 4 3
65973 1 EACH	Maxrad, Inc MUF8083 2 Years	Chrome Stainless steel	Order separately from Motorola style mounts	76.50 0.63 0.29	3 3 3

Maxrad 5 dB Antenna Only

33" elevated-feed-point antennas operate over the 825 MHz band with 5 dB gain. Designed for vehicles withou ground plane, and for extension above the roof line if tr mounted.Trilinear open coil design. Cable, connector an Maxrad or 3/4" Motorola-style mount must be ordere rately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T
34600 1 EACH	Maxrad, Inc BMUF8405 2 Years	Black Stainless steel	Order separately from Motorola style mounts	83.65 0.8 0.36	4 4 3
72993 1 EACH	Maxrad, Inc MUF8405 2 Years	Chrome Stainless steel	Order separately from Motorola style mounts	76.75 0.62 0.28	3 3 3

NEW = New Listing. Pricing for reference See TESSCO.com for latest pricing and pro
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laxrad 5dB Antenna Only

33" elevated-feed-point antennas operate over the 825-896 MHz band with 5 dB gain. Designed for vehicles without a ground plane, and for extension above the roof line if trunk mounted. Trilinear closed coil design. Cable, connector and Maxrad or 3/4"Motorola-style mount must be ordered separately.

No. Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
779 ACH	Maxrad, Inc BMUF8455 2 Years	Black Stainless steel	Order separately from Motorola style mounts	91.55 0.8 0.36	45.76 43.93 43.02
386 ACH	Maxrad, Inc MUF8455 2 Years	Chrome Stainless steel	Order separately from Motorola style mounts	79.95 0.8 0.36	39.96 38.37 37.57

tenna Specialists Mirror Mount

24" elevated-feed-point radiator covers the 824-896 MHz band with 3 dB gain. Adjustable mount attaches to mirror with stainless steel bracket. Includes 17' RG58/U solid center cable.

No. Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
394 CH	Antenna Specialists ASPD913T Lifetime	Black Stainless steel	Mirror mount 17' RG58/U TNC	130.50 2.41 1.1	69.17 63.95 62.64

mtelco 5 dB Mirror Mount

19" mirror mount antenna covers the 825-896 MHzband with 5 dB gain. Capable of mounting either horizontally or vertically with triple plated chrome bracket. Includes 12' of RG58A/Ustranded center cable.

No. Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
16 CH	Comtelco TC800S-25 TNC 2 Years	White Fiberglass	Mirror mount 12' RG58A/U TNC	69.00 0.5 0.23	44.37 32.50 31.88
85 CH	Comtelco TC800S-25 M/UHF 2 Years	White Fiberglass	Mirror mount 12' RG58A/U Mini UHF	69.00 0.5 0.23	44.37 32.50 31.88

axrad 3dB Mirror Mount

24" mirror bracket mounting antenna covers the 825-896 MHz band at 3 dB gain. Design features integrated elevated feed, closed coil collinear whip, and one-piece assembly of radiator, coax, and mount. Includes 17' of RG58/U solid center cable.

No. Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
28 CH	Maxrad, Inc BMUF8363MRC 2 Years	Black Stainless steel	Mirror mount 17' RG58/U TNC	76.05 1.4 0.64	38.01 36.49 35.73

Maxrad 3dB Mirror Mount

24" mirror bracket mounting antenna covers the 825-896 MHz band at 3 dB gain. Design features integrated elevated feed, open coil collinear whip, and one-piece assembly of radiator, coax, and mount. Includes 17' of RG58/U solid center cable.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
12842 1 EACH	Maxrad, Inc BMUF8353MRC 2 Years	Black Stainless steel	Mirror mount 17' RG58/U TNC	69.05 1.4 0.64	34.53 33.15 32.46
65147 1 EACH	Maxrad, Inc BMUF8353MRPL 2 Years	Black Stainless steel	Mirror mount 17' RG58/U Mini UHF	69.05 1.4 0.64	34.53 33.15 32.46

Maxrad 5 dB Mirror Mount

35" mirror bracket mounting antenna covers the 825-896 MHz band at 5 dB gain. Design features integrated elevated feed, closed coil trilinear whip, and one-piece assembly of radiator, coax, and mount. Includes 17' of RG58/U solid center cable.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
76414 1 EACH	Maxrad, Inc BMUF8355MRC 2 Years	Black chrome Stainless steel	Mirror mount 17' RG58/U TNC	84.55 1.5 0.68	42.26 40.57 39.73

Antenna Specialists 3dB Hole Mount

24" elevated-feed-point radiator covers the 824-896 MHz band with 3 dB gain. Mounts to a permanent 7/8-15/16" hole and is angle adjustable to 15 degrees. Ground-plane independent. Cable and connector must be ordered separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
59643 1 EACH	Antenna Specialists ASPSD911 Lifetime	Black Stainless steel	7/8" Adjustable angle hole mount Order cable and Connector Separately	99.40 0.93 0.42	52.68 48.70 47.71

Antenna Specialists 3dB Hole Mount

24" elevated-feed-point antenna operates over 824-896 MHz band with 3 dB gain. Includes mount which attaches to a permanent 3/4" hole, and 17' of RG58/U solid center cable.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
99285 1 EACH	Antenna Specialists ASPD910T Lifetime	Black Stainless steel	3/4" Hole mount with male/female contact (K-166) 17' RG58/U TNC	79.50 1.76 0.8	42.14 38.96 38.16
74106 1 EACH	Antenna Specialists ASPD910M Lifetime	Black Stainless steel	3/4" Hole mount with male/female contact (K-166) 17' RG58/U Mini UHF	79.50 1.76 0.8	42.14 38.96 38.16

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Antenna Specialists 3dB Trunk Lip

24" elevated-feed-point antenna covers the 824-896 MHz band with 3dB gain. "Quick grip" trunk lid mount is ground-plane-independent. Includes 14' of RG58/U solid center cable and NEW small foot design.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
80300 1 EACH	Antenna Specialists ASPSD912T Lifetime	Black Stainless steel	Trunk lip mount (19-4245-3)with male/female contact 14' RG58/U TNC	97.50 1.85 0.84	51.68 47.78 46.80
28693 1 EACH	Antenna Specialists ASPSD912M Lifetime	Black Stainless steel	Trunk lip mount (19-4245-3)with male/female contact 14' RG58/U	97.50 1.85 0.84	51.68 47.78 46.80

Antenna Specialists 3dB Trunk Lip

24" OMNI-LOC elevated feed antenna covers the 824-896 MHz frequency range at 3 dB gain. Allows 25 degree angle adjustment of mast for sloping trunk lids, and features NEW smaller foot design with the exclusive angle locking ability. Includes open coil, removable whip and 17 of RG58U solid center cable.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
29942 1 EACH	Antenna Specialists ASPSD917T Lifetime	Black Stainless steel	Adjustable no hole trunk lip mount 17' RG58/U TNC	75.50 1.48 0.67	40.02 37.00 36.24
68335 1 EACH	Antenna Specialists ASPSD917M Lifetime	Black Stainless steel. Replacement whip (top portion only) is 37600. Lower shaft is not available separately.	Adjustable no hole trunk lip mount 17' RG58/U Mini UHF	75.50 1 0.45	40.02 37.00 36.24

Maxrad 3dB Trunk Lip Mount

24" trunk lid mounting antenna covers the 825-896 MHz band at 3 dB gain. Design features integrated elevated feed, open coil collinear whip, and one-piece assembly of radiator, coax, and mount. Includes 17' of RG58/U solid center cable.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
58479 1 EACH	Maxrad, Inc BMUF8353HBC 2 Years	Black Stainless steel	Adjustable no hole trunk lip mount 17' RG58/U TNC	74.60 1.19 0.54	37.29 35.80 35.06
13117 1 EACH	Maxrad, Inc MUF8353HBC 2 Years	Chrome Stainless steel	Adjustable no hole trunk lip mount 17' RG58/U TNC	72.35 1.17 0.53	36.16 34.72 33.99

Maxrad 3dB Trunk Lip Mount

24" trunk lid mounting antenna operates over the 825-896 MHz range at 3 dB gain. Design features integrated elevated feed, closed coil collinear whip, and one-piece assembly of radiator, coax, and mount. Includes 17' ofRG58/U solid center cable.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
45265 1 EACH	Maxrad, Inc BMUF8363HBC 2 Years	Black Stainless steel	Adjustable no hole trunk lip mount 17' RG58/U TNC	82.70 1.19 0.54	41.35 39.70 38.87

Maxrad 5 dB Trunk Lid Mount

35" trunk lid mounting antenna covers the 825-896 MH quency range with 5 dB gain. Design features integrated vated feed, closed coil trilinear whip, and one-piece asse of radiator, coax, and mount. Includes 17' of RG58/U sol center cable.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
96872 1 EACH	Maxrad, Inc BMUF8355HBC 2 Years	Black Stainless steel	Adjustable no hole trunk lip mount 17' RG58/U TNC	87.05 1.19 0.54	43 41 40

Cellular Suction Cup Antennas [362-39]

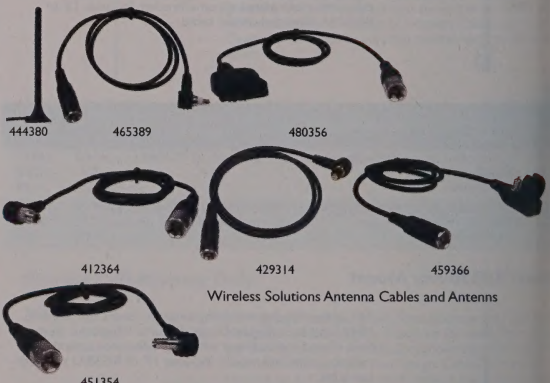
Maxrad 2.5dB Suction Cup Mount

6" suction cup antenna offers 2.5 dB gain over a frequen range of 825-896 MHz. Features coaxial 1/2 wave design mounts via two suction cups. Includes 12' of RG58/U sol center cable.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
39545 1 EACH	Maxrad, Inc MCSC-821TN 2 Years	Black Rubber duck	Suction cup 12' RG58/U attached TNC male	43.00 0.43 0.2	21 20 20

External Antenna Kits for Portables [362-40]

Wireless Solutions Antenna Cables



Wireless Solutions Antenna Cables and Antenns

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW **444380** 1 EACH	Wireless Solutions 454106U 1 Year	Dual Band Mini-Magnetic Mount Antenna connects to RF adapter.	19.70 0.25 0.11	11. 9.8 9.4
NEW **465389** 1 EACH	Wireless Solutions 446133U 1 Year	Antenna Adapter Cable. Motorola 270. Use Dual Band Mini Mag-Mount Antenna SKU# 444380.Cable terminates in FME male.	11.00 0.25 0.11	6.5 5.7 5.5
NEW **480356** 1 EACH	Wireless Solutions 478189U 1 Year	Antenna Adapter Cable. CDM9100, 9150, 9155. Use Dual Band Mini Mag-Mount Antenna SKU# 444380.	11.00 0.25 0.11	6.5 5.7 5.5
NEW **412364** 1 EACH	Wireless Solutions 429108U 1 Year	Antenna Adapter Cable. Nokia 3285, 5100 series. Use Dual Band Mini Mag-Mount Antenna SKU# 444380.	11.00 0.25 0.11	6.5 5.7 5.5
NEW **429314** 1 EACH	Wireless Solutions 439385U 1 Year	Antenna Adapter Cable. Kyocera 2135. Use Dual Band Mini Mag-Mount Antenna SKU# 444380.	11.00 0.25 0.11	6.5 5.7 5.5
NEW **435329** 1 EACH	Wireless Solutions 414102U 1 Year	Antenna Adapter Cable. Motorola StarTAC. Use Dual Band Mini Mag-Mount Antenna SKU# 444380.	11.00 0.25 0.11	6.5 5.7 5.5

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nuing product table (2 of 2)

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 9366 ACH	Wireless Solutions 488193U 1 Year	Antenna Adapter Cable. V60c. Use Dual Band Mini Mag-Mount Antenna SKU# 444380.	11.00 0.25 0.11	6.50 5.75 5.50
EW 1354 ACH	Wireless Solutions 433113U 1 Year	Antenna Adapter Cable. V120c, T193. Use Dual Band Mini Mag-Mount Antenna SKU# 444380.	11.00 0.25 0.11	6.50 5.75 5.50

ndrew Wireless Drive Time Kit

Improves in-car performance of virtually all Motorola MicroTAC FlipPhones up to 50% (except the Elite & pre 1990 950PT models). Adapterreplaces the retractable antenna on the phone. Use either the 1/4 wave rubber spike or the specially terminated Window Clip II antenna for increased range and clearer signal. Easily installs in seconds.

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
784 ACH	Andrew Wireless AA02-25000 Lifetime	Drive time kit for Motorola MicroTAC's with window clip antenna and 1/4 wave spike antenna.	60.85 1 0.45	46.79 45.39 43.51

tenna Specialists Talk Around (R)

Antenna Specialists Talkaround dual band 824-894 MHz (cellular) and 1850-1990 (PCS) magnet mount antenna allows you to receive the benefit of an external antenna without the expense of a car kit. Antenna is 4.75" long with a base of 1.1". Includes 8.25' of RG174 cable with connector.

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 328 CH	Antenna Specialists ASPDM1947/CP Lifetime	Dual band magnetic antenna for Motorola StarTAC series. Retail packaged.	42.50 1.5 0.68	22.53 20.83 20.40
96 CH	Antenna Specialists ASPDM1944/CP Lifetime	Dual band magnetic antenna for Nokia 3285,5110,5120,5160,5162,5190,6110,6120,6160,6162 and 6190 series. Retail packaged.	42.50 1.5 0.68	22.53 20.83 20.40

earTalk Charger w/Ant. Connect

Superior Communications ClearTalk is a saver/charger that charges your phone's battery. It includes an FME male connector for an external antenna. It can also be purchased with a unity gain mini magnet mount antenna to provide greater signal strength and improved performance.

ing product table (1 of 2)

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
00 CH	Superior Comm. 01918 3 Year	ClearTalk with external antenna connectionfor Motorola MicroTAC DPC550/950/Lite/Lite XL/Ultra/650/ Piper/ TeleTAC 200/1200. Includes a FME/F-TNC/F adapter.	40.80 0.5 0.23	19.49 18.78 18.35
93 CH	Superior Comm. 01919 3 Year	ClearTalk with unity gain magnet antenna for Motorola MicroTAC DPC550/950/Lite/lite XL/Ultra/650/Piper/ TeleTAC 200/1200	64.75 0.6 0.27	30.94 29.81 29.12
V 59 CH	Superior Comm. 41118 3 Year	ClearTalk with external antenna connectionfor Mot Startac ST3000/6000/6500/8600/7760/7762/7790/7797/ 7860/7867/7000/8000 phones.	40.80 0.5 0.23	19.49 18.78 18.35
76 CH	Superior Comm. 22819 3 Year	ClearTalk with unity gain magnetic mount antenna Nokia 5100/6100 series. Not for 5185. Includes FME/F-TNC/F adapter.	61.05 0.5 0.23	29.18 28.11 27.47

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
97127 1 EACH	Superior Comm. 22818 3 Year	ClearTalk with external antenna connectionfor Nokia 5100/6100 series. Includes FME/F-TNC/F adapter.	40.80 0.42 0.19	19.49 18.78 18.35
415072 1 EACH	Superior Comm. 41119 3 Year	ClearTalk with unity gain dual-band mini-mag mount antenna for Motorola StarTac CDMA,TDMA,GSM,Analog.	61.05 0.6 0.27	29.18 28.11 27.47

Nokia 5100/6100 External Antenna Kit

MTU external antenna kit allows you to attach a dual band mini magnet antenna to your phone for improved reception and transmission. Includes antenna and phone cable with adapter.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 480306 1 EACH	AleEv (formerly MTU) 80155 Limited Lifetime	External antenna kit for Nokia 5100/61/3200 series.	42.10 0.15 0.07	16.90 15.71 14.68

Uni-Kit Inductive Antenna & Cradle

494345

- Compatible with all wireless phones.
- Delivers clean, clear reception.
- Includes Tri-Mode Stripe Antenna.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 494345 1 EACH	Hirschmann 927335-901 1 Year	Uni-Kit Universal Inductive Antenna Cradle	49.95 0.45 0.2	31.25 29.25 26.35

Cellular Antenna Couplers [362-41]

Motorola Antenna Adapters

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
497025 1 EACH	Motorola Inc. NTN9173	External antenna coupler with mini-UHF female must be used with the NTN8840 cradle or the FLN2714 install kit	96.70 0.25 0.11	60.04 58.11 53.28

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Antenna Specialists Talkaround Cable

91418 91436

Antenna Specialists RF Link cables allow easy connection to an external antenna to improve the phone's performance. 48" cables attaches directly to the phone and terminates in an SAP/FME male connector.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
41870 1 EACH	Antenna Specialists K346 Lifetime	Fits Ericsson 700 series	20.65 0.1 0.05	10.94 10.11 9.91
91418 1 EACH	Antenna Specialists K347 Lifetime	Fits Motorola StarTAC series	20.65 0.05 0.02	10.94 10.11 9.91
91436 1 EACH	Antenna Specialists K349 Lifetime	i1000, i2000.	20.65 0.08 0.04	10.94 10.11 9.91
20386 1 EACH	Antenna Specialists K345 Lifetime	Fits Ericsson 200/300/600 series	20.65 0.1 0.05	10.94 10.11 9.91
41865 1 EACH	Antenna Specialists K344 Lifetime	Fits Nokia 3285/5100/ 6100 series.	20.65 0.07 0.03	10.94 10.11 9.91
NEW 473160 1 EACH	Antenna Specialists 15-1478-1 Lifetime	16' RG174U with SMA male antenna connector and Nokia connector for Nokia 5100/ 6100 series.	25.00 0.07 0.03	13.24 12.24 11.99

ClearConnect Cables

454357 423059 457009

50618

ClearConnect cables allow easy connection to an external antenna to improve the phone's performance. 12" cable attaches directly to the phone and terminates in a TNC female connector.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 454357 1 EACH	Superior Comm. 46643 3 Year	Fits Motorola Timeport 270c.	14.15 0.1 0.05	6.76 6.52 6.37
78007 1 EACH	Superior Comm. 31743 1 Year	Fits Ericsson 600 series.	14.15 0.5 0.23	6.76 6.52 6.37
25439 1 EACH	Superior Comm. 31843 3 Year	Fits Ericsson 500/700 series and Ericsson T18	14.15 0.1 0.05	6.76 6.52 6.37
452059 1 EACH	Superior Comm. 32443 3 Year	Fits Ericsson A1228d, R280	14.15 0.1 0.05	6.76 6.52 6.37
NEW 489380 1 EACH	Superior Comm. 27843 3 Year	Fits Ericsson T60 series	14.15 0.1 0.05	6.76 6.52 6.37
491077 1 EACH	Superior Comm. 32543 3 Year	Fits Ericsson T28 series	14.15 0.1 0.05	6.76 6.52 6.37
24957 1 EACH	Superior Comm. 14743 3 Year	Fits Audiovox TDM2500 and Mitsubishi T200/250.	14.15 0.1 0.05	6.76 6.52 6.37
423059 1 EACH	Superior Comm. 20343 3 Year	Fits Qualcomm QCP 2035.	14.15 0.12 0.05	6.76 6.52 6.37
455099 1 EACH	Superior Comm. 30343 3 Year	Fits Audiovox CDM9000/4000	14.15 0.1 0.05	6.76 6.52 6.37
457009 1 EACH	Superior Comm. 45643 3 Year	Fits Motorlola T22xx,V22xx, and V120c.	14.15 0.1 0.05	6.76 6.52 6.37
91167 1 EACH	Superior Comm. 46543 3 Year	Fits Motorlola Elite.	14.15 0.15 0.07	6.76 6.52 6.37

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
50618 1 EACH	Superior Comm. 41143 3 Year	Fits Motorola StarTAC	14.15 0.12 0.05	6.7 6.5 6.3
57549 1 EACH	Superior Comm. 06843 3 Year	Fits NEC 700/800 series.	14.15 0.1 0.05	6.7 6.5 6.3
27937 1 EACH	Superior Comm. 21843 3 Year	Fits Nokia 2120, 2160 (only).	14.15 0.1 0.05	6.7 6.5 6.3
69514 1 EACH	Superior Comm. 21643 3 Year	Fits Nokia 2180 (only).	14.15 0.12 0.05	6.7 6.5 6.3
70763 1 EACH	Superior Comm. 23043 3 Year	Fits Nokia 3285,5100/6100 series (not 5185 phone). Has brace that grips phones antenna for added support.	14.15 0.1 0.05	6.7 6.5 6.3
479008 1 EACH	Superior Comm. 28943 3 Year	Fits Audiovox CDM 3300.	14.15 0.5 0.23	6.7 6.5 6.3
NEW 469346 1 EACH	Superior Comm. 41643 3 Year	Fits Motorola V. Series 60.	14.15 0.1 0.05	6.7 6.5 6.3

ClearConnect with Antenna

68265

ClearConnect reduces dropped calls and improves your signa strength. Links your phone to a dual band mini magnet antenn that easily attaches to your vehicle.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW 426348 1 EACH	Superior Comm. 46645 3 Year	Fits Motorola Timeport 270c	34.45 0.2 0.09	16.4 15.8 15.4
NEW 458398 1 EACH	Superior Comm. 27845 1 Year	Fits Ericsson T60.	34.45 0.24 0.11	16.4 15.8 15.4
60795 1 EACH	Superior Comm. 31845 1 Year	Fits Ericsson 500/700 series and Ericsson T18.	34.45 0.5 0.23	16.4 15.8 15.4
93990 1 EACH	Superior Comm. 41145 3 Year	Fits Motorola StarTAC.	34.45 0.25 0.11	16.4 15.8 15.4
418076 1 EACH	Superior Comm. 46045 3 Year	Fits Motorola V3620, V3680, V3682, V8060, V8062, V8088, V8160, V8162	22.35 0.5 0.23	10.8 10.2 10.0
471060 1 EACH	Superior Communications 46043 3 Year	Motorola V3620, V3680, V3682, V8060, V8062, V8088, V8160, V8162	14.15 0.5 0.23	6.7 6.5 6.3
73371 1 EACH	Superior Comm. 06945 3 Year	Fits NEC 900 series (not DT2100).	34.45 0.5 0.23	16.4 15.8 15.4
68265 1 EACH	Superior Comm. 22845 3 Year	Fits Nokia 3285/5100 series (only). Not for 5185.	34.45 0.25 0.11	16.4 15.8 15.4
16658 1 EACH	Superior Comm. 22845 3 Year	Fits Nokia 6100 series (not 5100 or flip series).	34.45 0.2 0.09	16.4 15.8 15.4
55051 1 EACH	Superior Comm. 22945 3 Year	Fits Nokia 6161 and 6162 (flip series only).	34.45 0.2 0.09	16.4 15.8 15.4
450006 1 EACH	Superior Comm. 20345 3 Year	Fits Qualcomm QCP2035/2035a/2008.	34.45 0.2 0.09	16.4 15.8 15.4
67779 1 EACH	Superior Comm. 21245 3 Year	Fits Qualcomm QCP860/1960/2760.	34.45 0.5 0.23	16.4 15.8 15.4
NEW 462337 1 EACH	Superior Comm. 41645 3 Year	Fits Motorola V. Series 60.	34.45 0.25 0.11	16.4 15.8 15.4

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Ev (formerly MTU) RF Antenna Adapters

28009

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
09 CH	AleEv (formerly MTU) 40147 3 Year	Rf adaper has brace to grip phone antenna for support. Fits Nokia 3285/5100/6100 series. Not compatible with 5185. Antenna not included.	28.55 0.13 0.06	11.46 10.66 9.96

Low Profile, No Ground, AM/FM, Marine [362-43]

If you are buying these, you may need:

Power Meters. . . . . page 1421
Antenna Testers, SWR Meters. . . . . page 1419

dallion Low Profile Antenna

Medallion 804-894 MHz broadband unity gain "disguised" cellular/ trunking antenna. High impact molded radome assures long and reliable performance. 1.38" high x 4.88" diameter. 12" ground plane is required for best performance. Requires a K-166 series male/ female contact mount with connector.

55711

o. m	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1 H	Antenna Specialists ASP8891 1 Year	High impact plastic	Order K-166 series with male/ female contact Separately	58.90 1 0.45	31.21 28.86 28.27

dallion Low Profile Antenna

Medallion 804-894 MHz broadband unity gain "disguised" cellular/trunking antenna. High impact molded radome assures long and reliable performance. 1.38" high x 4.88" diameter. 12" ground plane is required for best performance. Leaf spring contact allows antenna to mate with Motorola style mounts. Order mount, cable and connector separately.

o. m	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
7 H	Antenna Specialists ASP8891LF 1 Year	High impact plastic	Order separately from Motorola/ NMO mounts	58.90 1 0.45	31.21 28.86 28.27

Phantom

29285 491389

The Phantom antenna provides low visibility with a wide bandwidth and low angle radiation pattern that can produce results superior to many high gain antennas. Made from high grade plastic. 2.5" high. Requires a ground planeand a Motorola style mount with cable.

g product table (1 of 2)

. m	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
H	Antenex TRA8213 Order	Black High Grade Plastic	Order separately from Motorola/ NMO mounts	38.70 0.5 0.23	22.30 18.54 17.34
H	Antenex TRA8213-WHITE 2 yrs	White High Grade Plastic	Order separately from Motorola/ NMO mounts	38.70 0.5 0.23	22.30 18.54 17.34

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 491389 1 EACH	Antenex TRA8213NP 2 yrs	White High Grade Plastic	Screw base permanent mount with N female termination Order cable and connector separately	56.20 0.5 0.23	32.35 26.91 25.16

Mirage Antenna

87154

Larsen Mirage low profile 806-960 unity gain antenna. Less than 1.25 high and 4" diameter. Mounts directly to NMO/Motorola style mount. Special seal provides for a weather proof installation. Available with or without the mount.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
17337 1 EACH	Radiall/Larsen LP800NMOUD 3 Years	Black	NMO/Motorola 17' RG58/U dual shld Order Connector Separately	77.85 0.5 0.23	45.92 44.37 42.81
87154 1 EACH	Radiall/Larsen LP800NMO 3 Years	Black	Order separately from Motorola/ NMO mounts	66.70 0.5 0.23	39.34 38.01 36.67
19283 1 EACH	Radiall/Larsen LP800NMOW 3 Years	White	Order separately from Motorola/ NMO mounts	66.70 0.5 0.23	39.34 38.01 36.67

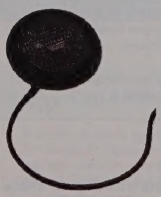
Mirage II Antenna

85995

Mirage II is a direct feed permanent mount low profile antenna covering 806-960 MHz. Requires a 1/2" hole. Features PCB technology with a UV and chemical resistant Makroblend resin polymer housing. Thin neoprene gasket protects mounting surfaces. Ground plane is required.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
85995 1 EACH	Radiall/Larsen LP800 3 Years	Black/ Makroblend	1/2" hole 17' RG58/U dual shld Order Connector Separately	75.00 0.75 0.34	44.25 42.75 41.25

Cellular LoPro Antenna



Get top performance with the LoPro cellular 3dB mobile antenna. Made of high-impact plasticwith a matte black/white finish. Antenna can be painted for disquise purposes with non-metallic paint. Requires ground plane and a small hole must be drilled to install the cable. The antenna uses a waterproof adhesive to adhere the antenna to the metal surface.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
56141 1 EACH	Astron Wireless Tech. NP8000-9* 1 Year	Rugged, high-impact engineered plastic, White	waterproof acrylic foam adhesive 15' RG58/U Order Connector Separately	89.95 1 0.45	45.97 44.53 44.08
69355 1 EACH	Astron Wireless Tech. NP8000* 1 Year	Rugged, high-impact engineered plastic, Black	waterproof acrylic foam adhesive 15' RG58/U Order Connector Separately	89.95 0.6 0.27	45.97 44.53 44.08

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LoPro NMO Mount Antenna

43685

Get top performance with the LoPro cellular 3dB mobile antenna. Made of high-impact plasticwith a matte black/white finish. Antenna can be painted for disquise purposes with non- metallic paint. Ground plane is required. Order NMO/Motorola style mount separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
82078 1 EACH	Astron Wireless Tech. NMO8000-9 1 Year	Rugged, high-impact engineered plastic, White	Order separately from Motorola/ NMO mounts	89.95 1 0.45	45.97 44.53 44.08
43685 1 EACH	Astron Wireless Tech. NMO8000 1 Year	Rugged, high-impact engineered plastic, Black	Order separately from Motorola/ NMO mounts	89.95 1 0.45	45.97 44.53 44.08

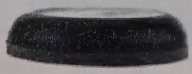
Sinclair Radome Covered Antenna

44693

Sinclair plastic radome covered antenna is designed for a variety of mobile and fixed applications. These include railroad, taxis, puplic safety vehicles, buses and trucks. 4.5" tall. 3 dB. Ground plane is required. Cable and phone connector is not supplied. 824-894 MHz.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
44693 1 EACH	Sinclair EXCALIBER 500R1 2 Years	Cast Aluminum w/ Radome	Screws and weatherproof gasket supplied N female in base of antenna.	52.00 0.7 0.32	44.20 40.04 39.00

Low-Visibility NMO Mount Antenna



12371

The Discadoo antenna provides low-visibility and was designed for federal and local law enforcement applications. Utilizes a patent pending planer-f style radiator. Can be painted with non-metalic paint. 4" dia. x 7/8" H. Available in no ground plane (75943) or ground plane (12371) versions. Requires NMO/ Motorola style mount and cable.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
12371 1 EACH	Antenex DISC824M 2 yrs	ABS Plastic Ground Plane Req'd	Order separately from Motorola/ NMO mounts	92.25 1 0.45	53.14 44.19 41.33
75943 1 EACH	Antenex DISC824MN 2 yrs	ABS Plastic No Ground Plane req'd	Order separately from Motorola/ NMO mounts	97.45 1 0.45	56.14 46.68 43.66

Low Profile Vertical Antennas

13203

10096

The MLPV800 series has superior pattern coverage for mobile and fixed applications using freqencies from 806 to 960. The design provides broadband performance with minimum loss and no tuning. Efficient radiator design with rugged solid brass construction. Ground plane is required.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
13203 1 EACH	Maxrad, Inc MLPV800 2 Years	Black Plastic Radome over Chrome Base	Order separately from Motorola/ NMO mounts	35.00 0.91 0.41	17.50 16.80 16.45
92556 1 EACH	Maxrad, Inc BMLPV800 2 Years	Black Plastic Radome over Black Base	Order separately from Motorola/ NMO mounts	35.00 0.91 0.41	17.50 16.80 16.45
10096 1 EACH	Maxrad, Inc WMLPV800 2 Years	White Plastic Radome over Black Base	Order separately from Motorola/ NMO mounts	35.00 0.91 0.41	17.50 16.80 16.45

Low-Visibility Self Adhesive Ant.

The Discadoo antenna provides low-visibility and designed for federal and local law enforcement ap tions. Utilizes a patent pending planer-f style radia Self-adhesive mount will not fall off. 2' pigtail can from the bottom or side of base. Available in grou plane (74694) or no ground plane (48266) versio dia. x 7/8" high.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T
48266 1 EACH	Antenex DISC824PN 2 yrs	ABS Plastic No Ground Plane req'd	Self adhesive 2' RG316 cable TNC/F	88.25 1 0.45	5 4 3

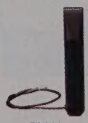
Larsen 3dB/0 dB No Ground Plane

67561

Self-mounting 824-896 MHz antenna with 3 dB gain with a ground plane/ 0 dB wi Accomodates unusually thick surfaces and is ground-plane independent. Attached surface by three nuts and bolts or self-tapping screws. Includes 14' of RG58/U dualshield coaxial cable. Order connector separately. Base diameter is 2.25".

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T
67561 1 EACH	Radial/Larsen OM-825-UD 3 Years	Black KULROD 17-7Ph Stainless steel	Self mounting 14' RG58/U Dual Shield Order Connector Separately	50.70 0.63 0.29	2 2 2

Portable 800-900 MHz CDPD Antennas

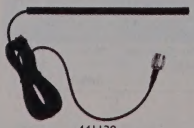


77444

Portable 800-900 MHz CDPD antennas attach to glass, metal, plastic or elec devices. Black ABS plastic 6" x .68" x 1". Mounts with Velcro or double sided

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T
77444 1 EACH	ARC Wireless Solutions AAI-00061 1 Year	Black ABS plastic	Mounts with Velcro and double-side tape 10" Cable TNC	96.05 0.5 0.23	4 3 3
81915 1 EACH	ARC Wireless Solutions F800-V MINIU 1 Year	Black ABS plastic	Mounts with Velcro and double-side tape 10' Cable Mini-UHF	96.05 0.5 0.23	4 3 3

Mobile Mark Covert Cellular Antennas



441139

Moble Mark covert unity gain cellular antenna. Can be insta almost anywhere. Under a dashboard, behind a rearview mi or on the rear deck. Fully waterproof with a durable flexibl radome.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T
NEW **428118** 1 EACH	Mobile Mark, Inc. CVT900S 1 year	Black	Covert 8 ft RG-174 SMA	38.75 0.75 0.34	1 1 1
NEW **441139** 1 EACH	Mobile Mark, Inc. CVT900T 1 year	Black	Covert 8 ft RG-174 TNC	38.75 0.75 0.34	1 1 1
NEW **449161** 1 EACH	Mobile Mark, Inc. CVT900M 1 year	Black	Covert 8 ft RG-174 mini-UHF	38.75 0.75 0.34	1 1 1

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C Marine 3dB Antenna

1.6' marine antenna operates over 825-890 MHz range with 3 dB gain. Ruggedly designed for demanding environments with fiberglass radome coated in a sealing white polymer. Includes chrome-plated brass base fitting with 1"-14 threads to fit a female mount, which must be ordered separately. (This is an exact replacement for the CEL1 marine antenna.)

16

t No. /Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
916 ACH	AC Marine A/S CELSEA6 1 Year	White Fiberglass	1"-14 female thread. Order mount separately. Order cable separately.	108.55 1.27 0.58	67.28 62.40 60.77

C Marine 3 dB Antenna with Cable

1.6' marine antenna operates over 825-896 MHz range with 3 dB gain. Ruggedly designed for demanding environments with fiberglass radome coated in a sealing white polymer. Includes chrome-plated brass base fitting with 1"-14 threads to fit a male mount and 20' of white RG58/U cable hard wired to the antenna.

65

No. Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
165 ACH	AC Marine A/S CELSEA1 1 Year	White Fiberglass	1"-14 male thread. Order mount separately. 20' white RG58C/U	98.75 1.27 0.58	61.22 56.78 55.30

axrad 3dB Marine Antenna

31.5" marine antenna covers the 806-896 MHz band. 3dB gain. Features heavy chrome-plated base and requires no ground plane. Marine mount with 1"-14 male thread must be ordered separately. No field adjustment needed. Includes 25' of white, low-loss coaxial cable and TNC male connector.

4

No. Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
080 CH	Maxrad, Inc MMX4F 2 Years	White Fiberglass	Order separately from Motorola/ NMO mounts	106.40 1.53 0.7	53.19 48.94 48.83
94 CH	Maxrad, Inc MMA-8353C 2 Years	White Fiberglass	1"-14 Female thread Order mount separately 25' White RG8X	98.60 1.53 0.7	49.30 45.36 45.26

mtelco 5dB Marine Antenna

5dB gain fiberglass marine antenna. Requires no ground plane. Built using only the highest quality fiberglass construction and triple chrome plated brass fittings. Includes 17' RG58cable TNC and Mini UHF connectors WITH A NYLON RATCHET MOUNT.

3

No. Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
88 CH	Comtelco MC800S/SP 1 Year	White Fiberglass	>1"-14 Male thread Ratchet Mount Included 17' RG58/U White	89.00 2.22 1.01	57.23 41.92 41.12

Maxrad 5dB Marine Antenna

51.5" marine antenna covers the 825-896 MHz band. 5dB gain. Features heavy chrome-plated base and requires no ground plane. Marine mount with 1"-14 male thread must be ordered separately. No field adjustment needed. Includes 25' of white, low-loss coaxial cable and TNC male connector.

32187

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
32187 1 EACH	Maxrad, Inc MMA-8355C 2 Years	White Fiberglass	1"-14 Female thread Order mount separately 25' White RG8X	119.05 2.8 1.27	59.53 54.77 54.65

AC Marine 6dB Antenna

4' marine antenna operates over 825-890 MHz range with 6 dB gain. Ruggedly designed for demanding environments with fiberglass radome coated in a sealing white polymer. Includes chrome-plated brass base fitting with 1"-14 threads for a female mount, which must be ordered separately.

99488

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
99488 1 EACH	RFS Celwave CELSEA9S 1 Year	White Fiberglass	1"-14 female thread. Order mount separately. Order separately	135.65 3 1.36	84.08 77.98 75.95

AC Marine 6 dB 8' Antenna

8' marine antenna operates over 825-890 MHz range with 6 dB gain. Ruggedly designed for demanding environments with fiberglass radome coated in a sealing white polymer. Includes chrome-plated brass base fitting with 1"-14 threads for a female mount, which must be ordered separately.

22702

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
22702 1 EACH	AC Marine A/S CELSEA9 1 Year	White Fiberglass	1"-14 female thread. Order mount separately. Order cable separately	151.85 5 2.27	94.14 87.31 85.03

AC Marine 6 dB Antenna with Cable

8' marine antenna operates over 825-890 MHz range with 6 dB gain. Ruggedly designed for demanding environments with fiberglass radome coated in a sealing white polymer. Includes chrome-plated brass base fitting with 1"-14 threads for a male mount and 20' white RG58/U cable hardwired into the bottom of the antenna

23951

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
23951 1 EACH	AC Marine A/S CELSEA3 1 Year	White Fiberglass	1"-14 male thread. Order mount separately. 20' white RG58C/U	145.10 5 2.27	89.95 83.43 81.25

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AC Marine 4' Antenna with Cable

49130

4' marine antenna operates over 825-890 MHz range with 6 dB gain. Ruggedly designed for demanding environments with fiberglass radome coated in a sealing white polymer. Includes chrome-plated brass base fitting with 1"-14 threads for a male mount and 20' white RG58/U cable hardwired into the bottom of the antenna.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
49130 1 EACH	AC Marine A/S CELSEA3S 1 Year	White Fiberglass	1"-14 male thread. Order mount separately. 20' white RG58C/U	146.50 3 1.36	90.83 84.24 82.04

Maxrad 7dB Marine Antenna

70580

98.5" marine antenna covers the 825-896 MHz band. 7dB gain. Features heavy chrome-plated base and requires no ground plane. Marine mount with 1"-14 male thread must be ordered separately. No field adjustment needed. Includes 25' of white, low-loss coaxial cable and TNC male connector.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
70580 1 EACH	Maxrad, Inc MMA-8357C 2 Years	White Fiberglass	1"-14 Female thread Order mount separately 25' White RG8X TNC	139.75 2.8 1.27	69.88 64.29 64.15

AC Marine 10dB Antenna

41524

5' marine antenna operates over 825-890 MHz range with 10dB gain. Ruggedly designed for demanding environments with fiberglass radome coated in a sealing white polymer. Includes chrome-plated brass base fitting with 1"-14 threads for a male mount.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Whip Color/Material	Mount Type, Cable Connector	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
41524 1 EACH	AC Marine A/S CEL5 1 Year	White Fiberglass	1"-14 female thread. Order mount separately. Order cable separately.	177.35 3 1.36	109.94 101.96 99.30

Glass Mount Reinstall Kits [362-45]

If you are buying these, you may need:

Power Meters . . . . . page 1421
Antenna Testers, SWR Meters . . . . . page 1419

Glass Mount Reinstall Kits

Commonly needed parts for reinstallation of glass mount antennas.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
40057 1 EACH	Antenna Specialists 9-198-1 90 days	Double-sided tape for original on-glass 1 antenna. Octagon shape. For inside coupling box.	0.80 0.02 0.01	0.41 0.40 0.40
73377 1 EACH	Antenna Specialists K93001 90 days	Double-faced tape for On-Glass antennas APA874, APG874, APD826, APD827, APD873, APD876, APXD873, APXD876, APR852, APRG852, APDM927 and KAV377 mount kit.	1.40 0.05 0.02	0.71 0.70 0.69
72279 1 EACH	Antenna Specialists KCB876 Lifetime	821-896 Mhz replacement coupling box for the APD827, APD873 and 876 series antennas.	12.00 0.08 0.04	6.06 5.97 5.90

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
73636 1 EACH	Andrew Wireless RMK-EG Lifetime	"Econoglass" remount kit. Includes adhesive and alcohol pads.	4.25 0.04 0.02	2.9 2.6 2.6
14678 24 PACK	Andrew Wireless RMK-K3/24 Lifetime	K3 kit with 2 part die cut pad and adhesive pad. Works with 7300series antennas. 25 per package.	78.75 0.5 0.23	55. 49. 48.
94744 1 EACH	Andrew Wireless RMK-K3 Lifetime	K3 kit with 2 part die cut pad and adhesive pad. Works with 7300series antennas.	3.30 0.02 0.01	2.3 2.0 2.0
88840 1 EACH	Antenna Specialists KAV382 Lifetime	On-Glass 1 Repair kit. Includes mounting foot, cover, adhesive & cleaner AP151.3, AP455, AP143/153/152.3 series	12.65 0.19 0.09	6.7 6.2 6.0
37233 1 EACH	Antenna Specialists KAV383 Lifetime	On-Glass II reinstall repair kit. Includes mounting foot, cover,adhesive,cable cleaner,window cleaner. For AP852.3.	11.90 0.1 0.05	6.3 5.8 5.7
24937 1 EACH	Antenna Specialists KAV876 Lifetime	Reinstall kit for APD876.3 Straked Whip antenna series. Includes whip, coupling box and foot only. No cable or connector.	28.25 1 0.45	14. 13. 13.
456082 1 EACH	Antenna Specialists KAV398 Lifetime	APDM928 reinstall kit. Includes window cleaner,template, foot/base with attached adhesive pad, whip adapter, set screw and screws.	14.90 0.1 0.05	7.8 7.3 7.1
80493 1 EACH	Antenna Specialists KAV377 Lifetime	On-Glass reinstall kit. Includes foot, tape, window cleaner and swivel. For APD873 ,APD876, and 852.3 series.	9.95 0.1 0.05	5.2 4.8 4.7
NEW 27920 1 EACH	Hirschmann 927913-999	Re-mount Kit includes adhesive pad, alcohol cleaning pad, wrench and instructions.	7.75 0.26 0.12	4.6 4.1 4.1
94429 1 EACH	Radiall/Larsen KGREINSTALL Lifetime	Kit for all KG glass mount series antenna. Includes adhesives, allen wrenches, alcohol wipes, and instructions.	8.35 0.09 0.04	4.9 4.6 4.5
12079 1 EACH	Mobile Mark, Inc. MM3-900K 1 Year	Reinstall kit for MM3/5-900 series. Includes tape and cleaner.	14.45 0.09 0.04	6.0 5.8 5.7

Cellular Replacement Whips [362-47]

If you are buying these, you may need:

Power Meters . . . . . page 142
Antenna Testers, SWR Meters . . . . . page 141

Exterior Whip and Mount Kit

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
13847 1 EACH	Andrew Wireless EXT-K3-S Lifetime	7300-S Quiet-1 replacement kit. Includes foot assembly, adhesive pad and enclosed coil mast.	15.35 0.5 0.23	10. 9.6 9.5
66466 1 EACH	Andrew Wireless EXT-K3 Lifetime	7300 series replacement kit. Includes foot assembly, adhesive padand standard mast.	11.40 0.5 0.23	7.9 7.1 7.0
41287 1 EACH	Andrew Wireless EXT-K3FTTC Lifetime	K3 external foot assembly with adhesive pad and swivel. No mast. For 7300 series antennas.	6.60 0.24 0.11	4.6 4.1 4.1

Cellular Replacement Whips

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
73109 1 EACH	Andrew Wireless P7300M-S Lifetime	Replacement whip for the Quiet 1, 790 EC and 690 ELV series on- glass antennas with enclosed coils. Retail packaged.	10.75 0.2 0.09	7.5 6.7 6.6

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nuing product table (2 of 2)

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
060 CH	Andrew Wireless 7300M-GL Lifetime	Gold replacement whip for the K2+ and K3 antennas.	27.00 1 0.45	18.90 17.01 16.74
883 CH	Andrew Wireless P7300-M Lifetime	Black replacement whip for the K2+ and K3 antenna. Retail packaged.	10.15 1 0.45	7.10 6.39 6.29
585 CH	Andrew Wireless 7300-M Lifetime	Replacement whip with open coil for the K3 7300 series antennas.	8.55 0.25 0.11	6.56 6.36 6.10
956 CH	Antenna Specialists KD1894Z Lifetime	Black replacement whip for ASP1894 series antennas.	8.75 0.07 0.03	4.42 4.35 4.30
705 CH	Antenna Specialists KD1860Z Lifetime	Black replacement whip and adapter for the ASPD1860 and ASPD1880 series antennas.	17.50 0.27 0.12	8.84 8.70 8.60
779 CH	Antenna Specialists KD910Z Lifetime	Black replacement whip for the ASPD910,ASPD912, and ASPD915 antennas.	17.50 0.11 0.05	8.84 8.70 8.60
51 CH	Antenna Specialists K858.1Z Lifetime	Replacement whip for APD858.1 antenna. Unity gain.	6.75 0.04 0.02	3.69 3.35 3.24
49 CH	Antenna Specialists K1810Z Lifetime	Black replacement whip for the ASP1810 antenna. Consist of 1/4 wave whip, adapter, and washer.	11.75 0.06 0.03	5.94 5.84 5.77
40 CH	Antenna Specialists KDM1960Z Lifetime	Replacement whip for ASPDM1960 series dual band antennas.	24.40 0.1 0.05	12.93 11.95 11.71
68 CH	Antenna Specialists KRDM1994Z Lifetime	Replacement whip for ASPRDM1994 series dual band cellular/PCS antenna.	16.25 0.16 0.07	8.21 8.08 7.98
51 CH	Antenna Specialists KD876Z Lifetime	Replacement whip for the APD876 Straked Whip series.	17.50 1 0.45	7.98 7.68 7.56
40 CH	Antenna Specialists KD873/CP Lifetime	Replacement whip for APD873 On-Glass IV antennas. Does not include swivel (29995). Retail packaged.	13.50 0.25 0.11	6.16 5.93 5.84
N 49 CH	Antenna Specialists KDM927Z 1 Year	APDM927 Replacement Whip	15.25 0.27 0.12	7.71 7.58 7.49
47 CH	Antenna Specialists KDM928Z 1 Year	APDM928 Replacement Whip	15.65 0.27 0.12	7.90 7.77 7.68
N 04 CH	Antenna Specialists KDM928.1Z 1 Year	APDM928.1 PCS/Cellular Replacement Whip	26.25 0.27 0.12	13.25 13.04 12.88
90 CH	Radiall/Larsen W-KG-3E-825 Lifetime	Replacement whip for the new small footprint KG-3E-825 and KG-SC-3E-825 antennas. Enclosed coil. Works with old style too.	17.20 0.08 0.04	10.13 9.79 9.45
72 CH	Maxrad, Inc BMUR8353 2 years	Replacement whip for the BMUF8353 (12842)	15.50 0.05 0.02	8.06 7.52 7.26
56 CH	Maxrad, Inc BMUR8043 2 years	Replacement whip for the BMUF8043 (68471)	15.50 0.07 0.03	8.06 7.52 7.26
14 CH	Maxrad, Inc MAT8000 2 years	800-900 Mhz 1/4 wave replacement whip assembly. Chrome.	4.75 0.03 0.01	2.47 2.31 2.23
09 CH	Maxrad, Inc BMAT8000 2 years	800-900 Mhz 1/4 wave replacement whip assembly. Black.	7.35 0.03 0.01	3.83 3.57 3.44
72 CH	Mobile Mark, Inc. MMW-3 1 Year	3dB replacement whip for the MM3-900 Mini-Mark glass mounted antennas.	13.90 1 0.45	5.81 5.66 5.56

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Motorola Style, Permanent Hole [365-10]

If you are buying these, you will need:

Engine Noise Filters . . . . . page 1715
Power Drills . . . . . page 1515
Hole Saws and Antenna Hole Drills . . . . . page 1520
Fish Tapes and Wire Installation . . . . . page 1600
Split Loom Tubing . . . . . page 1733

3/4" Hole, Nickle-Plated Brass

Motorola-style mounts install in a 3/4" hole. Feature a 1-1/8"-18 thread and nickle-plated brass nut.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
16919 1 EACH	Radiall/Larsen NMO-K-DS 3 years	0-1000 MHz 17 feet	No connector supplied RG58A/U dual shield	19.20 0.52 0.24	11.31 10.93 10.55
19533 1 EACH	Comtelco MUL 1 Year	100-1000 MHz 17 feet	No connector supplied RG58/U, solid center	13.00 0.5 0.23	8.36 6.13 6.01
76452 25 PACK	Plus TM341458AU 1 Year	100-1000 MHz 14 feet	No connector supplied RG58A/U Stranded	435.95 15 6.82	189.88 178.25 174.38
85472 1 EACH	Radiall/Larsen NMO-K-NOCONN 3 years	100-1000 MHz 17 feet	No connector supplied RG58A/U	12.00 0.49 0.22	7.08 6.66 6.60
90942 1 EACH	Radiall/Larsen NMO-K-UD 3 years	100-1000 MHz 17 feet	No connector supplied RG58/U Dual Shield	12.00 0.52 0.24	7.08 6.66 6.60
95756 1 EACH	Comtelco MZL 1 Year	100-1000 MHz 17 feet	No connector supplied Microloss 900	15.50 0.46 0.21	9.97 7.51 7.51
36750 1 EACH	Radiall/Larsen NMO-K-FME 3 years	100-1000Mhz 17 feet	FME Dual shield	15.50 1 0.45	9.15 8.84 8.53
11631 1 EACH	Plus MB8UM14 1 Year	100-1000 MHz 14 feet	Mini UHF Belden 8240 solid cntr.	21.95 0.44 0.2	9.56 8.97 8.78
98349 1 EACH	Radiall/Larsen NMO-K-UD-TNC 3 years	100-1000 MHz 17 feet	TNC crimp Dual shield RG58/U	15.50 1.02 0.46	9.15 8.84 8.53
26718 1 EACH	Radiall/Larsen NMO-K-UD-PL 3 years	100-1000 MHz 17 feet	PL-259 solder Dual shield RG58/U	15.50 0.65 0.3	9.15 8.84 8.53
55312 1 EACH	Radiall/Larsen NMO-K-DS-PL 3 years	100-1000 MHz 17 feet	PL-259 Teflon RG58A/U dual shield	22.70 0.57 0.26	13.38 12.93 12.47

3/4" Hole, Nickle-Plated Brass

Motorola-style mounts install in a 3/4" hole. Feature a 1-1/8"-18 thread and nickle-plated brass nut.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
45082 1 EACH	Antenna Specialists KRMX66 2 Years	138-512 MHz 17 feet	No connector supplied RG58/U Solid	15.00 1 0.45	7.58 7.46 7.37
76696 1 EACH	Antenna Specialists KREMX66 90 Days	0-512 MHz 17 feet	No connector supplied PROFLEX	20.00 0.74 0.34	10.10 9.94 9.82
83142 1 EACH	Radiall/Larsen NMO-K-MPL 3 years	0-512 MHz 17 feet	Mini UHF RG58A/U Stranded	15.50 0.58 0.26	9.15 8.84 8.53
20666 1 EACH	Radiall/Larsen NMO-K 3 years	0-512 MHz 17 feet	PL-259 RG58A/U Stranded	15.35 0.55 0.25	9.05 8.51 8.44

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
74902 1 EACH	Antenna Specialists KRM66 2 Years	0-512 MHz 14 feet	PL-259 RG58/U Solid	18.25 0.74 0.34	9. 9. 9.

3/4" Hole, All Brass

33622

All brass Motorola-style mounts install in a 3/4" hole. Feature a 1-1/8" thread.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
32656 1 EACH	Maxrad, Inc BM-NC 90 Days	0-512 MHz 17 feet	No connector supplied RG58A/U Stranded	14.30 0.5 0.23	7. 6. 6.
53272 1 EACH	Antenex MB8L 2 yrs	0-512 MHz 17 feet	No connector supplied RG58A/U Stranded	16.00 0.5 0.23	9. 7. 7.
410033 1 EACH	Maxrad, Inc BM//-NC30 90 Days	0-512 MHz 30 feet	No connector supplied RG58A/U Stranded	20.25 0.75 0.34	10. 9. 9.
NEW 78008 1 EACH	Maxrad, Inc BMBN 2 Years	30-512 MHz 17'	BNC RG58/U	15.30 0.65 0.3	7. 7. 7.
31673 1 EACH	Maxrad, Inc BMFFME 2 Years	0-512 MHz 17 feet	FME, installed RG58/U Solid center	15.30 0.6 0.27	7. 7. 7.
NEW 416333 1 EACH	Maxrad, Inc BMSTPL 2 Years	0-512 MHz 17'	Mini UHF YR29586-9	25.00 0.62 0.28	12 12 11
NEW 486166 1 EACH	Maxrad, Inc BMSPL 90 Days	0-512 MHz 17 feet	Mini-UHF RG58A/U Stranded	14.70 0.5 0.23	7. 7. 6.
58724 1 EACH	Maxrad, Inc BMPL 90 Days	0-512 MHz 17 feet	Mini-UHF RG58/U Solid center	15.30 0.6 0.27	7. 7. 7.
NEW 47099 1 EACH	Maxrad, Inc BMNSO 2 Years	0-512 17'	N male solder RG58/U	17.80 0.67 0.3	9. 8. 8.
25910 1 EACH	Maxrad, Inc BMC 90 Days	27-450 MHz 17 feet	TNC crimp RG58/U Solid center	15.30 1 0.45	7. 7. 7.
28909 1 EACH	Antenex MB8UP 2 yrs	27-500 MHz 17 feet	PL-259 RG58/U solid	20.00 0.65 0.3	11 9. 8.
33622 1 EACH	Maxrad, Inc BM 2 Years	0-512 MHz 17 feet	PL-259 RG58A/U Stranded	15.30 0.6 0.27	7. 7. 7.
480036 1 EACH	Maxrad, Inc BMPCP 2 Years	0-512 MHz 17 feet	PL-259 crimp RG58/U Solid	15.30 0.54 0.25	7. 7. 7.
92569 1 EACH	Comtelco MBAL06 2 Years	0-512 MHz 17 feet	PL-259 crimp RG58A/U Stranded	18.60 0.5 0.23	8. 7. 7.
16320 1 EACH	Maxrad, Inc BMP 2 Years	0-512 MHz 17 feet	PL-259 Teflon RG58/U Solid	15.30 0.54 0.25	7. 7. 7.

3/4" Hole, All Brass

18935

All brass Motorola-style mounts install in a 3/4" hole. Featu 1-1/8"-18 thread.

Continuing product table (1 of 3)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 16142 1 EACH	Maxrad, Inc BMFNC 2 Years	100-1000 MHz 17'	No connector supplied White Teflon	37.45 0.6 0.27	19. 18. 17.
18935 1 EACH	Antenex MBF14 90 Days	100-1000 MHz 14 feet	No connector supplied Teflon cable	45.00 0.44 0.2	19. 18 18.
20510 1 EACH	Antenex MBD 2 Years	0-1000 MHz 17 feet	No connector supplied Telflex	25.80 0.58 0.26	11. 10. 10.

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Continuing product table (2 of 3)

No. Uom	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
188 ACH	Cushcraft/Signals MOT17 1 Year	0-1000 MHz 16.5 feet	No connector supplied Black low loss	29.00 0.59 0.27	15.03 14.04 13.08
810 ACH	Plus MB8U14 1 Year	100-1000 MHz 14 feet	No connector supplied Belden 8240 solid cntr.	19.15 0.42 0.19	8.33 7.82 7.65
038 ACH	Plus MB8X 90 Days	100-1000 MHz 17 feet	No connector supplied RG8X	22.25 2 0.91	9.68 9.09 8.89
059 ACH	Plus MB814 1 Year	100-1000 MHz 14 feet	No connector supplied RG58A/U Stranded	16.90 0.42 0.19	7.35 6.90 6.75
422 ACH	Antenex MB8 2 Years	0-1000 MHz 17 feet	No connector supplied RG58A/U Stranded	15.50 0.53 0.24	8.93 7.43 6.95
442 ACK	Plus 25/MB8U14 1 Year	100-1000 MHz 14 feet	No connector supplied Belden 8240 solid cntr.	435.95 13 5.91	189.88 178.25 174.38
W 197 ACH	Antenex MBF 90 Days	100-1000 MHz 17 feet	No connector supplied Teflon cable	49.50 0.44 0.2	21.56 20.24 19.80
110 ACH	Maxrad, Inc BMML195-NC 2 Years	100-2400 MHz 17 feet	No connector supplied LMR195	36.90 0.6 0.27	19.18 17.89 17.26
007 ACH	Cushcraft/Signals MOT11 1 Year	0-1000 MHz 14 feet	No connector supplied White UltraLink	25.15 0.5 0.23	13.02 12.16 11.33
09 ACH	Maxrad, Inc BMLC-NC 2 Years	0-1000 MHz 17 feet	No connector supplied RG8X	22.00 0.62 0.28	11.00 10.56 10.34
815 ACH	Antenex MB8U 2 Years	0-1000 MHz 17 feet	No connector supplied RG58U Solid Center	17.50 0.5 0.23	10.08 8.39 7.84
13 ACH	Cushcraft/Signals MOTB11 1 Year	0-1000 MHz 14 feet	No connector supplied Black UltraLink	29.00 0.59 0.27	15.03 14.04 13.08
00 ACH	Cushcraft/Signals MOT12 1 Year	0-1000 MHz 14 feet	No connector supplied RG58A/U Stranded	14.50 0.45 0.2	7.50 7.01 6.53
83 ACH	Maxrad, Inc BMST-NC 2 Years	100-1000 MHz 17 feet	No connector supplied YR29586-9 Teflon cable	24.00 0.65 0.3	12.00 11.52 11.28
77 ACH	Maxrad, Inc BMC-NC 90 Days	450-1000 MHz 17 feet	No connector supplied RG58/U Solid	14.30 0.62 0.28	7.14 6.86 6.72
65 ACH	Cushcraft/Signals MOT6 1 Year	0-1000 MHz 14 feet	Mini UHF White UltraLink	26.05 0.55 0.25	13.48 12.60 11.74
W 69 ACH	Maxrad, Inc BMFPL 2 Years	100-1000 MHz 17'	Mini UHF White Teflon	38.45 0.6 0.27	19.99 18.65 17.99
14 ACH	Cushcraft/Signals MOT10 1 Year	0-1000 MHz 14 feet	Mini UHF RG58A/U Stranded	16.80 1 0.45	8.69 8.12 7.57
08 ACH	Antenex MB8UM 2 Years	0-1000 MHz 17 feet	Mini UHF RG58U Solid Center	20.00 0.54 0.25	11.52 9.58 8.96
36 ACH	Antenex MB8UMI 2 Years	0-1000 MHz 17 feet	Mini-UHF installed RG58U Solid Center	22.20 0.55 0.25	12.79 10.64 9.95
W 39 ACH	Maxrad, Inc BMFLPL 2 Years	100-1000 MHz 17'	Mini UHF RGU400	58.15 0.75 0.34	29.08 27.92 27.34
05 ACH	Comtelco MBAL04 1 Year	100-1000 MHz 17 feet	Mini UHF RG58A/U	17.35 0.5 0.23	7.56 7.00 6.93
W 62 ACH	Maxrad, Inc BMLPL 2 Years	100-1000 MHz 17'	N crimp RG8X	23.00 0.62 0.28	11.50 11.04 10.81
26 ACH	Comtelco MBZL04 1 Year	100-1000 MHz 17 feet	Mini UHF Micro Loss 900	22.30 0.5 0.23	9.72 9.00 8.91
94 ACH	Antenex MB8XN 2 Years	0-1000 MHz 17 feet	N crimp RG8X solid center	27.75 0.82 0.37	15.99 13.30 12.44
W 16 ACH	Maxrad, Inc BMLN-CP 2 Years	100-1000 MHz 17'	N crimp RG8X	25.00 0.62 0.28	12.50 12.00 11.75
31 ACH	Maxrad, Inc BMSTNCP 2 Years	100-1000 MHz 17 feet	N crimp YR29586-9 Teflon cable	26.50 0.65 0.3	13.25 12.72 12.46
W 89 ACH	Maxrad, Inc BMFNCP 2 Years	100-1000 MHz 17 feet	N crimp White Teflon	40.45 0.66 0.3	20.22 19.42 19.01

Continuing product table (3 of 3)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 483376 1 EACH	Maxrad, Inc BMNCP 2 Years	100-1000 MHz 17 feet	N crimp RG58/U Solid center	16.80 0.67 0.3	8.74 8.15 7.86
NEW 496383 1 EACH	Maxrad, Inc BMLN-SO 2 Years	100-1000 MHz 17 feet	N solder RG8X	26.00 1 0.45	13.00 11.96 11.94
55768 1 EACH	Antenex MB8UN 2 Years	0-1000 MHz 17 feet	N crimp RG58U Solid Center	25.50 0.65 0.3	14.69 12.22 11.43
80186 1 EACH	Cushcraft/Signals MOT3 1 Year	0-1000 MHz 14 feet	N crimp White UltraLink	32.30 0.6 0.27	16.74 15.64 14.57
92151 1 EACH	Cushcraft/Signals MOT8 1 Year	0-1000 MHz 14 feet	N crimp RG58A/U Stranded	22.80 1 0.45	11.81 11.04 10.29
28579 1 EACH	Cushcraft/Signals MOT4 1 Year	0-1000 MHz 14 feet	TNC crimp White UltraLink	26.65 1 0.45	13.79 12.89 12.01
40544 1 EACH	Cushcraft/Signals MOT9 1 Year	0-1000 MHz 14 feet	TNC crimp RG58A/U Stranded	20.25 1 0.45	10.49 9.81 9.14
NEW 420312 1 EACH	Maxrad, Inc BMFC 2 Years	100-1000 MHz 17 feet	TNC crimp White Teflon	38.45 0.65 0.3	19.22 18.46 18.07
42693 1 EACH	Antenex MB8UT 2 Years	0-1000 MHz 17 feet	TNC crimp RG58U Solid Center	20.00 0.65 0.3	11.52 9.58 8.96
42720 1 EACH	Cushcraft/Signals MOTB-4 1 Year	0-1000 MHz 14 feet	TNC crimp Black UltraLink	29.00 1 0.45	15.03 14.04 13.08
NEW 434392 1 EACH	Maxrad, Inc BMLC 2 Years	100-1000 MHz 17 feet	TNC crimp RG8X	23.00 0.91 0.41	11.50 10.58 10.56
60731 1 EACH	Maxrad, Inc BMML195C 2 Years	100-2400 MHz 17 feet	TNC crimp LMR195	37.90 0.6 0.27	19.70 18.38 17.73
95288 1 EACH	Maxrad, Inc BMSTC 2 Years	100-1000 MHz 17 feet	TNC crimp YR29586-9 Teflon cable	25.00 0.65 0.3	12.50 12.00 11.75
23883 1 EACH	Maxrad, Inc BMCP 90 Days	27-900 17 feet	PL-259 crimp RG58A/U Stranded	15.30 0.62 0.28	7.65 7.34 7.19
NEW 444314 1 EACH	Maxrad, Inc BMSP 2 Years	100-1000 MHz 14 feet	PL-259 RG58A/U Stranded	14.70 0.6 0.27	7.65 7.13 6.88
53636 1 EACH	Antenex MB8PS 2 Years	0-1000 MHz 17 feet	PL-259 RG58A/U Stranded	18.35 0.65 0.3	10.55 8.77 8.21
65601 1 EACH	Antenex MB8XPST 2 Years	0-1000 MHz 17 feet	PL-259 RG8X solid center	24.80 0.8 0.36	14.27 11.87 11.10
68221 1 EACH	Cushcraft/Signals MOT1 1 Year	0-1000 MHz 14 feet	PL-259 RG58A/U Stranded	16.80 1 0.45	8.69 8.12 7.57
88698 1 EACH	Antenex MB8P 2 Years	0-1000 MHz 17 feet	PL-259 crimp RG58A/U Stranded	18.00 0.65 0.3	10.37 8.63 8.07
41793 1 EACH	Cushcraft/Signals MOT2 1 Year	0-1000 MHz 14 feet	PL-259 Teflon crimp White UltraLink	27.20 1 0.45	14.09 13.17 12.27
NEW 429372 1 EACH	Maxrad, Inc BMLP 2 Years	100-1000 MHz 17 feet	PL-259 Teflon RG8X	23.00 0.91 0.41	11.96 11.16 10.77
NEW 51526 1 EACH	Maxrad, Inc BMF 2 Years	100-1000 MHz 17'	Teflon PL259 White Teflon	38.45 0.6 0.27	19.99 18.65 17.99
53758 1 EACH	Cushcraft/Signals MOT7 1 Year	0-1000 MHz 14 feet	PL-259 Teflon crimp RG58A/U Stranded	18.55 1 0.45	9.60 8.97 8.36

Dual 3/4"-3/8" Hole, All Brass

43491

All brass Motorola-style mounts install in a 3/4" or 3/8" hole. Feature a 1-1/8"-18 thread.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30277 1 EACH	Maxrad, Inc MA38 2 Years	100-1000 MHz N/A	Mount Only	7.50 1 0.45	3.90 3.64 3.51

Antennas, Mounts

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Continuing product table (2 of 2)

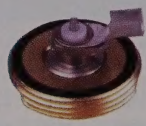
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
39173 I EACH	Antenex MABO 2 Years	0-1000 MHz N/A	Mount Only	7.30 0.65 0.3	4.20 3.50 3.27
NEW 486121 I EACH	Antenex MAB8M 2 Years	0-1000 MHz 17 feet	Mini-UHF RG58A/U Stranded	18.00 0.65 0.3	10.37 8.63 8.07
75546 I EACH	Comtelco CZL04 1 Year	100-1000 MHz 17 feet	Mini UHF Micro Loss 900	22.05 0.5 0.23	9.62 8.91 8.82
NEW 432367 I EACH	Antenex MAB8N 2 Years	0-1000 MHz 17 feet	N crimp RG58A/U Stranded	23.50 0.65 0.3	13.54 11.26 10.53
85365 I EACH	Maxrad, Inc MAML195P 2 Years	100-1000 MHz 17 feet	PL-259 Teflon LMR-195	40.45 0.66 0.3	21.03 19.62 18.93
NEW 495329 I EACH	Maxrad, Inc MALC 2 Years	100-1000 MHz 17'	TNC crimp RG8X	22.85 0.66 0.3	11.89 11.09 10.70
75548 I EACH	Comtelco CZL01 1 Year	100-1000 MHz 17 feet	TNC crimp Micro Loss 900	23.25 0.5 0.23	10.13 9.38 9.29
97114 I EACH	Maxrad, Inc MAC 2 Years	100-1000 MHz 17 feet	TNC crimp RG58/U Solid	17.85 0.62 0.28	8.93 8.57 8.39
43491 I EACH	Maxrad, Inc MA 2 Years	100-1000 MHz 17 feet	PL-259 RG58/U	17.85 0.75 0.34	9.29 8.66 8.36
90780 I EACH	Antenex MAB8PS 2 Years	0-1000 MHz 17 feet	PL-259 RG58A/U Stranded	18.35 0.65 0.3	10.55 8.77 8.21

3/4" Hole, Stainless Steel

Stainless steel Motorola-style mounts install in a 3/4" hole. Feature a 1-1/8"-18 thread.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
38774 I EACH	Maxrad, Inc SMC-NC 90 Days	100-1000 MHz 17 feet	No connector supplied RG58/U Solid	17.30 0.56 0.25	8.65 8.30 8.13
60464 I EACH	Maxrad, Inc SM34 90 Days	0-512 MHz N/A	No connector supplied No cable supplied	10.00 0.25 0.11	5.20 4.85 4.68
70132 I EACH	Maxrad, Inc SMML195BN 2 Years	100-2400 MHz 17 feet	BNC-Male LMR-195	40.90 0.56 0.25	21.26 19.83 19.14
54819 I EACH	Maxrad, Inc SMML195PL 2 Years	100-2400 MHz 17 feet	Mini UHF LMR-195	40.90 0.56 0.25	21.26 19.83 19.14
92998 I EACH	Maxrad, Inc SMPL 2 Years	100-1000 MHz 17 feet	Mini UHF crimp RG58/U Solid	18.30 0.56 0.25	9.52 8.88 8.56
58167 I EACH	Maxrad, Inc SMML195NCP 2 Years	100-2400 MHz 17 feet	N-Male LMR-195	42.40 0.56 0.25	22.04 20.56 19.84
85308 I EACH	Maxrad, Inc SMML195NSO 2 Years	100-2400 MHz 17 feet	N Solder LMR-195	43.40 0.56 0.25	22.56 21.04 20.31
54420 I EACH	Maxrad, Inc SMML195C 2 Years	100-2400 MHz 17 feet	TNC crimp LMR-195	40.90 0.56 0.25	21.26 19.83 19.14
67819 I EACH	Maxrad, Inc SMC 2 Years	100-1000 MHz 17 feet	TNC crimp RG58/U Solid	18.30 0.56 0.25	9.15 8.78 8.60
29426 I EACH	Maxrad, Inc SM 2 Years	0-512 MHz 17 feet	PL-259 RG58A/U Stranded	18.30 0.63 0.29	9.52 8.88 8.56
35984 I EACH	Antenna Specialists KD66 2 Years	100-1000 MHz 17 feet	PL-259 Teflon Proflex 450	27.50 1.23 0.56	14.25 13.75 13.62
36509 I EACH	Antenna Specialists K66 2 Years	100-1000 MHz 17 feet	PL-259 RG58/U Solid	19.75 0.79 0.36	10.24 9.88 9.78
464038 I EACH	Maxrad, Inc SMPCP 2 Years	100-1000 MHz 17 feet	PL-259 crimp RG58/U Solid	18.30 0.56 0.25	9.52 8.88 8.56
85305 I EACH	Maxrad, Inc SMML195P 2 Years	100-2400 MHz 17 feet	PL-259 Teflon LMR-195	40.90 0.56 0.25	21.26 19.83 19.14

3/8" Hole, Stainless Steel



Stainless steel Motorola-style mounts install in a 3/8" hole Feature a 1-1/8"-18 thread.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
13714 I EACH	Maxrad, Inc W38 2 Years	100-1000 MHz N/A	No connector supplied No cable supplied	7.75 0.2 0.09	4.0 3.7 3.6
65249 I EACH	Maxrad, Inc W 2 Years	100-1000 MHz 17 feet	PL-259 RG58A/U Stranded	16.00 0.65 0.3	8.3 7.7 7.4

Thick Mount Surfaces

439362 85434

Special application mounts for thick roofs and faces.

- Antenex MAB series for 3/8" or 3/4" hole. For up to 1/4" thickness.
- Antenex MABVT series for 3/8" or 3/4" hole. For thicknesses from .032" to .500".
- A.S K794 for low profile antennas. For up to 1/2" thickness.
- Maxrad MATM series for 3/8" or 3/4" holes. Insta from below. For 3/16" to 1/4" thickness.
- Maxrad brass BMATM3 series for 3/8" hole. For 1 32" to 1/2" thickness.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
94399 I EACH	Antenex MABTO 2 Years	1-1000 MHz None	No connector supplied None	7.30 0.85 0.39	4.2 3.5 3.2
NEW 439362 I EACH	Antenex MABVT8 2 Years	1-1000 MHz 17'	No connector supplied RG58A/U	24.00 0.85 0.39	13.8 11.5 10.7
15634 I EACH	Antenna Specialists K794 2 Years	30-1000 MHz 17 feet	No connector supplied RG58/U Solid	21.75 0.82 0.37	10.9 10.8 10.6
NEW 441304 I EACH	Maxrad, Inc BMATM38 2 Years	1-1000 MHz None	No connector supplied None	7.75 0.1 0.05	4.0 3.7 3.6
NEW 487302 I EACH	Maxrad, Inc BMATM-NC 2 Years	100-1000 MHz 17 feet	No Connector Supplied RG58/U	18.95 0.54 0.25	9.8 9.2 8.8
491082 I EACH	Maxrad, Inc BMATM3MSMA 2 Years	100-2400 MHz 17 feet	SMA RG58/U Solid	27.10 0.65 0.3	14.0 13.1 12.6
85434 I EACH	Maxrad, Inc BMATM338 2 Years	1-1000 MHz None	Solder Lug None	15.60 0.1 0.05	8.1 7.5 7.3
NEW 422349 I EACH	Maxrad, Inc BMATMFFME 2 Years	100-1000 MHz 17 feet	FME female installed RG58/U Solid	19.95 0.65 0.3	10.3 9.6 9.3
NEW 470370 I EACH	Maxrad, Inc BMATMFPL 2 Years	100-1000 MHz 17 feet	Mini-UHF White Teflon	42.25 0.65 0.3	21.9 20.4 19.7
NEW 424366 I EACH	Maxrad, Inc BMATMNSO 2 Years	100-1000 MHz 17 feet	N solder RG58/U	22.45 0.65 0.3	11.6 10.8 10.5
NEW 440314 I EACH	Maxrad, Inc BMATMC 2 Years	100-1000 MHz 17 feet	TNC crimp RG58/U Solid	19.95 0.62 0.28	9.9 9.5 9.3
NEW 472369 I EACH	Maxrad, Inc BMATMFC 2 Years	100-1000 MHz 17 feet	TNC RG58/U	42.25 0.54 0.25	21.9 20.4 19.7
NEW 429361 I EACH	Maxrad, Inc BMATMLP 2 Years	100-512 MHz 17 feet	Teflon PL259 RG8X	24.00 0.65 0.3	12.4 11.6 11.2
NEW 452311 I EACH	Maxrad, Inc BMATMP 2 Years	100-512 MHz 17 feet	Teflon PL259 solder RG58/U	19.95 0.65 0.3	10.3 9.6 9.3
NEW 493305 I EACH	Maxrad, Inc BMATM 2 Years	100-1000 MHz 17 feet	PL-259 solder RG58/U Solid	19.95 0.65 0.3	10.3 9.6 9.3
66972 I EACH	Cushcraft/Signals MOT5 1 Year	100-1000 MHz 14 feet	PL-259 Crimp RG58A/U Stranded	16.80 0.5 0.23	8.6 8.1 7.5

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ck Mount Surfaces

Requires a 5/8" hole. Can be used with mounting plates of a maximum 1" thickness. For use with Motorola style antennas.

49

o. om	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
21 CH	Maxrad, Inc MTPM 2 Years	100-1000 MHz N/A	UHF-Female. No cable supplied	23.50 0.15 0.07	12.22 11.40 11.00
49 CH	Maxrad, Inc MTPM800 2 Years	100-1000 MHz N/A	N-Female. No cable supplied	28.00 0.15 0.07	14.56 13.58 13.11

ap-In Mounts

Mount "snaps" into a 3/8" hole and accomodates Motorola-style antennas with 1-1/8"-18 thread sizes. Antenna Specialists fits low profile antennas with the included adapter.

52107

o. om	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
07 CH	Maxrad, Inc X38 2 Years	100-1000 MHz N/A	No connector supplied No cable supplied	11.85 0.19 0.09	6.17 5.75 5.55
08 CH	Maxrad, Inc X 3 years	100-1000 MHz 17 feet	PL-259 RG58A/U	18.70 0.56 0.25	9.72 9.07 8.75
01 CH	Antenna Specialists KL768 2 Years	100-800 MHz 17 feet	UHF Male RG58/U	19.25 0.62 0.28	9.73 9.57 9.46
08 CH	Antenex MX8M 2 years	100-1000 17 feet	Mini-UHF RG58A/U	20.65 0.55 0.25	11.88 9.88 9.24

rdware Only

Motorola-style mount installs in a 3/4" hole. No cable or connector supplied.

451189

o. m	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
7 H	Antenex MBO 2 Years	0-1000 MHz N/A	No connector supplied No cable supplied	7.30 0.06 0.03	4.20 3.50 3.27
4 H	Maxrad, Inc BM34 2 Years	0-512 MHz N/A	No connector supplied No cable supplied	7.15 0.06 0.03	3.72 3.47 3.35
9 H	Antenex MXO 2 Years	0-1000 MHz N/A	No connector supplied No cable supplied	9.90 0.65 0.3	5.71 4.75 4.44
1 H	Maxrad, Inc BM34-800 2 Years	450-1000 MHz N/A	No connector supplied No cable supplied	7.15 1 0.45	3.72 3.47 3.35
8 H	Cushcraft/Signals MOT 1 Year	100-1000 MHz N/A	No connector supplied No cable supplied	6.95 0.04 0.02	3.60 3.37 3.14
9 H	Maxrad, Inc MMF 2 Years	>1GHz N/A	No connector supplied No cable supplied	27.00 0.08 0.04	13.50 12.96 12.69
1 H	Radiall/Larsen NMO-B 3 years	27-2400 MHz N/A	No connector supplied No cable supplied	8.35 0.08 0.04	4.92 4.75 4.59

Vandal Proof Mount

Maxrad 5/8" hole vandal proof mount with threaded N female connector. Internal set screw locks antenna on the mount. Order cable and connectors separately.

57726

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
57726 1 EACH	Maxrad, Inc MVP	100-2400 MHz N/A	N/A N/A	43.80 0.25 0.11	21.90 21.02 20.59

Motorola Style, Magnetic [365-15]

CPI – world-class DC, tone, local extensions, multichannel remotes and termination panels for a broad range of mobile and base station radio applications.

Magnetic Mounts

Motorola-style chrome magnet bases provide temporary, easily removable mounts for antennas. Thread size 1-1/8"-18. GR8 series includes a rubber boot to prevent scratching of the vehicle.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
91459 1 EACH	Antenex GR8 2 Years	27-1000 MHz 12'/ Rubber boot	No connector supplied RG58A/U Stranded	34.20 1.21 0.55	19.70 16.38 15.32
46392 1 EACH	Antenex G8BI 2 Years	27-1000 MHz 12 feet	BNC crimp, installed RG58A/U Stranded	35.55 1.21 0.55	20.47 17.02 15.92
45179 1 EACH	Antenex G8MI 2 Years	27-1000 MHz 12 feet	Mini UHF crimp, installed RG58A/U Stranded	35.55 1.1 0.5	20.47 17.02 15.92
74268 1 EACH	Antenex G8XN 2 Years	27-1000 MHz 12 feet	N crimp RG8X Low Loss	47.25 1.21 0.55	27.22 22.64 21.17
25959 1 EACH	Antenex G8PI 2 Years	27-1000 MHz 12 feet	PL259 crimp, installed RG58A/U Stranded	35.80 1.21 0.55	20.61 17.14 16.03
95920 1 EACH	Antenex GR8PI 2 Years	27-1000 MHz 12'/ Rubber boot	PL259 crimp, installed RG58A/U Stranded	38.95 1.21 0.55	22.42 18.64 17.44
64352 1 EACH	Antenex G8UT 2 Years	27-1000 MHz 12 feet	TNC crimp RG58U Solid	40.45 1.21 0.55	23.29 19.37 18.12
24391 1 EACH	Antenex GR8PST 2 Years	27-1000 MHz 12'/ Rubber boot	PL259 Teflon solder RG58A/U Stranded	38.95 2 0.91	22.42 18.64 17.44

Magnetic Mounts

Motorola-style black magnet bases provide temporary, easily removable mounts for antennas. Thread size 1-1/8"-18. GRB8 series includes a rubber boot to prevent scratching of the vehicle.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
71942 1 EACH	Antenex GB8BI 2 Years	27-1000 MHz Black	BNC crimp, installed RG58A/U Stranded	38.45 1.21 0.55	22.14 18.41 17.22
35561 1 EACH	Plus GB8UM 1 Year	100-1000 MHz 12 feet	Mini UHF RG58/U Solid	50.35 1 0.45	21.92 20.58 20.13

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
73954 1 EACH	Plus GB8UN 1 Year	100-1000 MHz 12 feet	N crimp RG58/U Solid	56.85 1 0.45	24.75 23.23 22.73
87168 1 EACH	Plus GB8U 1 Year	100-1000 MHz 12 feet	No connector supplied RG58/U Solid	47.40 1.07 0.49	20.63 19.37 18.95
12745 1 EACH	Antenex GB8PI 2 Years	27-1000 MHz 12 feet	PL259 crimp, installed RG58A/U Stranded	40.10 1.1 0.5	23.09 19.20 17.96
44711 1 EACH	Antenex GBR8PI 12'/ Rubber boot 2 Years	27-1000 MHz	PL259 crimp, installed RG58A/U Stranded	43.25 1.08 0.49	24.89 20.70 19.36
60740 1 EACH	Plus GB8PST 1 Year	100-1000 MHz 12 feet	PL-259 Teflon RG58 A/U Stranded	45.10 1 0.45	19.64 18.44 18.04
22347 1 EACH	Plus GB8UT 1 Year	100-1000 MHz 12 feet	TNC RG58/U Solid	50.35 1 0.45	21.92 20.58 20.13

Magnetic Mounts

Motorola-style magnet bases provide temporary, easily removable mounts for antennas. Thread size 1-1/8"-18. Maxrad B series are black color.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
17474 1 EACH	Comtelco MGAS 1 Year	100-1000 MHz 12 feet	No connector supplied RG58A/U Stranded	26.00 0.9 0.41	16.72 12.25 12.02
66043 1 EACH	Maxrad, Inc RBGNCP 90 Days	100-1000 MHz 12'/ Rubber boot	N Crimp Conn RG58/U Solid	37.90 2 0.91	19.70 18.37 17.73
69068 1 EACH	Maxrad, Inc RBGC 2 Years	100-1000 MHz 12'/ Rubber boot	TNC male crimp RG58/U Solid	36.40 1.23 0.56	18.92 17.64 17.03
71856 1 EACH	Maxrad, Inc RBG//C30LABOR6 2 Years	100-1000 MHz 30'/ Rubber boot	TNC male, installed RG58/U	50.50 2 0.91	25.25 24.24 23.74
14436 1 EACH	Maxrad, Inc RBGBN 90 Days	100-1000 MHz 12'/ Rubber boot	BNC crimp RG58/U Solid	36.40 1.12 0.51	18.92 17.64 17.03
52829 1 EACH	Maxrad, Inc RGBN 90 Days	100-1000 MHz 12'/ Rubber boot	BNC crimp RG58/U Solid	33.90 1.27 0.58	16.94 16.26 15.92
18191 1 EACH	Comtelco MGZS-04 1 Year	100-1000 MHz 12 feet	Mini UHF MicroLoss 900	37.75 0.9 0.41	16.47 15.25 15.10
35722 1 EACH	Maxrad, Inc RBGPL 2 Years	100-1000 MHz 12'/ Rubber boot	Mini UHF crimp RG58/U Solid	36.40 1.12 0.51	18.92 17.64 17.03
42640 1 EACH	Maxrad, Inc RGPL 2 Years	100-1000 MHz 12'/ Rubber boot	Mini UHF crimp RG58/U Solid	33.90 1.21 0.55	17.62 16.43 15.86
53671 1 EACH	Maxrad, Inc RBGPL-LABOR6 2 Years	100-1000 MHz 12'/ Rubber boot	Mini UHF, installed RG58/U Solid	37.75 1.23 0.56	19.62 18.30 17.66
56745 1 EACH	Maxrad, Inc RGFLPL 90 Days	100-1000 MHz 12'/ Rubber boot	Mini UHF crimp RGU-400	58.40 1.32 0.6	30.37 28.33 27.34
66885 1 EACH	Maxrad, Inc RGPL-LABOR6 2 Years	100-1000 MHz 12'/ Rubber boot	Mini UHF, installed RG58/U Solid	35.30 2 0.91	18.34 17.11 16.51
72296 1 EACH	Maxrad, Inc GPL 2 Years	100-1000 MHz 12 feet	Mini UHF crimp RG58/U Solid	30.90 2 0.91	15.44 14.82 14.51
19432 1 EACH	Maxrad, Inc RGNCP 90 Days	100-1000 MHz 12'/ Rubber boot	N crimp RG58/U Solid	35.40 1.35 0.61	18.40 17.16 16.56
60323 1 EACH	Maxrad, Inc GNCP 90 Days	100-1000 MHz 12 feet	N crimp RG58/U Solid	32.40 1.27 0.58	16.84 15.70 15.15
82934 1 EACH	Maxrad, Inc GNSO 2 Years	100-1000 MHz 12 feet	N solder RG58/U Solid	33.40 1.27 0.58	17.36 16.19 15.62
17461 1 EACH	Maxrad, Inc RBGP 2 Years	100-1000 MHz 12'/ Rubber boot	PL-259, Teflon, solder RG58/U Solid	36.40 1.29 0.59	18.92 17.64 17.03
31327 1 EACH	Maxrad, Inc GP 2 Years	100-1000 MHz 12 feet	PL-259, Teflon, solder RG58/U Solid	30.90 2 0.91	16.06 14.98 14.45

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)	T
32051 1 EACH	Maxrad, Inc BGC 2 Years	100-1000 MHz 12 feet	TNC crimp RG58/U Solid	33.40 1.24 0.56	1 1 1
44541 1 EACH	Maxrad, Inc GC 2 Years	100-1000 MHz 12 feet	TNC crimp RG58/U Solid	30.90 1.25 0.57	1 1 1
66036 1 EACH	Maxrad, Inc RGC-LABOR 6 2 Years	100-1000 MHz 12'/ Rubber boot	TNC, installed RG58/U	35.25 1.27 0.58	1 1 1
94899 1 EACH	Maxrad, Inc RGC 2 Years	100-1000 MHz 12'/ Rubber boot	TNC crimp RG58/U Solid	33.90 1.27 0.58	1 1 1

Mini Mag Mounts

Mini-magnet mounts offer removability and a smaller m diameter. Thread size 1-1/8"-18, magnet diameter 2-3/8" Maxrad BG series are black.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)	T
79247 1 EACH	Maxrad, Inc BGMML195-NC 2 Years	100-1000 MHz 12 feet	No connector supplied LMR195	43.60 0.72 0.33	2 2 2
32775 1 EACH	Maxrad, Inc GMBN 2 Years	100-1000 MHz 12 feet	BNC crimp RG58/U Solid	26.65 0.65 0.3	1 1 1
57230 1 EACH	Maxrad, Inc BGMPL 2 Years	100-1000 MHz 12 feet	Mini UHF crimp RG58/U Solid	28.65 0.64 0.29	1 1 1
44584 1 EACH	Antenex GM8PI 90 Days	100-1000 MHz 12 feet	PL-259 RG58A/U Stranded	31.65 0.65 0.3	1 1 1
18837 1 EACH	Maxrad, Inc BGMC 2 Years	100-1000 MHz 12 feet	TNC crimp RG58/U Solid	28.65 0.72 0.33	1 1 1
460127 1 EACH	Maxrad, Inc GML195C 2 Years	100-1000 12 feet	TNC crimp LMR195	46.85 0.65 0.3	2 2 2

Magnetic Mounts

Motorola-style magnet bases provide temporary, easily removable mounts for antennas. Thread size 1-1/8"-18.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)	T
69372 1 EACH	Radiall/Larsen NMOMMRUD25N C 3 yers	100-1000 25'	No connector supplied RG58 A/U Dual Shield	58.60 2 0.91	3 3 3
39600 1 EACH	Radiall/Larsen NMOMMRTNC 3 years	100-1000 MHz 12 feet	TNC, installed RG58/U Stranded	36.85 1.16 0.53	2 2 2
88705 1 EACH	Radiall/Larsen NMOMMRDSTNC 3 years	100-1000 MHz 12' RG58A/U.	TNC crimp Teflon dielectric coax	42.00 1.4 0.64	2 2 2
31382 1 EACH	Radiall/Larsen NMO-MM-R-PL 3 years	100-1000 MHz 12 feet	PL-259 RG58/U Stranded	36.70 1.02 0.46	2 2 2

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gnetic Mounts

Heavy duty magnet mount provides a temporary attachment for Antenna Specialist low profile and 5/8"-24 thread size antennas.

o. m	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
5 H	Antenna Specialists K350 2 Years	100-800 MHz 12 feet	PL-259 RG58/U Solid	45.00 2.19 1	23.31 22.50 22.28

gnetic Mounts

Magnet mount for AS low profile or 5/8"-24 thread size antennas.

o. m	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
4 H	Antenna Specialists KB220 2 Years	30-800 MHz 12 feet	BNC crimp RG58 A/U	31.25 2 0.91	15.79 15.54 15.35
5 H	Antenna Specialists K220 2 Years	30-800 MHz 12 feet	PL-259 RG58 A/U	32.50 1.38 0.63	16.41 16.15 15.95

gnetic Mounts

Larsen black heavy duty rectangular mount for Motorola style antennas. 50 lbs. pull strength.

. n	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
2 H	Radiall/Larsen NMO-MM-MPL 3 years	100-1000 MHz 12 feet	Mini UHF RG58 A/U Stranded	33.70 1.25 0.57	19.87 19.20 18.52
H	Radiall/Larsen NMO-MM-DS-N 3 years	100-1000 MHz 12 feet	N crimp RG58/U dual shielded	43.85 1.38 0.63	25.86 24.33 24.11
H	Radiall/Larsen NMO-MM 3 years	100-1000 MHz 12 feet	PL-259 RG58 A/U Stranded	32.70 1.2 0.55	19.28 18.63 17.97

gnetic Mounts

g product table (1 of 2)

Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Maxrad, Inc RBG 2 Years	0-512 MHz 12 feet	Black/PL-259 RG58A/U Stranded	36.40 1.1 0.5	18.19 16.73 16.70
Maxrad, Inc BGBN 90 Days	0-512 MHz 12 feet	BNC Male RG58A/U Stranded	33.40 1.1 0.5	16.69 15.35 15.32
Maxrad, Inc BGMK 2 Years	100-1000 MHz 12 feet	Phono Plug RG58A/U Stranded	28.65 1.19 0.54	14.32 13.17 13.15
Maxrad, Inc RG 2 Years	0-512 MHz 12 feet	Chrome/PL-259 RG58A/U Stranded	33.90 1.1 0.5	16.94 15.58 15.55
Maxrad, Inc BG 2 Years	0-512 MHz 12 feet	Black/PL-259 RG58A/U Stranded	33.40 1.19 0.54	16.69 15.35 15.32

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
80635 1 EACH	Maxrad, Inc G 2 Years	0-512 MHz 12 feet	Chrome/PL-259 RG58A/U Stranded	30.90 1.21 0.55	15.44 14.20 14.17

Magnetic Mounts

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
23583 1 EACH	Cushcraft/Signals SMGBU 1 Year	0-1000 MHz 12 feet	Teflon PL-259 Black RG58A/U Stranded	39.35 1 0.45	20.39 19.05 17.75
75190 1 EACH	Cushcraft/Signals SMGU 1 Year	0-1000 MHz 12 feet	Teflon PL-259 Chrome RG58A/U Stranded	39.35 1 0.45	20.39 19.05 17.75
11468 1 EACH	Cushcraft/Signals SLMGM 1 Year	0-1000 MHz 12 feet	Mini-UHF Male Chrome UltraLink Low Loss	55.20 2 0.91	28.60 26.72 24.90
78788 1 EACH	Cushcraft/Signals SLMG 1 Year	0-1000 MHz 12 feet	No connector supplied UltraLink Low Loss	55.20 1 0.45	28.60 26.72 24.90
88404 1 EACH	Cushcraft/Signals SLMGBU 1 Year	0-1000 MHz 12 feet	Teflon PL-259 Black UltraLink Low Loss	55.20 1 0.45	28.60 26.72 24.90

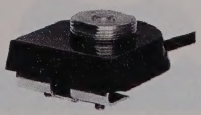
Motorola Style, Trunk Lip [365-20]

Trunk Lip Mounts

Motorola-style trunk lip mount. Also fits Cushcraft SN-style antennas. 1-18"-18 thread size.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
97346 1 EACH	Cushcraft/Signals STL 1 Year	0-1000 MHz 12 feet	Teflon PL-259 RG58A/U Stranded	39.75 1 0.45	20.58 19.23 17.92

Trunk Lip Mounts



Motorola-style 1-1/8"-18 thread size trunk lid mount installs in the seam between the fender and trunk deck lid. Features a heavy duty bracket that resists bending.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
15909 1 EACH	Antenex TMB8UPST 2 Years	0-1000 MHz 17 feet	Teflon PL-259 RG58U Solid	38.65 0.82 0.37	22.27 18.52 17.32
456174 1 EACH	Antenex TM8X 2 Years	0-1000 MHz 17 feet	No connector supplied RG8X	52.15 0.76 0.35	30.03 24.97 23.36
NEW 459367 1 EACH	Antenex TMB8X 2 Years	0-1000 MHz 17 feet	No connector supplied RG8X	60.45 0.76 0.35	34.82 28.96 27.08
50921 1 EACH	Antenex TM8PS 2 Years	0-1000 MHz 17 feet	PL-259 solder RG58A/U Stranded	30.05 0.76 0.35	17.31 14.40 13.47
52655 1 EACH	Antenex TMB8UN 2 Years	0-1000 MHz 17 feet	N crimp connector RG58U Solid	43.40 0.76 0.35	24.98 20.77 19.43
56237 1 EACH	Antenex TMB8U 2 Years	0-1000 MHz 17 feet	No connector supplied RG58U Solid	32.60 1 0.45	18.78 15.62 14.60

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
56353 I EACH	Antenex TM8 2 Years	0-1000 MHz 17 feet	No connector supplied RG58A/U Stranded	26.30 0.72 0.33	15.14 12.59 11.77
63301 I EACH	Antenex TM8U 2 Years	0-1000 MHz 17 feet	No connector supplied RG58U Solid	28.30 0.76 0.35	16.30 13.56 12.68
24709 I EACH	Maxrad, Inc TC-NC 2 Years	0-1000 MHz 17 feet	No connector supplied RG58/U Solid	21.05 0.64 0.29	10.53 10.11 9.90
33844 I EACH	Antenna Specialists K721 2 Years	0-1000 MHz 17 feet	No connector supplied RG58/U Solid	48.75 1.25 0.57	24.62 24.23 23.94
43292 I EACH	Maxrad, Inc TC 2 Years	0-1000 MHz 17 feet	TNC male crimp RG58/U Solid	22.05 0.73 0.33	11.03 10.59 10.37
44414 I EACH	Maxrad, Inc T 2 Years	0-1000 MHz 17 feet	PL-259 RG58/U Solid	22.05 0.76 0.35	11.03 10.15 10.13
57628 I EACH	Maxrad, Inc TP 2 Years	0-1000 MHz 17 feet	Teflon PL-259 solder RG58/U Solid	22.05 0.8 0.36	11.47 10.70 10.32
81619 I EACH	Maxrad, Inc TPL 2 Years	0-1000 MHz 17 feet	Mini UHF male crimp RG58/U Solid	22.05 1.5 0.68	11.47 10.70 10.32
40142 I EACH	Maxrad, Inc TLP 2 Years	0-1000 MHz 17 feet	Teflon PL-259 solder RG8X	27.50 1.06 0.48	14.30 13.34 12.87
78535 I EACH	Maxrad, Inc TTT 2 Years	0-1000 MHz Mount Only	No connector supplied N/A	14.20 0.21 0.1	7.38 6.88 6.64

Trunk Lip Mounts

Motorola-style trunk lip mount, 1-1/8"-18 thread size.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
13172 I EACH	Radiall/Larsen NMO-TLM 3 years	0-500 MHz 17 feet	Chrome/PL-259 solder RG58A/U Stranded	30.45 0.98 0.45	17.95 17.34 16.74

Trunk Lip Mounts

Motorola-style trunk lip mount, 1-1/8"-18 thread.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
38351 I EACH	Radiall/Larsen NMO-TMB 3 years	0-500 MHz 17 feet	PL-259 solder RG58A/U Stranded	19.25 0.74 0.34	11.36 10.98 10.59

Trunk Lip Mounts

Motorola-style trunk lip mount, 1-1/8"-18 thread size, cellular not supported.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
90866 I EACH	Radiall/Larsen NMO-TLP 3 years	0-500 MHz 17 feet	Chrome/PL-259 solder RG58A/U Stranded	29.35 0.98 0.45	17.31 16.72 16.14

Trunk Lip Mounts

Maxrad black mini trunk lid mount. For use with Moto style antennas.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)
97270 I EACH	Maxrad, Inc BMT 2 Years	30-512 17 feet	PL259 (UHF Male) RG58/U Solid	35.80 1 0.45
65448 I EACH	Maxrad, Inc BMTC 2 Years	0-1000 MHz 17 feet	TNC male crimp RG58/U Solid	35.80 0.87 0.4
95559 I EACH	Maxrad, Inc BMT-NC 2 Years	0-1000 MHz 17 feet	No connector supplied RG58/U Solid	34.80 0.87 0.4
13841 I EACH	Maxrad, Inc BMTFPL 2 Years	0-1000 MHz 17 feet	Mini UHF male crimp Teflon	57.30 0.91 0.41
70902 I EACH	Maxrad, Inc BMTPL 2 Years	0-1000 MHz 17 feet	Mini UHF male crimp RG58/U	35.80 0.91 0.41

Trunk Lip Mounts

Motorola trunk lip mount provides a quick method of t rary installation needing no holes. Mylar pads provided prevent scratching.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)
31788 I EACH	Comtelco TKAL 2 Years	0-1000 MHz 17 feet	No connector supplied RG58A/U	22.30 0.5 0.23

Motorola Style, Mirror, Gutter [365-25]

Mirror Mounts

Mirror mount with bracket assembly. Thread size 1-1/8' BM series is black. Bracket without the mount sold sep rately, see Group 360-75.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)
46713 I EACH	Maxrad, Inc BMBMC 2 Years	0-1000 MHz 17 feet	TNC male crimp RG58/U Solid	27.70 0.91 0.41
23646 I EACH	Maxrad, Inc MBM 2 Years	0-1000MHz 17 feet	PL259 RG58A/U	25.70 1 0.45
34748 I EACH	Maxrad, Inc BMBMPL 2 Years	0-1000 MHz 17 feet	Mini UHF male crimp RG58/U Solid	27.70 0.91 0.41
63869 I EACH	Maxrad, Inc MBMPL 2 Years	0-1000 MHz 17 feet	Mini UHF male crimp RG58/U Solid	25.70 1 0.45
77167 I EACH	Maxrad, Inc MBM-NC 2 Years	0-1000MHz 17 feet	No connector supplied RG58A/U	24.70 0.95 0.43
91222 I EACH	Maxrad, Inc BMBM 90 Days	0-512 MHz 17 feet	UHF male solder RG58/U Solid	27.70 0.91 0.41

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utter Clamp Mount

Gutter clamp with low profile mount. Accepts Motorola or Antenna Specialists low profile antennas. Not suitable for cellular use.

No. Jom	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
66 CH	Antenna Specialists ASPR332 2 Years	0-500 MHz 10 feet	PL-259 RG58A/U Stranded	44.50 0.83 0.38	22.48 22.12 21.85

5/16" x 24 Stud Type, Permanent Hole [365-30]

rmanent Hole Mount

Stud-type 3/8" or 3/4" permanent hole mount. Features 5/16"-24 thread.

No. Jom	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
61 CH	Maxrad, Inc L 2 Years	0-1000 MHz 17 Feet	UHF-Male PL259 RG58U	14.10 0.5 0.23	7.32 6.82 6.58
25 CH	Radiall/Larsen LM-K-UD 3 years	0-1000 MHz 17 Feet	No connector supplied RG58/U Dual Shield	16.80 0.56 0.25	7.10 6.87 6.71
93 CH	Radiall/Larsen LM-K-UD-N 3 years	0-1000 MHz 17 Feet	N male crimp RG58/U Dual Shield	19.35 0.99 0.45	11.41 11.02 10.64
10 CH	Radiall/Larsen LM-B 3 years	0-1000 MHz N/A	No connector supplied No cable supplied	5.85 0.08 0.04	3.44 3.33 3.21
17 CH	Radiall/Larsen LM-K-TNC 3 years	0-1000 MHz 17 Feet	TNC male crimp RG58A/U Stranded	21.75 0.59 0.27	9.20 8.90 8.70
13 CH	Radiall/Larsen LM K UD TNC 3 years	0-1000 MHz 17 Feet	TNC male crimp RG58/U Dual Shield	21.75 1.01 0.46	9.20 8.90 8.70
22 CH	Radiall/Larsen LM-K-FME 3 Years	0-1000 MHz 17 feet	FME RG58A/U	15.35 0.65 0.3	9.05 8.74 8.44
6 CH	Radiall/Larsen LM-K 3 years	0-1000 MHz 17 Feet	UHF male solder RG58A/U Stranded	15.20 0.65 0.3	8.95 8.65 8.35
9 H	Radiall/Larsen LM-K-DS-PL 3 years	0-1000 MHz 17 Feet	PL-259 RG58A/U Dual Shield	30.50 0.61 0.28	12.90 12.47 12.20

5/16" x 24 Stud Type, Magnetic [365-35]

gnetic Mounts

Mini-magnet bases act as temporary, easily removable mounts with 5/16"-24 threads and 2-3/8" diameter magnets.

o. m	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
3 H	Maxrad, Inc GL 2 Years	0-1000 MHz 12 Feet	PL-259 crimp RG58A/U Stranded	22.05 0.72 0.33	11.03 10.59 10.37
8 H	Maxrad, Inc GL-NC 2 Years	0-1000 MHz 12 Feet	None RG58A/U Stranded	21.05 0.7 0.32	10.53 10.11 9.90
2 H	Maxrad, Inc GLNSO 2 Years	0-1000 MHz 12 Feet	N male RG58/U Solid	24.55 0.65 0.3	12.77 11.91 11.49

Magnetic Mounts

Stud-type magnetic base provides temporary, easily removable mounting. Thread size 5/16"-24.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
89137 1 EACH	Radiall/Larsen LM-MM-R 3 years	0-1000 MHz 12 Feet	UHF male attached RG58A/U Stranded	36.25 1.14 0.52	21.39 20.67 19.94

Magnetic Mounts

Heavy duty rectangular magnet mount. 50 pounds of pull strength. 5/15" x 24 stud connector.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
51993 1 EACH	Radiall/Larsen LM-MM 3 years	0-1000 MHz 12 Feet	UHF male attached RG58A/U Stranded	33.45 1.2 0.55	19.72 19.05 18.39

5/16" x 24 Stud Type, Trunk Lip [365-40]

Trunk Lip Mounts

Stud-type trunk lid mount with 5/16"-24 thread size.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
56705 1 EACH	Maxrad, Inc LT 2 Years	0-1000 MHz 17 Feet	PL-259 solder RG58A/U Stranded	23.20 0.72 0.33	12.07 11.26 10.86

Trunk Lip Mounts

Stud-type trunk gutter mount with 5/16"-24 thread size.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
75923 1 EACH	Radiall/Larsen LM-TMB 3 years	0-512 MHz 17 Feet	UHF male PL-259 RG58A/U Stranded	18.35 0.73 0.33	10.82 10.45 10.09

Trunk Lip Mounts

Stud-type trunk lid mount with 5/16"-24 thread size.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37530 1 EACH	Radiall/Larsen LM-TLP 3 years	0-512 MHz 17 Feet	PL-259 solder RG58/U Solid	24.20 0.98 0.45	14.26 13.78 13.30

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Larsen PO, NLA, BNC Style [365-45]

PO style (so239) Mount

Heavy duty rectangular magnet mount. 50 pounds of pull strength. PO/ UHF style mount. Cellular frequencies not supported.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
83713 I EACH	Radiall/Larsen PO-MM 3 years	0-512 MHz 12 feet	PL-259 snap-on RG58A/U Stranded	36.70 1.36 0.62	21.64 20.91 20.17

BNC Mount

BNC to BNC magnetic mount unit allows a portableradio antenna to be mounted outside a vehicle for mobile operation. Heavy duty. 50 pounds of pull strength.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
39727 I EACH	Radiall/Larsen BNC-MM-BNC 3 years	0-1000 MHz 12 feet	BNC male RG58A/U Stranded	46.70 1.34 0.61	27.54 26.61 25.67

Antenna Specialists Non Motorola Type [365-55]

If you are buying these, you will need:

Fish Tapes and Wire Installation.....page 1600

Mag Mount for Low Profile Ant

For use with Antenna Specialists antennas with a Male/Female contact.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
78124 I EACH	Antenna Specialists K350T 2 Years	800-1000 MHz 12 feet	TNC male RG58/U Solid	45.00 1.76 0.8	23.31 22.50 22.28
91338 I EACH	Antenna Specialists K350N 2 Years	800-1000 MHz 12 feet	N male RG58/U Solid	53.00 1.81 0.82	27.46 26.50 26.24

Permanent 3/8" Snap-in Mount

Permanent 3/8" hole rooftop mount with snap-in installation for ASP-201 series antennas.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
40256 I EACH	Antenna Specialists K44 2 Years	0-1000 MHz N/A	No connector supplied No cable supplied	12.25 0.16 0.07	6.35 6.13 6.07

3/4" Hole Mount -Male Contact

3/4" hole mount with male/female contact. Provides posi connection for noiseless duplex/ telephone operation.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
71155 I EACH	Antenna Specialists K166T 2 Years	800-1000 MHz 17 feet	TNC male RG58/U Solid	22.50 0.79 0.36	11. 11. 11.
49198 I EACH	Antenna Specialists KD166T 2 Years	800-1000 MHz 17 feet	TNC male crimp Proflex	28.75 1.29 0.59	14. 14. 14.
45976 I EACH	Antenna Specialists K166M 2 Years	800-1000 MHz 17 feet	Mini UHF male RG58/U Solid	22.50 0.79 0.36	11. 11. 11.
10805 I EACH	Antenna Specialists KD166N 2 Years	800-1000 MHz 17 feet	N male Proflex	33.75 1.29 0.59	17. 16. 16.
79002 I EACH	Antenna Specialists KEX166 2 Years	800-1990 MHz 17 feet	No connector supplied Proflex Plus	23.75 1.29 0.59	12. 11. 11.

Toggle Rooftop Mount

3/4" toggle rooftop mount for standard base loaded ante

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
64186 I EACH	Antenna Specialists K49 2 Years	0-1000 MHz N/A	No connector supplied No cable supplied	20.00 0.17 0.08	10. 9. 9.

3/8" Snap-In Mount

3/8" hole snap-in mount for standard base loaded antenn

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Frequency Cable Length	Connector Cable Type	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
24544 I EACH	Antenna Specialists K57 2 Years	0-1000 MHz N/A	No connector supplied No cable supplied	21.90 0.22 0.1	11. 10. 10.

Marine Mounting Hardware [365-65]

Deck Mounted Ratchet

Four-way stainless steel adjustable ratchet marine mount be mounted to any flat surface. 1"-14 male thread.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
52515 I EACH	Maxrad, Inc MASMSS 2 Year	Deck mounted ratchet mount	68.00 1.51 0.69	35. 32. 31.

NEW = New Listing. Pricing for reference o See TESSCO.com for latest pricing and prod Copyright 2003 all rights reserved.

ylon Ratchet Mount

D. Lilly four way nylon ratchet mount with cable feed-thru hole. 1"-14 male thread. Mounting hardware included.

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
54 CH	D. Lilly & Company 206B 1 Year	White nylon ratchet mount	31.50 0.82 0.37	13.50 12.83 12.60

inless Steel Ratchet Mount

D. Lilly four way stainless steel ratchet mount with cable feed-thru hole. 1"-14 male thread. Mounting hardware included.

lo. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
3 H	D. Lilly & Company 101 1 Year	Stainless Steel Ratchet Mount	81.20 2.52 1.15	34.80 33.06 32.48

l Mounted Ratchet

D. Lilly marine stainless steel rail ratchet mount. 1"-14 male thread.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
7 H	D. Lilly & Company 104 1 Year	Rail mounted ratchet mount for 7/8" to 1 " rails.	67.20 1.51 0.69	28.80 27.36 26.88

Mounted Ratchet

Four-way adjustable chrome plated brass ratchet marine mount. Rotates 360 degrees on both the horizontal and vertical planes. Easily mounts on any 7/8" to 1" diameter rail. 1"-14 male thread.

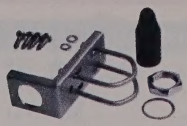
. n	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
H	Maxrad, Inc MARM 2 Year	Rail mounted ratchet mount	52.00 1.51 0.69	27.04 25.22 24.34

ersal Mount

Celwave universal marine mount. Allows top mounting on 1-3/8" - 1-1/2" support pipe or side mounting on masts up to 2-1/4" diameter. 1"-14 female thread.

n	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
	AC Marine A/S N275F 1 Year	Universal Mount	65.20 1.45 0.66	40.42 37.49 36.51

Sailboat Mast Mount



Celwave sailboat mast mount. For wall surfaces or vertical/horizontal rails up to 1-1/2" in diameter. Includes rubber weather shield screw and U-bolt fasteners.

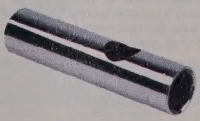
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
90191 1 EACH	AC Marine A/S N295-F 1 Year	Sailboat Mast Mount	58.45 0.47 0.21	36.24 33.61 32.73

Stand-off Mount

Celwave marine mount provides 5" of stand-off. For use with 1-1/4" - 2-3/8" diameter rail or mast.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
53047 1 EACH	AC Marine A/S N230F 1 Year	Stand-Off Mount	21.70 1.05 0.48	13.43 12.46 12.13

Marine Adapter



Celwave marine chrom plated brass adapter. 1"-14 female thread on both ends. For use with Celwave marine antennas and ratchet mounts.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
65012 1 EACH	AC Marine A/S N280-01F 1 Year	1"-14 marine adapter with female threads.	27.75 0.26 0.12	17.18 15.94 15.52

Marine Adapter w/ Cable, Connector

Celwave adapter with cable. Couples antennas to any 1"-14 male threaded marine mount. Includes 18' RG58A/U white marine cable and N male connector.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
51798 1 EACH	RFS Celwave N280-N 1 Year	Adapter with cable and (1) N male connector	38.40 0.99 0.45	23.81 22.08 21.50

Marine Coax Feed Thru

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
48051 1 EACH	AC Marine A/S H001F 1 Year	Deck mount feed through for RG8/213 size cables.	13.00 0.11 0.05	8.06 7.48 7.28
86444 1 EACH	AC Marine A/S H010F 1 Year	Deck mount feed through for RG58 size cable.	8.70 0.25 0.11	5.37 4.98 4.85

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Slide Mounts [140-10]

If you are buying these, you may need:

Butt Connectors . . . . . page 1729
Automotive Hookup Wire. . . . . page 1762
Screws, Sheet Metal and TEK. . . . . page 1751

Gamber Johnson Mounts, Complete

Super Slide radio mount helps you put a stop to mobile radio break-ins, vandalism and theft. Allows removal for security, repair or mobility between vehicles. Molded from ABS thermoplastic for toughness and strength. Includes both radio and stationary half.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Type	Contacts Construction	Connector Hardware Incl	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
34803 1 EACH	Gamber Johnson SS-100 3 Years	Complete Mount	4 pins ABS Plastic	UHF No	104.00 1.83 0.83	62.92 60.84 59.18
60350 1 EACH	Gamber Johnson SS-100M 3 Years	Complete Mount	4 pins ABS Plastic	Mini-UHF No	123.00 1.61 0.73	74.42 71.96 69.99

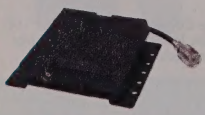
Gamber Johnson Radio Half

73196

Removing the radio automatically disconnects all wiring to it. Replacing it automatically reconnects it...in one second! Radio half of the slide mount. Must be used with the stationary half to work. Molded from ABS thermoplastic for toughness and strength. No hardware.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Type	Contacts Construction	Connector Hardware Incl	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
73196 1 EACH	Gamber Johnson SS-103 3 Years	Radio Half SS-100	4 pins ABS Plastic	UHF M No	69.00 1.16 0.53	41.75 40.37 39.27

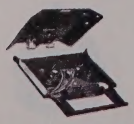
Gamber Johnson Stationary Half



Super Slide stationary half for use with the Gamber Johnson radio half. Allows one radio to be used in multiple vehicles or boats.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Type	Contacts Construction	Connector Hardware Incl	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
21589 1 EACH	Gamber Johnson SS-101 3 Years	Stationary Half SS-100	4 pins ABS Plastic	UHF No	49.00 0.71 0.32	29.65 28.67 27.89

SDI Slide Mount



Quick Connection radio slide mount provides added security, cost savings and convenience for your two-way radio. Made from 16 ga. steel with a black satin finish, the heavy duty construction stands up to demanding use. Includes both step and stationary half.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Type	Contacts Construction	Connector Hardware Incl	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
86169 1 EACH	Scientific Dimensions SDI1050M 1 Year	Complete Mount	4 gold pins 16 ga. steel	Mini U Yes	95.35 2 0.91	67.88 65.78 65.21
98993 1 EACH	Scientific Dimensions SDI1050N 1 Year	Complete Mount	4 gold pins 16 ga. steel	N M/F Yes	159.00 2.19 1	113.21 109.71 108.76

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Type	Contacts Construction	Connector Hardware Incl	List ($) Wt. (lbs) Wgt. (kg.)	T
47386 1 EACH	Scientific Dimensions SDI1050T 1 Year	Complete Mount	4 gold pins 16 ga. steel	TNC Yes	116.70 1.98 0.9	8 8 7
60600 1 EACH	Scientific Dimensions SDI1050 1 Year	Complete Mount	4 gold pins 16 ga. steel	UHF Yes	90.25 1.8 0.82	6 6 6
34172 1 EACH	Scientific Dimensions SDI1150 1 Year	Complete Mount	10 gold pins 16 ga. steel	UHF Yes	132.00 2.14 0.97	9 9 9

SDI Slide Mount Radio Half

The Quick Connection radio half slide mount is used w the stationary half. Removes mobile radio for rapid ser or use of a "float" radio for total customer satisfaction. on multiple radios for taxicab fleets, farm equipment, sc buses, railroads or construction.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Type	Contacts Construction	Connector Hardware Incl	List ($) Wt. (lbs) Wgt. (kg.)	T
11572 1 EACH	Scientific Dimensions SDI950MOD 1 Year	Radio Half w/o harness	4 gold pins 16 ga. steel	None Yes	25.00 1 0.45	1 1 1
47357 1 EACH	Scientific Dimensions SDI950M 1 Year	Radio Half 1050 series	4 gold pins 16 ga. steel	Mini U Yes	55.80 2 0.91	3 3 3
77036 1 EACH	Scientific Dimensions SDI950N 1 Year	Radio Half 1050 series	4 gold pins 16 ga. steel	None Yes	78.25 1.28 0.58	5 5 5
38643 1 EACH	Scientific Dimensions SDI950 1 Year	Radio Half 1050 series	4 gold pins 16 ga. steel	UHF Yes	56.80 1.21 0.55	4 3 3

SDI Slide Mount Stationary Half

The Quick Connection stationary half slide mount for with the half. Allows one radio to be used in multiple ve or boats.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Type	Contacts Construction	Connector Hardware Incl	List ($) Wt. (lbs) Wgt. (kg.)	T
63179 1 EACH	Scientific Dimensions SDI850MOD 1 Year	Stationary Half w/ o harness	4 gold pins 16 ga. steel	None Yes	21.90 1 0.45	1 1 1
34143 1 EACH	Scientific Dimensions SDI850M 1 Year	Stationary Half 1050 series	4 gold pins 16 ga. steel	Mini-UHF Yes	50.65 0.93 0.42	3 3 3
13464 1 EACH	Scientific Dimensions SDI850N 1 Year	Stationary Half 1050 series	4 gold pins 16 ga. steel	N Yes	85.70 1.09 0.5	6 5 5
51857 1 EACH	Scientific Dimensions SDI850T 1 Year	Stationary Half 1050 series	4 gold pins 16 ga. steel	TNC Yes	53.95 1.02 0.46	3 3 3
65071 1 EACH	Scientific Dimensions SDI850 1 Year	Stationary Half 1050 series	4 gold pins 16 ga. steel	UHF Yes	45.75 0.93 0.42	3 3 3
22178 1 EACH	Scientific Dimensions SDI1250M 1 Year	Stationary Half 1150 series	10 gold pins 16 ga. steel	Mini U Yes	69.90 1 0.45	4 4 4

NEW = New Listing. Pricing for reference See TESSCO.com for latest pricing and pro
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Fixed Radio Mounting Brackets [140-40]

Degree Fixed Bracket

Provides 20 degree radio mounting angle. Can be used with any Gamber Johnson Super Slide (tm) mount. 4.2L x 4.7W x 1.7 at apex.

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
75 CH	Gamber Johnson SS-106 3 Years	Replaces flat plate furnised with Super Slide mount. 4.2L x 4.7W x 1.7H at highest point	14.00 0.44 0.2	8.47 8.19 7.97

Hump Radio Mount

347

Universal heavy duty mount for side hump installs. Tilts up to 90 degrees on one side. Holds up to 10 pound radios without strain. Single control knob holds position. Includes set screws for a cleaner installation.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
7 H	PanaVise 950-06 Lifetime	6" heavy duty radio mount.	30.60 2 0.91	22.05 18.90 15.28
2 H	PanaVise 950-09 Lifetime	9" heavy duty radio mount.	31.55 2 0.91	22.75 19.50 15.76

Hump Radio Mount

Universal heavy duty mount for top hump installs. Tilts up to 45 degrees on two opposite sides. Holds up to 10 pound radios without strain. Single control knob holds position. Includes set screws for a cleaner installation.

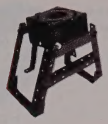
o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1 H	PanaVise 951-06 Lifetime	6" heavy duty radio mount.	31.05 1.8 0.82	22.40 19.20 15.52
7 H	PanaVise 951-09 Lifetime	9" heavy duty radio mount.	32.00 1.92 0.87	23.10 19.80 16.00

Tilt Swivel Base Bracket

Versatile mount allows you to select any angle from flat to 50 degrees and lock into place. Also swivels 50 degrees.

Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
Scientific Dimensions SDI500 lifetime	Tilt and Swivel 3.75"W x 3.5"D	35.40 1.38 0.63	25.19 24.41 24.20

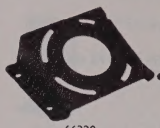
Adj. Tilt and Swivel Bracket



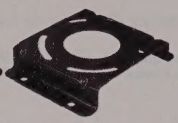
Versatile mount allows you to select any angle from flat to 50 degrees and lock into place. 50 degrees of swivel. Application: Straddle vehicle transmission hump or offset passenger side.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
93997 1 EACH	Scientific Dimensions SDI500MOD lifetime	SDI 500 with 7" support legs.	62.25 3.28 1.49	44.31 42.94 42.57

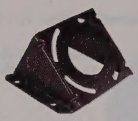
Fixed Angle Base Brackets



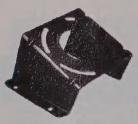
66320



14713



91499

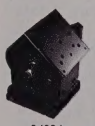


90856

Allows 50 degrees of swivel. Ideal for floor, ceiling or under the dash mounting.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
66320 1 EACH	Scientific Dimensions SDI550 lifetime	Fixed 25 degree angle mount. 3.75"W x 3.5"D	7.50 0.46 0.21	5.32 5.16 5.11
14713 1 EACH	Scientific Dimensions SDI555 lifetime	Flat bracket for wall or floor mounting. 3.75"W x 3.5"D	7.45 0.36 0.16	5.29 5.13 5.09
91499 1 EACH	Scientific Dimensions SDI560 lifetime	Fixed 50 degree angle mount. Angles from 1/2" to 3" high. 3.75"W x 3.5"D	9.85 0.46 0.21	7.00 6.79 6.73
90856 1 EACH	Scientific Dimensions SDI570 lifetime	Fixed 25 degree angle mount. Built- in standoff elevates more than SDI550. Angles from 1 3/4" to 2 1/2". 3.75"W x 3.5"D	10.95 0.57 0.26	7.79 7.55 7.48

Heavy Duty Tilt and Swivel



34094

Heavy Duty Tilt (90 degrees) and Swivel (180 degrees). Robust mounting platform supports radios, MDT's, laptops, etc.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
34094 1 EACH	Scientific Dimensions SDI7002A lifetime	Heavy Duty Tilt and Swivel	72.90 5 2.27	51.91 50.31 49.87

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SMC Heavy Duty Mounts

25484

Heavy duty machined aluminum contruction pedestal mounts with 1 1/4" shaft. Feature 360 degree rotation top and base. 4" aluminum top and 3" base. Ideal for Mobile Data Terminals, laptops, or fax machines. 3" round, cupped base is standard on 5" mount. 4" square, flat base is standard on the 9" mount. Top plate is 4" sqaure, slotted for versatility.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
25484 1 EACH	SMC Electromount 32BTD Lifetime	5" heavy duty mount	60.80 0.75 0.34	31.31 30.94 30.40
11745 1 EACH	SMC Electromount 52BTD Lifetime	9" heavy duty mount	87.00 1 0.45	44.78 44.26 43.48

Low Profile Swivel Base

441129

Low profile heavy-duty friction swivel base. Swivels 170 degrees left to right. 1/8" thick metal. 2 3/8"H x 4"W x 4"D.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
441129 1 EACH	Scientific Dimensions SDI7002-5 lifetime	Low Profile Friction Swivel Base, 170 degrees swivel.	42.90 3.13 1.42	30.53 29.58 29.33
NEW **442328** 1 EACH	Scientific Dimensions SDI7002-6 lifetime	Low Profile Tilt Swivel Base. 0-90 tilt, 170 swivel.	50.00 3.13 1.42	35.60 34.50 34.20

Low Profile Small Device Pedestal

423338 488307 490303

Low profile pedestal for small devices. AMPS top mounting plate with friction swivel and knob-locking tilt adjustment.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **423338** 1 EACH	Scientific Dimensions SDI5020HDK lifetime	4.5" low profile pedestal.	44.00 2 0.91	31.33 30.36 30.10
NEW **488307** 1 EACH	Scientific Dimensions SDI5120HDK lifetime	7.5" low profile pedestal.	55.00 2 0.91	39.16 37.95 37.62
NEW **490303** 1 EACH	Scientific Dimensions SDI5220HDK lifetime	10.5" low profile pedestal.	61.70 2 0.91	43.91 42.55 42.18

Mounts

Stacking Brackets for Multiple Radios [140-50]

If you are buying these, you may need:

Tool Kits, Complete. . . . . page 1
Screws, Sheet Metal and TEK . . . . . page 1
Metal Piercing Stingers . . . . . page 1

Gamber Johnson Stackmaster Mounts

91931

StackMaster allows for mounting two, three or four radios. The base adjusts to size and shape of the the transmission hump. It also can be mounted on a flat s The radio stack can be shifted from side to side and rotated to a convenient a Radios can be individually tilted.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description,	List ($) Wt. (lbs) Wgt. (kg.)
53538 1 EACH	Gamber Johnson SM-202 3 Years	Mounting system for two units.	114.00 8.15 3.7
65597 1 EACH	Gamber Johnson SM-203 3 Years	Mounting system for maximum of three units.	129.00 9.56 4.35
91931 1 EACH	Gamber Johnson SM-204 3 Years	Mounting system for a maximum of four units.	139.00 10.55 4.79

Gamber Johnson ShortStack Mount

40324

ShortStack is ideal for mounting two radio units compactly below the da most standard cars. The convenient 20 degree tilt puts control in clear vi within easy reach. This smaller mount has the same width adjustment an mounting features as the StackMaster. Attaches securely to the floor or h any vehicle.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description,	List ($) Wt. (lbs) Wgt. (kg.)
40324 1 EACH	Gamber Johnson SM-212 3 Years	Mounting system for maximum of two units.	49.00 3.45 1.57

Gamber Johnson Floor Master Mounts

AIR BAG FRIENDLY (tm) mounts provide mounting o mobile communications equipment outside the airbag ment zone as defined for 1994 police package vehicles zontal racks fit between the seats or up front over the without interfearing with airbag deployment. Front par faces upward and easily adjusts.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description,	List ($) Wt. (lbs) Wgt. (kg.)
65402 1 EACH	Gamber Johnson SM-402 3 Years	Two unit mount	104.00 5.5 2.5
75576 1 EACH	Gamber Johnson SM-403 3 Years	Three unit mount	104.00 6.75 3.07
95255 1 EACH	Gamber Johnson SM-404 3 Years	Four unit mount	119.00 7.8 3.55
86491 1 EACH	Gamber Johnson SM-405 3 Years	Five unit mount	134.00 9 4.09

NEW = New Listing. Pricing for referenc
See TESSCO.com for latest pricing and p
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DI Expandable Tray Sets

22207

95246

25277

SDI Tray sets are quite versatile, fully adjustable interlocking tray system. It can accomodate multiple communications devices such as mobile data terminals, sirens, scanners and mobile radios. Each tray consists of two interlocking halves that adjust and lock with screws. Cushions isolate radios from vibrations.

No. Uom	Manufacturer Mfg. P/N Warranty	Description,	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
207 ACH	Scientific Dimensions SDI1000 Lifetime	One-tray set on a SDI 1992-1 (6 1/2" x 5 " interface nut plate, no studs). No base.	41.15 1.05 0.48	29.29 28.38 28.14
246 ACH	Scientific Dimensions SDI2000 Lifetime	Consists of (2) SDI1000 trays ONLY. No base.Adds additional level.	51.30 1.93 0.88	36.51 35.38 35.07
277 ACH	Scientific Dimensions SDI2570 Lifetime	Two level stack tray mounted on a 25 degree angle base.	104.25 4.8 2.18	74.22 71.92 71.30

DI Stack Tray Mounts

639

Stack tray mounted on SDI 500MOD 7" support legs. Application: Straddle vehicle floor hump or offset to passenger side.

No. Uom	Manufacturer Mfg. P/N Warranty	Description,	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
39 CH	Scientific Dimensions SDI2500 Lifetime	2 level stack tray on 7" legs.	165.45 6.14 2.79	117.79 114.15 113.16

I Simplified Console Mount

99486

Simplified console mount for up to three devices. Flat plate is included. Mounting options are available.

No. Uom	Manufacturer Mfg. P/N Warranty	Description,	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36 CH	Scientific Dimensions SDI7100 Lifetime	Simple console mount for holding up to threedevices.	100.90 5 2.27	42.59 41.80 40.35

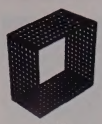
Bay Tray with Tilt and Swivel

107

Adjustable holders can quickly secure and stack any side mounted device. For rigid installations of equipment 8 lbs. and less

No. Uom	Manufacturer Mfg. P/N Warranty	Description,	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
07 H	Scientific Dimensions SDI27002 Lifetime	Two Bay Tray Set with Tilt and Swivel Base. 11.75H x 9W x 5D	145.00 8.5 3.86	152.64 152.64 152.64

Cage Box


16217

Cage box is a simple and efficient system for mounting radios and other communication devices in vehicles. Expandable in both directions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description,	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
16217 1 EACH	Scientific Dimensions SDI7300 Lifetime	Cage box	25.30 4 1.82	18.02 17.46 17.31

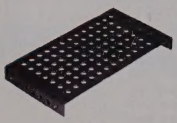
Cage Bracket

32313

Cage bracket can be used with SDI7300 cage box or separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description,	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
32313 1 EACH	Scientific Dimensions SDI7400 Lifetime	Cage bracket	21.20 5 2.27	15.10 14.63 14.51

Support Frame


49086

SDI 7300 support frame. Divides inside area for separate mounting shelves when stacking devices.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description,	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
49086 1 EACH	Scientific Dimensions SDI7301 Lifetime	Cage box support frame	19.80 1.5 0.68	14.10 13.67 13.55

Expansion Assembly

91470

Expansion assembly kit that converts standard 2 unit to 4 unit control head rack. Includes all necessary fasteners.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description,	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
91470 1 EACH	SMC Electromount 9S2X-2SM Lifetime	Two unit expansion assembly.	36.30 2 0.91	26.47 26.11 25.21

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Data Terminal and Computer Mounts [140-75]

If you are buying these, you may need:

Split Loom Tubing.....page 1733
Tape, Electrical, and Cold Shrink.....page 1741
Screws, Sheet Metal and TEK.....page 1751

Gamber Johnson Bases

32758 66459 91638 91608

Designed for bucket or bench seats. Compatible with any DS series mount head.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wgt. (kg.) Wgt. (kg.)	T-1($) T-2($) T-3($)
32758 1 EACH	Gamber Johnson DS-52 3 Yrs.	Flat floor/ high seat base. Designed for vans, trucks and fire engines. Height adjusts from 18" to 23.75"	129.00 2.27 2.27	79.98 77.40 76.11
31666 1 EACH	Gamber Johnson DS-57 3 Yrs	Ideal for fleet and utility trucks. Accepts a variety of DS mount heads or equipment brackets. Base measures 8" x 8.2". Height can be adjusted from 14" to 19.75".	114.00 4.68 4.68	70.68 68.40 67.26
66459 1 EACH	Gamber Johnson DS-55(BASE ONLY) 3 Yrs.	Offset hump base. Designed for applicationswhen levers, consoles, etc are already placed in the hump area making it unusable. Post is not included.	79.00 5.11 5.11	48.98 47.40 46.61
NEW 472329 1 EACH	Gamber Johnson DS-102 3 Yrs.	Vehicle base for Ford F-series 250-750 Super Duty trucks (2001-newer) with bucket or bench seats. Placed on passenger side, under seat using seat studs. Steel/ black powdercoat. Pole ordered separately. NOTE: For extra stability a support brace (LAC-02 W/U-DS sku 14909 or LAC-03 W/U-DS sku 91801) is recommended.	99.00 4.27 4.27	61.38 59.40 58.41
NEW 425362 1 EACH	Gamber Johnson DS-104 3 Yrs.	Vehicle base for Chevy Trailblazer (2002-newer) with bucket seats (allows clearance for factory console). Placed on passenger side, under seat using seat studs. Steel/ black powdercoat. Pole ordered separately. NOTE: Should only be installed if a person never sits in the passenger seat and if passenger-side airbag is deactivated.	59.00 1.82 1.82	36.58 35.40 34.81
91638 1 EACH	Gamber Johnson DS-610(BASE ONLY) 3 Yrs.	For 1996 and before Ford F series and Broncos. Mounts to the floor of the passanger side. Allows clearence for gear shift and passenger. Post not included.	89.00 1.36 1.36	55.18 53.40 52.51
91608 1 EACH	Gamber Johnson 5" DS-POLE 3 Yrs.	Pole assembly for the DS series mount. Includes mounting hardware. 5" mounting height designed for vehicles with air bags.	79.00 1.36 1.36	48.98 47.40 46.61
71212 1 EACH	Gamber Johnson DS-POLE 3 Yrs.	Pole assembly for the DS series mount. Includes mounting hardware. Adjusts from 9" to 14.5".	79.00 1.36 1.36	48.98 47.40 46.61

Gamber Johnson Upper Tube Assemblies

11594

Quick Adjust Upper Tube Assembly. Inserts into DS Series lower tubes. No tools needed for adjustment. Entire upper section can rotate left and right with a simple twist of a lever. Set collar keeps the tube adjusted to the correct height while rotational adjustment are made.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wgt. (kg.) Wgt. (kg.)	T-1($) T-2($) T-3($)
11594 1 EACH	Gamber Johnson QADJ-UPPER-M 3 years	8" plate designed to be used with the DS-POLE	99.00 1.71 1.71	61.38 59.40 58.41
85024 1 EACH	Gamber Johnson QADJ-UPPER-L 3 years	12" plate designed to be used with the DS-POLE	109.00 3.96 3.96	67.58 65.40 64.31
71246 1 EACH	Gamber Johnson QADJ-UPPER-MS 3 year	8" plate designed to be used with the 5" DS-POLE	99.00 1.36 1.36	61.38 59.40 58.41

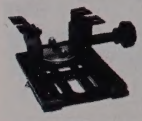
DS-Clevis

52567

Tilt attachment for DS series bases. Provides 30 degrees forward a backward tilt. 60 degrees rotation right and left.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wgt. (kg.) Wgt. (kg.)	T- T- T-
52567 1 EACH	Gamber Johnson DS-CLEVIS 3 Yrs.	Tilt Swivel attachment for MCS-POLE or DS Bases. Adjusting knob provides up to a 30 degree forward and backward tilt.	69.00 0.71 0.71	42 41 40

Quad Motion Attachment



31402

Four motion attachment for any DS series base. Accepts NotePad, N Port or any other mount head. Allows you to swivel, slide, swivel aga and tilt. Swivels 60 degrees right and left. Slides 4" back and forth and 30 degrees forward and backward.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wgt. (kg.) Wgt. (kg.)	T- T- T-
31402 1 EACH	Gamber Johnson QUAD-MOTION TS3 3 years	Four Motion mount. Allows you to swivel, slide, and tilt your computer when it is mounted in a vehicle.	139.00 2.29 2.29	86 83 82

Quick Release Posts

Allows your mobile mounting system to be quickly insta and easily taken out. Twist the post clockwise to release from the base. All that remains is the 1/2" thick x 8" diam plate. Will accept all DS and QadJ uppers.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wgt. (kg.) Wgt. (kg.)	T- T- T-
443166 1 EACH	Gamber Johnson DS-100 3 Yrs.	Quick Release Post. Base measures 8" diameter. Height can be adjusted from 18.6"-23.3".	259.00 7.27 7.27	16 15 15
NEW 459393 1 EACH	Gamber Johnson DS-100-PLATE 3 Yrs.	For use with DS-100 when entire mounting system needs to be quickly moved to another vehicle. Low profile circular base, 1/2" thick.	94.00 7.27 7.27	58 56 55

Vertical Lift Computer Mount

453369

- Mounts on MCS Top Plate or any DS vehicle base without a pole
- Simple handle adjusts by gas spring in low or up position
- 4" sliding plate brings the computer closer to th user
- Height adjusts from 7.38" to 11.12", 6" wide, 10" deep

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wgt. (kg.) Wgt. (kg.)	T- T- T-
NEW 453369 1 EACH	Gamber Johnson DS-LIFT 3 Yrs.	Vertical lift base unit.	389.00 4.77 4.77	24 23 22

Mounts

NEW = New Listing. Pricing for reference See TESSCO.com for latest pricing and pro Copyright 2003 all rights reserved.

tical Lift with Thin Computer Tray

71332

nts on MCS Top Plate or any DS vehicle base
out a pole

e handle adjusts by gas spring in low or up
ion
ding plate brings the computer closer to the

- Height adjusts from 8.38" to 12.12". Fits laptop's .50" to 2.44" thick, 8.5" to 13.12" width, 8.5" to 10.88" deep.
- Swivels 60 degrees for driver or passenger

o. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wgt. (kg.) Wgt. (kg.)	T-1($) T-2($) T-3($)
V 32 CH	Gamber Johnson NP-LIFTMOUNT 3 Yrs.	Vertical lift base with computer tray.	559.00 7.27 7.27	346.58 335.40 329.81

NotePad IV Universal Computer Mount

455320

Universal computer mount is a key component for any mobile computing application.Features a patent pending rugged steel design with black powder coating. Easily adjusts to fit most computers.

- New, curved hold-down clips
- Offset front retainer and rear support brackets for added forward/ backward restraint
- Compression closure latch allows for fast size adjustment, quick removal/ insertion with a key lock
- Adjusts to fit laptops 8.25" -13.38" wide, 8"-10.38" deep, .5"- 2.44" thick
- Accessories available for customizing

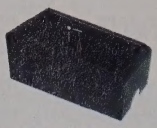
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wgt. (kg.) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 455320 1 EACH	Gamber Johnson NP-NOTEPAD4 3 Yrs.	Notepad IV universal notebook computer mount, with curved hold down clips.	229.00 2.73 2.73	141.98 137.40 135.11

tePad III Computer Mount

NotePad III is designed to accommodate notebook computers 10.3" to 13.6" wide. All hardware is uniform to simplify installation and adjustments. Can easily be converted to a full featured universal docking station. For use with DS or MCS series bases. Includes key lock and rear support brackets.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wgt. (kg.) Wgt. (kg.)	T-1($) T-2($) T-3($)
/ 26 H	Gamber Johnson NP-LITE-28 3 Yrs.	12" map light with dimmer control for use with CF27 Toughbook 28 docking station.	99.00 0.26 0.26	61.38 59.40 58.41
7 H	Gamber Johnson NP-NOTEPAD3-S 3 Yrs.	Notepad III notebook computer mount, with short (3/ 4" - 1-3/8") hold down clips	229.00 3.85 3.85	141.98 137.40 135.11
2 H	Gamber Johnson NP-NOTEPAD3-M 3 Yrs.	Notepad III notebook computer mount, with medium (1" - 1-5/8") hold down clips	229.00 2.27 2.27	141.98 137.40 135.11
4 H	Gamber Johnson NP-NOTEPAD3-L 3 Yrs.	Notepad III notebook computer mount, with Long (1-1/ 4" - 2") hold down clips	229.00 3.87 3.87	141.98 137.40 135.11
1 H	Gamber Johnson NP-CELL3 3 Yrs.	Cell Phone bracket for use with NP3 or UPR-24 computer mounts	19.00 0.45 0.45	11.78 11.40 11.21
5 H	Gamber Johnson NP-LITE3 3 Yrs.	12" map light with dimmer control for use with NP3 or UPR-24 computer mounts	99.00 0.26 0.26	61.38 59.40 58.41
3 H	Gamber Johnson NP-MIC3 3 Yrs.	Mic Hang-up clip for use with NP3 or UPR-24 computer mounts	29.00 0.09 0.09	17.98 17.40 17.11
1	Gamber Johnson NP-SCREEN3 3 Yrs.	Screen Support for use with NP3 or UPR-24 computer mounts	44.00 0.91 0.91	27.28 26.40 25.96
1	Gamber Johnson NP-MHDCLIP3 3 Yrs.	Medium Hold down clips for use with NP3 or UPR-24 computer mounts. Fits thickness 1" to 1.6".	59.00 0.45 0.45	36.58 35.40 34.81
1	Gamber Johnson NP-LHDCLIP3 3 Yrs.	Long Hold down clips for use with NP3 or UPR-24 computer mounts. Fits thickness 1.3" to 2".	59.00 0.45 0.45	36.58 35.40 34.81

EPIC Console Packages



The MCS Series EPIC line of console packages. Euro-styling. Proven ruggedness. Innovative design. Convenient mounting.

- Rounded edges for sleek appearance and safety
- Heavy-gauge steel, robust hardware
- Two-piece flexible design allows for 36 height/angle combinations and easy access to radios for servicing
- Twelve knockout hole panels for cigarette power adapters
- Sidewall slots for light bracket mounting
- Cutouts on end of box for easy access to wiring
- Can be used with all existing MCS Series 3-piece vehicle bases and accessories
- Two sizes: 13" and 17" console box
- ALL EQUIPMENT TO BE MOUNTED IN CONSOLE BOX MUST BE SPECIFIED WHEN ORDERING

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wgt. (kg.) Wgt. (kg.)	T-1($) T-2($) T-3($)
427068 1 EACH	Gamber Johnson MCSEPIC13CCVS 3 Yrs.	Complete MCS EPIC console package for Ford Crown Vic and Chevy Caprice. 13" console box and 22.5" base. Specify all equipment to be mounted in the console box when ordering.*	339.00 10 10	210.18 203.40 200.01
493042 1 EACH	Gamber Johnson MCSEPIC13CCVL 3 Yrs.	Complete MCS EPIC console package for Ford Crown Vic and Chevy Caprice. 13" console box and 28.5" base. Specify all equipment to be mounted in the console box when ordering.*	339.00 10.45 10.45	210.18 203.40 200.01
451090 1 EACH	Gamber Johnson MCSEPIC13EXPS 3 Yrs.	Complete MCS EPIC console package for Ford Ranger and Explorer. 13" console box and 22.5" base. Specify all equipment to be mounted in the console box when ordering.*	379.00 10 10	234.98 227.40 223.61
432044 1 EACH	Gamber Johnson MCSEPIC13EXPL 3 Yrs.	Complete MCS EPIC console package for Ford Ranger and Explorer. 13" console box and 28.5" base. Specify all equipment to be mounted in the console box when ordering.*	379.00 10.45 10.45	234.98 227.40 223.61
493023 1 EACH	Gamber Johnson MCSEPIC13F97S 3 Yrs.	Complete MCS EPIC console package for Ford F-150, F-250, and Expedition. 13" console box and 22.5" base. Specify all equipment to be mounted in the console box when ordering.*	379.00 10 10	234.98 227.40 223.61
452011 1 EACH	Gamber Johnson MCSEPIC13F97L 3 Yrs.	Complete MCS EPIC console package for Ford F-150, F-250, and Expedition. 13" console box and 28.5" base. Specify all equipment to be mounted in the console box when ordering.*	379.00 10.45 10.45	234.98 227.40 223.61
421064 1 EACH	Gamber Johnson MCSEPIC13IMPS 3 Yrs.	Complete MCS EPIC console package for Chevy Impala. 13" console box and 22.5" base. Specify all equipment to be mounted in the console box when ordering.*	339.00 10 10	210.18 203.40 200.01
419062 1 EACH	Gamber Johnson MCSEPIC13IMPL 3 Yrs.	Complete MCS EPIC console package for Chevy Impala. 13" console box and 28.5" base. Specify all equipment to be mounted in the console box when ordering.*	339.00 10.45 10.45	210.18 203.40 200.01
499016 1 EACH	Gamber Johnson MCSEPIC13TAHS 3 Yrs.	Complete MCS EPIC console package for Chevy C/K and Tahoe and GMC Suburban and Yukon. 13" console box and 22.5" base. Specify all equipment to be mounted in the console box when ordering.*	379.00 10 10	234.98 227.40 223.61
490010 1 EACH	Gamber Johnson MCSEPIC13TAHL 3 Yrs.	Complete MCS EPIC console package for Chevy C/K and Tahoe and GMC Suburban and Yukon. 13" console box and 28.5" base. Specify all equipment to be mounted in the console box when ordering.*	379.00 10.45 10.45	234.98 227.40 223.61
482069 1 EACH	Gamber Johnson MCSEPIC13UNIS 3 Yrs.	Complete MCS EPIC console package for any vehicle. 13" console box and 22.5" base. Specify all equipment to be mounted in the console box when ordering.*	339.00 10 10	210.18 203.40 200.01
430067 1 EACH	Gamber Johnson MCSEPIC13UNIL 3 Yrs.	Complete MCS EPIC console package for any vehicle. 13" console box and 28.5" base. Specify all equipment to be mounted in the console box when ordering.*	339.00 10.45 10.45	210.18 203.40 200.01

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wgt. (kg.) Wgt. (kg.)	T-1($) T-2($) T-3($)
438092 1 EACH	Gamber Johnson MCSEPIC13FPBOX 3 Yrs.	MCS EPIC console package with 13" console box and NO base. Specify all equipment to be mounted in the console box when ordering.*	269.00 5.45 5.45	166.78 161.40 158.71
424031 1 EACH	Gamber Johnson MCSEPIC17CCVS 3 Yrs.	Complete MCS EPIC console package for Ford Crown Vic and Chevy Caprice. 17" console box and 22.5" base. Specify all equipment to be mounted in the console box when ordering.*	369.00 11.82 11.82	228.78 221.40 217.71
442066 1 EACH	Gamber Johnson MCSEPIC17CCVL 3 Yrs.	Complete MCS EPIC console package for Ford Crown Vic and Chevy Caprice. 17" console box and 28.5" base. Specify all equipment to be mounted in the console box when ordering.*	369.00 12.27 12.27	228.78 221.40 217.71
450070 1 EACH	Gamber Johnson MCSEPIC17EXPS 3 Yrs.	Complete MCS EPIC console package for Ford Ranger and Explorer. 17" console box and 22.5" base. Specify all equipment to be mounted in the console box when ordering.*	399.00 11.82 11.82	247.38 239.40 235.41
413036 1 EACH	Gamber Johnson MCSEPIC17EXPL 3 Yrs.	Complete MCS EPIC console package for Ford Ranger and Explorer. 17" console box and 28.5" base. Specify all equipment to be mounted in the console box when ordering.*	399.00 12.27 12.27	247.38 239.40 235.41
468042 1 EACH	Gamber Johnson MCSEPIC17F97S 3 Yrs.	Complete MCS EPIC console package for Ford F-150, F-250, and Expedition. 17" console box and 22.5" base. Specify all equipment to be mounted in the console box when ordering.*	399.00 11.82 11.82	247.38 239.40 235.41
422027 1 EACH	Gamber Johnson MCSEPIC17F97L 3 Yrs.	Complete MCS EPIC console package for Ford F-150, F-250, and Expedition. 17" console box and 28.5" base. Specify all equipment to be mounted in the console box when ordering.*	399.00 12.27 12.27	247.38 239.40 235.41
456017 1 EACH	Gamber Johnson MCSEPIC17IMPS 3 Yrs.	Complete MCS EPIC console package for Chevy Impala. 17" console box and 22.5" base. Specify all equipment to be mounted in the console box when ordering.*	369.00 11.82 11.82	228.78 221.40 217.71
456062 1 EACH	Gamber Johnson MCSEPIC17IMPL 3 Yrs.	Complete MCS EPIC console package for Chevy Impala. 17" console box and 28.5" base. Specify all equipment to be mounted in the console box when ordering.*	369.00 12.27 12.27	228.78 221.40 217.71
465013 1 EACH	Gamber Johnson MCSEPIC17TAHS 3 Yrs.	Complete MCS EPIC console package for Chevy C/K and Tahoe and GMC Suburban and Yukon. 17" console box and 22.5" base. Specify all equipment to be mounted in the console box when ordering.*	399.00 11.82 11.82	247.38 239.40 235.41
495031 1 EACH	Gamber Johnson MCSEPIC17TAHL 3 Yrs.	Complete MCS EPIC console package for Chevy C/K and Tahoe and GMC Suburban and Yukon. 17" console box and 28.5" base. Specify all equipment to be mounted in the console box when ordering.*	399.00 12.27 12.27	247.38 239.40 235.41
420084 1 EACH	Gamber Johnson MCSEPIC17UNIS 3 Yrs.	Complete MCS EPIC console package for any vehicle. 17" console box and 22.5" base. Specify all equipment to be mounted in the console box when ordering.*	369.00 11.82 11.82	228.78 221.40 217.71
415033 1 EACH	Gamber Johnson MCSEPIC17UNIL 3 Yrs.	Complete MCS EPIC console package for any vehicle. 17" console box and 28.5" base. Specify all equipment to be mounted in the console box when ordering.*	369.00 12.27 12.27	228.78 221.40 217.71
431000 1 EACH	Gamber Johnson MCSEPIC17FPBOX 3 Yrs.	MCS EPIC console package with 17" console box and NO base. Specify all equipment to be mounted in the console box when ordering.*	299.00 7.27 7.27	185.38 179.40 176.41

Mission Control Packages

GAMBER JOHNSON universal Docking Station with "Plug and Play" in-vehicle port replicator and internal power supply. Adjustable to fit any laptop or ruggedized computer 10.3" to 13.6" wide. Includes (2) USB-out ports, (4) serial ports, (1) USB-in port and USB cable and Windows 95 and 98 software.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wgt. (kg.) Wgt. (kg.)	T-1($) T-2($) T-3($)
20620 1 EACH	Gamber Johnson NP-UPR-24-M 3 Yrs.	Port replicator with medium (1" to 1-5/8") hold down clips. Mount not included.	955.60 6.82 6.82	592.45 573.34 563.78
20623 1 EACH	Gamber Johnson NP-UPR-24-L 3 Yrs.	Port replicator with long (1-1/4" to 2") hold down clips. Mount not included.	955.60 6.82 6.82	592.45 573.34 563.78
490186 1 EACH	Gamber Johnson NP-DELL-24-M 3 Yrs.	Dell port replicator with medium (1" to 1-5/8") hold down clips. Mount not included.	955.60 6.82 6.82	592.45 573.34 563.78

Mission Control Packages

61779 52730

Mission Control (tm) complete Air B Friendly modular mounting system f voice and data communications. Prov modular mounting options to meet specific needs and preferences for se equipment outside the air bag deplo zone. Features the No Holes Bored and the tilt and rotate brackets. Oth bases available.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wgt. (kg.) Wgt. (kg.)
61779 1 EACH	Gamber Johnson MCS-CCV-3S 3 Yrs.	MCS base holds consoles, brackets and mountheads. 22 1/2" long.	99.00 5 5
99695 1 EACH	Gamber Johnson MCS-CCV-3L 3 Yrs.	MCS base holds consoles, brackets and mountheads. 28 1/2" long.	99.00 7.27 7.27
449179 1 EACH	Gamber Johnson MCS200S 3 Yrs.	MCS base for 2002 Ford Explorer holds consoles, brackets and mountheads. 22 1/2" long.	139.00 7.27 7.27
456188 1 EACH	Gamber Johnson MCS200L 3 Yrs.	MCS base for 2002 Ford Explorer holds consoles, brackets and mountheads. 28 1/2" long.	139.00 6.15 6.15
414159 1 EACH	Gamber Johnson MCS200LEG 3 Yrs	Leg kit for MCS200 base	99.00 2.82 2.82
52730 1 EACH	Gamber Johnson MCS-BRKT 3 Yrs.	Radio bracket for use with MCS base. 5" and 6" bend.	24.00 0.45 0.45
90109 1 EACH	Gamber Johnson MCS-7X4 3 Yrs.	Radio bracket for use with MCS base. 7" and 4" bend.	24.00 0.91 0.91
479143 1 EACH	Gamber Johnson MCS-UNIV-3S 3 Yrs.	Mission Control 3-piece base with 22.5" top plate and legs.	94.00 4.91 4.91
482047 1 EACH	Gamber Johnson MCS-UNIV-3L 3 Yrs.	Mission Control 3-piece base with 28.5" top plate and legs.	94.00 10.91 10.91

Panasonic CF-07 & MDWD Mounting /Docking

489388 479383 441321

429319

- Include mounting hardware
- Panasonic Toughbook-tested

The Gamber-Johnson docking station Toughbook 07 and cradl MDWD are reliable and durable when used in mobile comput environments from police cars and motorcycles to bucket truc forklifts. They have been designed in accordance with Panasoni teria and using MIL-STD-810F test procedures to measure lev vibration reliability. They can be used together in different con tions. Or the cradle can be used in conjunction with docking st for other Panasonic models.

- Designed using MIL-STD-810F test procedures
- Rugged steel /black powdercoat

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wgt. (kg.) Wgt. (kg.)
NEW 489388 1 EACH	Gamber Johnson NP-MDWD 3 Yrs.	Cradle for Mobile Data Wireless Display	249.00 1.09 1.09
NEW 479383 1 EACH	Gamber Johnson NP-MDWD-KITC 3 Yrs.	Bracket and hardware for console mounting Mobile Data Wireless Display	29.00 0.82 0.82
NEW 441321 1 EACH	Gamber Johnson NP-MDWD-KITM 3 Yrs.	Bracket and hardware for pole /motion attachment mounting Mobile Data Wireless Display	29.00 0.23 0.23
NEW 422391 1 EACH	Gamber Johnson NP-CF07 3 Yrs.	Docking station for Panasonic Toughbook 07 Mini PC (CF-07). Pre-drilled holes align with MCS top plates and Rack-to-Post platforms.	659.00 2.18 2.18
NEW 452321 1 EACH	Gamber Johnson NP-CF07-W 3 Yrs.	Docking station for Panasonic Toughbook 07 Mini PC (CF-07)with integrated high-gain antenna pass-thru cable. Pre-drilled holes align with MCS top plates and Rack-to-Post platforms.	849.00 2.18 2.18
NEW 455373 1 EACH	Gamber Johnson NP-CF07-L 3 Yrs.	Docking station for Panasonic Toughbook 07 Mini PC (CF-07)with integrated high-gain antenna pass-thru cable (WLAN). Pre-drilled holes align with MCS top plates and Rack-to-Post platforms.	849.00 2.18 2.18

NEW = New Listing. Pricing for referenc See TESSCO.com for latest pricing and pr Copyright 2003 all rights reserved.

uing product table (2 of 2)

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wgt. (kg.) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 119 CH	Gamber Johnson NP-CF07-2 3 Yrs.	Docking station for Panasonic Toughbook 07 Mini PC (CF-07)with integrated high-gain antenna pass-thru cable (WAN /WLAN). Pre-drilled holes align with MCS top plates and Rack-to-Post platforms.	1,049.00 2.18 2.18	1,036.42 1,024.88 1,012.29

mber Johnson Panasonic PDRC

441366

414373

y can be tilted forward 120 degrees from the

oard has an up/down tilting range of 150 ees

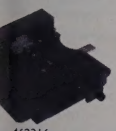
g hinges prevent "bouncing" and position key- d at desired level

Both of Gamber-Johnson's Permanent Display Removable Computer mounting solutions offer quality and features. While the in-dash system is air bag compliant and positions the PDRC flush with the dash for minimal cab intrusion the pedestal system provides greater flexibility and is usable with any Gamber-Johnson vehicle base.

- Keyboard can be removed from tray for comfortable typing
- Display and keyboard swivel toward driver or passenger for optimal viewing

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wgt. (kg.) Wgt. (kg.)	T-1($) T-2($) T-3($)
V 56 H	Gamber Johnson 7110-0352 3 Yrs.	Air bag compliant in-dash system positions the PDRC flush with car's dash. Without CF34 dock.	500.00 3.64 3.64	310.00 300.00 295.00
V 59 H	Gamber Johnson NP-PDRC-IND3 3 Yrs.	Air bag compliant in-dash system positions the PDRC flush with car's dash. WITHOUT dock.	1,666.70 5.45 5.45	1,033.33 1,000.00 983.33
V 07 H	Gamber Johnson NP-PDRC-PED3 3 Yrs.	Universal pedestal system for all vehicles can be used with any Gamber-Johnson vehicle base/lower tube (sku 14958) combination. WITHOUT dock.	519.00 5.45 5.45	321.78 311.40 306.21
V 73 H	Gamber Johnson NP-CF34-BOX 3 Yrs.	Toughbook 34 platform for PDRC mounting systems: rugged steel; key lock; mounted under dash or in trunk; WITHOUT port replicator.	259.00 1.36 1.36	160.58 155.40 152.81

ber-Johnson CF-28 Docking Station



462316

Gamber-Johnson mobile docking station for the Panasonic Toughbook 28. Rugged design. Innovative features. Reputable durability.

lled holes align with all motion attachments
against MIL-STD-810F criteria
ocating pins for computer placement
g docking connector
ide lever for simple docking engagement
etainer brackets

- Pre-drilled holes for cable strain relief
- Internal/protected circuit boards and power supply
- Forward facing ports
- Aluminum/steel construction
- Black powdercoat finish

n	Manufacturer Mfg. P/N Warranty	Description	List ($) Wgt. (kg.) Wgt. (kg.)	T-1($) T-2($) T-3($)
5 1	Gamber Johnson NP-CF28 3 Yrs./ 1 Yr.	Docking station for Panasonic Toughbook 28.	548.75 4.68 4.68	542.17 536.13 529.55
5 1	Gamber Johnson NP-CF28-C 3 Yrs./ 1 Yr.	Docking station with integrated high-gain antenna pass-thru cable.	698.75 4.68 4.68	690.37 682.68 674.30
2	Gamber Johnson NP-SCREEN-28 3 Yrs.	Screen support for Panasonic Toughbook 28 docking stations.	59.00 0.45 0.45	36.58 35.40 34.81

7200 Console Mount

Dual airbag safe console mount. Mounting platform supports computers, radios, and cellular packages. Heavy duty 1/8" thick steel. Bolts to front seat anchor points. Quick release base for computer device. Attachment area for speakers, microphones and fuse blocks. Spacers included. Powder-coated black satin finish.

7217

product table (1 of 2)

Manufacturer Mfg. P/N Warranty	Description	List ($) Wgt. (kg.) Wgt. (kg.)	T-1($) T-2($) T-3($)
Scientific Dimensions SDI7200 Lifetime	Low-lying console mount for Ford Crown Victoria and Chevrolet Caprice and Lumina sedans.	162.40 9.09 9.09	115.63 112.06 111.09

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wgt. (kg.) Wgt. (kg.)	T-1($) T-2($) T-3($)
75556 1 EACH	Scientific Dimensions SDI7218 Lifetime	Mic clip bracket. Mounts a wide range of mic clips.	22.25 0.23 0.23	9.38 9.21 8.89
NEW 429300 1 EACH	Scientific Dimensions SDI7223-3 Lifetime	Padded arm rest adds comfort and support. Mounts to SDI 7223-3.	79.45 0.45 0.45	33.54 32.92 31.78
NEW 454227 1 EACH	Scientific Dimensions SDI1520 Lifetime	Articulating phone cradle arm with AMPS pattern on mounting plate. For mounting on SDI 7200 Console Mount, SDI M5000 Pedestal Mounts or SDI Mobile Computer Workstations.	78.10 0.68 0.68	31.23 31.23 31.23

Computer Console Mount

432359

- New transmission hump tunnel plate
- Tilt swivel on a stand-off base
- Expandable equipment bracket for up to three devices
- Arm rest, mic clip bracket and cup holder
- No holes drilled installation
- Options: docking station, cradle or holder to secure the computer

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wgt. (kg.) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 432359 1 EACH	Scientific Dimensions SDI7200-11 Lifetime	Computer console mount for Ford Crown Victoria.	367.35 11.36 11.36	261.55 253.47 251.27
NEW 419308 1 EACH	Scientific Dimensions SDI7200-12 Lifetime	Computer console mount for Chevrolet Impala.	367.35 11.36 11.36	261.55 253.47 251.27
NEW 434338 1 EACH	Scientific Dimensions SDI7200-13 Lifetime	Computer console mount for Ford Explorer.	367.35 11.36 11.36	261.55 253.47 251.27
NEW 435351 1 EACH	Scientific Dimensions SDI7200-14 Lifetime	Computer console mount for Dodge Intrepid.	367.35 11.36 11.36	261.55 253.47 251.27

Laptop Pedestal Mount

37564

Pedestal made for laptop computers or any other device needing a large mounting surface. Features a reinforcing mounting plate, miniaturetask lighting, and scissors bracket to stabilize the screen. A swivel feature is included to allow use by eitherthe driver or a passenger. Includes screws and mounting hardware. 6"x7" base. 10" total height.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wgt. (kg.) Wgt. (kg.)	T-1($) T-2($) T-3($)
37564 1 EACH	Scientific Dimensions SDI8010 Lifetime	5000 series laptop pedestal.	307.45 2.27 2.27	157.76 156.24 153.72

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SDI M5000 Laptop Pedestal Mounts

70053 92366 72487 43761

Strong but flexible features heavy gauge 1/8" steel, incredibly strong joints aseemblies that will not slip, handling far greater sheer force.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wgt. (kg.) Wgt. (kg.)	T-1($) T-2($) T-3($)
70053 1 EACH	Scientific Dimensions SDI M8003-1 Lifetime	M5000 Series Heavy-Duty pedestal mount includes swivel mount, flexible screen support and LED task light non-adjustable height total of 20"	518.20 2.27 2.27	265.89 263.34 259.09
92366 1 EACH	Scientific Dimensions SDIM5100-2 Lifetime	Heavy Duty Top Clevis. Supports SDI Microslate 500P.	17.70 0.23 0.23	12.61 12.22 12.11
72487 1 EACH	Scientific Dimensions SDIM5100 Lifetime	Heavy Duty Top Clevis placed on top of pedestal. Supports SDI 7002, M606D, RM5090 and SDI laptop, printer and keyboard holders.	16.80 0.27 0.27	11.97 11.60 11.50
43761 1 EACH	Scientific Dimensions SDI MD5006 Lifetime	M5000 series 6" Extension 6" H x 2" W x 2 1/4"	32.90 0.55 0.55	23.43 22.71 22.51
70082 1 EACH	Scientific Dimensions SDI MD5008 Lifetime	M5000 Series 8" extension set 8"H x 2" W x 2.25"D	41.00 0.91 0.91	21.04 20.84 20.50
414047 1 EACH	Scientific Dimensions SDI M5555 Lifetime	M5000 Series reinforced base plate assembly with side bracket.	117.40 3.64 3.64	60.23 59.65 58.69
463095 1 EACH	Scientific Dimensions SDI M5556 Lifetime	M5000 Series reinforced base plate assembly without side bracket.	99.90 2.84 2.84	51.26 50.76 49.95
452006 1 EACH	Scientific Dimensions SDI AL250 Lifetime	Set of six (6) each captivated inserts, hardened bolts (1/4-20UNC thread size, 25/64" hole size), and washers.	10.05 0.09 0.09	5.02 5.02 5.02

SDI Universal Computer Cradle

66739

The SDI 7278 Universal Computer Cradle secures a variety of laptops from the Fujitsu LifeBook to Dell Latitude to pen based computers measuring 8.7"-13.1" wide, 7.8"-11.1" depth, .8" to 2.5" high. Once initial sizing adjustments are complete, the pull-bar action releases the computer to allow removal from the vehicle. Constructed with anti-theft security measures in mind with a push button lock. Full metal construction with a electrostatic powder-coated epoxy finish. Mount and/or tilt swivel base is not included.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wgt. (kg.) Wgt. (kg.)	T-1($) T-2($) T-3($)
66739 1 EACH	Scientific Dimensions SDI7278 Lifetime	Universal Computer Cradle	423.55 6.3 6.3	301.56 292.24 289.70
NEW **419112** 1 EACH	Scientific Dimensions SDI7278-2 Lifetime	Support bracket for screen holder and task light.	23.35 0.91 0.91	16.62 16.10 15.96
71088 1 EACH	Scientific Dimensions SDI727830 Lifetime	SDI Interface Plate with universal hole pattern allows SDI7278 to be mounted on other manufactures mounts.	19.50 0.59 0.59	13.87 13.44 13.32

Pedestal Mount Kit

66746

The SDI 8350 is a pedestal mount kit with a tilt-swivel head. Pedestal adjusts to required height during installation. Height ranges from 11.5"-18.5" from the base t top of the tilt swivel. Perfect mount for SDI 7278 Universal Computer Cradle (r included).

- Pedestal Only, does not include the computer cradle

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wgt. (kg.) Wgt. (kg.)	T
66746 1 EACH	Scientific Dimensions SDI8350 Lifetime	Pedestal Mount Kit	140.00 5.09 5.09	9 9 9

Seat Belt Table

499310

Made for mobile office safety, convenience and cost savings. This modula equipment platform safely "buckles in" to most medium or larger passar seats.

- Custom seat belt quickly secures or removes the platform
- Fully adjustable cradle secures a wide range of laptop and pen computers
- Tilt swivel base supports cradle
- Sliding drawer features a hinged lid which doubl a writing surface
- Built in three plug power adapter port
- Options: File organizer, Pentax PJ11 accessories custom colors

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wgt. (kg.) Wgt. (kg.)	T
NEW **499310** 1 EACH	Scientific Dimensions SDI7239A Lifetime	Seat Belt Table with Computer Mount.	709.20 10.45 10.45	50 48 48

Heavy Duty Long Base Pedestals

467349

Includes a tilt swivel base for a optional computer cradle and a reinforc long base assembly for a stable installation. Additional heights available.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wgt. (kg.) Wgt. (kg.)	T
NEW **467349** 1 EACH	Scientific Dimensions SDIMD5006HLB Lifetime	13.5" high heavy duty pedestal. 9"W x 21"D	375.50 11.36 11.36	26 25 25
NEW **443308** 1 EACH	Scientific Dimensions SDIMD5008HLB Lifetime	15.5" high heavy duty pedestal. 9"W x 21"D	378.35 11.36 11.36	26 26 25

Heavy Duty Pedestals

471304

Includes a tilt swivel base for a optional computer cradle. Releasing side sup bracket allows for quicker, easier installs with extra support. Additional heig available.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wgt. (kg.) Wgt. (kg.)	T
NEW **471304** 1 EACH	Scientific Dimensions SDIMD8004HB Lifetime	12" high heavy duty pedestal. 7.75"W x 8.5"D	225.00 9.09 9.09	1 1 1
NEW **476307** 1 EACH	Scientific Dimensions SDIMD8008HB Lifetime	15.5" high heavy duty pedestal. 7.75"W x 8.5"D	228.80 9.09 9.09	1 1 1

Mounts

NEW = New Listing. Pricing for referenc See TESSCO.com for latest pricing and pri

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Vehicle Specific Phone Mounts [150-15]

.Fit International VSM Mounts

Custom manufactured Vehicle Specific Mounts appear like factory original equipment. Securely mount your phone or electronic device with a professional fit every time. Installs in 15 minutes or less.

uing product table (1 of 11)

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Vehicle, Special Tool Required	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
197 CH	Pro.Fit International AC5697 Lifetime	97 ACURA CL	32.95 0.25 0.11	18.17 17.52 16.87
22 CH	Pro.Fit International AC5499 Lifetime	2001 ACURA 2.2CL, 3.0CL, 99-01 ACURA TL w/o GPS, 2002-03 ACURA TL w and w/o GPS	32.95 0.2 0.09	18.17 17.52 16.87
40 CH	Pro.Fit International AC5394 Lifetime	94-01 ACURA Integra	32.95 0.25 0.11	18.17 17.52 16.87
35 CH	Pro.Fit International AC5191 Lifetime	91-95 ACURA Legend	32.95 0.25 0.11	18.17 17.52 16.87
98 CH	Pro.Fit International AC5496 Lifetime	96-98 ACURA 2.5TL,3.2TL	32.95 0.2 0.09	18.17 17.52 16.87
99 CH	Pro.Fit International AC5596 Lifetime	96-02 ACURA 3.5RL w/o GPS	32.95 0.25 0.11	18.17 17.52 16.87
28 CH	Pro.Fit International AC5292 Lifetime	92-94 ACURA Vigor	32.95 0.18 0.08	18.17 17.52 16.87
08 CH	Pro.Fit International AU5496 Lifetime	96-98 AUDI A4, 98 Avant Wagon *Requires DIN tool (sku 62187)	32.95 0.25 0.11	18.17 17.52 16.87
43 CH	Pro.Fit International AU5499 Lifetime	99.5 AUDI A4, 99.5 AUDI A4 Avant	32.95 0.15 0.07	18.17 17.52 16.87
68 CH	Pro.Fit International AU5400 Lifetime	2000-01 Audi A4, A6, S4, Quattro and 2001 Allroad Quattro	32.95 0.3 0.14	18.17 17.52 16.87
26 CH	Pro.Fit International AU5393 Lifetime	93 AUDI 90	32.95 0.25 0.11	18.17 17.52 16.87
21 CH	Pro.Fit International AU5292 Lifetime	92-94 AUDI 100, 200, 96-97 AUDI A6 Quattro Requires DIN tool- 62187	32.95 0.25 0.11	18.17 17.52 16.87
96 CH	Pro.Fit International AU5298 Lifetime	98 AUDI A6 Sedan, 99 AUDI A6 Avant Requires DIN tool- 62187	32.95 1 0.45	18.17 17.52 16.87
7 H	Pro.Fit International BM5092 Lifetime	92-95 BMW 325i	32.95 0.25 0.11	18.17 17.52 16.87
2 H	Pro.Fit International BM5096 Lifetime	96-98 BMW 318i, 328i, 328is 97 BMW 318iC, 96-97 BMW 318is, 99-01 323is, 97-98 BMW 328iC, M3 Sedan, 96-00 BMW M3 Convertible and Sedan	32.95 0.25 0.11	18.17 17.52 16.87
7 H	Pro.Fit International BM5099 Lifetime	99-01 BMW 323i sedan (A/T), 99-00 323is (A/T), 2001 BMW 325Xi, 99-01 BMW 328i sedan (A/T), 2000 BMW 328ci (A/T), 2001-02 330Ci, 2001-02 330Xi (A/T)	32.95 0.25 0.11	18.17 17.52 16.87
0 H	Pro.Fit International BM5189 Lifetime	89-95 BMW 525i, 92-93 BMW 535i 94-95 BMW 540i	32.95 0.25 0.11	18.17 17.52 16.87
9 H	Pro.Fit International BM5197 Lifetime	97-01 BMW 528i, 2001 BMW 530i (A/T only), 97-01 BMW 540i	32.95 0.25 0.11	18.17 17.52 16.87
5 H	Pro.Fit International BM5299 Lifetime	95-01 BMW 740i, 00-01 740 iL, 00-01 740 iA	32.95 0.24 0.11	18.17 17.52 16.87
9 H	Pro.Fit International BM7001 Lifetime	2001-02 BMW X5	32.95 0.25 0.11	18.17 17.52 16.87
H	Pro.Fit International BM5296 Lifetime	96-01 BMW Z3	32.95 1 0.45	18.17 17.52 16.87
	Pro.Fit International BK5497 Lifetime	97-02 BUICK Century	32.95 0.25 0.11	18.17 17.52 16.87
	Pro.Fit International BK5095 Lifetime	95-99 BUICK LeSabre	32.95 0.25 0.11	18.17 17.52 16.87
	Pro.Fit International BK5000 Lifetime	2000-02 BUICK LeSabre	32.95 0.25 0.11	18.17 17.52 16.87

Continuing product table (2 of 11)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Vehicle, Special Tool Required	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
66181 1 EACH	Pro.Fit International BK5092 Lifetime	92-94 BUICK Park Avenue, 92-94 BUICK LeSabre, 92-93 OLDSMOBILE 88, 92-93 OLDSMOBILE 98	32.95 0.25 0.11	18.17 17.52 16.87
61094 1 EACH	Pro.Fit International BK5397 Lifetime	97-02 BUICK Park Avenue	32.95 1 0.45	18.17 17.52 16.87
88699 1 EACH	Pro.Fit International BK5296 Lifetime	96-97 BUICK Regal	32.95 0.25 0.11	18.17 17.52 16.87
57305 1 EACH	Pro.Fit International BK5298 Lifetime	97 1/2-03 BUICK Regal GS/LS	32.95 0.25 0.11	18.17 17.52 16.87
64730 1 EACH	Pro.Fit International BK5195 Lifetime	95-98 BUICK Riviera (center console shift only)	32.95 0.25 0.11	18.17 17.52 16.87
43350 1 EACH	Pro.Fit International CD5497 Lifetime	97-99 CADILLAC Catera	32.95 0.25 0.11	18.17 17.52 16.87
NEW 498392 1 EACH	Pro.Fit International CD5603 Lifetime	2003 CADILLAC CTS	32.95 0.15 0.07	18.17 17.52 16.87
86114 1 EACH	Pro.Fit International CD5187 Lifetime	87-93 CADILLAC Deville	32.95 0.25 0.11	18.17 17.52 16.87
99017 1 EACH	Pro.Fit International CD5196 Lifetime	94-99 CADILLAC DeVille, 97-99 CADILLAC DeVille D'Elegance, 96 (Only) CADILLAC DeVille Concours	32.95 1 0.45	18.17 17.52 16.87
29727 1 EACH	Pro.Fit International CD5292 Lifetime	92-95 CADILLAC Eldorado/Seville	32.95 0.25 0.11	18.17 17.52 16.87
22701 1 EACH	Pro.Fit International CD5296 Lifetime	96-02 CADILLAC Eldorado, 00-01 Eldorado (Standard Radio Only), 96-97 CADILLAC Seville SLS, STS, 97-99 CADILLAC DeVille Concours	32.95 1 0.45	18.17 17.52 16.87
41125 1 EACH	Pro.Fit International CD5394 Lifetime	94-95 CADILLAC Fleetwood	32.95 0.25 0.11	18.17 17.52 16.87
54058 1 EACH	Pro.Fit International CD5598 Lifetime	98-02 CADILLAC Seville STS,SLS	32.95 1 0.45	18.17 17.52 16.87
81419 1 EACH	Pro.Fit International CV9087 Lifetime	90-95 CHEVROLET Astro Van, 90-95 GMC Safari Van	32.95 0.25 0.11	18.17 17.52 16.87
66526 1 EACH	Pro.Fit International CV9096 Lifetime	96-01 CHEVROLET Astro Van, 96-01 GMC Safari Van	32.95 0.26 0.12	18.17 17.52 16.87
15004 1 EACH	Pro.Fit International CV5397 Lifetime	97-01 CHEVROLET Camaro	32.95 0.25 0.11	18.17 17.52 16.87
18823 1 EACH	Pro.Fit International CV5495 Lifetime	95-02 CHEVROLET Cavalier	32.95 0.25 0.11	18.17 17.52 16.87
53397 1 EACH	Pro.Fit International CV9197 Lifetime	96-02 CHEVROLET "G" series Express, 96-02 G Series Van, 96-02 GMC Safari Van, 96-02 GMC Savana Van.	32.95 0.45 0.2	18.17 17.52 16.87
72900 1 EACH	Pro.Fit International CV7187 Lifetime	87-94 CHEVROLET Full Size Pickup, 92-94 Blazer, 92-94 Suburban, 87-94 GMC Pickup, 92-94 GMC Yukon, 99-01 GMC C6500 with automatic or manual transmission.	32.95 0.25 0.11	18.17 17.52 16.87
83961 1 EACH	Pro.Fit International CV7195 Lifetime	95-00 CHEVROLET CK Pickup, 95-00 CHEVY/GMC Suburban,Tahoe, 99-00 Escalande95-98 GMC Pickup, 99- GMC Denali, 95-99 GMC Yukon, 95-99 GMC Sierra. Automatic transmission only with OLD BODY style.	32.95 0.35 0.16	18.17 17.52 16.87
36746 1 EACH	Pro.Fit International CV9191 Lifetime	91-95 CHEVROLET and GMC full size van	32.95 0.25 0.11	18.17 17.52 16.87
26337 1 EACH	Pro.Fit International CV5192 Lifetime	94-96 CHEVROLET Impala SS, 92-96 CHEVROLET Caprice Classic	32.95 0.25 0.11	18.17 17.52 16.87
27788 1 EACH	Pro.Fit International CV5092 Lifetime	92-94 CHEVROLET Lumina Sedan	32.95 0.25 0.11	18.17 17.52 16.87
91446 1 EACH	Pro.Fit International CV9292 Lifetime	92-96 CHEVROLET Lumina APV Van, 92-96 PONTIAC Trans Sport, 92-96 OLDSMOBILE Silhouette	32.95 0.38 0.17	18.17 17.52 16.87
68529 1 EACH	Pro.Fit International CV5297 Lifetime	97-00 CHEVROLET Malibu	32.95 1 0.45	18.17 17.52 16.87
442191 1 EACH	Pro.Fit International CV5201 Lifetime	01-02 CHEVROLET Malibu	32.95 1 0.45	18.17 17.52 16.87
25088 1 EACH	Pro.Fit International CV5094 Lifetime	95-99 CHEVROLET Monte Carlo (Column shift only), 95-00 CHEVROLET Lumina (Column shift only)	32.95 0.25 0.11	18.17 17.52 16.87

Mounts

= New Listing. Pricing for reference only.
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Vehicle Mounts, Wireless Phone

Continuing product table (3 of 11)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Vehicle, Special Tool Required	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
474097 1 EACH	Pro.Fit International CV5500 Lifetime	00-02 CHEVROLET Monte Carlo	32.95 0.25 0.11	18.17 17.52 16.87
34507 1 EACH	Pro.Fit International CV7387 Lifetime	87-94 CHEVROLET S10 Blazer, 87-93 S10 Pickup, 87-93 GMC Jimmy, 91-94 OLDSMOBILE Bravada	32.95 0.25 0.11	18.17 17.52 16.87
27911 1 EACH	Pro.Fit International CV7494 Lifetime	94 CHEVROLET S10 Pickup, 94 GMC Sonoma	32.95 0.25 0.11	18.17 17.52 16.87
26305 1 EACH	Pro.Fit International CV7695 Lifetime	95-97 CHEVROLET S10 Blazer, S10 Pickup, 96-97 OLDS Bravada, 95-97 GMC Jimmy, Sonoma	32.95 0.25 0.11	18.17 17.52 16.87
93090 1 EACH	Pro.Fit International CV7698 Lifetime	98-01 CHEVROLET S10 Blazer, 98-02 S10 Pickup, 02 Trail Blazer (A/T only, w/o ACC), 98-01 OLDS Bravada, 98-01 GMC Jimmy, 98-02 GMC Sonoma, 98-00 GMC Envoy, 98 ISUZU Hombre Pickup.	32.95 1 0.45	18.17 17.52 16.87
20921 1 EACH	Pro.Fit International CV7199 Lifetime	99-03 CHEVROLET Silverado 1500/2500; 01-03 2500 HD; 01 2500 HD (4 Door Crew); 01-03 3500 (AT Only), 00-03 Suburban; 00-03 Tahoe (A/T only); 99-01 GMC Sierra 1500; 01-03 1500HD (4 Door Crew); 01-03 2500HD (AT Only); 00-03 GMC Yukon/ XL, 01-03 Denali. AT only with NEW BODY style, 01-03 CADILLAC Escalade with NEW BODY style.	32.95 0.25 0.11	18.17 17.52 16.87
15131 1 EACH	Pro.Fit International GE7097 Lifetime	96-97 GEO Tracker, 98 CHEVROLET Tracker, 96-98 SUZUKI Sidekick	32.95 0.25 0.11	18.17 17.52 16.87
22340 1 EACH	Pro.Fit International CV7099 Lifetime	99-01 CHEVROLET Tracker, 99-00 SUZUKI Grand Vitara	32.95 0.25 0.11	18.17 17.52 16.87
69892 1 EACH	Pro.Fit International CV9397 Lifetime	97-98 CHEVROLET Venture, 97-98 OLDSMOBILE Silhouette, 97-98 PONTIAC TransSport/ Montana	32.95 0.25 0.11	18.17 17.52 16.87
73704 1 EACH	Pro.Fit International CV9300 Lifetime	2000-02 Chevrolet Venture, Olds Silhouette, and Pontiac Montana (all w/o Warner Brother's Video System).	32.95 0.25 0.11	18.17 17.52 16.87
73717 1 EACH	Pro.Fit International CD5100 Lifetime	2000-02 Cadillac DeVille DHS, 2000-02 DTS	32.95 0.25 0.11	18.17 17.52 16.87
35790 1 EACH	Pro.Fit International DG5093 Lifetime	93-96 CHRYSLER Concord, 93-96 DODGE Intrepid, 93-96 EAGLE Vision	32.95 0.25 0.11	18.17 17.52 16.87
85803 1 EACH	Pro.Fit International DG5097 Lifetime	97 CHRYSLER Concord, 97 DODGE Intrepid, 97 EAGLE Vision	32.95 0.25 0.11	18.17 17.52 16.87
18108 1 EACH	Pro.Fit International DG5798 Lifetime	98-01 CHRYSLER Concorde LXi, LX	32.95 1 0.45	18.17 17.52 16.87
29812 1 EACH	Pro.Fit International DG5290 Lifetime	90-95 CHRYSLER LeBaron (4 Door Only) 90-95 DODGE Spirit, 90-95 PLYMOUTH Acclaim	32.95 0.25 0.11	18.17 17.52 16.87
62066 1 EACH	Pro.Fit International DG5199 Lifetime	99-02 CHRYSLER LHS, 99-02 CHRYSLER 300M	32.95 0.25 0.11	18.17 17.52 16.87
95340 1 EACH	Pro.Fit International DG5194 Lifetime	94-97 CHRYSLER New Yorker, 94-97 CHRYSLER LHS	32.95 0.25 0.11	18.17 17.52 16.87
439078 1 EACH	Pro.Fit International DG9201 Lifetime	2001-02 CHRYSLER PT Cruiser	32.95 0.25 0.11	18.17 17.52 16.87
60695 1 EACH	Pro.Fit International DG5595 Lifetime	95-00 DODGE Avenger, 95-00 CHRYSLER Sebring LX, LXi, 95-98 EAGLE Talon, 95-99 MITSUBISHI Eclipse	32.95 0.25 0.11	18.17 17.52 16.87
464019 1 EACH	Pro.Fit International DG5501 Lifetime	2001 CHRYSLER Sebring LXI Coupe, 2001 DODGE Stratus Coupe, and 2000-02 Mitsubishi Eclipse.	32.95 0.4 0.18	18.17 17.52 16.87
21293 1 EACH	Pro.Fit International DG9187 Lifetime	87-90 DODGE Caravan, 87-90 PLYMOUTH Voyager	32.95 0.2 0.09	18.17 17.52 16.87
59686 1 EACH	Pro.Fit International DG9191 Lifetime	91-93 DODGE Caravan, 91-93 PLYMOUTH Voyager, 91-93 CHRYSLER Town & Country	32.95 0.23 0.1	18.17 17.52 16.87
30519 1 EACH	Pro.Fit International DG9194 Lifetime	94-95 DODGE Caravan, 94-early95 PLYMOUTH Voyager, 94-early95 CHRYSLER Town and Country	32.95 0.25 0.11	18.17 17.52 16.87
57888 1 EACH	Pro.Fit International DG9196 Lifetime	96-00 DODGE Caravan, 96-00 PLYMOUTH Voyager, 96-00 CHRYSLER Town and Country	32.95 0.24 0.11	18.17 17.52 16.87
467079 1 EACH	Pro.Fit International DG9101 Lifetime	01-03 DODGE Caravan, 01-03 CHRYSLER Town and Country, '01-02 CHRYSLER Voyager	32.95 0.25 0.11	18.17 17.52 16.87
40528 1 EACH	Pro.Fit International DG7192 Lifetime	92-96 DODGE Dakota PickUp	32.95 0.34 0.15	18.17 17.52 16.87
28104 1 EACH	Pro.Fit International DG7198 Lifetime	97-00 DODGE Dakota, DODGE Dakota Quad Cab, 98-00 DODGE Durango w/ auto transmission only	32.95 0.25 0.11	18.17 17.52 16.87

Continuing product table (4 of 11)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Vehicle, Special Tool Required	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
457098 1 EACH	Pro.Fit International DG7101 Lifetime	2001-03 DODGE Dakota, 2001-03 DODGE Durango w/ auto transmission only.	32.95 0.2 0.09	18. 17. 16.
64325 1 EACH	Pro.Fit International DG5098 Lifetime	98-03 DODGE Intrepid	32.95 0.5 0.23	18. 17. 16.
89909 1 EACH	Pro.Fit International DG5695 Lifetime	94-99 DODGE Neon, 94-98 PLYMOUTH Neon	32.95 0.25 0.11	18. 17. 16.
85912 1 EACH	Pro.Fit International DG5600 Lifetime	2000-02 DODGE Neon, 2000-2001 PLYMOUTH Neon	32.95 0.28 0.13	18. 17. 16.
82126 1 EACH	Pro.Fit International DG7094 Lifetime	94-97 DODGE Ram PickUp	32.95 0.3 0.14	18. 17. 16.
31347 1 EACH	Pro.Fit International DG7098 Lifetime	98-02 DODGE Ram Pickup, 98-01 DODGE Ram Pickup 1500, 98-02 DODGE Ram Pickup 2500, 98-02 DODGE Ram Pickup 3500 Pickup. Automatic transmission only.	32.95 0.4 0.18	18. 17. 16.
34305 1 EACH	Pro.Fit International DG9098 Lifetime	98-03 DODGE Ram Cargo Van	32.95 0.22 0.1	18. 17. 16.
NEW 459197 1 EACH	Pro.Fit International DG7002 Lifetime	2002-03 DODGE Ram (1500 only), 2003 DODGE Ram 2500, 3500	32.95 0.37 0.17	18. 17. 16.
41777 1 EACH	Pro.Fit International DG5392 Lifetime	92-97 DODGE Stealth, 92-99 MITSUBISHI 3000GT	32.95 0.25 0.11	18. 17. 16.
10392 1 EACH	Pro.Fit International DG5495 Lifetime	95-00 DODGE Stratus, 95-00 CHRYSLER Cirrus, 96-00 CHRYSLER Sebring JX/JXI Convertible, 96-99 PLYMOUTH Breeze	32.95 0.25 0.11	18. 17. 16.
416070 1 EACH	Pro.Fit International DG5401 Lifetime	2001-02 DODGE Stratus, 2001-02 CHRYSLER Sebring Sedan, 2001-02 CHRYSLER Sebring Convertible	32.95 0.22 0.1	18. 17. 16.
76646 1 EACH	Pro.Fit International FO9293 Lifetime	93-97 FORD Aerostar Van	32.95 0.25 0.11	18. 17. 16.
46472 1 EACH	Pro.Fit International FO7090 Lifetime	89-90 FORD Bronco II, 90-94 Explorer, 89-94 Ranger, 92-94 MAZDA Navajo *Requires Ford DIN Tool (sku 46901)	32.95 0.25 0.11	18. 17. 16.
39551 1 EACH	Pro.Fit International FO5895 Lifetime	95-99 FORD Contour *Requires Ford DIN Tool (sku 46901)	32.95 0.2 0.09	18. 17. 16.
88828 1 EACH	Pro.Fit International FO5292 Lifetime	92-94 FORD Crown Victoria	32.95 0.25 0.11	18. 17. 16.
83067 1 EACH	Pro.Fit International MR5195 Lifetime	95-03 FORD Crown Victoria, 95-03 MERCURY Grand Marquis	32.95 0.2 0.09	18. 17. 16.
68205 1 EACH	Pro.Fit International FO9092 Lifetime	92-96 FORD Econoline Van (full size)	32.95 0.4 0.18	18. 17. 16.
46864 1 EACH	Pro.Fit International FO9097 Lifetime	97-00 FORD Econoline Van (full size)	32.95 0.01 0	18. 17. 16.
431069 1 EACH	Pro.Fit International FO7102 Lifetime	2002 FORD Explorer; 2002 MERCURY Mountaineer	32.95 0.25 0.11	18. 17. 16.
85257 1 EACH	Pro.Fit International FO7195 Lifetime	95-01 FORD Explorer; 95-01 MERCURY Mountaineer; 95-02 FORD Ranger; 01 FORD Sport Trak; 95-00 MAZDA B2300, 95-02 B4000 P/U, 95-02 B2500, 95-02 B3000 with Auto or Manual Climate Control. *Requires Ford DIN tool (sku 46901).	32.95 0.25 0.11	18. 17. 16.
458003 1 EACH	Pro.Fit International FO9001 Lifetime	2001 FORD Econoline Van	32.95 0.01 0	18. 17. 16.
84865 1 EACH	Pro.Fit International FO7487 Lifetime	87-91 FORD F Series Pickup	32.95 0.25 0.11	18. 17. 16.
33258 1 EACH	Pro.Fit International FO7492 Lifetime	92-96 FORD F150 Pickup, 92-97 FORD F250 Heavy Duty (old body style), 92-96 FORD F350, 92-96 FORD Bronco (full) Automatic transmission only	32.95 0.2 0.09	18. 17. 16.
438034 1 EACH	Pro.Fit International FO7601 Lifetime	2001 FORD Escape, 2001 MAZDA Tribute	32.95 0.25 0.11	18. 17. 16.
44536 1 EACH	Pro.Fit International FO7499 Lifetime	99-03 FORD F250, 99-03 F350, 99-03 F450, 00-01 F550 Super Duty, 00-01 F650 Super Duty, 00-03 FORD Excursion Automatic transmission only. Mounts below climate control.	32.95 0.44 0.2	18. 17. 16.
30887 1 EACH	Pro.Fit International FO5900 Lifetime	2000-02 FORD Focus *Requires Ford DIN Tool (sku 46901)	32.95 0.16 0.07	18. 17. 16.
91229 1 EACH	Pro.Fit International FO5794 Lifetime	94-02 FORD Mustang *Requires Ford DIN Tool (sku 46901) Requires Din Tool (sku 46901)	32.95 0.25 0.11	18. 17. 16.

Mounts

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Vehicle Mounts, Wireless Phone

ing product table (5 of 11)

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Vehicle, Special Tool Required	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
98 CH	Pro.Fit International FO5493 Lifetime	93-97 FORD Probe *Requires Ford DIN Tool (sku 46901) Requires Din Tool (sku 46901)	32.95 0.25 0.11	18.17 17.52 16.87
99 CH	Pro.Fit International FO5587 Lifetime	87-91 FORD Taurus, 87-91 MERCURY Sable, *Requires Ford DIN Tool (sku 46901). DIN style radios only. Requires Din Tool (sku 46901)	32.95 0.2 0.09	18.17 17.52 16.87
92 CH	Pro.Fit International FO5592 Lifetime	92-95 FORD Taurus *Requires Ford DIN tool (sku 46901) Requires Din Tool (sku 46901)	32.95 0.25 0.11	18.17 17.52 16.87
99 H	Pro.Fit International FO5596 Lifetime	96-99 FORD Taurus GL/SE 96-99 MERCURY Sable GS steering column shift only *Requires Ford DIN tool (sku 46901) Requires Din Tool (sku 46901)	32.95 0.25 0.11	18.17 17.52 16.87
94 H	Pro.Fit International FO5500 Lifetime	2000-02 FORD Taurus sedan, 2000-02 Taurus Station Wagon, 2000-01MERCURY Sable sedan, 2000 Mercury Station Wagon. Requires DIN tool (46901). Requires Din Tool (sku 46901)	32.95 0.25 0.11	18.17 17.52 16.87
98 H	Pro.Fit International MR5096 Lifetime	96-98 FORD Taurus LX, 96-99 MERCURY Sable LS, 98-99 FORD Taurus SE floor shift only *Requires Ford DIN tool (sku 46901) Requires Din Tool (sku 46901)	32.95 0.25 0.11	18.17 17.52 16.87
93 H	Pro.Fit International FO5689 Lifetime	89-93 FORD Thunderbird, 89-93 MERCURY Cougar	32.95 0.54 0.25	18.17 17.52 16.87
98 H	Pro.Fit International FO5694 Lifetime	94-97 FORD Thunderbird, 94-97 MERCURY Cougar	32.95 0.3 0.14	18.17 17.52 16.87
95 H	Pro.Fit International FO9195 Lifetime	95-97 FORD Windstar *Requires Ford DIN tool (sku 46901) Requires Din Tool (sku 46901)	32.95 0.26 0.12	18.17 17.52 16.87
98 H	Pro.Fit International FO9198 Lifetime	98 FORD Windstar *Requires Ford DIN tool (sku 46901) Requires Din Tool (sku 46901)	32.95 0.25 0.11	18.17 17.52 16.87
99 H	Pro.Fit International FO9199 Lifetime	99-01 FORD Windstar *Requires Ford DIN tool (sku 46901)	32.95 1 0.45	18.17 17.52 16.87
95 H	Pro.Fit International FR3197CARD Lifetime	97-99 FREIGHTLINER Century Semi. Chrome plated.Blister card/ skin packaged.	50.75 1 0.45	27.97 26.97 25.97
89 H	Pro.Fit International FR3089CARD Lifetime	89-99 FREIGHTLINER Conventional Semi. Chrome plated. Blister card/skin packaged.	50.75 1 0.45	27.97 26.97 25.97
93	Pro.Fit International GE5097 Lifetime	93-97 GEO Prizm	32.95 0.25 0.11	18.17 17.52 16.87
00	Pro.Fit International CV7702 Lifetime	2002 GMC Envoy	32.95 0.25 0.11	18.17 17.52 16.87
90	Pro.Fit International HO5090 Lifetime	90-93 HONDA Accord	32.95 0.25 0.11	18.17 17.52 16.87
94	Pro.Fit International HO5094 Lifetime	94-97 HONDA Accord	32.95 0.25 0.11	18.17 17.52 16.87
98	Pro.Fit International HO5098 Lifetime	98-02 HONDA Accord	32.95 0.25 0.11	18.17 17.52 16.87
97	Pro.Fit International HO5197 Lifetime	97-01 HONDA Prelude	32.95 0.25 0.11	18.17 17.52 16.87
99	Pro.Fit International HO5299 Lifetime	99-00 HONDA Civic	32.95 0.25 0.11	18.17 17.52 16.87
01	Pro.Fit International HO5201 Lifetime	01-02 HONDA Civic	32.95 0.25 0.11	18.17 17.52 16.87
97	Pro.Fit International HY5097 Lifetime	97-00 HYUNDAI Accent	32.95 0.25 0.11	18.17 17.52 16.87
97	Pro.Fit International HY5197 Lifetime	97-00 HYUNDAI Elantra	32.95 0.25 0.11	18.17 17.52 16.87
97	Pro.Fit International HY5297 Lifetime	97-98 HYUNDAI Sonata	32.95 0.25 0.11	18.17 17.52 16.87
97	Pro.Fit International HY5397 Lifetime	97-00 HYUNDAI Tiburon	32.95 1 0.45	18.17 17.52 16.87
99	Pro.Fit International IF5399 Lifetime	99 INFINITI G20	32.95 0.25 0.11	18.17 17.52 16.87
93	Pro.Fit International IF5293 Lifetime	93-97 INFINITI J30	32.95 0.25 0.11	18.17 17.52 16.87
91	Pro.Fit International IF5191 Lifetime	91-early 93 INFINITI Q45	32.95 0.25 0.11	18.17 17.52 16.87

Continuing product table (6 of 11)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Vehicle, Special Tool Required	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
31460 1 EACH	Pro.Fit International IF5194 Lifetime	94-96 INFINITI Q45	32.95 0.25 0.11	18.17 17.52 16.87
46521 1 EACH	Pro.Fit International IF5197 Lifetime	97-01 INFINITI Q45	32.95 0.25 0.11	18.17 17.52 16.87
NEW 411180 1 EACH	Pro.Fit International IF5102 Lifetime	2002 INFINITI Q45	32.95 0.25 0.11	18.17 17.52 16.87
NEW 422104 1 EACH	Pro.Fit International IZ7201 Lifetime	01-02 ISUZU Axiom	32.95 0.15 0.07	18.17 17.52 16.87
83155 1 EACH	Pro.Fit International IZ7193 Lifetime	93-early 95 ISUZU Rodeo, 95 HONDA Passport without airbags.	32.95 0.25 0.11	18.17 17.52 16.87
53524 1 EACH	Pro.Fit International IZ7196 Lifetime	95-97 ISUZU Rodeo, 96-97 HONDA Passport with air bags.	32.95 0.25 0.11	18.17 17.52 16.87
33068 1 EACH	Pro.Fit International IZ7198 Lifetime	98-01 ISUZU Rodeo, 98-99 ISUZU Amigo, 98-00HONDA Passport	32.95 0.15 0.07	18.17 17.52 16.87
96369 1 EACH	Pro.Fit International IZ7093 Lifetime	93-early 95 ISUZU Trooper	32.95 0.25 0.11	18.17 17.52 16.87
37054 1 EACH	Pro.Fit International IZ7096 Lifetime	95-01 ISUZU Trooper, 96-98 ACURA SLX	32.95 0.25 0.11	18.17 17.52 16.87
68120 1 EACH	Pro.Fit International JG5088 Lifetime	88-94 JAGUAR XJ6 Sedan	32.95 0.25 0.11	18.17 17.52 16.87
NEW 477162 1 EACH	Pro.Fit International JG5302 Lifetime	2002-03 JAGUAR X-Type	32.95 0.25 0.11	18.17 17.52 16.87
21032 1 EACH	Pro.Fit International JG5200 Lifetime	2000-02 JAGUAR S Type (with or without GPS)	32.95 1 0.45	18.17 17.52 16.87
81743 1 EACH	Pro.Fit International JG5095 Lifetime	95-97 JAGUAR XJ6,	32.95 0.25 0.11	18.17 17.52 16.87
30136 1 EACH	Pro.Fit International JG5197 Lifetime	97-02 JAGUAR XK8, 02 JAGUAR XKR	32.95 0.25 0.11	18.17 17.52 16.87
56501 1 EACH	Pro.Fit International JG5098 Lifetime	98-99 JAGUAR XJ6, 98-02 XJ8 Vanden Plas, 2000-02 XJ8L.	32.95 1 0.45	18.17 17.52 16.87
98278 1 EACH	Pro.Fit International JP7084 Lifetime	84-94 JEEP Cherokee	32.95 0.25 0.11	18.17 17.52 16.87
99487 1 EACH	Pro.Fit International JP7095 Lifetime	95-96 JEEP Cherokee	32.95 0.25 0.11	18.17 17.52 16.87
91790 1 EACH	Pro.Fit International JP7497 Lifetime	97-01 JEEP Cherokee (All, not Grand Cherokee)	32.95 0.5 0.23	18.17 17.52 16.87
22576 1 EACH	Pro.Fit International JP7192 Lifetime	92-95 JEEP Grand Cherokee	32.95 0.25 0.11	18.17 17.52 16.87
78232 1 EACH	Pro.Fit International JP7196 Lifetime	96-98 JEEP Grand Cherokee	32.95 0.25 0.11	18.17 17.52 16.87
66025 1 EACH	Pro.Fit International JP7199 Lifetime	99-02 JEEP Grand Cherokee (All)	32.95 0.3 0.14	18.17 17.52 16.87
NEW 413390 1 EACH	Pro.Fit International JP7302 Lifetime	2002-03 JEEP Liberty	32.95 0.25 0.11	18.17 17.52 16.87
75447 1 EACH	Pro.Fit International JP7297 Lifetime	97-01 JEEP Wrangler	32.95 0.25 0.11	18.17 17.52 16.87
72698 1 EACH	Pro.Fit International KA7099 Lifetime	99-00 KIA Sportage with automatic transmission	32.95 0.2 0.09	18.17 17.52 16.87
10760 1 EACH	Pro.Fit International KW3085CARD Lifetime	85-99 KENWORTH T600, 85-99 KENWORTH T800 with standard dash. Chrome plated. Blister card/skin packaged.	50.75 0.75 0.34	27.97 26.97 25.97
49153 1 EACH	Pro.Fit International KW3185CARD Lifetime	85-99 KENWORTH T600, 85-99 KENWORTH T800 with Easy Reach dash. Chrome plated. Blister card/skin packaged.	50.75 0.25 0.11	27.97 26.97 25.97
83195 1 EACH	Pro.Fit International KW3297 Lifetime	97-01 KENWORTH T2000 Semi Tractor. Chrome plated. Blister card/skin packaged.	50.75 0.75 0.34	27.97 26.97 25.97
97029 1 EACH	Pro.Fit International LX5192 Lifetime	92-00 LEXUS ES300 Sedan	32.95 0.25 0.11	18.17 17.52 16.87

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Vehicle Mounts, Wireless Phone

Continuing product table (7 of 11)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Vehicle, Special Tool Required	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
92451 1 EACH	Pro.Fit International LX5498 Lifetime	98-02 LEXUS GS300 w/o GPS, 98-00 LEXUS GS400 w & w/o GPS, '01 GS430 w/o GPS, '01 IS30 w/o GPS.	32.95 0.25 0.11	18.17 17.52 16.87
95780 1 EACH	Pro.Fit International LX5290 Lifetime	90-97 LEXUS LS400 Sedan, 93-97 LEXUS GS300 Sedan	32.95 0.25 0.11	18.17 17.52 16.87
51111 1 EACH	Pro.Fit International LX5298 Lifetime	98 LEXUS LS400, 99-00 LEXUS LS400 w/ GPS.	32.95 0.26 0.12	18.17 17.52 16.87
451053 1 EACH	Pro.Fit International LX5201 Lifetime	2001-02 LEXUS LS430 with or without GPS, 2002 LEXUS ES300 with or without GPS	32.95 0.25 0.11	18.17 17.52 16.87
35638 1 EACH	Pro.Fit International LX7099 Lifetime	99-02 LEXUS RX300	32.95 0.25 0.11	18.17 17.52 16.87
42924 1 EACH	Pro.Fit International LX5392 Lifetime	92-94 LEXUS SC300 Sport Coupe, 92-94 LEXUS SC400 Sport Coupe	32.95 0.25 0.11	18.17 17.52 16.87
46671 1 EACH	Pro.Fit International LC5087 Lifetime	90-94 LINCOLN Continental	32.95 0.25 0.11	18.17 17.52 16.87
28133 1 EACH	Pro.Fit International LC5095 Lifetime	95-97 LINCOLN Continental	32.95 0.24 0.11	18.17 17.52 16.87
41318 1 EACH	Pro.Fit International LC5098 Lifetime	98-02 LINCOLN Continental	32.95 1 0.45	18.17 17.52 16.87
21136 1 EACH	Pro.Fit International LC5300 Lifetime	2000-02 LINCOLN LS, 2000-03 FORD Thunderbird	32.95 0.25 0.11	18.17 17.52 16.87
17305 1 EACH	Pro.Fit International LC5293 Lifetime	93-94 LINCOLN Mark VIII	32.95 0.25 0.11	18.17 17.52 16.87
40183 1 EACH	Pro.Fit International LC5297 Lifetime	97-98 LINCOLN Mark VIII	32.95 0.25 0.11	18.17 17.52 16.87
44561 1 EACH	Pro.Fit International LC7098 Lifetime	97-02 FORD F150 (A/T only), 97-00 FORD F250 - Light Duty P/U (A/T only), 99-02 FORD Expedition (A/T only), 01-02 LINCOLN Blackwood, 98-02 LINCOLN Navigator	32.95 0.4 0.18	18.17 17.52 16.87
NEW 456335 1 EACH	Pro.Fit International LC7003 Lifetime	2003 LINCOLN Navigator Hook tool suggested, but not necessary.	32.95 0.4 0.18	18.17 17.52 16.87
16513 1 EACH	Pro.Fit International LC5190 Lifetime	90-94 LINCOLN Town Car	32.95 0.25 0.11	18.17 17.52 16.87
96281 1 EACH	Pro.Fit International LC5195 Lifetime	95-97 LINCOLN Town Car	32.95 0.25 0.11	18.17 17.52 16.87
79711 1 EACH	Pro.Fit International LC5198 Lifetime	98-02 LINCOLN Town Car	32.95 0.25 0.11	18.17 17.52 16.87
NEW 484344 1 EACH	Pro.Fit International LC5103 Lifetime	2003 LINCOLN Town Car	32.95 0.15 0.07	18.17 17.52 16.87
38270 1 EACH	Pro.Fit International MZ5193 Lifetime	93-97 MAZDA MX6 *Requires 2 pair Ford DIN tool Req. 2 pr din tools (46901)	32.95 0.25 0.11	18.17 17.52 16.87
79395 1 EACH	Pro.Fit International MZ5092 Lifetime	92-95 MAZDA 929 *Requires 2 pair Ford DIN tool (sku 46901)	32.95 0.25 0.11	18.17 17.52 16.87
63195 1 EACH	Pro.Fit International MZ5293 Lifetime	93-97 MAZDA 626 *Requires 2 pair Ford DIN tool (sku 46901) Req. 2 pr din tools (46901)	32.95 0.25 0.11	18.17 17.52 16.87
19854 1 EACH	Pro.Fit International MZ5298 Lifetime	98-02 MAZDA 626 Automatic transmission only.	32.95 1 0.45	18.17 17.52 16.87
58247 1 EACH	Pro.Fit International MZ5599 Lifetime	99-02 MAZDA Miata	32.95 1 0.45	18.17 17.52 16.87
44674 1 EACH	Pro.Fit International MZ5395 Lifetime	95-01 MAZDA Millenia	32.95 0.25 0.11	18.17 17.52 16.87
65362 1 EACH	Pro.Fit International MZ5497 Lifetime	97-98 MAZDA Protege'	32.95 0.25 0.11	18.17 17.52 16.87
63649 1 EACH	Pro.Fit International MC5084 Lifetime	84-94 MERCEDES Benz 190 D/E w/201 chassis	32.95 0.25 0.11	18.17 17.52 16.87
12042 1 EACH	Pro.Fit International MC5186 Lifetime	86-95 MERCEDES Benz 300 D/E, 400 D/E, 500 D/E with 124 chassis.	32.95 0.25 0.11	18.17 17.52 16.87
96894 1 EACH	Pro.Fit International MC5294 Lifetime	94-96 MERCEDES C220, 97-00 MERCEDES C230, 97-00 MERCEDES C280 *Requires Benz radio removal tool (sku 62187) and security code.	32.95 0.25 0.11	18.17 17.52 16.87

Continuing product table (8 of 11)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Vehicle, Special Tool Required	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
91917 1 EACH	Pro.Fit International MC5195 Lifetime	96-00 MERCEDES Benz E300, 96-02 320, 96-00 420, 96-02 E430 Requires Mercedes Benz radio removal tool (sku 62187)	32.95 0.25 0.11	18 17 16
13137 1 EACH	Pro.Fit International MC5397 Lifetime	97-99 MERCEDES Benz S320,S420,S500. 97-98 MERCEDES Benz S600 Requires Mercedes radio removal tool (62187) Req Mercedes Tool (62187)	32.95 0.25 0.11	18 17 16
16765 1 EACH	Pro.Fit International MC5300 Lifetime	2000-2002 MERCEDES Benz S Class (Sedan only). Hook tool 30541	32.95 0.25 0.11	18 17 16
22424 1 EACH	Pro.Fit International MC7098 Lifetime	98-00 MERCEDES ML320, 98-00 MERCEDES ML430 w/ o Command Control Center	32.95 1 0.45	18 17 16
454198 1 EACH	Pro.Fit International MC5201 Lifetime	2001-2002 MERCEDES C-Class.	32.95 0.25 0.11	18 17 16
44737 1 EACH	Pro.Fit International FO5699 Lifetime	99-02 MERCURY Cougar	32.95 0.25 0.11	18 17 16
93384 1 EACH	Pro.Fit International MR5192 Lifetime	92-94 MERCURY Grand Marquis	32.95 0.25 0.11	18 17 16
38302 1 EACH	Pro.Fit International MR5295 Lifetime	95-97 MERCURY Mystique Requires DIN tool (sku 46901) Requires Din Tool (sku 46901)	32.95 0.25 0.11	18 17 16
60817 1 EACH	Pro.Fit International MR5298 Lifetime	98-99 MERCURY Mystique	32.95 1 0.45	18 17 16
54906 1 EACH	Pro.Fit International MR5092 Lifetime	92-95 MERCURY Sable *Requires DIN tool (sku 46901)	32.95 0.25 0.11	18 17 16
55698 1 EACH	Pro.Fit International MR9093 Lifetime	93-95 MERCURY Villager, 93-95 NISSAN Quest	32.95 0.25 0.11	18 17 16
72589 1 EACH	Pro.Fit International MR9096 Lifetime	96-98 MERCURY Villager, 96-98 NISSAN Quest	32.95 0.25 0.11	18 17 16
81970 1 EACH	Pro.Fit International MR9099 Lifetime	99-01 MERCURY Villager, 99-02 NISSAN Quest	32.95 0.35 0.16	18 17 16
94091 1 EACH	Pro.Fit International MT5091 Lifetime	91-94 MITSUBISHI Diamante	32.95 0.25 0.11	18 17 16
23840 1 EACH	Pro.Fit International MT5097 Lifetime	97-02 MITSUBISHI Diamante	32.95 0.25 0.11	18 17 16
86164 1 EACH	Pro.Fit International MT5293 Lifetime	92-94 MITSUBISHI Eclipse 92-94 EAGLE Talon 92-94 PLYMOUTH Laser	32.95 0.25 0.11	18 17 16
38253 1 EACH	Pro.Fit International MT5193 Lifetime	94-95 MITSUBISHI Galant	32.95 0.25 0.11	18 17 16
78576 1 EACH	Pro.Fit International MT5197 Lifetime	96-98 MITSUBISHI Galant	32.95 0.25 0.11	18 17 16
69048 1 EACH	Pro.Fit International MT5199 Lifetime	99-02 MITSUBISHI Galant	32.95 0.25 0.11	18 17 16
25039 1 EACH	Pro.Fit International MT7092 Lifetime	93-99 MITSUBISHI Montero	32.95 0.26 0.12	18 17 16
45086 1 EACH	Pro.Fit International MT7197 Lifetime	97-02 MITSUBISHI Montero Sport	32.95 0.25 0.11	18 17 16
414015 1 EACH	Pro.Fit International MT7000 Lifetime	00-02 MITSUBISHI Montero	32.95 0.2 0.09	18 17 16
80170 1 EACH	Pro.Fit International NS5192 Lifetime	93-97 NISSAN Altima	32.95 0.32 0.15	18 17 16
41483 1 EACH	Pro.Fit International NS5198 Lifetime	98-01 NISSAN Altima	32.95 1 0.45	18 17 16
14416 1 EACH	Pro.Fit International NS7198 Lifetime	98-01 NISSAN Frontier (all), 2000-01 NISSAN Xterra	32.95 1 0.45	18 17 16
NEW 448194 1 EACH	Pro.Fit International NS7102 Lifetime	2002 NISSAN Xterra (A/T and Manual transmission), 2002 NISSAN Frontier	32.95 1 0.45	18 17 16
41692 1 EACH	Pro.Fit International NS5089 Lifetime	89-94 NISSAN Maxima	32.95 0.25 0.11	18 17 16
13091 1 EACH	Pro.Fit International NS5095 Lifetime	95-99 NISSAN Maxima, 96-99 INFINITI I30	32.95 0.3 0.14	18 17 16

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Vehicle Mounts, Wireless Phone

ing product table (9 of 11)

o. m	Manufacturer Mfg. P/N Warranty	Vehicle, Special Tool Required	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
7 H	Pro.Fit International NS5000 Lifetime	2000-02 NISSAN Maxima, 2000-01 INFINITI I30, 2000-01 INFINITI I30T, 2002 INFINITI I35	32.95 0.25 0.11	18.17 17.52 16.87
0 H	Pro.Fit International NS7094 Lifetime	94-95 NISSAN Pathfinder, 94-97 Nissan Pickup Truck	32.95 0.25 0.11	18.17 17.52 16.87
6 H	Pro.Fit International NS7096 Lifetime	96-01 NISSAN Pathfinder, 97-00 INFINITI QX4	32.95 0.25 0.11	18.17 17.52 16.87
6 H	Pro.Fit International NS7000 Lifetime	2001 NISSAN Pathfinder, 2001-02 INFINITI QX4	32.95 0.25 0.11	18.17 17.52 16.87
0 H	Pro.Fit International NS5297 Lifetime	97-98 NISSAN 200SX, 97-98 NISSAN Sentra	32.95 0.25 0.11	18.17 17.52 16.87
4 H	Pro.Fit International OL5295 Lifetime	95-99 OLDSMOBILE Aurora	32.95 0.25 0.11	18.17 17.52 16.87
8 H	Pro.Fit International OL5200 Lifetime	00-01 OLDSMOBILE Aurora	32.95 0.23 0.1	18.17 17.52 16.87
3 H	Pro.Fit International OL5499 Lifetime	99-02 OLDSMOBILE Alero	32.95 0.24 0.11	18.17 17.52 16.87
7 H	Pro.Fit International OL5090 Lifetime	90-94 OLDSMOBILE Cutlass Supreme Int'l	32.95 0.25 0.11	18.17 17.52 16.87
H	Pro.Fit International OL5095 Lifetime	95-97 OLDSMOBILE Cutlass Supreme Int'l	32.95 0.25 0.11	18.17 17.52 16.87
0	Pro.Fit International OL5097 Lifetime	97-98 OLDSMOBILE Cutlass Supreme	32.95 1 0.45	18.17 17.52 16.87
	Pro.Fit International OL7602 Lifetime	00-01 OLDSMOBILE Bravada	32.95 0.23 0.1	18.17 17.52 16.87
	Pro.Fit International OL5398 Lifetime	98-01 OLDSMOBILE Intrigue	32.95 0.22 0.1	18.17 17.52 16.87
	Pro.Fit International OL5194 Lifetime	94-98 OLDSMOBILE 88, 94-97 OLDSMOBILE 98, 97-99 OLDSMOBILE LSS, 97-98 OLDSMOBILE Regency	32.95 0.25 0.11	18.17 17.52 16.87
	Pro.Fit International PB3087CARD Lifetime	87-99 PETERBILT Conventional Semi. Chrome plated. Blister card/skin packaged.	50.75 1 0.45	27.97 26.97 25.97
	Pro.Fit International PB3000 Lifetime	2000-02 PETERBILT 378, 2000-02 PETERBILT 379, 2000-02 PETERBILT 385. Blister card packaged.	50.75 1 0.45	27.97 26.97 25.97
	Pro.Fit International PT7000 Lifetime	2001 PONTIAC Aztec	32.95 0.25 0.11	18.17 17.52 16.87
	Pro.Fit International PT5087 Lifetime	87-91 PONTIAC Bonneville	32.95 0.25 0.11	18.17 17.52 16.87
	Pro.Fit International PT5092 Lifetime	92-95 PONTIAC Bonneville 96-97 PONTIAC Bonneville w/o auto climate control	32.95 0.25 0.11	18.17 17.52 16.87
	Pro.Fit International PT5095 Lifetime	95-99 PONTIAC Bonneville with and without auto climate control	32.95 0.25 0.11	18.17 17.52 16.87
	Pro.Fit International PT5000 Lifetime	00-02 PONTIAC Bonneville	32.95 0.25 0.11	18.17 17.52 16.87
	Pro.Fit International PT5294 Lifetime	94-00 PONTIAC Firebird, 94-01 PONTIAC TransAm	32.95 0.25 0.11	18.17 17.52 16.87
	Pro.Fit International PT5397 Lifetime	96-98 PONTIAC Grand Am	32.95 0.25 0.11	18.17 17.52 16.87
	Pro.Fit International PT5399 Lifetime	99-03 PONTIAC Grand Am	32.95 1 0.45	18.17 17.52 16.87
	Pro.Fit International PT5190 Lifetime	90-93 PONTIAC Grand Prix	32.95 0.25 0.11	18.17 17.52 16.87
	Pro.Fit International PT5194 Lifetime	94-96 PONTIAC Grand Prix	32.95 0.25 0.11	18.17 17.52 16.87
	Pro.Fit International PT5197 Lifetime	97-01 PONTIAC Grand Prix	32.95 0.25 0.11	18.17 17.52 16.87
	Pro.Fit International PT5497 Lifetime	97-98 PONTIAC Sunfire	32.95 0.2 0.09	18.17 17.52 16.87

Continuing product table (10 of 11)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Vehicle, Special Tool Required	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
68103 1 EACH	Pro.Fit International PC5091 Lifetime	91-93 PORSCHE 911 Carrera	32.95 0.25 0.11	18.17 17.52 16.87
33457 1 EACH	Pro.Fit International LR7087 Lifetime	87-93 RANGE ROVER	32.95 0.25 0.11	18.17 17.52 16.87
80877 1 EACH	Pro.Fit International SB5087 Lifetime	87-93 SAAB 9000	32.95 0.25 0.11	18.17 17.52 16.87
10626 1 EACH	Pro.Fit International SB5097 Lifetime	97-98 SAAB 9000	32.95 0.25 0.11	18.17 17.52 16.87
16496 1 EACH	Pro.Fit International ST5091 Lifetime	91-94 SATURN (all models) W/O Factory CD.	32.95 0.25 0.11	18.17 17.52 16.87
22302 1 EACH	Pro.Fit International ST5095 Lifetime	95-99 SATURN (all models)	32.95 0.35 0.16	18.17 17.52 16.87
413022 1 EACH	Pro.Fit International ST5100 Lifetime	00-01 SATURN SL, SL1, SL2, SW2	32.95 0.25 0.11	18.17 17.52 16.87
87412 1 EACH	Pro.Fit International SU5096 Lifetime	96-97 SUBARU Impreza/ Outback	32.95 0.25 0.11	18.17 17.52 16.87
11795 1 EACH	Pro.Fit International SU7098 Lifetime	1998-02 SUBARU Forester, 1998-01 SUBARU Impreza	32.95 0.25 0.11	18.17 17.52 16.87
78703 1 EACH	Pro.Fit International SU5296 Lifetime	96-99 SUBARU Legacy (all), Outback	32.95 1 0.45	18.17 17.52 16.87
440078 1 EACH	Pro.Fit International SU5200 Lifetime	2000-02 SUBARU Legacy "L" Series (w/o factory CD player), 2000-02 SUBARU Legacy Outback (w/o facory CD player), 2000-02 SUBARU Legacy Wagon (w/o factory CD player)	32.95 0.5 0.23	18.17 17.52 16.87
22311 1 EACH	Pro.Fit International TY7194 Lifetime	94-98 TOYOTA T100	32.95 0.18 0.08	18.17 17.52 16.87
41029 1 EACH	Pro.Fit International TY5195 Lifetime	95-98 TOYOTA Avalon	32.95 0.18 0.08	18.17 17.52 16.87
428050 1 EACH	Pro.Fit International TY5100 Lifetime	2000-02 TOYOTA Avalon	32.95 0.18 0.08	18.17 17.52 16.87
54889 1 EACH	Pro.Fit International TY5092 Lifetime	92-96 TOYOTA Camry	32.95 0.25 0.11	18.17 17.52 16.87
37092 1 EACH	Pro.Fit International TY5097 Lifetime	97-01 TOYOTA Camry CE.LE.XLE	32.95 0.25 0.11	18.17 17.52 16.87
17441 1 EACH	Pro.Fit International TY5599 Lifetime	99-02 TOYOTA Camry/Solara	32.95 0.25 0.11	18.17 17.52 16.87
27096 1 EACH	Pro.Fit International TY5397 Lifetime	97-99 TOYOTA Celica	32.95 0.24 0.11	18.17 17.52 16.87
NEW 467184 1 EACH	Pro.Fit International TY5002 Lifetime	2002 TOYOTA Camry	32.95 0.25 0.11	18.17 17.52 16.87
84914 1 EACH	Pro.Fit International TY5297 Lifetime	97 TOYOTA Corolla	32.95 0.25 0.11	18.17 17.52 16.87
23161 1 EACH	Pro.Fit International TY5298 Lifetime	98-02 TOYOTA Corolla	32.95 0.25 0.11	18.17 17.52 16.87
92135 1 EACH	Pro.Fit International TY7090 Lifetime	90-95 TOYOTA 4 Runner, 90-94 TOYOTA Pickup	32.95 0.2 0.09	18.17 17.52 16.87
62343 1 EACH	Pro.Fit International TY7096 Lifetime	96-02 TOYOTA 4 Runner w/o Auto Climate Control, 99-01 TOYOTA 4 Runner (all).	32.95 0.25 0.11	18.17 17.52 16.87
480111 1 EACH	Pro.Fit International TY7501 Lifetime	2001-02 TOYOTA Highlander	32.95 0.15 0.07	18.17 17.52 16.87
74198 1 EACH	Pro.Fit International TY7497 Lifetime	97 TOYOTA Land Cruiser, 97 LEXUS LX450	32.95 0.25 0.11	18.17 17.52 16.87
70212 1 EACH	Pro.Fit International TY7498 Lifetime	98-02 TOYOTA Land Cruiser, 98-01 LEXUS LX470	32.95 1 0.45	18.17 17.52 16.87
NEW 428305 1 EACH	Pro.Fit International TY5502 Lifetime	2002-2003 TOYOTA Matrix, 2002-2003 PONTIAC Vibe	32.95 0.15 0.07	18.17 17.52 16.87
57216 1 EACH	Pro.Fit International TY9091 Lifetime	91-96 TOYOTA Previa	32.95 0.25 0.11	18.17 17.52 16.87

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Vehicle Mounts, Wireless Phone

Continuing product table (11 of 11)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Vehicle, Special Tool Required	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
35462 1 EACH	Pro.Fit International TY7397 Lifetime	96-00 TOYOTA RAV4	32.95 0.25 0.11	18.17 17.52 16.87
463040 1 EACH	Pro.Fit International TY7301 Lifetime	2001-02 TOYOTA RAV4	32.95 0.25 0.11	18.17 17.52 16.87
85996 1 EACH	Pro.Fit International TY9198 Lifetime	98-02 TOYOTA Sienna	32.95 1 0.45	18.17 17.52 16.87
32261 1 EACH	Pro.Fit International TY7295 Lifetime	95-97 TOYOTA Tacoma	32.95 0.18 0.08	18.17 17.52 16.87
23794 1 EACH	Pro.Fit International TY7298 Lifetime	98-02 TOYOTA Tacoma	32.95 1 0.45	18.17 17.52 16.87
35805 1 EACH	Pro.Fit International TY5497 Lifetime	97 TOYOTA Tercel, 97 TOYOTA Paseo	32.95 0.25 0.11	18.17 17.52 16.87
21314 1 EACH	Pro.Fit International TY7100 Lifetime	2000-02 TOYOTA Tundra, 2001-02 TOYOTA Sequoia	32.95 1 0.45	18.17 17.52 16.87
74768 1 EACH	Pro.Fit International VW5298 Lifetime	99-02 VOLKSWAGEN Beetle	32.95 0.25 0.11	18.17 17.52 16.87
69941 1 EACH	Pro.Fit International VW5094 Lifetime	94-98 VOLKSWAGEN Jetta/Golf	32.95 0.2 0.09	18.17 17.52 16.87
16805 1 EACH	Pro.Fit International VW5000 Lifetime	99.5-2002 VOLKSWAGEN Jetta/ Golf. (Call for 2001 instructions).	32.95 0.25 0.11	18.17 17.52 16.87
22591 1 EACH	Pro.Fit International VW5197 Lifetime	97 VOLKSWAGEN Passat	32.95 0.25 0.11	18.17 17.52 16.87
18605 1 EACH	Pro.Fit International VW5198 Lifetime	98-99 VOLKSWAGEN Passat	32.95 1 0.45	18.17 17.52 16.87
475154 1 EACH	Pro.Fit International VW5100 Lifetime	2000-2002 VOLKSWAGEN Passat	32.95 1 0.45	18.17 17.52 16.87
83214 1 EACH	Pro.Fit International VO3098 Lifetime	98-00 VOLVO 610, 660, 670 Semi Tractor. Chrome plated. Blister card/skin packaged.	50.75 0.75 0.34	27.97 26.97 25.97
51530 1 EACH	Pro.Fit International VO5498 Lifetime	98-00 VOLVO S70, 98-00 VOLVO V70	32.95 0.25 0.11	18.17 17.52 16.87
93282 1 EACH	Pro.Fit International VO5187 Lifetime	87-92 VOLVO 700 Series	32.95 0.25 0.11	18.17 17.52 16.87
14574 1 EACH	Pro.Fit International VO5393 Lifetime	93-97 VOLVO 850 series, 95-97 VOLVO 960, 98 VOLVO S90,V90	32.95 0.25 0.11	18.17 17.52 16.87
28478 1 EACH	Pro.Fit International VO5292 Lifetime	92-95 VOLVO 900 Series, 92 740 Wagon	32.95 0.25 0.11	18.17 17.52 16.87
486007 1 EACH	Pro.Fit International VO5500 Lifetime	00-02 VOLVO S70, 00-02 VOLVO V70	32.95 0.16 0.07	18.17 17.52 16.87

PanaVise InDash Mounts

InDash custom mount eliminates exposed holes in vehicle. For clean, easy, nearly invisible phone mount installation. Made in USA from heavy gauge steel. Complete instructions included.

Continuing product table (1 of 13)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Vehicle, Special Tool Required	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
98322 1 EACH	PanaVise 75116-196 Lifetime	94-01 ACURA Integra	27.60 0.25 0.11	15.22 14.44 13.80
480044 1 EACH	PanaVise 75116-301 Lifetime	2001-02 ACURA MDX	27.60 0.25 0.11	15.22 14.44 13.80
40212 1 EACH	PanaVise 75119-398 Lifetime	2000 ACURA 2.5, 2000 ACURA 3.2TL	27.60 0.25 0.11	15.22 14.44 13.80

Continuing product table (2 of 13)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Vehicle, Special Tool Required	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
68411 1 EACH	PanaVise 75119-300 Lifetime	2001-2003 ACURA 3.2CL, 2001-2002 3.2CL/S, 1999-2003 3.2TL, 1999-2002 3.2TL/S	27.60 0.25 0.11	15 14 13
448039 1 EACH	PanaVise 75116-200 Lifetime	99-02 ACURA 3.5RL w/o Nav	27.60 0.25 0.11	15 14 13
NEW 461156 1 EACH	PanaVise 75116-502 Lifetime	2002 ACURA 3.5RL w/Nav	27.60 0.25 0.11	15 14 13
427079 1 EACH	PanaVise 75119-498 Lifetime	91-02 ACURA NSX	27.60 0.25 0.11	15 14 13
NEW 494164 1 EACH	PanaVise 75116-402 Lifetime	2002 ACURA RSX, 2002 ACURA RSX Type S w/CD changer	27.60 0.25 0.11	15 14 13
45382 1 EACH	PanaVise 75102-196 Lifetime	96-98 AUDI A4 Quatro 2.8 with WAVED28D5XA030017 and WAVWS28D5XA199997 VIN Numbers only.	27.60 0.25 0.11	15 14 13
18614 1 EACH	PanaVise 75102-199 Lifetime	96-99 AUDI A4 Sedan, 98-99 A4 Avant (wagon).	27.60 0.25 0.11	15 14 13
10303 1 EACH	PanaVise 75102-499 Lifetime	99.5 AUDI A4 Sedan	27.60 0.25 0.11	15 14 13
17301 1 EACH	PanaVise 75102-600 Lifetime	98-01 Audi A4 (not 99.5), 98-03 Audi A6 (not 99.5), 00-02 S4, 01-03 Allroad Requires radio removal DIN tools (4)	27.60 0.25 0.11	15 14 13
NEW 475130 1 EACH	PanaVise 75102-602 Lifetime	2002 -03 AUDI A4	27.60 0.25 0.11	15 14 13
68248 1 EACH	PanaVise 75102-399 Lifetime	1998-03 AUDI A8, 2001-03 AUDI A8L, 2001-03 AUDI S8	27.60 0.2 0.09	15 14 13
55037 1 EACH	PanaVise 75102-500 Lifetime	2000-02 AUDI TT	27.60 0.25 0.11	15 14 13
41271 1 EACH	PanaVise 75103-597 Lifetime	97-98 BMW 318i, 97-98 BMW 328i	27.60 0.25 0.11	15 14 13
33822 1 EACH	PanaVise 75103-599 Lifetime	99-00 BMW 318i 4 door sedan, 2000 BMW 323Ci, 99-00 BMW 323i 4dr sedan, 99-00 BMW 323i Wagon, 01-02 BMW 325Ci Convertible, 01-02 BMW 325Ci Coupe, 01-02 BMW 325i Sedan, 01-02 BMW 325i Wagon, 99-00 BMW 328i 4 door sedan, 00 BMW 328Ci, 01-02 BMW 330Ci, 01-02 BMW 330i Sedan, 01-02 BMW 330Xi Coupe, 01-02 BMW 330Xi Convertible, 01-02 BMW M3 Coupe, 01-02 BMW M3 Convertible.	27.60 0.25 0.11	15 14 13
30285 1 EACH	PanaVise 75103-194 Lifetime	89-95 BMW 525I, 94-95 BMW 530I	27.60 0.25 0.11	15 14 13
83775 1 EACH	PanaVise 75103-397 Lifetime	2001-02 BMW 525i, 96-00 BMW 528i, 2001-02 BMW 530i, 96-02 BMW 540i, 01-02 BMW M5	27.60 0.25 0.11	15 14 13
76454 1 EACH	PanaVise 75103-295 Lifetime	95-01 BMW 740IL	27.60 0.25 0.11	15 14 13
55138 1 EACH	PanaVise 75103-600 Lifetime	2000-02 BMW X5	27.60 0.25 0.11	15 14 13
416074 1 EACH	PanaVise 75103-401 Lifetime	97-02 BMW Z3 Roadster	27.60 0.25 0.11	15 14 13
12039 1 EACH	PanaVise 75108-395 Lifetime	95-96 BUICK Century	27.60 0.25 0.11	15 14 13
34836 1 EACH	PanaVise 75108-397 Lifetime	97-02 BUICK Century	27.60 1 0.45	15 14 13
54535 1 EACH	PanaVise 75108-196 Lifetime	96-01 BUICK Le Sabre/Ultra, 2000-01 CHEVY Venture Van, 96-98 OLDS Achieva SL, 96-02 BUICK Park Ave, 96-02 BUICK Park Ave Ultra, 96-98 BUICK Skylark Ltd/ Custom, 2000-01 CHEVY Impala, 2000 OLDS Silhouette, 2000-01 CHEVY Monte Carlo, 2000 PONTIAC Montana, 00-01 PONTIAC Sunfire.	27.60 0.23 0.1	15 14 13
96141 1 EACH	PanaVise 75108-100 Lifetime	2000-02 BUICK LeSabre	27.60 0.23 0.1	15 14 13
88825 1 EACH	PanaVise 75108-595 Lifetime	95-96 BUICK Regal	27.60 0.25 0.11	15 14 13
63531 1 EACH	PanaVise 75108-597 Lifetime	97.5-02 BUICK Regal GS/LS	27.60 0.25 0.11	15 14 13
93406 1 EACH	PanaVise 75108-297 Lifetime	95-99 BUICK Riviera (console shift only)	27.60 0.2 0.09	15 14 13

Mounts

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Vehicle Mounts, Wireless Phone

uing product table (3 of 13)

No. Jom	Manufacturer Mfg. P/N Warranty	Vehicle, Special Tool Required	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
73 CH	PanaVise 75109-699 Lifetime	97-99 CADILLAC Catera	27.60 0.25 0.11	15.22 14.44 13.80
39 CH	PanaVise 75109-600 Lifetime	2000-2001 CADILLAC Catera	27.60 0.3 0.14	15.22 14.44 13.80
W 343 CH	PanaVise 75109-703 Lifetime	2003 CADILLAC CTS	27.60 0.25 0.11	15.22 14.44 13.80
12 CH	PanaVise 75109-597 Lifetime	97-98 CADILLAC DeVille	27.60 0.25 0.11	15.22 14.44 13.80
81 CH	PanaVise 75109-501 Lifetime	2000-02 CADILLAC DeVille DTS, 2000-02 CADILLAC DeVille DHS, 2000-02 CADILLAC DeVille	27.60 0.31 0.14	15.22 14.44 13.80
46 CH	PanaVise 75109-296 Lifetime	96 CADILLAC Sedan DeVille	27.60 0.36 0.16	15.22 14.44 13.80
18 CH	PanaVise 75109-394 Lifetime	94-95 CADILLAC SeVille & ElDorado	27.60 0.25 0.11	15.22 14.44 13.80
64 CH	PanaVise 75109-397 Lifetime	96-97 CADILLAC SeVille SLS/STS, 97-00 CADILLAC ElDorado, 97-02 CADILLAC ElDorado ETC, 01-02 CADILLAC ElDorado ESC, 97-99 CADILLAC DeVille Concourse	27.60 0.2 0.09	15.22 14.44 13.80
38 CH	PanaVise 75109-399 Lifetime	98-02 CADILLAC SeVille SLS/STS	27.60 1 0.45	15.22 14.44 13.80
43 CH	PanaVise 75110-495 Lifetime	90-95 CHEVROLET Astro Van, 90-95 GMC Safari Van	27.60 0.25 0.11	15.22 14.44 13.80
78 CH	PanaVise 75112-299 Lifetime	96-02 CHEVROLET Astro Van, 96-02 GMC Safari Van SLX	27.60 0.36 0.16	15.22 14.44 13.80
50 CH	PanaVise 75110-394 Lifetime	93-94 CHEVROLET S-10 Blazer, 93-94 CHEVROLET S10 P/U, 93-94 GMC Jimmy, 93-94 OLDSMOBILE Bravada.	27.60 0.25 0.11	15.22 14.44 13.80
4 CH	PanaVise 75112-195 Lifetime	95-97 CHEVY S10 Blazer, 95-97 CHEVY S10 Pickup, 95-97 GMC Jimmy, 95-97 GMC Sonoma Pickup, 95-97 OLDS Bravada	27.60 0.25 0.11	15.22 14.44 13.80
9 H	PanaVise 751101395 Lifetime	93-96 CHEVROLET Camaro	27.60 1.85 0.84	15.22 14.44 13.80
9 H	PanaVise 75110-794 Lifetime	1993-94 CHEVROLET Cavalier	27.60 0.25 0.11	15.22 14.44 13.80
8 H	PanaVise 75110-795 Lifetime	95-01 CHEVROLET Cavalier	27.60 0.25 0.11	15.22 14.44 13.80
4 H	PanaVise 75110-194 Lifetime	94-96 CHEVROLET Corsica	27.60 0.25 0.11	15.22 14.44 13.80
4 H	PanaVise 751101095 Lifetime	92-96 CHEVROLET Corvette	27.60 0.25 0.11	15.22 14.44 13.80
7 H	PanaVise 751101195 Lifetime	91-95 CHEVROLET Full Size Van	27.60 0.25 0.11	15.22 14.44 13.80
7 H	PanaVise 75110-293 Lifetime	87-94 CHEVROLET Full Size PickUp, 92-94 CHEVROLET Suburban. 87-94 GMC Sierra Pickup, 92-94 GMC Yukon	27.60 0.16 0.07	15.22 14.44 13.80
H	PanaVise 75110-895 Lifetime	94-96 CHEVROLET Impala SS	27.60 0.4 0.18	15.22 14.44 13.80
	PanaVise 751101597 Lifetime	95-00 CHEVY Lumina Car, 97-02 CHEVY Camaro, 98-02 CHEVY Blazer (w/o CD changer), 2000 Trailblazer , 98-01 GMC Jimmy, 98-01 CHEVROLET S10 P/U, 97-99 CHEVY Venture Van, 97-02 CORVETTE, 99-00 ISUZU Hombre, 98-02 GMC Sonoma P/U, 98-02 CHEVROLET S-Series P/U.	27.60 1.85 0.84	15.22 14.44 13.80
	PanaVise 751101401 Lifetime	2001 CHEVROLET Malibu	27.60 0.25 0.11	15.22 14.44 13.80
	PanaVise 75110-995 Lifetime	95-98 CHEVROLET Monte Carlo	27.60 0.4 0.18	15.22 14.44 13.80
	PanaVise 75110-695 Lifetime	95-99 CHEVROLET Suburban, 1500/2500 series, Yukon/Tahoe, 95-98 GMC Sierra, 99 CADILLAC Escalade	27.60 0.35 0.16	15.22 14.44 13.80
	PanaVise 751101699 Lifetime	95-99 CHEVROLET C-K Pickup, 95-99 CHEVROLET Suburban, 95-99 CHEVROLET Tahoe, 2000 CHEVROLET 3500HD (old body), 2001 CHEVROLET 3500HD (new body), 2000 CHEVROLET Tahoe Classic, 95-99 GMC Suburban, 95-99 GMC Yukon Denali with automatic transmission only.	27.60 0.45 0.2	15.22 14.44 13.80

Continuing product table (4 of 13)

Parc No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Vehicle, Special Tool Required	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
76216 1 EACH	PanaVise 751101799 Lifetime	02-03 CADILLAC Escalade, 02-03 CADILLAC EXT,03 CADILLAC ESV, 01-03 CHEVROLET 2500HD (Silverado), 01-03 CHEVROLET 3500HD - new body style, 02-03 CHEVROLET Avalanche, 00-02 CHEVROLET C-K Pickup, 99-02 CHEVROLET Silverado P/U, 00-02 CHEVROLET Suburban, 00-02 CHEVROLET Tahoe, 01-03 GMC 1500HD, 01-03 GMC 2500HD, 01-02 GMC C3 Sierra, 99-02 GMC Sierra 1500 P/U - new body, 02-03 GMC Sierra Denali, 00-03 GMC Yukon, 01-03 GMC Yukon Denali, 00-03 GMC Yukon XL	27.60 0.25 0.11	15.22 14.44 13.80
480062 1 EACH	PanaVise 751102002 Lifetime	2002 CHEVROLET TrailBlazer	27.60 0.25 0.11	15.22 14.44 13.80
19355 1 EACH	PanaVise 751101700 Lifetime	99-02 CHEVROLET Tracker	27.60 0.25 0.11	15.22 14.44 13.80
61681 1 EACH	PanaVise 75104-499 Lifetime	98-02 CHRYSLER Concorde LXi/LX, 98-02 DODGE Intrepid	27.60 0.22 0.1	15.22 14.44 13.80
54215 1 EACH	PanaVise 75104-194 Lifetime	93-94 CHRYSLER LeBaron LE 4DR, 90-94 PLYMOUTH Acclaim.	27.60 0.25 0.11	15.22 14.44 13.80
92608 1 EACH	PanaVise 75104-195 Lifetime	95 CHRYSLER LeBaron Convertable	27.60 0.25 0.11	15.22 14.44 13.80
41001 1 EACH	PanaVise 75104-294 Lifetime	94-97 CHRYSLER LHS, New Yorker	27.60 0.25 0.11	15.22 14.44 13.80
88710 1 EACH	PanaVise 75104-399 Lifetime	99-01 CHRYSLER LHS, 99-02 CHRYSLER 300M	27.60 0.25 0.11	15.22 14.44 13.80
70639 1 EACH	PanaVise 75104-501 Lifetime	2001-03 CHRYSLER PT Cruiser	27.60 0.16 0.07	15.22 14.44 13.80
75611 1 EACH	PanaVise 75105-795 Lifetime	95-98 DODGE Avenger, 96-98 CHRYSLER Sebring (Hardtop Only)	27.60 0.36 0.16	15.22 14.44 13.80
449061 1 EACH	PanaVise 75105-101 Lifetime	2001-03 DODGE Caravan, 2001-02 CHRYSLER Town and Country, 2001-02 CHRYSLER Voyager	27.60 0.25 0.11	15.22 14.44 13.80
70656 1 EACH	PanaVise 75105-191 Lifetime	91-93 DODGE Caravan, 91-93 PLYMOUTH Voyager, 91-93 CHRYSLER Town and Country	27.60 0.25 0.11	15.22 14.44 13.80
79394 1 EACH	PanaVise 75105-195 Lifetime	94-95 DODGE Caravan, 94-95 PLYMOUTH Voyager, 94-95 CHRYSLER Town and Country	27.60 0.25 0.11	15.22 14.44 13.80
37218 1 EACH	PanaVise 75105-196 Lifetime	96-99 DODGE Caravan, 96-99 PLYMOUTH Voyager, 96-99 CHRYSLER Town and Country	27.60 0.25 0.11	15.22 14.44 13.80
99577 1 EACH	PanaVise 75105-292 Lifetime	92-96 DODGE Dakota PickUp	27.60 0.25 0.11	15.22 14.44 13.80
65699 1 EACH	PanaVise 75105-299 Lifetime	97-00 DODGE Dakota PickUp, 97-00 DODGE Durango	27.60 0.35 0.16	15.22 14.44 13.80
431049 1 EACH	PanaVise 75105-201 Lifetime	2001-02 DODGE Dakota PickUp (AT only), 2001-02 DODGE Durango (AT only) #20 Torx	27.60 0.25 0.11	15.22 14.44 13.80
47970 1 EACH	PanaVise 75105-391 Lifetime	91 DODGE Dynasty	27.60 0.25 0.11	15.22 14.44 13.80
27787 1 EACH	PanaVise 75105-495 Lifetime	93-97 DODGE Intrepid, 93-97 EAGLE Vision, 93-97 CHRYSLER Concorde	27.60 0.16 0.07	15.22 14.44 13.80
27262 1 EACH	PanaVise 75106-194 Lifetime	94-99 PLYMOUTH/DODGE Neon, 97-99 JEEP Cherokee Country, 97-01 Cherokee Sport, 2001 Cherokee Classic, 2001 Cherokee Limited, 98-00 DODGE Ram Pickup, 2001 Ram P/U Club Cab, 2002 Ram 2500HD P/U, 2002 Ram 3500HD P/U.	27.60 0.3 0.14	15.22 14.44 13.80
16641 1 EACH	PanaVise 75105-1200 Lifetime	2000 DODGE Neon	27.60 0.16 0.07	15.22 14.44 13.80
450069 1 EACH	PanaVise 75106-301 Lifetime	2001-03 DODGE/PLYMOUTH Neon	27.60 0.16 0.07	15.22 14.44 13.80
NEW 473264 1 EACH	PanaVise 75105-502 Lifetime	2002 DODGE Ram 1500 - new body style	27.60 0.2 0.09	15.22 14.44 13.80
64167 1 EACH	PanaVise 75105-896 Lifetime	96-97 DODGE Ram Van 2500, 3500	27.60 0.25 0.11	15.22 14.44 13.80
86363 1 EACH	PanaVise 75105-594 Lifetime	94-97 DODGE Ram PickUp	27.60 0.2 0.09	15.22 14.44 13.80
419091 1 EACH	PanaVise 75105-898 Lifetime	98-02 DODGE Ram Van 1500, 2500, 3500	27.60 0.25 0.11	15.22 14.44 13.80

Mounts

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Vehicle Mounts, Wireless Phone

Continuing product table (5 of 13)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Vehicle, Special Tool Required	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
34756 1 EACH	PanaVise 75105-693 Lifetime	93-95 DODGE Spirit	27.60 0.25 0.11	15.22 14.44 13.80
33121 1 EACH	PanaVise 751051091 Lifetime	91-97 DODGE Stealth, 91-99 MITSUBISHI 3000GT	27.60 0.25 0.11	15.22 14.44 13.80
82123 1 EACH	PanaVise 75105-996 Lifetime	95-99 DODGE Stratus, 95-99 PLYMOUTH Breeze, 95-99 CHRYSLER Sebring (Convertible), 95-99 CHRYSLER Cirrus	27.60 0.25 0.11	15.22 14.44 13.80
490095 1 EACH	PanaVise 75104-601 Lifetime	2001-03 DODGE Stratus Sedan, 2001-02 CHRYSLER Sebring Sedan, 2001-02 CHRYSLER Sebring Convertible	27.60 0.25 0.11	15.22 14.44 13.80
487012 1 EACH	PanaVise 751051300 Lifetime	98-01 DODGE Viper	27.60 0.16 0.07	15.22 14.44 13.80
93140 1 EACH	PanaVise 75121-196 Lifetime	95-99 EAGLE Talon ESi, 95-99 MITSUBISHI Eclipse (all)	27.60 0.25 0.11	15.22 14.44 13.80
73149 1 EACH	PanaVise 75107-192 Lifetime	92-97 FORD AeroStar	27.60 0.25 0.11	15.22 14.44 13.80
12345 1 EACH	PanaVise 751071297 Lifetime	97-99 FORD Club Wagon, 97-00 FORD Econoline E350	27.60 0.26 0.12	15.22 14.44 13.80
83865 1 EACH	PanaVise 75107-895 Lifetime	95-00 FORD Contour	27.60 0.25 0.11	15.22 14.44 13.80
496048 1 EACH	PanaVise 75125-194 Lifetime	92-94 FORD Crown Victoria	27.60 0.25 0.11	15.22 14.44 13.80
32258 1 EACH	PanaVise 75125-195 Lifetime	95-02 FORD Crown Victoria, 95-02 MERCURY Grand Marquis, 03 MERCURY Marauder	27.60 0.25 0.11	15.22 14.44 13.80
486068 1 EACH	PanaVise 751071701 Lifetime	2001-03 FORD Escape (A/T only)	27.60 1 0.45	15.22 14.44 13.80
22031 1 EACH	PanaVise 751071195 Lifetime	95-96 FORD Escort, 95-96 MERCURY Tracer	27.60 1 0.45	15.22 14.44 13.80
474140 1 EACH	PanaVise 751071201 Lifetime	2001-2003 FORD Econoline E-150 Van, E-250 Van, E-350 Van	27.60 0.26 0.12	15.22 14.44 13.80
21542 1 EACH	PanaVise 75107-292 Lifetime	90-94 FORD Explorer/ Ranger 94 Mazda B2300,3000,4000 Pick Up	27.60 0.28 0.13	15.22 14.44 13.80
24004 1 EACH	PanaVise 75107-295 Lifetime	95-01 FORD Explorer, 2001-03 FORD Explorer Sport, 2001-03 FORD Explorer Sport Trac, 95-03 FORD Ranger, 95-02 MAZDA B series, 97-01 Mercury Mountaineer, 95-99 Mazda B2500 P/U all WITHOUT automatic climate control, 03 Mazda Truck B series WITHOUT automatic climate control	27.60 0.33 0.15	15.22 14.44 13.80
16354 1 EACH	PanaVise 751071495 Lifetime	95-01 FORD Explorer, 95-00 FORD Ranger, 95-99 MAZDA B series P/U, 98-99 Mazda B2500, 97-01 MERCURY Mountaineer. All WITH auto climate control.	27.60 0.25 0.11	15.22 14.44 13.80
453038 1 EACH	PanaVise 75107-202 Lifetime	2002-03 FORD Explorer, 2002-03 MERCURY Mountaineer.	27.60 0.24 0.11	15.22 14.44 13.80
98328 1 EACH	PanaVise 75107-393 Lifetime	92-96 FORD F150,F250,F350 PickUps, 97 FORD F250/ 350HD (Auto. trans only) 92-96 FORD Bronco Full Size	27.60 0.18 0.08	15.22 14.44 13.80
60107 1 EACH	PanaVise 75107-397 Lifetime	97-03 FORD F150 (w/ACC and Auto trans.), 97-00 F250LD (Auto trans.), 01-02 F150 Super Crew (Auto trans.), 01-02 F150 Super Cab (Auto trans.), 97-99 FORD Expedition (w/o Auto Climate Control)	27.60 0.25 0.11	15.22 14.44 13.80
32573 1 EACH	PanaVise 75107-399 Lifetime	97-02 FORD Expedition with Auto Climate Control W/O GPS, 2000-02 LINCOLN Navigator with Auto Climate Control W/O GPS, 2002 LINCOLN Blackwood, 97-03 F150 auto w/climate cntrl..	27.60 0.26 0.12	15.22 14.44 13.80
NEW 460391 1 EACH	PanaVise 751071803 Lifetime	2003 FORD Expedition	27.60 0.26 0.12	15.22 14.44 13.80
38147 1 EACH	PanaVise 75107-398 Lifetime	98-03 FORD F250SD, 98-03 F350SD, 98-02 F450 with auto. trans., 98-02 F550 with auto. trans., 00-02 F650 with auto. trans., 00-02 F750 with auto. trans. and 7 speed manual, 2000-03 FORD Excursion.	27.60 1 0.45	15.22 14.44 13.80
55111 1 EACH	PanaVise 751071600 Lifetime	2000-02 FORD Focus Sedan, 2000-02 FORD Focus Wagon, 2002 FORD Focus ZX3 Coupe, 2002 FORD ZX5 Wagon	27.60 1 0.45	15.22 14.44 13.80
98500 1 EACH	PanaVise 75107-793 Lifetime	93 FORD Mustang GT	27.60 1 0.45	15.22 14.44 13.80
97079 1 EACH	PanaVise 75107-795 Lifetime	94-03 FORD Mustang	27.60 0.25 0.11	15.22 14.44 13.80

Continuing product table (6 of 13)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Vehicle, Special Tool Required	List ($) Wt. (lbs) Wgt. (kg.)	T
22139 1 EACH	PanaVise 751071094 Lifetime	93-97 FORD Probe	27.60 1 0.45	1 1 1
33507 1 EACH	PanaVise 75107-591 Lifetime	87-91 FORD Taurus, 87-91 MERCURY Sable	27.60 0.25 0.11	1 1 1
20293 1 EACH	PanaVise 75107-594 Lifetime	94-95 FORD Taurus	27.60 0.25 0.11	1 1 1
12560 1 EACH	PanaVise 75107-596 Lifetime	96-99 FORD Taurus GL (non console), 98-99 FORD Taurus SE, (non console), 96-99 MERCURY Sable GS (non console)	27.60 0.3 0.14	1 1 1
54747 1 EACH	PanaVise 751071395 Lifetime	96-99 FORD Taurus LX, 98-99 FORD Taurus SE, 96-99 MERCURY Sable LS (With Console)	27.60 0.25 0.11	1 1 1
49944 1 EACH	PanaVise 751071500 Lifetime	2000-03 FORD Taurus LX w/console, 2000-03 FORD Taurus SE w/console, 2000-03 FORD Taurus SEL, 2000-03 FORD Taurus SES, 2000-03 MERCURY Sable LS w/ console, 2000-03 MERCURY Sable GS, 2000-03 MERCURY Sable LS	27.60 0.25 0.11	1 1 1
70669 1 EACH	PanaVise 75107-G2 Lifetime	2000-03 FORD Taurus w/ column shift 6 passanger and GPS, 2000-02 MERCURY Sable w/ column shift 6 passanger and GPS.	27.60 0.25 0.11	1 1 1
46721 1 EACH	PanaVise 75107-490 Lifetime	1989-93 FORD Thunderbird, 1989-93 MERCURY Cougar	27.60 0.25 0.11	1 1 1
85114 1 EACH	PanaVise 75107-494 Lifetime	94-97 FORD Thunderbird, 94-97 MERCURY Cougar	27.60 0.25 0.11	1 1 1
58686 1 EACH	PanaVise 75107-695 Lifetime	95-98 FORD Windstar	27.60 1 0.45	1 1 1
97521 1 EACH	PanaVise 75107-699 Lifetime	1999-03 FORD Windstar	27.60 0.3 0.14	1 1 1
486145 1 EACH	PanaVise 75141-301 Lifetime	2001 FREIGHTLINER Business Class FL50, FL60, FL70, FL80, FL106, FL112	49.20 0.19 0.09	2 2 2
456146 1 EACH	PanaVise 75141-401 Lifetime	2001 FREIGHTLINER Business Class FL50, FL60, FL70, FL80, FL106, FL112	49.20 0.19 0.09	2 2 2
96145 1 EACH	PanaVise 75141-199 Lifetime	1997-2001 FREIGHTLINER Century Class Tractor	49.20 0.25 0.11	2 2 2
63760 1 EACH	PanaVise 75141-299 Lifetime	1989-2001 FREIGHTLINER Conventional Cab	49.20 0.25 0.11	2 2 2
413005 1 EACH	PanaVise 75112-301 Lifetime	2001-02 GMC Savana, 2001-02 CHEVROLET Express, 2002-03 CHEVROLET Impala, 2003 Hummer H2	27.60 0.28 0.13	1 1 1
464040 1 EACH	PanaVise 75112-402 Lifetime	2002 GMC Envoy	27.60 0.36 0.16	1 1 1
66027 1 EACH	PanaVise 75112-397 Lifetime	96-00 GMC Savana, 96-00 CHEVROLET Express	27.60 0.36 0.16	1 1 1
57437 1 EACH	PanaVise 75117-190 Lifetime	90-93 HONDA Accord	27.60 0.25 0.11	1 1 1
37921 1 EACH	PanaVise 75117-194 Lifetime	94-97 HONDA Accord	27.60 0.25 0.11	1 1 1
20484 1 EACH	PanaVise 75117-700 Lifetime	98-02 HONDA Accord	27.60 0.25 0.11	1 1 1
NEW 418303 1 EACH	PanaVise 75117-703 Lifetime	2003 HONDA Accord	27.60 0.25 0.11	1 1 1
21836 1 EACH	PanaVise 75117-499 Lifetime	99-00 HONDA Civic	27.60 0.25 0.11	1 1 1
426131 1 EACH	PanaVise 75117-401 Lifetime	2001 HONDA Civic, 2001-02 HONDA Civic DX, 2001-02 HONDA Civic EX, 2001-02 HONDA Civic LX	27.60 0.25 0.11	1 1 1
57007 1 EACH	PanaVise 75117-399 Lifetime	98-01 HONDA CRV	27.60 0.2 0.09	1 1 1
NEW 424249 1 EACH	PanaVise 75117-302 Lifetime	2002 HONDA CRV	27.60 0.18 0.08	1 1 1
486035 1 EACH	PanaVise 75117-601 Lifetime	99-02 HONDA Odyssey with or w/o Nav, w/DVD.	27.60 0.25 0.11	1 1 1
51487 1 EACH	PanaVise 75117-295 Lifetime	95 HONDA Passport, 97 ISUZU Rodeo	27.60 0.25 0.11	1 1 1

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Vehicle Mounts, Wireless Phone

ing product table (7 of 13)

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Vehicle, Special Tool Required	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
V 29 CH	PanaVise 75117-903 Lifetime	2003 HONDA Pilot	27.60 0.2 0.09	15.22 14.44 13.80
29 CH	PanaVise 75117-599 Lifetime	97-01 HONDA Prelude	27.60 0.25 0.11	15.22 14.44 13.80
00 CH	PanaVise 75117-800 Lifetime	2000 HONDA S2000	27.60 0.25 0.11	15.22 14.44 13.80
78 CH	PanaVise 75118-399 Lifetime	97-00 HYUNDAI Elantra	27.60 0.25 0.11	15.22 14.44 13.80
V 50 H	PanaVise 75118-601 Lifetime	01 HYUNDAI XG300, 02 HYUNDAI XG350, 01-02 HYUNDAI Elantra Sedan, 01-02 HYUNDAI Elantra GT	27.60 0.25 0.11	15.22 14.44 13.80
V 52 H	PanaVise 75118-501 Lifetime	2001-02 HYUNDAI Santa Fe	27.60 0.25 0.11	15.22 14.44 13.80
0 H	PanaVise 75118-299 Lifetime	99-02 HYUNDAI Sonata	27.60 0.25 0.11	15.22 14.44 13.80
3 H	PanaVise 75130-394 Lifetime	94-96 INFINITI G20	27.60 0.25 0.11	15.22 14.44 13.80
6 H	PanaVise 75130-399 Lifetime	1999-2000 INFINITI G20	27.60 0.25 0.11	15.22 14.44 13.80
0 H	PanaVise 75130-296 Lifetime	96-99 INFINITI I30	27.60 0.25 0.11	15.22 14.44 13.80
5 H	PanaVise 75130-200 Lifetime	2000-01 INFINITI I30	27.60 0.25 0.11	15.22 14.44 13.80
7 H	PanaVise 75130-402 Lifetime	2002 INFINITI Q45	27.60 1 0.45	15.22 14.44 13.80
2 H	PanaVise 75130-400 Lifetime	97-01 INFINITI Q45 with and w/o GPS	27.60 1 0.45	15.22 14.44 13.80
5 H	PanaVise 75145-201 Lifetime	2001-2002 INTERNATIONAL 4300, 2001-2002 INTERNATIONAL 4400	49.20 0.25 0.11	27.14 25.75 24.60
H	PanaVise 75145-101 Lifetime	1996-2001 INTERNATIONAL 9000-Series, 1996-2001 INTERNATIONAL 9000-Series Eagle	49.20 0.25 0.11	27.14 25.75 24.60
0	PanaVise 75119-502 Lifetime	2002 ISUZU Axiom	27.60 0.25 0.11	15.22 14.44 13.80
	PanaVise 75119-193 Lifetime	93-95 ISUZU Rodeo	27.60 0.25 0.11	15.22 14.44 13.80
	PanaVise 75119-198 Lifetime	01-02 ISUZU Rodeo Sport AT, 98-02 ISUZU Rodeo AT, 98-00 ISUZU Amigo, 98-02 HONDA Passport AT	27.60 0.25 0.11	15.22 14.44 13.80
	PanaVise 75119-296 Lifetime	96-02 ISUZU Trooper, 96-99 ACURA SLX	27.60 0.25 0.11	15.22 14.44 13.80
	PanaVise 75120-100 Lifetime	2000-01 JAGUAR S Type 3.0L and 4.0L	27.60 0.25 0.11	15.22 14.44 13.80
	PanaVise 75120-201 Lifetime	1997-01 JAGUAR XK-8, 2002 JAGUAR XKR	27.60 0.25 0.11	15.22 14.44 13.80
	PanaVise 75120-302 Lifetime	2002-03 JAGUAR X-Type	27.60 0.25 0.11	15.22 14.44 13.80
	PanaVise 75122-196 Lifetime	84-96 JEEP Cherokee	27.60 0.25 0.11	15.22 14.44 13.80
	PanaVise 75122-295 Lifetime	92-95 JEEP Grand Cherokee Laredo	27.60 0.25 0.11	15.22 14.44 13.80
	PanaVise 75122-296 Lifetime	96-98 JEEP Grand Cherokee Laredo/Limited	27.60 0.18 0.08	15.22 14.44 13.80
	PanaVise 75122-201 Lifetime	99-03 JEEP Grand Cherokee (All)	27.60 0.23 0.1	15.22 14.44 13.80
	PanaVise 75122-402 Lifetime	2002-03 JEEP Liberty Limited, 2002-03 JEEP Liberty Sport	27.60 0.17 0.08	15.22 14.44 13.80
	PanaVise 75122-397 Lifetime	97-98 JEEP Wrangler	27.60 0.18 0.08	15.22 14.44 13.80

Continuing product table (8 of 13)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Vehicle, Special Tool Required	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
466009 1 EACH	PanaVise 75122-301 Lifetime	99-02 JEEP Wrangler	27.60 0.25 0.11	15.22 14.44 13.80
98622 1 EACH	PanaVise 75142-299 Lifetime	82-2001 KENWORTH W900, 95-2001 KENWORTH T300, 89-2001 KENWORTH T600, 92-2001 KENWORTH T800 without Easy Reach Dash	49.20 0.25 0.11	27.14 25.75 24.60
47015 1 EACH	PanaVise 75142-399 Lifetime	93-2001 KENWORTH W900, 93-2001 KENWORTH T600, 93-2001 KENWORTH T800, with Easy Reach Dash	49.20 0.3 0.14	27.14 25.75 24.60
461036 1 EACH	PanaVise 75142-302 Lifetime	2002-03 KENWORTH W900, 2002-03 KENWORTH T600, 2002-03 KENWORTH T800/T300	49.20 0.25 0.11	27.14 25.75 24.60
479028 1 EACH	PanaVise 75123-401 Lifetime	2001-02 KIA Optima	27.60 0.25 0.11	15.22 14.44 13.80
421048 1 EACH	PanaVise 75123-301 Lifetime	2001- 02 KIA Rio, 2002 KIA Rio Cinco	27.60 0.25 0.11	15.22 14.44 13.80
34834 1 EACH	PanaVise 75123-299 Lifetime	99-01 KIA Sephia, 2000-02 KIA Spectra	27.60 0.25 0.11	15.22 14.44 13.80
NEW **443133** 1 EACH	PanaVise 75123-502 Lifetime	2002 KIA Sedona	27.60 0.25 0.11	15.22 14.44 13.80
68756 1 EACH	PanaVise 75123-199 Lifetime	96-00 KIA Sportage	27.60 0.25 0.11	15.22 14.44 13.80
424177 1 EACH	PanaVise 75123-101 Lifetime	2001- 02 KIA Sportage 4 x 2, 2001 KIA Sportage 4 x 4	27.60 0.25 0.11	15.22 14.44 13.80
89880 1 EACH	PanaVise 75126-296 Lifetime	95-99 LAND ROVER Discovery, 99-02 LAND ROVER Discovery II	27.60 0.25 0.11	15.22 14.44 13.80
NEW **441116** 1 EACH	PanaVise 75126-302 Lifetime	2002 LAND ROVER Freelander	27.60 0.25 0.11	15.22 14.44 13.80
38273 1 EACH	PanaVise 75126-196 Lifetime	96-02 LAND ROVER Range Rover SE	27.60 0.25 0.11	15.22 14.44 13.80
NEW **494349** 1 EACH	PanaVise 75126-103 Lifetime	2003 LAND ROVER Range Rover	27.60 0.25 0.11	15.22 14.44 13.80
18954 1 EACH	PanaVise 75136-297 Lifetime	97-00 LEXUS ES300	27.60 0.25 0.11	15.22 14.44 13.80
NEW **412160** 1 EACH	PanaVise 75136-202 Lifetime	2002 LEXUS ES300	27.60 0.25 0.11	15.22 14.44 13.80
451147 1 EACH	PanaVise 75136-200 Lifetime	1990-2001 LEXUS ES300, 2002 LEXUS SC430	27.60 0.2 0.09	15.22 14.44 13.80
86960 1 EACH	PanaVise 75136-194 Lifetime	1993-02 LEXUS GS300 with or without NAV, 2002 LEXUS ES430	27.60 0.25 0.11	15.22 14.44 13.80
449073 1 EACH	PanaVise 75136-701 Lifetime	2001-02 LEXUS IS300 w/ or w/o Nav, 2002 LEXUS IS300 Sportcross w/ or w/o Nav	27.60 1.3 0.59	15.22 14.44 13.80
453023 1 EACH	PanaVise 75136-801 Lifetime	2001-02 LEXUS LS430 w or w/o Navigation	27.60 0.25 0.11	15.22 14.44 13.80
49899 1 EACH	PanaVise 75136-396 Lifetime	90-00 LEXUS LS400	27.60 0.25 0.11	15.22 14.44 13.80
34605 1 EACH	PanaVise 75136-699 Lifetime	99-02 LEXUS RX300	27.60 0.25 0.11	15.22 14.44 13.80
86556 1 EACH	PanaVise 75136-495 Lifetime	93-99 LEXUS SC300, 93-99 LEXUS SC400	27.60 0.23 0.1	15.22 14.44 13.80
70234 1 EACH	PanaVise 75124-295 Lifetime	95-97 LINCOLN Continental	27.60 0.25 0.11	15.22 14.44 13.80
NEW **91206** 1 EACH	PanaVise 75124-296 Lifetime	98-02 LINCOLN Continental	27.60 1 0.45	15.22 14.44 13.80
492061 1 EACH	PanaVise 75124-501 Lifetime	2000-02 LINCOLN LS	27.60 0.25 0.11	15.22 14.44 13.80
12153 1 EACH	PanaVise 75124-498 Lifetime	97-98 LINCOLN Mark VIII	27.60 0.25 0.11	15.22 14.44 13.80
39599 1 EACH	PanaVise 75124-398 Lifetime	98-99 LINCOLN Navigator	27.60 0.25 0.11	15.22 14.44 13.80

Mounts

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Vehicle Mounts, Wireless Phone

Continuing product table (9 of 13)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Vehicle, Special Tool Required	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 452394 1 EACH	PanaVise 75124-303 Lifetime	2003 LINCOLN Navigator	27.60 0.25 0.11	15.22 14.44 13.80
56188 1 EACH	PanaVise 75124-194 Lifetime	90-94 LINCOLN Town Car	27.60 1 0.45	15.22 14.44 13.80
46069 1 EACH	PanaVise 75124-195 Lifetime	95-97 LINCOLN Town Car	27.60 0.25 0.11	15.22 14.44 13.80
81540 1 EACH	PanaVise 75124-196 Lifetime	98-02 LINCOLN Town Car	27.60 0.25 0.11	15.22 14.44 13.80
NEW 488383 1 EACH	PanaVise 75124-103 Lifetime	2003 LINCOLN Town Car	27.60 0.25 0.11	15.22 14.44 13.80
57347 1 EACH	PanaVise 75127-695 Lifetime	1994-97 MAZDA Miata MX-5	27.60 1 0.45	15.22 14.44 13.80
21620 1 EACH	PanaVise 75127-699 Lifetime	99-02 MAZDA Miata MX-5	27.60 0.25 0.11	15.22 14.44 13.80
61864 1 EACH	PanaVise 75127-495 Lifetime	95-02 MAZDA Millenia	27.60 1 0.45	15.22 14.44 13.80
29760 1 EACH	PanaVise 75127-194 Lifetime	94-95 MAZDA MPV	27.60 0.25 0.11	15.22 14.44 13.80
41799 1 EACH	PanaVise 75127-199 Lifetime	2000-02 MAZDA MPV	27.60 0.25 0.11	15.22 14.44 13.80
88939 1 EACH	PanaVise 75127-799 Lifetime	99-02 MAZDA Protege, 2002 MAZDA Protege 5	27.60 0.25 0.11	15.22 14.44 13.80
66258 1 EACH	PanaVise 75127-299 Lifetime	98-00 MAZDA 626. Automatic transmission only.	27.60 0.25 0.11	15.22 14.44 13.80
68153 1 EACH	PanaVise 75127-294 Lifetime	93-97 MAZDA 626	27.60 0.25 0.11	15.22 14.44 13.80
430028 1 EACH	PanaVise 75127-201 Lifetime	2001- 02 MAZDA 626. Automatic transmission only.	27.60 0.25 0.11	15.22 14.44 13.80
492079 1 EACH	PanaVise 75127-801 Lifetime	2001-02 MAZDA Tribute (A/T only)	27.60 0.25 0.11	15.22 14.44 13.80
70966 1 EACH	PanaVise 75107-499 Lifetime	99-02 MERCURY Cougar	27.60 0.25 0.11	15.22 14.44 13.80
49183 1 EACH	PanaVise 75125-395 Lifetime	95-97 MERCURY Mystique	27.60 0.25 0.11	15.22 14.44 13.80
19359 1 EACH	PanaVise 75125-399 Lifetime	98-00 MERCURY Mystique	27.60 0.25 0.11	15.22 14.44 13.80
79472 1 EACH	PanaVise 75125-499 Lifetime	99-02 MERCURY VILLAGER, 99-02 NISSAN Quest	27.60 0.25 0.11	15.22 14.44 13.80
77664 1 EACH	PanaVise 75129-398 Lifetime	97-02 MITUSBISHI Diamante	27.60 0.25 0.11	15.22 14.44 13.80
11120 1 EACH	PanaVise 75129-498 Lifetime	96-98 MITUSBISHI Galant	27.60 0.25 0.11	15.22 14.44 13.80
49513 1 EACH	PanaVise 75129-499 Lifetime	99-02 MITUSBISHI Galant	27.60 0.25 0.11	15.22 14.44 13.80
NEW 432166 1 EACH	PanaVise 75129-702 Lifetime	2002 MITUSBISHI Lancer	26.10 1 0.45	14.38 13.64 13.04
35353 1 EACH	PanaVise 75129-195 Lifetime	93-98 MITSUBISHI Montero	27.60 0.25 0.11	15.22 14.44 13.80
59001 1 EACH	PanaVise 75129-199 Lifetime	99-00 MITSUBISHI Montero	27.60 0.25 0.11	15.22 14.44 13.80
55104 1 EACH	PanaVise 75129-601 Lifetime	2001-02 MITSUBISHI Montero, 2001-02 MITSUBISHI Montero Limited, 2000-03 MITSUBISHI Eclipse (Spyder), 2001-02 CHRYSLER Sebring(Coupe), 2001-02 DODGE Stratus(Coupe)	27.60 0.25 0.11	15.22 14.44 13.80
70498 1 EACH	PanaVise 75129-297 Lifetime	1997-2002 MITUSBISHI Mirage	27.60 1 0.45	15.22 14.44 13.80
31320 1 EACH	PanaVise 75129-599 Lifetime	97-03 MITSUBISHI Montero Sport	27.60 1 0.45	15.22 14.44 13.80

Continuing product table (10 of 13)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Vehicle, Special Tool Required	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 443346 1 EACH	PanaVise 75146-102 Lifetime	2002 MINI Cooper, 2002 MINI CooperS	27.60 0.2 0.09	15 14 13
NEW 432319 1 EACH	PanaVise 75128-494 Lifetime	2002 MERCEDES E55 w/Nav, 96-99 MERCEDES E300, 96-02 MERCEDES E320 Sedan, 98-02 MERCEDES E320 Wagon, 96-97 MERCEDES E420, 98-02 MERCEDES E430 Sedan	27.60 0.25 0.11	15 14 13
30305 1 EACH	PanaVise 75128-195 Lifetime	94-96 MERCEDES C220, 97-00 MERCEDES C230, 94-99 MERCEDES C280	27.60 0.25 0.11	15 14 13
410148 1 EACH	PanaVise 75128-901 Lifetime	2002-03 MERCEDES C32, 2002-03 MERCEDES C230 Kompressor Coupe, 2001-03 MERCEDES C240 Sedan, 2001-03 MERCEDES C320 Sedan, 2002-03 MERCEDES C320 Wagon	27.60 0.25 0.11	15 14 13
55034 1 EACH	PanaVise 75128-899 Lifetime	98-99 MERCEDES CLK320, 99 MERCEDES CLK430	27.60 0.2 0.09	15 14 13
NEW 477380 1 EACH	PanaVise 75128-801 Lifetime	00-02 MERCEDES CLK320 Coupe, 00-03 MERCEDES CLK320 Cabrio, 00-02 MERCEDES CLK430 Coupe, 00-03 MERCEDES CLK430 Cabrio, 01-02 MERCEDES CLK55 Coupe, 02 MERCEDES CLK55 Cabrio	27.60 0.2 0.09	15 14 13
31324 1 EACH	PanaVise 75128-496 Lifetime	2002 MERCEDES E55 w/Nav, 96-99 MERCEDES E300, 96-02 MERCEDES E320 Sedan, 98-02 MERCEDES E320 Wagon, 96-97 MERCEDES E420, 98-02 MERCEDES E430 Sedan	27.60 0.25 0.11	1 1 1
NEW 431321 1 EACH	PanaVise 75128-403 Lifetime	2003 MERCEDES E320, 2003 MERCEDES E500	27.60 0.25 0.11	1 1 1
51996 1 EACH	PanaVise 75128-398 Lifetime	98-99 MERCEDES ML320, 99 MERCEDES ML430 w/o Command Center	27.60 1 0.45	1 1 1
480011 1 EACH	PanaVise 75128-300 Lifetime	02 MERCEDES ML55, 99-02 MERCEDES ML320 with Command Center, 99-01 MERCEDES ML430 with Command Center, 02 MERCEDES ML500	27.60 1 0.45	1 1 1
95740 1 EACH	PanaVise 75128-297 Lifetime	97-99 MERCEDES S320,S420,S500, 97-98 MERCEDES S600	27.60 0.23 0.1	1 1 1
41266 1 EACH	PanaVise 75128-500 Lifetime	01-02 MERCEDES S55, 00-02 MERCEDES S430, 00-02 MERCEDES S500, 01-02 MERCEDES S600	27.60 1 0.45	1 1 1
12370 1 EACH	PanaVise 75128-699 Lifetime	94-97 MERCEDES SL320, 94-02 MERCEDES SL500, 94-02 MERCEDES SL600	27.60 1 0.45	1 1 1
12308 1 EACH	PanaVise 75128-799 Lifetime	02-03 MERCEDES SLK32, 98-03 MERCEDES SLK230, 01-03 MERCEDES SLK320	27.60 0.25 0.11	1 1 1
28511 1 EACH	PanaVise 75131-295 Lifetime	94-97 NISSAN Altima	27.60 0.25 0.11	1 1 1
80192 1 EACH	PanaVise 75131-299 Lifetime	98-01 NISSAN Altima	27.60 0.25 0.11	1 1 1
NEW 444141 1 EACH	PanaVise 75131-202 Lifetime	2002 NISSAN Altima	27.60 0.25 0.11	1 1 1
41124 1 EACH	PanaVise 75131-799 Lifetime	98-01 NISSAN Frontier,2000-01 NISSAN Frontier Crew Cab, 2000-01 NISSAN Xterra	27.60 0.25 0.11	1 1 1
NEW 433114 1 EACH	PanaVise 75131-702 Lifetime	2002 NISSAN Frontier, 2002 NISSAN Xterra	27.60 0.2 0.09	1 1 1
53690 1 EACH	PanaVise 75131-494 Lifetime	89-94 NISSAN Maxima	27.60 0.25 0.11	1 1 1
79880 1 EACH	PanaVise 75131-497 Lifetime	95-99 NISSAN Maxima	27.60 0.25 0.11	1 1 1
45445 1 EACH	PanaVise 75131-400 Lifetime	2000-2002 NISSAN Maxima	27.60 0.1 0.05	1 1 1
41725 1 EACH	PanaVise 75131-195 Lifetime	94-95 NISSAN Pathfinder, 94-97 NISSAN Pickup	27.60 0.25 0.11	1 1 1
41999 1 EACH	PanaVise 75131-197 Lifetime	97-99.5 NISSAN Pathfinder, 97-99 INFINITY QX4	27.60 0.25 0.11	1 1 1
80904 1 EACH	PanaVise 75131-101 Lifetime	2001-02 NISSAN Pathfinder w/o Nav, 2001-02 INFINITI QX4 w/o Nav	27.60 0.25 0.11	1 1 1
66904 1 EACH	PanaVise 75131-395 Lifetime	93-95 NISSAN Quest, 93-95 MERCURY Villager	27.60 0.25 0.11	1 1 1
90389 1 EACH	PanaVise 75131-396 Lifetime	96-98 NISSAN Quest, 96-98 MERCURY Villager	27.60 1 0.45	1 1 1

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Vehicle Mounts, Wireless Phone

uing product table (11 of 13)

No. Uom	Manufacturer Mfg. P/N Warranty	Vehicle, Special Tool Required	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
00 CH	PanaVise 75131-696 Lifetime	96-98 NISSAN Sentra GXE	27.60 0.25 0.11	15.22 14.44 13.80
22 CH	PanaVise 75131-899 Lifetime	1999 NISSAN Sentra	27.60 0.25 0.11	15.22 14.44 13.80
56 CH	PanaVise 75131-800 Lifetime	2000-2002 NISSAN Sentra, 2002 NISSAN Sentra Vspec Se-R	27.60 0.25 0.11	15.22 14.44 13.80
21 CH	PanaVise 75131-596 Lifetime	94-96 NISSAN 300ZX	27.60 1 0.45	15.22 14.44 13.80
76 CH	PanaVise 75113-495 Lifetime	95 OLDSMOBILE Achieva	27.60 1 0.45	15.22 14.44 13.80
71 CH	PanaVise 75113-799 Lifetime	99-02 OLDSMOBILE Alero	27.60 0.25 0.11	15.22 14.44 13.80
76 CH	PanaVise 75113-195 Lifetime	95-99 OLDSMOBILE Aurora	27.60 0.25 0.11	15.22 14.44 13.80
55 CH	PanaVise 75113-101 Lifetime	2001-02 OLDSMOBILE Aurora	27.60 0.25 0.11	15.22 14.44 13.80
32 CH	PanaVise 75113-899 Lifetime	98-00 OLDSMOBILE Bravada	27.60 0.22 0.1	15.22 14.44 13.80
41 CH	PanaVise 75113-802 Lifetime	2002 OLDSMOBILE Bravada, 2002 BUICK Rendezvous, 2002 CHEVROLET Monte Carlo, 2002 CHEVROLET Malibu, 2002 CHEVROLET Blazer (with CD changer), 1998-02 CHEVROLET S-10 (with CD changer), 1998-02 GMC Sonoma (with CD changer), 2003 GMC Sonoma P/U	27.60 0.25 0.11	15.22 14.44 13.80
0 CH	PanaVise 75113-395 Lifetime	95-96 OLDSMOBILE Cutlass Ciera	27.60 0.25 0.11	15.22 14.44 13.80
7 H	PanaVise 75113-595 Lifetime	95-97 OLDSMOBILE Cutlass Supreme	27.60 1 0.45	15.22 14.44 13.80
8 H	PanaVise 75113-698 Lifetime	98-02 OLDSMOBILE Intrigue	27.60 0.25 0.11	15.22 14.44 13.80
7 H	PanaVise 75113-294 Lifetime	94-99 OLDSMOBILE 88, 94-97 OLDSMOBILE 98	27.60 0.25 0.11	15.22 14.44 13.80
3 H	PanaVise 75140-199 Lifetime	87-99 PETERBILT Conventional	49.20 0.25 0.11	27.14 25.75 24.60
8 H	PanaVise 75140-101 Lifetime	2001-02 PETERBILT Conventional Cab #357, #378, #379, #385	49.20 0.35 0.16	27.14 25.75 24.60
1 H	PanaVise 75106-299 Lifetime	97-02 PLYMOUTH Prowler	27.60 0.25 0.11	15.22 14.44 13.80
1 H	PanaVise 75114-701 Lifetime	2001-03 PONTIAC Aztek	27.60 1 0.45	15.22 14.44 13.80
7 H	PanaVise 75114-195 Lifetime	94-97 PONTIAC Bonneville	27.60 1 0.45	15.22 14.44 13.80
H	PanaVise 75114-100 Lifetime	2000-02 PONTIAC Bonneville	27.60 1 0.45	15.22 14.44 13.80
1	PanaVise 75114-593 Lifetime	93-02 PONTIAC Firebird, 93-02 PONTIAC TransAm	27.60 0.15 0.07	15.22 14.44 13.80
1	PanaVise 75114-295 Lifetime	94-95 PONTIAC Grand Am	27.60 0.25 0.11	15.22 14.44 13.80
1	PanaVise 75114-296 Lifetime	96-00 PONTIAC Grand Am, 97-02 PONTIAC Grand Prix	27.60 0.25 0.11	15.22 14.44 13.80
1	PanaVise 75114-901 Lifetime	2001-03 PONTIAC Grand Am, 2001-03 PONTIAC Montana (with or w/o WB Video System), 2002 PONTIAC Sunfire, 2001 OLDSMOBILE Silhouette (with or w/o WB Video System), 2001-02 CHEVROLET Venture Van	27.60 0.24 0.11	15.22 14.44 13.80
	PanaVise 75114-495 Lifetime	94-95 PONTIAC Grand Prix	27.60 1 0.45	15.22 14.44 13.80
	PanaVise 75114-496 Lifetime	96 PONTIAC Grand Prix SE	27.60 0.25 0.11	15.22 14.44 13.80
	PanaVise 75114-696 Lifetime	96-98 PONTIAC Sunfire	27.60 0.15 0.07	15.22 14.44 13.80

Continuing product table (12 of 13)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Vehicle, Special Tool Required	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
16335 1 EACH	PanaVise 75132-198 Lifetime	97-02 PORSCHE Boxster, 99-02 PORSCHE 911, 02 PORSCHE Carerra 4	27.60 0.25 0.11	15.22 14.44 13.80
55058 1 EACH	PanaVise 75133-100 Lifetime	2000 SAAB 9.5	27.60 0.25 0.11	15.22 14.44 13.80
70643 1 EACH	PanaVise 75133-200 Lifetime	2000 SAAB 9.3	27.60 0.18 0.08	15.22 14.44 13.80
97676 1 EACH	PanaVise 75115-195 Lifetime	95-99 SATURN SL, SC, SW	27.60 0.25 0.11	15.22 14.44 13.80
NEW 448324 1 EACH	PanaVise 75115-302 Lifetime	2002 SATURN Vue	27.60 0.25 0.11	15.22 14.44 13.80
45434 1 EACH	PanaVise 75115-200 Lifetime	2000-02 SATURN L & S Series	27.60 0.25 0.11	15.22 14.44 13.80
50415 1 EACH	PanaVise 75135-399 Lifetime	99-00 SUZUKI Esteem	27.60 0.25 0.11	15.22 14.44 13.80
43545 1 EACH	PanaVise 75134-298 Lifetime	98-02 SUBARU Forester, 98-01 SUBARU Impreza	27.60 0.25 0.11	15.22 14.44 13.80
498159 1 EACH	PanaVise 75134-202 Lifetime	2002 SUBARU Impreza Outback, 2002 SUBARU Impreza Sedan, 2002 SUBARU Impreza Sport, 2002 SUBARU Impreza WRX	27.60 0.16 0.07	15.22 14.44 13.80
25774 1 EACH	PanaVise 75134-196 Lifetime	96-99 SUBARU Legacy Sedan/Wagon, 96-99 SUBARU Outback	27.60 0.25 0.11	15.22 14.44 13.80
45458 1 EACH	PanaVise 75134-300 Lifetime	2000-02 SUBARU Legacy Sedan, 2000-02 SUBARU Legacy Outback, 2000-02 SUBARU Legacy Wagon	27.60 0.45 0.2	15.22 14.44 13.80
10904 1 EACH	PanaVise 75135-299 Lifetime	99-00 SUZUKI Grand Vitara, 99-00 SUZUKI Swift	27.60 0.25 0.11	15.22 14.44 13.80
48650 1 EACH	PanaVise 75137-696 Lifetime	96-99 TOYOTA Avalon	27.60 0.25 0.11	15.22 14.44 13.80
40188 1 EACH	PanaVise 75137-600 Lifetime	2000-02 TOYOTA Avalon	27.60 2 0.91	15.22 14.44 13.80
63157 1 EACH	PanaVise 75137-192 Lifetime	92-93 TOYOTA Camry	27.60 0.25 0.11	15.22 14.44 13.80
25956 1 EACH	PanaVise 75137-195 Lifetime	94-96 TOYOTA Camry	27.60 0.25 0.11	15.22 14.44 13.80
93153 1 EACH	PanaVise 75137-197 Lifetime	97-01 TOYOTA Camry CE,LE,XLE	27.60 0.25 0.11	15.22 14.44 13.80
NEW 482151 1 EACH	PanaVise 75137-102 Lifetime	2002 TOYOTA Camry	26.10 0.25 0.11	14.38 13.64 13.04
49943 1 EACH	PanaVise 75137-292 Lifetime	91-93 TOYOTA Celica	27.60 0.25 0.11	15.22 14.44 13.80
20317 1 EACH	PanaVise 75137-200 Lifetime	2000-02 TOYOTA Celica GT	27.60 0.25 0.11	15.22 14.44 13.80
62397 1 EACH	PanaVise 75137-595 Lifetime	95-97 TOYOTA Corolla, 95 GEO Prism	27.60 0.25 0.11	15.22 14.44 13.80
13402 1 EACH	PanaVise 75137-599 Lifetime	98-02 TOYOTA Corolla, 99-02 CHEVROLET Prizm	27.60 0.25 0.11	15.22 14.44 13.80
NEW 429315 1 EACH	PanaVise 75137-503 Lifetime	2003 TOYOTA Corolla	27.60 0.25 0.11	15.22 14.44 13.80
50437 1 EACH	PanaVise 751371400 Lifetime	00-02 TOYOTA Echo	27.60 0.25 0.11	15.22 14.44 13.80
88336 1 EACH	PanaVise 75137-395 Lifetime	90-95 TOYOTA 4 Runner SR5	27.60 1 0.45	15.22 14.44 13.80
76666 1 EACH	PanaVise 75137-397 Lifetime	96-02 TOYOTA 4 Runner SR5	27.60 0.38 0.17	15.22 14.44 13.80
419073 1 EACH	PanaVise 751371601 Lifetime	2001-02 TOYOTA Highlander	27.60 0.25 0.11	15.22 14.44 13.80
50738 1 EACH	PanaVise 75136-597 Lifetime	97 TOYOTA Land Cruiser, 97 LEXUS LX450	27.60 0.25 0.11	15.22 14.44 13.80

Mounts

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Continuing product table (13 of 13)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Vehicle, Special Tool Required	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
85192 1 EACH	PanaVise 751371299 Lifetime	98-02 TOYOTA Land Cruiser, 98-02 LEXUS LX470	27.60 0.25 0.11	15.22 14.44 13.80
NEW 416235 1 EACH	PanaVise 751371703 Lifetime	2003 TOYOTA Matrix, 2003 PONTIAC Vibe	27.60 0.25 0.11	15.22 14.44 13.80
417074 1 EACH	PanaVise 751371500 Lifetime	2000-01 TOYOTA MR-2	27.60 0.25 0.11	15.22 14.44 13.80
NEW 494366 1 EACH	PanaVise 751371802 Lifetime	2002 TOYOTA Prius	27.60 0.25 0.11	15.22 14.44 13.80
25059 1 EACH	PanaVise 75137-896 Lifetime	96-00 TOYOTA RAV4	27.60 0.25 0.11	15.22 14.44 13.80
446070 1 EACH	PanaVise 75137-801 Lifetime	2001-02 TOYOTA RAV4	27.60 0.25 0.11	15.22 14.44 13.80
25367 1 EACH	PanaVise 751371101 Lifetime	98-02 TOYOTA Sienna	27.60 0.25 0.11	15.22 14.44 13.80
76974 1 EACH	PanaVise 751371099 Lifetime	99-02 TOYOTA Solara	27.60 0.29 0.13	15.22 14.44 13.80
23349 1 EACH	PanaVise 75137-995 Lifetime	95-97 TOYOTA Tacoma Pickup without passanger side air bag.	27.60 0.25 0.11	15.22 14.44 13.80
63452 1 EACH	PanaVise 75137-793 Lifetime	93-98 TOYOTA T100 Pickup	27.60 0.25 0.11	15.22 14.44 13.80
90188 1 EACH	PanaVise 75137-999 Lifetime	98-02 TOYOTA Tacoma	27.60 0.25 0.11	15.22 14.44 13.80
57748 1 EACH	PanaVise 751371300 Lifetime	2000-02 TOYOTA Tundra (A/T only) and 2001-02 TOYOTA Sequoia (A/T only)	27.60 0.25 0.11	15.22 14.44 13.80
36685 1 EACH	PanaVise 75139-295 Lifetime	95-97 VOLVO 900 series	27.60 0.25 0.11	15.22 14.44 13.80
88292 1 EACH	PanaVise 75139-196 Lifetime	93-97 VOLVO 850 series, 98-00 VOLVO S70 series, 98-00 VOLVO S90, 00-02 VOLVO S40, 98-00 VOLVO V70, 00-02 VOLVO V40, 98-00 VOLVO V90, 98-00 C70	27.60 0.18 0.08	15.22 14.44 13.80
96738 1 EACH	PanaVise 75139-399 Lifetime	99-02 VOLVO S80	27.60 0.18 0.08	15.22 14.44 13.80
70668 1 EACH	PanaVise 75139-101 Lifetime	2001-02 VOLVO S60, 2001-02 VOLVO V70	27.60 0.18 0.08	15.22 14.44 13.80
93396 1 EACH	PanaVise 75139-501 Lifetime	98-01 VOLVO 420, 510, 660, 770 Semi's.	49.20 0.18 0.08	27.14 25.75 24.60
11384 1 EACH	PanaVise 75138-194 Lifetime	94-98 VOLKSWAGEN Jetta, 94-98 VOLKSWAGON GTI, 94-98 VOLKSWAGEN Golf , 94-02 VOLKSWAGON Cabrio.	27.60 0.18 0.08	15.22 14.44 13.80
69717 1 EACH	PanaVise 75138-197 Lifetime	97 VOLKSWAGEN Passat	27.60 0.18 0.08	15.22 14.44 13.80
55055 1 EACH	PanaVise 75138-200 Lifetime	2000 VOLKSWAGEN Passat (can block cup holder), 2001.5 VOLKSWAGEN Passat (new body style w/upper cup holder), 2002-03 VOLKSWAGEN Passat, 2002 VOLKSWAGEN Passat W8 Sedan, 2002 VOLKSWAGEN Passat W8 Wagon, 1999-03 VOLKSWAGEN Jetta, 1999-02 VOLKSWAGEN Golf, 1999-02 VOLKSWAGEN GTI, 2001-02 VOLKSWAGEN Eurovan.	27.60 0.18 0.08	15.22 14.44 13.80
422019 1 EACH	PanaVise 75138-201 Lifetime	2001 VOLKSWAGEN Passat (old body style)	27.60 0.27 0.12	15.22 14.44 13.80
97157 1 EACH	PanaVise 75138-399 Lifetime	98-03 VOLKSWAGEN Beetle	27.60 0.25 0.11	15.22 14.44 13.80
32336 1 EACH	PanaVise 75138-499 Lifetime	99-02 VOLKSWAGEN Golf, 99-03 VOLKSWAGEN Jetta, 99-02 VOLKSWAGEN GTI	27.60 0.25 0.11	15.22 14.44 13.80
20371 1 EACH	PanaVise 75138-299 Lifetime	98-99 VOLKSWAGEN Passat	27.60 0.25 0.11	15.22 14.44 13.80
20287 1 EACH	PanaVise 75144-100 Lifetime	96-00 WESTERN STAR Semi-Constellation	49.20 0.25 0.11	27.14 25.75 24.60

Pedestal Mounts [150-20]

Don't be labeled a butcher. Look to th
mount specialists, Pro.Fit Internationa

See Vehicle Specific Phone Mounts, page 1373

Celldyne Clam Shell Mount

Versatile clam shell mounting kit. Hole pattern accomm
dates all phone types. Polyurethane coated steel. T knob
adjustments.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size	List ($) Wt. (lbs) Wgt. (kg.)
39916 1 EACH	Wireless Solutions CLS-1 Lifetime	Clam Shell	7.00 0.45 0.2

SMC "Z" Mount

Easily installed and adjusted. Provides more versatility th
standard clam shell. Universal hole pattern adapts to all
phones. Polyurethane coated steel. "T" shaped thumb sc
tighten bracket into position.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size	List ($) Wt. (lbs) Wgt. (kg.)
37003 1 EACH	SMC Electromount ZBR-1 Lifetime	Z Bracket	10.30 0.4 0.18

Andrew Wireless Posi-Lok

POSI-LOK mounts can be custom designed to provide
in-transit storage for every type of cellular phone and c
installed in any vehicle. Components are of zinc castings
hardware is hardened steel. FMC adds a center break p

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size	List ($) Wt. (lbs) Wgt. (kg.)
34506 1 EACH	Andrew Wireless MTC-400 Lifetime	4"	14.00 0.76 0.35
21220 1 EACH	Andrew Wireless MTC-600 Lifetime	6"	14.35 1.25 0.57
86113 1 EACH	Andrew Wireless FMC-600 Lifetime	6"	14.65 0.96 0.44

NEW = New Listing. Pricing for referenc
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drew Wireless

Pedestal mount with solid bar stock aluminum shafts. Mounts phone heads with minimum vibration. Mounting plates are made of durable Lexan and rotate 360 degrees. Includes both thumb and set screws.

No. Uom	Manufacturer Mfg. P/N Warranty	Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
922 ACK	Andrew Wireless MT-60 24 PK Lifetime	6"	377.80 11 5	251.21 247.44 242.53
12 CH	Andrew Wireless MT-60 Lifetime	6"	14.25 0.4 0.18	9.50 9.37 9.25

MC Standard Pedestal Mounts

Pedestal mount with thumb screw adjustment. Rotates 360 degrees, and swivels 180 degrees. AMPS top plate. Round cupped base plate. 1" diameter machined aluminum shaft.

No. Uom	Manufacturer Mfg. P/N Warranty	Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
80 CH	SMC Electromount 104T Lifetime	4"	17.15 0.45 0.2	8.83 8.73 8.57
33 CH	SMC Electromount 106T Lifetime	6"	21.40 0.6 0.27	11.02 10.89 10.70
26 CK	SMC Electromount 106T/25PK Lifetime	6"	486.60 18.48 8.4	258.49 249.37 243.28
34 CH	SMC Electromount 108T Lifetime	8"	25.40 0.82 0.37	13.06 12.91 12.68
47 CK	SMC Electromount 108T/25PK Lifetime	8"	576.70 20.5 9.32	306.36 295.55 288.34
0 CH	SMC Electromount 110T Lifetime	10"	28.75 0.92 0.42	14.79 14.62 14.36
4 H	SMC Electromount 112T Lifetime	12"	29.60 1.64 0.75	15.24 15.07 14.80

C Slim Mounts

Slim pedestal mount with T-Knob adjustment. 5/8" shaft, AMPS top plate and round base. Top and base rotate 360 degrees and swivel 180 degrees. Milled aluminum construction. The 4" size does not swivel at the base.

o. m	Manufacturer Mfg. P/N Warranty	Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
5 H	SMC Electromount 104TS Lifetime	4"	20.35 0.38 0.17	10.46 10.34 10.16
3 H	SMC Electromount 106TS Lifetime	6"	20.85 0.46 0.21	10.72 10.60 10.41
1 K	SMC Electromount 106TS/25PK Lifetime	6"	473.35 12.93 5.88	251.46 242.59 236.67
1 H	SMC Electromount 108TS Lifetime	8"	21.50 0.52 0.24	11.06 10.94 10.74

SMC Uni-Lok Mounts

26733

Uni-Lok mount features "ball and socket design" using a synthetic composite ball stud. Special coating on ball assists in dampening vibration to mounted electronic equipment. Includes AMPS top plate and round cupped base. T-Knob adjustments. Top and base rotate 360 degrees and swivel 180 degrees. (no swivel on 4" models).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
39947 1 EACH	SMC Electromount 204UT Lifetime	4"	17.90 1 0.45	9.21 9.10 8.94
26733 1 EACH	SMC Electromount 206UT Lifetime	6"	23.60 0.67 0.3	12.15 12.01 11.79
13519 1 EACH	SMC Electromount 208UT Lifetime	8"	29.05 1 0.45	14.94 14.77 14.51
90305 1 EACH	SMC Electromount 210UT Lifetime	10"	30.30 1.04 0.47	15.59 15.41 15.13

Panavise with Set Screws

93811

Slimline anodized aluminum mount utilizes a ball clamp housing for head positioning and tilting. Provides full 360 degrees of rotation at base and head except for the 4 inch. Welded AMPS/NEC compatable top plate and mild steel permanently attached base. Small foot version is for tricky installations where the mounting surface is small.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
17025 1 EACH	PanaVise 726-04 Lifetime	4"	17.50 0.52 0.24	12.60 10.80 8.73
83903 1 EACH	PanaVise 726-04SF Lifetime	4" w/ small foot	17.50 0.6 0.27	12.60 10.80 8.73
93811 1 EACH	PanaVise 726-06 Lifetime	6"	22.30 0.74 0.34	16.10 13.80 11.15
21327 24 PACK	PanaVise 726-06/24PK Lifetime	6"	659.80 24.5 11.14	329.88 316.69 310.09
10776 1 EACH	PanaVise 726-06SF Lifetime	6" w/ small foot	22.30 0.64 0.29	16.10 13.80 11.15
38881 24 PACK	PanaVise 726-06SF Lifetime	6" w/ small foot	535.25 21.6 9.82	386.24 331.06 267.61
42204 1 EACH	PanaVise 726-09 Lifetime	9"	25.25 0.84 0.38	18.20 15.60 12.61
67032 1 EACH	PanaVise 726-09SF Lifetime	9" w/ small foot	25.25 0.9 0.41	18.20 15.60 12.61
55418 1 EACH	PanaVise 726-12 Lifetime	12"	28.15 0.8 0.36	20.30 17.40 14.06

Panavise with Hand Knobs

Slimline anodized aluminum mount utilizes a ball clamp housing for head positioning and tilting. Provides full 360 degrees of rotation at base and head except the 4 inch. Welded AMPS/NEC compatable top plate and mild steel permanently attached base. Small foot version is for tricky installations where the mounting surface is small.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
80597 1 EACH	PanaVise 727-04 Lifetime	4"	18.45 0.6 0.27	13.30 11.40 9.21
42525 1 EACH	PanaVise 727-04SF Lifetime	4" w/ small foot	18.45 0.5 0.23	13.30 11.40 9.21

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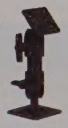
Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
61109 24 PACK	PanaVise 727-04SF Lifetime	4" w/ small foot	442.10 14.4 6.54	319.04 273.46 221.05
67383 1 EACH	PanaVise 727-06 Lifetime	6"	23.30 0.95 0.43	16.80 14.40 11.64
59720 24 PACK	PanaVise 727-06/24PK Lifetime	6"	552.60 21 9.54	276.30 265.25 259.73
83015 1 EACH	PanaVise 727-06-SF Lifetime	6" w/ small foot	26.70 0.55 0.25	19.25 16.50 13.34
77274 24 PACK	PanaVise 727-06-SF/ 24 PK Lifetime	6" w/ small foot	556.95 18 8.18	401.90 344.48 278.46
15776 1 EACH	PanaVise 727-09 Lifetime	9"	26.20 1 0.45	18.90 16.20 13.09
41758 24 PACK	PanaVise 727-09/24 PK Lifetime	9"	647.80 24 10.91	323.88 310.93 304.45
40926 1 EACH	PanaVise 727-09-SF Lifetime	9" w/ small foot	26.20 0.95 0.43	18.90 16.20 13.09
28990 1 EACH	PanaVise 727-12 Lifetime	12"	29.10 1.39 0.63	21.00 18.00 14.55
80151 24 PACK	PanaVise 727-12/24 PK Lifetime	12"	719.80 33.36 15.16	359.88 345.49 338.29

Slimline 2000- Hand Knob



SlimLine 2000 mounts utilize a glass filled composite material and die cast zinc alloy to provide strength, durability, and economy. Ball and socket joints rotate 360 degrees and tilt 210 degrees. Hand knob adjustment. Small foot version is for tricky installations where the mounting surface is small.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
48039 1 EACH	PanaVise 717-06 Lifetime	6"	17.35 0.66 0.3	12.49 10.71 8.66
86432 24 PACK	PanaVise 717-06B Lifetime	6"	421.90 17.76 8.07	274.23 236.26 204.62
34825 1 EACH	PanaVise 717-06SF Lifetime	6" w/ small foot	17.35 0.74 0.34	12.49 10.71 8.66
73218 24 PACK	PanaVise 717-06SFB Lifetime	6" w/ small foot	421.90 17.76 8.07	274.23 236.26 204.62
21611 1 EACH	PanaVise 717-09 Lifetime	9"	20.15 0.74 0.34	14.52 12.44 10.06
98397 1 EACH	PanaVise 717-09SF Lifetime	9" w/ small foot	20.15 0.74 0.34	14.52 12.44 10.06

Slimline 2000 - Set Screw

SlimLine 2000 mounts utilize a glass filled composite material and die cast zinc alloy to provide strength, durability, and economy. Ball and socket joints rotate 360 degrees and tilt 210 degrees. Set screw adjustment. Small foot version is for tricky installations where the mounting surface is small.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
73743 1 EACH	PanaVise 716-06 Lifetime	6"	15.30 0.74 0.34	11.02 9.44 7.63
36074 24 PACK	PanaVise 716-06 Lifetime	6"	371.25 17.76 8.07	241.32 207.90 180.06

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
74467 1 EACH	PanaVise 716-06SF Lifetime	6" w/ small foot	15.30 0.74 0.34	1 9. 7.
22860 24 PACK	PanaVise 716-06SFB Lifetime	6" w/ small foot	371.25 17.76 8.07	24 20 18
61253 1 EACH	PanaVise 716-09 Lifetime	9"	18.00 0.74 0.34	12 1 8.
99646 24 PACK	PanaVise 716-09 Lifetime	9"	438.15 17.76 8.07	28 24 21
33576 24 PACK	PanaVise 716-09SF Lifetime	9" w/ small foot	438.15 17.76 8.07	28 24 21
85183 1 EACH	PanaVise 716-09SF Lifetime	9" w/ small foot	18.00 0.74 0.34	12 1 8.

Wireless Solutions Mounts

23874

Wireless Solutions milled aluminum mount with thumb and allen screw adjustmen Rotates 360 degrees and swivels 180 degrees. AMPS top plate.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
23874 1 EACH	Wireless Solutions 23874 Lifetime	6"	24.50 0.74 0.34	1 1 1

Heavy Duty Phone Mount

All metal post style phone mount. Four mounting feet as solid mounting. Made for heavy duty applications A knuc assembly under the mounting plate increases the phone' positioning.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
42271 1 EACH	PanaVise 322 Lifetime	6"	43.20 1.65 0.75	31 26 21

Universal Anchor Bolt Mount

SDI Universal Anchor Bolt Mount allows you to install lig weight communication devices without having to drill hol the vehicle. Attaches to left anchor bolt of the passenger seat. Can be used with SDI Goosenek or series 5000 mo Detailed instructions are included with application chart installation in hundreds of vehicles.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
95930 1 EACH	Scientific Dimensions SDI1584 Lifetime	N/A	55.15 1.66 0.75	23 22 22

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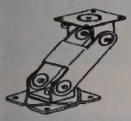
l with Permanent Lock Head



Combines the flexibility of a flex mount with the strength of a pedestal mount. The 24 position joint rotates and locks. Can be contoured around vehicle obstacles. Platform rotates 360 degrees. Includes plush black decor cover. Modular design.

No. Uom	Manufacturer Mfg. P/N Warranty	Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
90 CH	Scientific Dimensions SDI5020 Lifetime	2"	19.80 0.5 0.23	10.15 10.05 9.89
69 CH	Scientific Dimensions SDI5120 Lifetime	5"	25.50 0.5 0.23	13.09 12.96 12.75
89 CH	Scientific Dimensions SDI5220 Lifetime	8"	29.45 0.75 0.34	15.09 14.95 14.71

aVise Mobile Video Pedestal Mounts

PanaVise Mobile Video Pedestal Mounts feature a standard T-Bolt for use with most video screens, GPS units and other compatible mobile electronics. Small foot version is for tricky instalations where the mounting surface is small.

No. Uom	Manufacturer Mfg. P/N Warranty	Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
87 CH	PanaVise 627-06 Lifetime	6"	25.65 1 0.45	18.48 15.84 12.81
66 CH	PanaVise 627-09 Lifetime	9"	28.90 1 0.45	20.83 17.85 14.43
V 14 H	PanaVise 627-06SF Lifetime	6" Small Foot	25.65 1 0.45	18.48 15.84 12.81

Flex Type Mounts [150-30]

avise Uni-Flex Mount

Panavise heavy duty, double wound flex mounts provide rigidity and continuous reliability. Vinyl clad coating. Patented "pinch design" at the foot prevents loosening. Universal adjust knuckle allows 360 degrees of swivel and 210 degrees of pivot on AMPS/NEC top plate.

Uom	Manufacturer Mfg. P/N Warranty	Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1	PanaVise 797-10 Lifetime	10"	30.10 1 0.45	21.70 18.60 15.03
1	PanaVise 797-12 Lifetime	12"	31.55 1.2 0.55	22.75 19.50 15.76
1	PanaVise 797-14 Lifetime	14"	33.00 1.4 0.64	23.80 20.40 16.49

Panavise Stay-Put Flex Mount

98257

Panavise heavy duty, double wound flex mounts provide rigidity and continuous reliability. Vinyl clad coating. Patented "pinch design" eliminates phone "spinning" as shaft will not come loose. AMPS/NEC mounting head. Foot can be mounted either vertically or horizontally.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
98257 1 EACH	PanaVise 782-06 Lifetime	6"	19.90 0.75 0.34	14.35 12.30 9.94
33436 1 EACH	PanaVise 782-08 Lifetime	8"	21.35 0.8 0.36	15.40 13.20 10.67
58615 24 PACK	PanaVise 782-08 Lifetime	8"	527.80 21.6 9.82	263.88 253.33 248.05
71829 1 EACH	PanaVise 782-10 Lifetime	10"	22.80 1.1 0.5	16.45 14.10 11.40
97008 24 PACK	PanaVise 782-10 Lifetime	10"	563.80 26.4 12	281.88 270.61 264.97
20222 1 EACH	PanaVise 782-12 Lifetime	12"	24.25 1.2 0.55	17.50 15.00 12.12

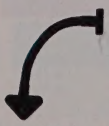
SDI Goosnek Flexible Mounts

83281

The SDI Goosnek provides a strong flexible mount by using a solid copper core inside the flexible steel shaft. Top and Base utilize 3/8" NPT thread to prevent loosening during service. Includes multi-directional base for 90 degree mounting.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
83281 1 EACH	Scientific Dimensions SDI1505 Lifetime	5"	30.25 0.9 0.41	12.77 12.53 12.10
31674 1 EACH	Scientific Dimensions SDI1508 Lifetime	8"	34.65 1.16 0.53	14.62 14.35 13.85
99620 25 PACK	Scientific Dimensions SDI1508 Lifetime	8"	687.55 29 13.18	362.95 357.77 343.77
70067 1 EACH	Scientific Dimensions SDI1515 Lifetime	15"	53.75 1.72 0.78	22.68 22.27 21.49

SMC Vinyl Clad Flex Mounts



12453

SMC Electro-Mount vinyl clad mount. Base allows both upright floor mount and 90 degree hump mount capability. Comes with a plug to cover the unused mounting hole. Standard AMPS compatible top plate included. Set screws at the head and foot lock into position to prevent "spinning".

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
25667 1 EACH	SMC Electromount 107VFM Lifetime	7"	19.65 0.86 0.39	10.11 9.99 9.82
12453 1 EACH	SMC Electromount 109VFM Lifetime	9"	20.25 0.95 0.43	10.42 10.30 10.12
50846 1 EACH	SMC Electromount 111VFM Lifetime	11"	24.20 1 0.45	12.45 12.30 12.09

Mounts

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
66375 1 EACH	SMC Electromount 113VFM Lifetime	13"	25.10 1.4 0.64	12.90 12.75 12.53
64060 1 EACH	SMC Electromount 115VFM Lifetime	15"	25.40 1.3 0.59	13.07 12.92 12.69

Andrew Wireless Flex Mounts

23012

Andrew Wireless's UV vinyl clad flex mounts adjust to various angles without loosening. Top plate has multi-hole pattern for compatibility with most phones. Double wound steel with machined zinc fittings.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36226 1 EACH	Andrew Wireless FM50 Lifetime	5"	11.95 0.5 0.23	7.97 7.86 7.75
74619 1 EACH	Andrew Wireless FM70 Lifetime	7"	12.95 0.75 0.34	8.62 8.51 8.39
23012 1 EACH	Andrew Wireless FM90 Lifetime	9"	14.05 1 0.45	9.36 9.23 9.10
99798 1 EACH	Andrew Wireless FM110 Lifetime	11"	15.00 1.25 0.57	10.01 9.87 9.74
48191 1 EACH	Andrew Wireless FM130 Lifetime	13"	15.95 1.32 0.6	10.64 10.49 10.35
14951 1 EACH	Andrew Wireless FM150 Lifetime	15"	22.70 1.4 0.64	15.12 14.91 14.71

PanaVise Mobile Video Flex Mounts

436165

PanaVise Mobile Video Flex Mounts feature a standard T-Bolt for use with most video screens, GPS units and other compatible mobile electronics.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
436165 1 EACH	PanaVise 697-12 Lifetime	12"	42.85 1 0.45	30.91 26.49 21.42
412112 1 EACH	PanaVise 697-14 Lifetime	14"	43.80 1 0.45	31.57 27.06 21.88

Extensions and Accessories [150-35]

Andrew Wireless Extension

Extension for the Posi-Lok series pedestals.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
18066 1 EACH	Andrew Wireless XC-200 Lifetime	2" Extension	6.30 0.25 0.11	4.83 4.69 4.49
56459 1 EACH	Andrew Wireless XC-400 Lifetime	4" Extension	9.25 0.25 0.11	6.17 6.08 6.00

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
94852 1 EACH	Andrew Wireless XC-600 Lifetime	6" Extension	11.15 0.25 0.11	7. 7. 7.

Andrew Wireless Extensions

Extensions for MT-60 pedestal mounts.

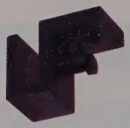
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
85898 1 EACH	Andrew Wireless X-20 Lifetime	2" Extension	3.90 0.1 0.05	2. 2. 2.
34291 1 EACH	Andrew Wireless X-40 Lifetime	4" Extension	5.05 0.2 0.09	3. 3. 3.

SMC Extensions

Extensions for use with SMC standard series pedestal mounts.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
38698 1 EACH	SMC Electromount 804 Lifetime	2" Extension	7.50 0.12 0.05	3. 3. 3.
74441 25 PACK	SMC Electromount 804/25PK Lifetime	2" Extension	170.00 3.75 1.7	90 87 85
51387 1 EACH	SMC Electromount 805 Lifetime	4" Extension	15.00 0.2 0.09	7. 7. 7.
36048 25 PACK	SMC Electromount 805/25PK Lifetime	4" Extension	246.70 6.75 3.07	13 12 12
47640 1 EACH	SMC Electromount 810 Lifetime	6" Extension	18.65 0.38 0.17	9. 9. 9.
22834 25 PACK	SMC Electromount 810/25PK Lifetime	6" Extension	423.35 9.5 4.32	22 21 21

SMC Dash Clip



Dash clip for use with any SMC PEDESTAL mount. Ideal "no holes" install. Complete w/protective inserts.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
58356 1 EACH	SMC Electromount 303 Lifetime	Console Mount Clip	10.10 0.25 0.11	5. 5. 5.

Mounts

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MC Dual Mount

Converts 6" mount to 7 or 8" mount with a secondary installation plate. Features 360 degree rotation and 180 degree swivel. Great for Motorola S5415 handsfree kit with separate handset.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Size Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1124 ACH	SMC Electromount DMB-1 Lifetime	6"-7" dual mount kit	19.65 3 1.36	10.11 9.99 9.82
514 ACH	SMC Electromount DMB-2 Lifetime	6"-8" dual mount kit	19.15 1 0.45	9.85 9.74 9.57

DI Goosenek Extension

SDI's 2 inch rigid extension for use with SDI Goosnek mounts.

No. Uom	Manufacturer Mfg. P/N Warranty	Size Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
888 ACH	Scientific Dimensions SDI1502 Lifetime	2" Extension	15.55 0.29 0.13	6.56 6.44 6.22

DI Goosenek Coupler

Double female 2" coupler for use with SDI Goosnek mounts.

No. Uom	Manufacturer Mfg. P/N Warranty	Size Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
02 CH	Scientific Dimensions SDI1500 Lifetime	2" Double Female Extension	15.10 0.14 0.06	6.37 6.25 6.04

naVise Fixed Head Posts

Posts with fixed head mounting for use with Panavise 328 series bases or as replacements to 320.

No. Uom	Manufacturer Mfg. P/N Warranty	Size Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
10 CH	PanaVise 326-6 Lifetime	6" post	5.35 0.12 0.05	3.85 3.30 2.67
14 CH	PanaVise 326-12 Lifetime	12" post	6.30 0.25 0.11	4.55 3.90 3.15

PanaVise Adj. Head Posts

Posts with knob adjustable top plate for use with Panavise 328 series bases or as replacements to 320.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
44702 1 EACH	PanaVise 327-6 Lifetime	6" post	21.85 0.42 0.19	15.75 13.50 10.91
57916 1 EACH	PanaVise 327-12 Lifetime	12" post	22.80 1 0.45	16.45 14.10 11.40

PanaVise Standard Phone Base

Standard phone mount base as used in the 320 and 950 mounts. 4 feet assure strength and rigidity. Accepts 326 or 327 series posts.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
31488 1 EACH	PanaVise 328 Lifetime	Phone Mount Base	21.35 1.38 0.63	15.40 13.20 10.67

Panavise Set Screw Knuckle

Universal knuckle with set screw adjustment for use with the 700 series mounts.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
20489 1 EACH	PanaVise 744 Lifetime	Universal knuckle	9.25 0.25 0.11	6.65 5.70 4.61

Panavise Knob Adj. Knuckle

Universal knuckle with knob adjustment for use with the 726 and 727 series slimline mounts.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
79348 1 EACH	PanaVise 745 Lifetime	Adjustable Knuckle	9.70 0.25 0.11	7.00 6.00 4.85

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PanaVise Extensions

Solid aluminum interchangeable shaft to use with 726 and 727 series mounts. Converts mounts to overall size as indicated.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
92562 1 EACH	PanaVise 730-06 Lifetime	6" total length	4.85 0.11 0.05	3.50 3.00 2.42
40955 1 EACH	PanaVise 730-09 Lifetime	9" total length	7.80 0.17 0.08	5.60 4.80 3.88
54169 1 EACH	PanaVise 730-12 Lifetime	12" total length	9.70 0.27 0.12	7.00 6.00 4.85

Mounting Plates, Cradles, Holders [150-40]

PanaVise Angle Extension Bracket

494000

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
494000 1 EACH	PanaVise 769 Lifetime	Angle extension bracket. Extends mounting area 3.12" from original surface. Fits all standard AMPS-compatible custom brackets and phone mounts. Includes cover plate to provide a finished touch.	26.10 0.34 0.15	14.38 13.64 13.04

Fits-All Mount

Fits-All UNIVERSAL phone mount is easily customized to fit any vehicle and is installed without exposed holes in the same manner as a Vehicle Specific Phone Mount. 100% made in USA of powder coated heavy guage steel, the mount offers the same clean OEM look, with only one part to stock.

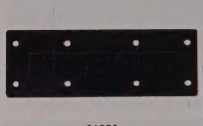
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
21622 1 EACH	Haltof Product Design Inc. 12100 Lifetime	Fits-All Mount Pro. Includes flat mount,templates and instructions. Made for the more experienced installer. Can be used in 8 ways. No front or back. Can be bent for a custom fit.	17.70 0.32 0.15	9.38 8.82 8.48
60015 10 PACK	Haltof Product Design Inc. 12110 Lifetime	Fits-All Mount Pro. Includes flat mount,templates and instructions. Made for the more experienced installer. Can be used in 8 ways. No front or back. Can be bent for a custom fit. 10 PACK.	166.65 3 1.36	88.46 83.18 79.98

Studded Extension Bracket

481024

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
481024 1 EACH	PanaVise 768 Lifetime	Extension bracket with studs. Extends mounting area 2.5" from original surface. Attaches with Nylok nuts to all AMPS patterned mounting brackets and mounts.	19.10 0.25 0.11	13.76 11.79 9.53

Motorola/Nokia/AT&T Mounting Plates



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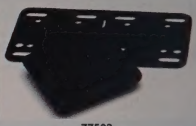


77502

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
91950 1 EACH	PanaVise 766 Lifetime	Used for mounting Motorola S5415 handset next to the cellular phone holder.	4.40 0.26 0.12	3.1 2.7 2.1
94216 1 EACH	PanaVise 765 Lifetime	Used for mounting AT&T 6650 and Nokia 2120,2160 and 2190 handsfree kits to the mount. "L" shaped.	17.00 0.26 0.12	12.2 10.5 8.4
77499 1 EACH	PanaVise 767-04 Lifetime	4" adjustable extension bracket for side-by-side mounting of handsfree handsets like Nokia HSU-1, PDA's or GPS's next to the phone. Slides up to .25" to and bends up to 15 degrees to solve most mounting problems. Includes cover plate and basic mounting hardware.	19.10 0.5 0.23	13.7 11.7 9.5
77502 1 EACH	PanaVise 767-05 Lifetime	5" adjustable extension bracket for side-by-side mounting of handsfree handsets like Motorola SLN3914, PDA's or GPS's next to the phone. Slides up to .25" to and bends up to 15 degrees to solve most mounting problems. Includes cover plate and basic mounting hardware.	19.10 0.26 0.12	13.7 11.7 9.5

Panavise Backup Plate

27741

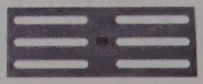
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
27741 1 EACH	PanaVise 760 Lifetime	Backup plate for use with Panavise 726 and 727 series slimline mounts.	6.30 0.1 0.05	4.5 3.9 3.1

Pro.Fit VSM Mount Extension Bracket

479088

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
479088 1 EACH	Pro.Fit International EX1370 Lifetime	The universal VSM extension bracket allows you to adjust and re-position a phone up to six different ways. The 2" extension works with all VSM's, Pro-Fit, pedestal or goose neck mounts.	11.25 0.3 0.14	7.8 7.6 7.3

SMC Mounting Plates



Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
63352 1 EACH	SMC Electromount 511BCS Lifetime	Universal 2.5" x 6.5" mounting plate. Slotted for mounting a variety of radios and other equipment. Ideal for CB, P.A., scanners.	11.75 0.28 0.13	6.0 5.9 5.8

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ash-Pro Plus Swivel

381

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
381 CH	SMC Electromount DASH PRO PLUS Lifetime	Dash-Pro Plus swivel allows cellular phone cradle/cup to tilt and swivel for multiple positioning (Mount not included)	8.80 1 0.45	8.27 7.63 7.33

PS Monitor Adapter/Mount

8926

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
26 CH	Pro.Fit International GPS2 Lifetime	The J Adapter for Visteon, Alpine or VDO Phillips Carin GPS monitors provides 3 axes adjustibility. Monitor attaches with a tripod mount thumb screw on bottom of monitor. Ideal with all VSM's or any AMPS hole pattern mount.	19.75 0.25 0.11	13.83 13.34 12.84

csson Phone Holder

5059 79864

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
59 CH	Sony Ericsson Mobile Comm. KRY1011652 1 Year	Universal phone mount. Compact and durable. Allows easy positioning of your phone. Kit includes two phone mounts, screws and adhesive tabs. A belt clip must be purchased separately to use the phone mount.	8.00 0.85 0.39	5.07 5.04 5.01
V 54 CH	Sony Ericsson Mobile Comm. DPY901075/01	Car Holder HCH-21 is a passive cradle in dark grey plastic. By placing the phone snugly into the form-fitted hollow, the phone's system connector is automatically fit over a connector extension. Accessories can then be attached to the phone via the holder's base, letting you connect a PHF or CLA, for example.**Does not come with air vent mount as shown in picture.	15.00 0.29 0.13	9.24 9.17 9.11

csson Windshield Mount

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

p. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1 H	Sony Ericsson Mobile Comm. KRY1031001/55 1 Year	Positions your phone safely and conveniently inside your car. Sturdy, flexible and adjustable. Secures your phone while keeping it within reach.	14.00 0.2 0.09	9.34 9.27 9.22

Mitsubishi Phone Holders

72237

OEM branded accessories are designed and manufactured by the phone manufacturer to meet the specific performance and fit requirements of their phone. Recognized as the premium accessories available, these products guarantee satisfaction for the most demanding customer.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
72237 1 EACH	Mitsubishi HLD-P6 1 Year	Mitsubishi T200/Audiovox TDM2500 Mobile Holder	21.50 0.25 0.11	18.41 17.08 16.65

PortaGrip FlipPhone Cradle

54874

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
54874 1 EACH	PanaVise 704 Lifetime	Phone cradle for 1.16 - 2.6" (3 - 6.6 cm) width. Independent jaws on the sides and the bottom for a custom fit. For the Motorola MicroTAC FlipPhone series including the Elite. Quick release button.	15.55 0.38 0.17	11.20 9.60 7.76

Nokia Phone Cradles

26912 28603 70464 498186 487353

93586 460045

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
26912 1 EACH	Nokia MBL-2 3 yrs	Nokia 282 mobile phone cradle. Holds phone in place whilecharging with the cigarette lighter adapter. Mounting plate and hardware included.	11.50 0.4 0.18	8.28 8.00 7.94
28603 1 EACH	Nokia MBT-9 3 yrs	Nokia 918 mobile phone cradle. Holds phone in place whilecharging with the cigarette lighter adapter. Mounting plate and hardware included.	9.50 0.36 0.16	6.84 6.61 6.56
NEW 430139 1 EACH	Nokia MBC-6 Lifetime	Nokia 3390 Mobile Phone Holder. Includes HHS-9 mounting bracket.	14.00 0.6 0.27	8.28 8.00 7.94
70464 1 EACH	Nokia MBC-1 Lifetime	Nokia 5100/6100 phone cradle. Holds phone in place while charging with the cigarette lighter adapter. Mounting plate and hardware included.	14.00 0.35 0.16	8.28 8.00 7.94
NEW 498186 1 EACH	Nokia MBD-10 L of O	Nokia 6510, 8310, and 8390 mobile holder. Includes HHS-15 swivel mount and MBC-10 mobile holder	16.95 0.35 0.16	12.60 12.17 12.08
NEW 487353 1 EACH	Nokia MBD-11 L of O	Nokia 8265 mobile holder	16.95 0.35 0.16	11.52 11.12 11.04
93586 1 EACH	Nokia SKB-2 1 year	Nokia 8290 Mobile Holder with clip. Includes HHS-12.	14.95 0.25 0.11	11.12 10.05 8.93
460045 1 EACH	Nokia HHC-4 1 Year	Cradle used with the CARK-119.	12.00 0.25 0.11	8.64 8.34 8.28
483087 1 EACH	Nokia HHC-2 1 Year	Replacemant Mobile Holder for the CARK-114 Express Car Kit	12.00 0.3 0.14	8.64 8.34 8.28

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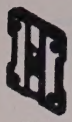
Nokia Mounting Plates


36943

Original accessories... "from the people that made your phone(TM)." OEMs design and manufacture accessories to match the specific requirements of their phones, satisfying the most demanding customer. You can trust the high quality and performance of original accessories. These products are used by directly plugging onto the phone without removing the battery. Provides power to the phone and charges the battery at the same time.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 33690 1 EACH	Nokia MKU-1 1 Year	Nokia mounting plate for HFU-1	3.20 0.3 0.14	2.31 2.23 2.21
36943 1 EACH	Nokia MKE-1 3 yrs	Mounting plate for use with in car installations for all phones except 636 model. Included with mobile holder.	3.20 0.3 0.14	2.31 2.23 2.21

UltiMount

28327

The UltiMount by Pro.Fit International secures any phone or car kit in any vehicle. It swivels, rotates and adjusts to virtually any position and installs in seconds with 3M acrylic foam tape. No tools are needed. Great for cars, trucks, RV's or boats. Designed for cell phones, two- way radios, handheld GPS units and PDA's. The complete system includes a swivel belt clip, Nokia button, round and oblong buttons and surface preparation supplies. Will also work with a case with a built-in belt clip. Premium trifold clam-shell package with a color insert card and complete instructions for installing and removing.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
28327 1 EACH	Pro.Fit International UL747 Lifetime	UltiMount	24.95 0.5 0.23	15.00 13.98 13.95

The Portable Solution PS-1324

454079

The Portable Solution by Pro.Fit International incorporates a simple button design for easy one-hand operation. It installs in seconds with 3M acrylic foam tape for superior adhesion, but can be removed without leaving any residue. The complete system includes swivel belt clip, Nokia button, round and oblong adhesive back buttons and surface preparation supplies. This holder will also work with a case with a built-in belt clip. Retail peg hook package with a color information card.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
454079 1 EACH	Pro.Fit International PS-1324 Lifetime	The Portable Solution PS-1324.	10.95 0.16 0.07	6.96 6.79 6.61

MTU Passive Holders

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
31055 1 EACH	AleEv (formerly MTU) 22132 1 year	Passive Holder for all Motorola StarTAC's. Features quick release buttons.	19.95 0.1 0.05	8.01 7.44 6.95
17841 1 EACH	AleEv (formerly MTU) 22148 1 year	Passive Holder for Nokia 5100/6100 series phones.	14.20 1 0.45	5.70 5.30 4.95

GripMatic Phone Cradle

92193 16024

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
40586 25 PACK	SMC Electromount 9611 1 yr	Portable phone/radio cradle. Squeeze arms together to secure. Push button to release. Thick foam pads add protection and ensure a snug fit. Fits up to 2.625 wide phone or 2 way radios.	323.35 7.5 3.41	171 165 161
92193 1 EACH	SMC Electromount 9611 1 yr	Portable phone/radio cradle. Squeeze arms together to secure. Push button to release. Thick foam pads add protection and ensure a snug fit. Minimum opening 1 3/8" Maximum opening 2 3/4" to 1-1/2" depth.	16.55 0.27 0.12	8.5 8.4 8.2
16024 1 EACH	SMC Electromount 9106TIL/611UP 1 yr	Do-it -yourself kit. Allows for easy installation using 3M Dual Lock fastener. No tools or drilling required. Includes 6" standard pedestal mount with thumb & set screws, universal phone cradle and dual lock. Retail packaged.	39.75 1.5 0.68	21. 20. 19.

PortaGrip Universal Cradle

48915

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
48915 1 EACH	PanaVise 701 Lifetime	Phone cradle for phones 1.6" to 2.6" wide. Independent jaws for fit. Installs on AMPS plate.	27.20 0.5 0.23	19. 16. 13.

PortaGrip 2000 Cradle

81302

North-South-East-West adjustments are possible on the mount to adjust t phones and buttonconfigurations. Revolutionary new concept holding of phone and radios in mobile applications. Universal 702 fits most phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
81302 1 EACH	PanaVise 702 Lifetime	Phone cradle for phones 1.16" to 2.6" wide. Independent jaws on the sides and bottom for a custom fit. Quick release button. 3/4" bottom center opening for a power cord.	15.55 0.3 0.14	11. 9. 7.
16481 1 EACH	PanaVise 703 Lifetime	Phone cradle for phones 1.16 - 2.6" wide. Independent jaws on the sides and bottom for a custom fit. Quick release button. 1 7/8" center bottom opening for a power cord.	15.55 0.3 0.14	11. 9. 7.

Heavy Duty Metal Cradle

78285

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
78285 1 EACH	Scientific Dimensions SDI6000 Lifetime	Heavy duty STEEL universal portable radio and phone cradle. Will accept devices 1.375 to 3.25 wide. Perfect for two-way portable radios. Padded base protects your hand held device.	45.25 1.1 0.5	23 22 22

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he MiniMate

13247

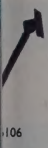
t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
3247 ACH	The Clip MINIMATE 90 days	The MiniMate with "Ultra Suction" attaches to your windshield eliminating the needfor an installed mount. Small size for compact areas. Can be used with The Clip or the AMPS plate allows you to attach a phone cradle.	13.75 1 0.45	9.19 8.12 7.84

he Gripmate and MiniMate

13624

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
624 ACH	The Clip GRIPMATE 90 days	The Gripmate Cradle and the Minimate mount in a retail package. The small cradle attaches to the "Ultra Suction" windshield mount. Cradle hides behind the phone. Eliminates the need for a permanent mount.	19.25 0.5 0.23	12.86 11.36 10.98

e ClipMate



106

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
06 CH	The Clip CLIPMATE 90 days	The ClipMate with "Ultra Suction" attaches to your windshield eliminating the need for an installed mount. Arm extends and retracts for adjustment (18" extended, 12.5" retracted).Can be used with The Clip or the AMPS plate allows you to attach a phone cradle.	15.75 0.25 0.11	10.53 9.30 8.98

e SwivelMount

28813

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
13 CH	The Clip SWIVELMOUNT Lifetime	Simple and inexpensive way to mount a phone or 2 way radio. The button attaches to the phone. The Swivel Mount then attaches to the vehicle with either the supplied bonding tape or screws (not supplied). Retail packaged.	7.90 1 0.45	3.35 3.28 3.15

The ClipMount

92043

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
92043 1 EACH	The Clip CLIPMOUNT Lifetime	Designed for use with any cellular phone using The Clip(77912) or a leather case with a belt clip. Attaches to vinyl, plastic and metal using acrylic bonding or with supplied screws. Simple and inexpensive way to mount a phone or 2 way radio. Retail packaged.	5.70 0.1 0.05	2.43 2.38 2.28

Clip Caddy

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
50511 36 PACK	PanaVise 777 Lifetime	ClipCaddy holds anything with a belt clip or button on back of the device. Can be mounted to any smooth surface with adhesive strip (included) or to any InDash or AMPS pattern mount with included screws. Includes (1) round and (1) rectangular button.	388.80 6 2.73	214.49 203.48 194.40
70391 12 PACK	PanaVise 777-RK Lifetime	Buttons for use with the ClipCaddy. Includes one round, one rectangular, adhesive strips and alcohol wipe.	43.20 1.2 0.55	23.84 22.61 21.60

Vent Clip

99706

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
99706 1 EACH	Superior Comm. 18742 3 year	Vent Clip attaches to your automobile's air conditioning vent to hold your portable phone. Includes buttons that adhere to the back of the phone and allows the phone to be secured to the Vent Clip or to the included swivel clip.	12.10 0.18 0.08	5.78 5.57 5.44

PanaVise Windshield Mount

496121

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
496121 1 EACH	PanaVise 709 1 Year	Universal suction cup winsheild mount. Features an AMPS compatible mounting plate for mobile phones, handsfree kits, phone/PDA combinations, GPS units and mobile video screens. Plate can tilt 210 degrees and rotate 360 degrees. Shaft extends from 13 1/4" to 18".	31.05 1.01 0.46	22.40 19.20 15.52

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PanaVise Multi Media Mounts

454158

441146

497102

457123

PanaVise Multi Media Mounts are designed for use with GPS units, video screens and hands-free kits. For security top and mounted electronics are easily removed from the base by simply lifting the latch.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
454158 1 EACH	PanaVise 675-BT Lifetime	Multi media mount base and top without hardware.	4.70 0.15 0.07	3.36 2.88 2.33
441146 1 EACH	PanaVise 675-BASE Lifetime	Multi media mount base with hardware. AMPS compatible.	4.95 0.15 0.07	3.56 3.05 2.47
497102 1 EACH	PanaVise 675-TOP Lifetime	Multi media mount top without hardware.	3.75 0.15 0.07	2.69 2.30 1.86
457123 1 EACH	PanaVise 675-DF Lifetime	Multi media mount base on self-adhesive duckfoot.	14.45 0.08 0.04	10.42 8.93 7.22

PanaVise Tippers

421113

490156

453161

PanaVise Tippers interface between any AMPS compatible phone mount and mobile electronics devices. Tilts 30 degrees and rotates 360 degrees. Extends 1.5" from base of mount. Mounting hardware is included.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
421113 1 EACH	PanaVise 685-PM Lifetime	Tipper with AMPS to AMPS head plate and hardware.	16.80 0.45 0.2	12.10 10.37 8.39
490156 1 EACH	PanaVise 685-S Lifetime	Tipper with AMPS to 1/4-20 stud female thread and hardware.	13.50 0.45 0.2	9.73 8.34 6.75
453161 1 EACH	PanaVise 685-TS Lifetime	Tipper with AMPS to T-Bolt and hardware.	15.85 0.45 0.2	11.41 9.78 7.91

PanaVise Mobile Video Knuckle Mounts

439181

PanaVise Mobile Video Knuckle Mounts feature a standard T-Bolt for use with most video screens, GPS units and other compatible mobile electronics.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
439181 1 EACH	PanaVise 651-IDTS Lifetime	Mobile video knuckle assembly with adjustable knob and T-Bolt head.	18.65 0.25 0.11	13.44 11.52 9.32

PanaVise Mobile Video L-Bracket Mounts

465181

For use with most video screens, GPS units and other devices using a T-bolt mount.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
465181 1 EACH	PanaVise 687 Lifetime	L-Bracket mount with T-Bolt slot.	8.40 0.1 0.05	6.05 5.18 4.19

PanaVise CCTV Camera Window Mount

448341

The CCTV Camera Window Mount is a great solution for temporary sur veillance requirements. It can be used for in-car video systems and for off or commercial locations. Quickly move cameras from vehicle-to-vehicle o location-to-location.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
NEW **448341** 1 EACH	PanaVise 809 Lifetime	CCTV camera window mount. Powerful suction pad holds cameras up to 3 pounds. Adheres to any smooth, non-porous surface.	42.00 0.8 0.36	23.1 21.9 20.9

Sony- XM Radio Mount

436358

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
NEW **436358** 1 EACH	PanaVise 686 Lifetime	XM satellite radio mount for Sony DRN-XM01 receivers. For use with Panavise InDash mounts.	41.95 0.25 0.11	23.1 21.9 20.9

Mounts

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Emergency Lighting & Siren Products [190-10]

If you are buying these, you might need:

Butt Connectors ..... page 1729
Automotive Hookup Wire ..... page 1762
Screws, Sheet Metal and TEK ..... page 1751

MX7000 Light Bars

67852

Code 3 MX7000 Dual Deck light bar. You get primary unobstructed signal protection from upper-deck rotators and mirrors, while the lower-deck is dedicated to providing a variety of special purpose lights including sweeping intersection lights. This TESSCO special configured lightbar includes: (4) rotators, diamond mirrors, (2) 50W takedown lights, (2) 50W flashing lights with red and blue filters.... Many custom lighting, power and mounting options are available on a SPECIAL ORDER basis. Ask for FAXBACK sheet (sku 38401) for a list of these options.

rt No. y/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
7852 EACH	Code 3, Inc. 7222RTES 1 yr	MX7000 47" light barwith alley lights, takedown lights and flasher.	1,063.80 42.5 19.32	904.23 775.51 723.39

P6000 Light Bars

Code 3 LP6000 light bar. Aerodynamically efficient light bar has unsurpassed high-speed stability. It's signals meet or exceed all existing 360 degree warning standards, utilizing Halogen lamp technology and specially designed parabolic reflectors. Each rotating signal is independently driven. Fea-
res: Rotating lights/ Parabolic Reflectors, Polycarbonate lenses with anti-glare tops, standard
ounting kit, 15' of pre-wired cable and aluminum frame.

rt No. y/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
0172 EACH	Code 3, Inc. 6200R-R-B 1 yr	47" light bar w/ (4)50W rotators, (2) diamond mirrors & red/blue lens.	645.00 26 11.82	548.25 470.21 438.60
8565 EACH	Code 3, Inc. 64751 1 yr	47" light bar w/ (4)50W rotators, (2) diamond mirrors & amber lenses.	645.00 26 11.82	548.25 470.21 438.60

xcalibur Light Bars

81246

Code 3 Excalibur low profile (4.5" high) full power lightbar. Includes 50W halogen lamps and 15 feet of power conductor cable and standard mounting kit. Many other custom lighting, power and mounting options are available on a SPECIAL ORDER basis.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
246 ACH	Code 3, Inc. X304A-R/B 1 yr	Excalibur 47" light bar w/ 4 rotators & 4 stationary lights.Red and Blue.	902.10 26 11.82	766.77 657.62 613.42
EW 5130 ACH	Code 3, Inc. X47A13 1 yr	47" Excalibur light bar. Includes (5) rotators, (2) intersection sweeps, (2) alley lights, (4) 27W flashers, (2) 35W takedowns and (2) diamond mirrors.	1,133.00 26 11.82	963.05 825.96 770.44

Beacons

42421

Code 3 LP beacons. Large beacons are in fact mini light bars... modified versions of the full-sized LP6000. These beacons feature the same powerful lighting components, lenses, filters, etc.as their full-sized counterparts, but because of their compact size, they give you more mounting options.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
421 ACH	Code 3, Inc. 6100M-A 1 yr	2- 55W Rotators, magnetic mounting kit, lighter plug-in. Amber	186.85 3 1.36	155.64 143.68 133.41

Deckblaster Emergency Light

Deckblaster interior vehicle emergency lighting basic strobe. Lexan lenses. 12 volt DC operation. Includes dash/deck mounting brackets. Choose from 4-flash, 2-4 flash or 2-3-4 flash pattern by moving internal jumper.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
39726 1 EACH	Code 3, Inc. 805B 1 yr	Deckblaster Flasher-Blue.	195.90 3 1.36	159.66 156.72 146.93
72886 1 EACH	Code 3, Inc. 805RB 1 yr	Deckblaster Flasher-Red and Blue	161.95 3 1.36	131.97 129.54 121.44

ArrowStik Traffic Directing Signal

ArrowStik 27W halogen lamps. Includes: 18' of hook-up wire, standard deck mounting kit also allows attachment to XL5000 and LP6000 light bars. Measures 47"W x 2.75"H x 4.25"D.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
47127 1 EACH	Code 3, Inc. AS-10X 1 yr	ArrowStik 10-lamp (10 Amp draw) directional signal without control head.	365.00 6 2.73	304.05 280.69 264.34

Speakers

86515

Speakers with American Drivers. To be used with Code 3 siren controls.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
86515 1 EACH	Code 3, Inc. PH100U 1 yr	100 watt under-hood speaker.	270.00 5 2.27	224.91 207.63 192.78
16046 1 EACH	Code 3, Inc. PSE200 1 yr	200 watt speaker.	350.00 5 2.27	291.55 269.15 249.90

Undercover Siren Control

95982

Code 3 Undercover Siren for volunteers. Mounts out-of-the-way beneath your seat or in your trunk and has enough power to operate speakers up to 200 watts. Includes control unit and Wail and Yelp siren tones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
57589 1 EACH	Code 3, Inc. 3000 1 yr	Undercover Siren with Wail and Yelp siren tones.	186.20 5 2.27	155.10 143.18 132.94
95982 1 EACH	Code 3, Inc. 3050 1 yr	Undercover Siren with Wail and Yelp siren tones, plus Air Horn.	188.00 4.01 1.82	156.61 144.58 134.24

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Scorpion Siren Control

45624

Code 3 Scorpion Siren. Siren tone selection is made at the touch of a button! Scroll between wail, yelp, and hyperyelp without losing the ability to choose the tone you want. Allows a separate button for air horn, and allows you to manually change the wail tone frequency. Features: Instant On-allows the siren to remain ready for operation instantly without turning knobs. Park Kill-deactivates the siren tones when the vehicle is shifted to park. Adjustable Backlighting-allows connection to dimmer if desired. Horn Ring Remote Scroll- remotely scrolls through the sirentones or activates air horn function. Radio Rebroadcast-broadcasts two-way radio reception over siren speakers. 6.75W" x 6.75W" x 2.25W".

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
45624	Code 3, Inc.	Scorpion 100 watt siren with PA and radio broadcast.	266.00	221.58
1 EACH	3932		5	204.56
	1 yr		2.27	189.93

V-Con Siren Control

19196

Code 3 V-Con Siren. Features include: Electronic Air Horn, Wail, Yelp, Hyperyelp siren tones, Public Address, Radio Rebroadcast, backlighting for easy night operation and hard-wired microphone. Size: 6.5"W x 5.5"D x 2.5"H.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
19196	Code 3, Inc.	V-Con siren with hard-wired microphone.	301.00	250.74
1 EACH	3672		5	231.47
	1 yr		2.27	214.92

MasterCom Siren Control

32410

Code 3 MasterCom Siren. Features include: air horn, Wail, Hi-Lo, Yelp, and HyperYelp siren tones, Public Address, Radio Rebroadcast, microphone, built-in horn ring transfer, 30-amp 3-level slide switch, changeable legend, override tones, and four auxillary control buttons. Size: 6.75"W x 7"H x 2.75"D.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
32410	Code 3, Inc.	MasterCom 200W sirenwith hard-wired mic., and 7-level light control.	598.00	498.14
1 EACH	3892L4		6.72	459.87
	1 yr		3.05	426.98

V-Con HalfPak Light Control

427008

V-Con HalfPak Control features three level progressive and five auxillary controls.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
427008	Code 3, Inc.	V-Con HalfPak Control	232.25	193.47
1 EACH	3680		3	178.60
	1 yr		1.36	165.83

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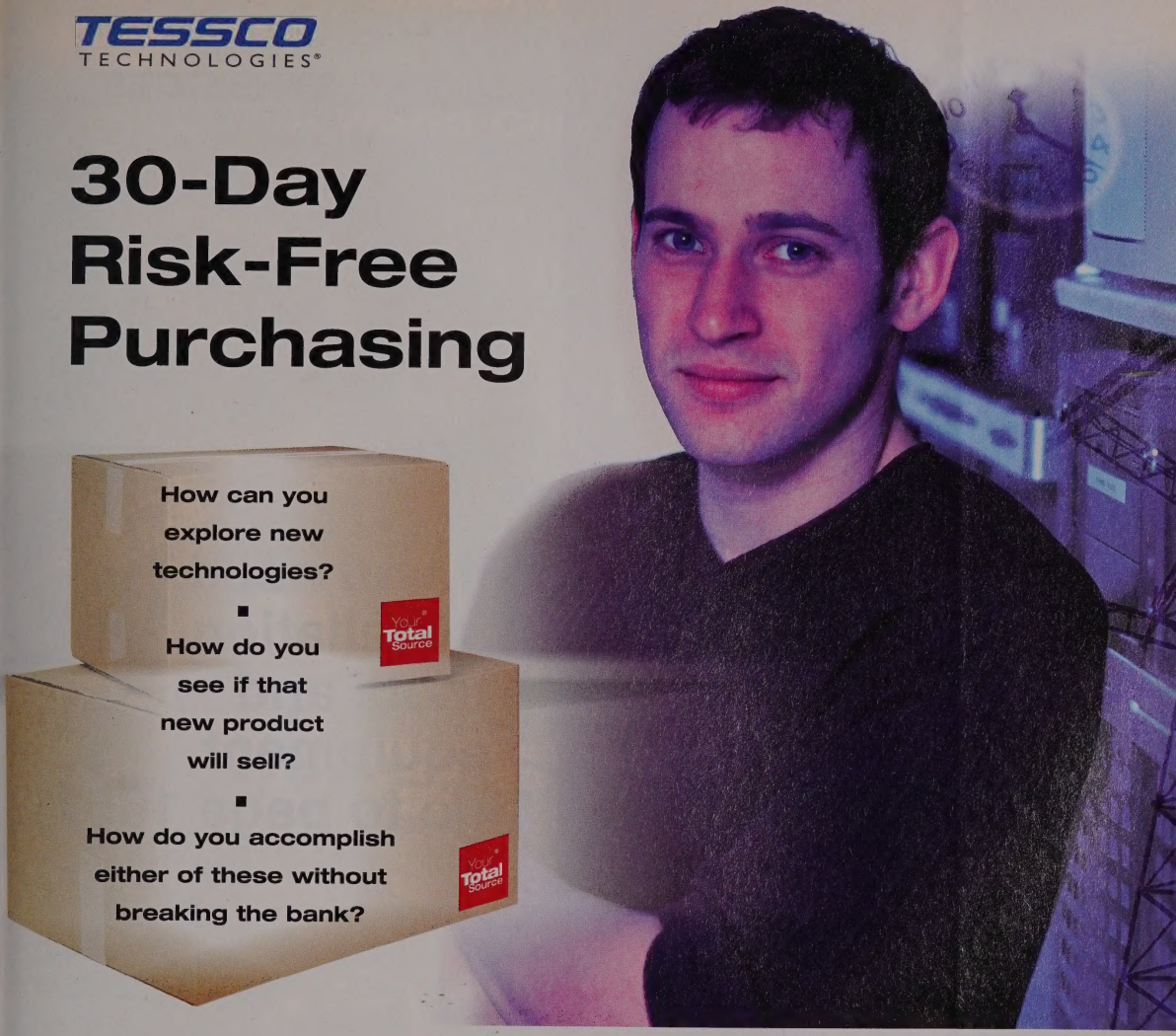

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If you need antennas, mounts and vehicle equipment, you're on the right page.

If you need installation tools and equipment, go to page 1651.

The 2003 TESSCO® *Solutions Guide* has everything you think of and everything you don't. Browse through it and see how it can help you today.

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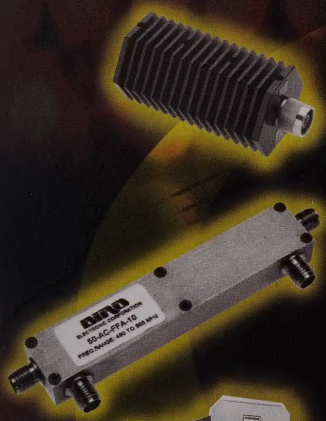

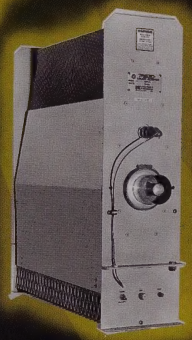

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Field-Proven Performance. Even Better.

No question, lightweight is a big benefit in the field. But the next important question has to be – will it perform?

The MS2711B delivers on both. Weighing only 4.9 pounds including battery, it's as mobile as you need to be. And when it comes to performance, with a built-in preamplifier there's nothing better for measuring in the 100 kHz to 3.0 GHz range or for testing in a variety of wireless standards including GSM, CDMA and 802.11.

No wonder more field engineers and technicians prefer the MS2711B instead of heavier, traditional and expensive communications analyzers.

The affordable new MS2711B Handheld Spectrum Analyzer. It's ready for your toughest environments. Getting there and back is up to you.

MS2711B Handheld Spectrum Analyzer

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RF & Microwave Test Equipment [683-10]

TESSCO Calibration Services

TESSCO Calibration Services (TCS), offers the same excellence in quality and customer services, that you would expect from TESSCO a world leader in the Wireless Industry delivery solutions that makes wireless work. Our calibration and repair services utilizes Automated Systems Tests to ensure reliable and complete quality in evaluating your communication test equipment.

- NIST Traceable Calibration and repair services
- ISO 9002 Certified
- Conforms to Mil STD Z540
- Three day turnaround on most calibrations
- Extended Calibraiton Services

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Equipment Manufacturer, Equipment Being Calibrated	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 438370 1 EACH	TESSCO Services NIST-CAL recommended calibration cycle 1 year	TESSCO Calibration Services NIST Certification RF & Microwave Test Equipment contact TESSCO for your specific calibration requirements	0.00 0.25 0.11	0.00 0.00 0.00

Line Sweeping and Spectrum Analysis [685-10]

TESSCO Training Services

TESSCO training services allows you to keep your technicians and engineers up to date on industry standards and the latest technology. Learn measurement techniques that verify and document the quality of your installation. Understand the proper approach that holds up to the test of time and interpretation. Make trouble shooting easier with field proven steps that simply optimizing your systems.

- RF and Microwave Transmission systems line sweeping
- RF Basics
- Spectrum Analysis
- T1/T3/SONET, Fiber Optics, ATM, and other access and transport systems network systems definitions and measurement approaches (for various brands of BER's Bit Error Rate testers)
- Ethernet, Frame Relay, Gig E and IP network measurement and system knowledge
- Connectorization and safety for field technicians using several makes of cables and connectors

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 447332 1 EACH	TESSCO Service Solutions TRAINING N/A	TESSCO Training Services	0.00 0.01 0	0.00 0.00 0.00

Anritsu Specialized Line Sweep Training

Specialized line sweep training is an intense, hands-on training course that focuses on RF line sweep theory and technology. The class is led by Anritsu's factory certified Instructors and can be held at either your location or Tessco's Global Logistics Center in Hunt Valley MD.

- You will learn:
- How to identify, locate, repair and document transmission line faults
- How will cables and connectors effect your sweep results
- The technical aspects of line sweeping
- Check www.tessco.com for class locations and dates. Look under Resources & Publications/ Training.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
55985 1 EACH	Anritsu 10580-00045 N/A	SiteMaster Training, 2 day course.	995.00 1 0.45	995.00 995.00 995.00

Communciation Technology Training

Preparing your workforce to excel in today's rapid evolving communications environment is crucial to success of your organization. Acterna's wide array courses--From product training to technology fundamentals--guarantees that your staff can get the exact information they need to improve on-the-job performance. Courses are held in multiple locations and dates. Check our training schedules at www.tessco under publications.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 417330 1 EACH	Acterna TT-DS1/DS3 N/A	Training 2 day DS1 Basics, Details and Test Applications, DS3 Fundamentals and testing	900.00 0.15 0.07	90 90 90
NEW 458347 1 EACH	Acterna TT-SONET N/A	Training 1 Day SONET Fundamental Includes SONET Basics, Elements, Layers, Frame Structure and Operation Req. DateSKU	500.00 0.15 0.07	50 50 50
NEW 493390 1 EACH	Acterna TT-ATM N/A	Training 1 Day ATM Fundamentals and Test Applications, Define ATM Technology, Basics and Operation.	500.00 0.15 0.07	50 50 50
NEW 424391 1 EACH	Acterna TT-2207/9 N/A	Training 2 Day Network Testing with the 2207/9, Including T1/FT1, GSM Fundamentals & Applications, VF Signaling and DS3 Fundamentals.	900.00 0.15 0.07	90 90 90
NEW 478371 1 EACH	Acterna TT-2310S N/A	Training 3 Days SONET DS1/3 Fundamentals and Test Applications with TB2310, DS1/3 and SONET Fundamentals and Test Applications.	1,200.00 0.15 0.07	1,2 1,2 1,2

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Spectrum Analyzers [690-10]

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ek Field Strength Analyzer

Protek Hand Held 2.06GHz RF Field Strength Analyzer. Detects wideband and narrow band FM, AM and Single sideband signals. Up to 160 channels may be scanned and displayed. Audio output and built in speaker. All functions are menu selected, instrument setups and displayed data may be stored in memory. Includes Software and RS-232 cable with serial or parallel interface, for hard copy print of spectrum and bar graph displays.

- ency Range: 100KHz to 2060MHz
- 192 pixel LDC Display
- Display Range
- pm Reference Oscillator Accuracy
- B Level Accuracy
- Hz and 180kHz (-6dB) Resolution Bandwidth
- AM/FM Demodulation
- 2 GHz frequency counter
- Backlit Display
- Memory Storage for 10 Setups and 10 Displays
- Dimensions: 9.5" H x4" W x 1.77" D Weight 1.4lbs.

o. m	Manufacturer Mfg. P/N Warranty	Spectrum Analyzers	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
2 H	Protek, Inc. 3201 1 yr	RF Field Strength Analyzer 100KHz to 2060 MHz Includes: 6AA NiCad Batteries, 9" Whip Antenna, RS-232 Cable, Earphone, Lighter Adapter, AC Adapter, Case and Manual.	2,100.00 1.5 0.68	2,095.80 2,095.80 2,095.80

Spectrum Analyzer Adapter

The LPT-1250 10 MHz to 1.15 GHz bandwidth, digitally synthesized spectrum analyzer adapter/simulator can be used with the display of any oscilloscope for spectral analysis. This model conveniently provides you with a powerful RF test and measurement tool. The simple user interface allows both the novice and seasoned expert to use the LPT-1250 right out of the box. Flicker free operation provides rock steady traces and markers assist measurement analysis.

- ncy Range: 10 MHz to 1 GHz (usable 150 o 1.15 GHz.
- Screen Markers with Signal Level Readout
- evel Range: -100 dBm to +20 dBm
- nce Level Accuracy +/- 1.5 dB at 80 MHz Dis- nge: 75dB (usable)
- ncy Stability: +/- 10 ppm
- ncy Control: Digital Phase Lock
- Resolution Bandwidths: 3 kHz, 30 kHz, 220 kHz, 4 MHz +/- 15%
- Phase Noise: -83 dBc/Hz at 20 kHz offset, typical
- Noise floor: -95 dBm at 30 kHz RBW, -100 dBm typical
- Options: Tracking Generator, High Stability Oscillator, Remote Control and Frequency Extension (2.6 GHz).
- 10.0"W x 3.75"H x 10.75"D. Weight 5 lbs

Manufacturer Mfg. P/N Warranty	Spectrum Analyzers	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
LP Technologies LPT1250 1 yr	Spectrum Analyzer Adapter Range: 10MHz to 1 GHz (150KHz to 1.15 GHz Usable). Oscilloscope Required for Trace Display.	1,690.00 8 3.64	1,681.55 1,673.10 1,664.65
LP Technologies LPT1250/TKG 1 yr	Spectrum Analyzer Adapter With Tracking Generator Range 10MHz to 1 GHz (150KHz to 1.15 GHZ Useable). Oscilloscope required for Trace Display.	2,385.00 9 4.09	2,373.08 2,361.15 2,349.23
LP Technologies LPT1250/HSO/FEX 1 yr	Spectrum Analyzer Adapter with High Stability Oscillator and Frequency Extender. Range 10MHz to 2.6 GHz. Oscilloscope required for Trace Display.	2,580.00 10 4.54	2,567.10 2,554.20 2,541.30
LP Technologies PALM-1250 1 yr	Palm pilot Software Option	195.00 1 0.45	194.03 193.05 192.08
LP Technologies PALM-C 1 yr	Cable for Palm pilot to LPT 1250	29.00 1 0.45	28.86 28.71 28.57
LP Technologies SCC-1250 1 yr	Soft Carrying Case for LPT-1250 Analyzer with Rechargeable Battery and Charger 5 Hour Operation	249.00 0.5 0.23	247.76 246.51 245.27

LPT Remote Spectrum Analyzer Adapter

The LPT-1750 Fully Synthesized RF 10MHz to 1 GHz Remote Spectrum Analyzer gives you the ability to use your PC either directly connected (RS-232) or from remote dial-up. Built in modem, internal memory and real time clock allows fully automatic unattended measurements anytime from any location. The data is saved in internal memory and easy access via telephone to eliminate costly service calls.

- Remote and Mobile Monitoring System
- Frequency Range: 10MHz to 1 GHz
- Input Level: -100dBm to +20dBm
- Reference Level Accuracy: +/-1.5dB @80MHz
- Display Range: 75dB (usable)
- Resolution Bandwidths: 3 kHz,30kHz,220kHz, and 4MHz +/-15%
- Average Noise: -140dBm/Hz typical
- Phase Noise: -77dBc/Hz at 30kHz offset
- Options: Tracking Generator, High Stability Oscillator, Frequency Extension (2.6 GHz), Carrying Case with Battery
- Dimensions: 8.5"(W) X 4"(H) X 11.5"(D) Weight 7 Lbs.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Spectrum Analyzers	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
468037 1 EACH	LP Technologies LPT1750 1 yr	Remote Spectrum Analyzer Adapter with a range of 10MHz to 1 GHz (150KHz to 1.15 GHz usable). Includes a Built-in Modem and RS-232 Interface.	2,255.00 10 4.54	2,243.73 2,232.45 2,221.18
433049 1 EACH	LP Technologies LPT1750/HSO/FEX 1 yr	Remote Spectrum Analyzer Adapter with a High Stability Oscillator and a Range of 10MHz to 2.6GHz with the Frequency Extension. Includes a Built-in Modem and RS-232 Interface.	3,145.00 10 4.54	3,129.28 3,113.55 3,097.83
437039 1 EACH	LP Technologies SCC-1750 1 yr	LPT-1750 Portability Kit, Includes a Soft Carrying Case, Rechargeable Battery (5 hr) and charger.	249.00 0.5 0.23	247.76 246.51 245.27

LPT-2250 Spectrum Analyzer

The LPT-2250 is a fully synthesized RF spectrum analyzer. Includes on-screen markers with absolute and relative levels to simplify measurement analysis.

- Frequency Range: 10 MHz to1 GHz (usable 150 KHz to 1.15 GHz
- Two markers
- Input Level Range: -100 dBm to +20 dBm
- Reference Level Accuracy +/- 1 dB to 80 MHz
- Frequency Stability" +/- 10 ppm
- Frequency Control: Digital Phase Lock
- Resolution Bandwidths:3 kHz, 30 kHz, 220 kHz, 4 MHz +/- 15%
- Display Range: 75 dB usable
- Phase Noise: -83 dBc/Hz at 20 kHz offset, typical
- Noise floor: -95 dBm at 30 kHz RBW, -100 dBm typical
- Options: Tracking Generator, High Stability Oscillator, AM/FM Receiver and Remote Control
- Dimensions: 12.5"W x 5.75"H x 17"D Weight 18 lbs.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Spectrum Analyzers	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
39704 1 EACH	LP Technologies LPT2250 1 yr	Spectrum Analyzer with a Range of 10MHz to 1 GHz (usable 150KHz to 1.15GHz)	2,680.00 22 10	2,666.60 2,653.20 2,639.80
39751 1 EACH	LP Technologies LPT2250/TKGRCV 1 yr	Spectrum Analyzer with a Range of 10MHz to 1 GHz, includes a Tracking Generator and an AM/FM Receiver.	3,600.00 23 10.45	3,582.00 3,564.00 3,546.00
471004 1 EACH	LP Technologies REM-2250 1 yr	Remote Control Software Option with an RS-232 Interface	195.00 0.5 0.23	194.03 193.05 192.08

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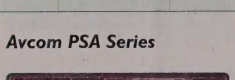
B & K Spectrum Analyzers

The B & K Spectrum Analyzers are great for professionals in telecommunications as well as cable TV industry. All three models are suitable for pre-compliance testing during development and performance optimization. The spectrum analyzer/sniffer probe combination is an excellent solution for RF leakage/radiation investigation, CATV/MATV systems, cellular telephone/pocket pager tests and EMI diagnostics.

- Frequency Range: 150 KHz to 1050 MHz
- Dynamic Range 80db (113db with attenuation)
- AM & FM demodulation included
- Optional built-in tracking generator -50dbm to +1dbm attenuator 0 to 40db (2630 & 2635)
- Amplitude range: -100dbm to +13dbm
- Average noise level: -99dbm (12.5KHz BW)
- CRT Display 6 inch
- Power: 90-260 VAC, 50/60Hz
- Dimensions: 4.9" H x 11.2" W x15" D weight 13.2 lbs.
- Model 2635 (only) Memory recall Frequency and level marker with RS-232

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Spectrum Analyzers	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
84676 1 EACH	BK Precision 2625 1 yr	B&K 2625 Spectrum Analyzer. 150 kHz to 1050 MHz. Includes a 4.5 digit frequency counter and one marker. 100KHz resolution.	2,195.00 17 7.73	2,184.03 2,173.05 2,173.05
97399 1 EACH	BK Precision 2630 1 yr	B&K 2630 Spectrum Analyzer with a Tracking Generator. 150KHz to 1050 MHz. Includes a 4.5 digit frequency counter and one marker. 100KHz resolution	2,995.00 17 7.73	2,980.03 2,965.05 2,965.05
452040 1 EACH	BK Precision 2635 1 yr	B&K 2635 Spectrum Analyzer with a Tracking Generator. 150KHz to 1050 MHz. Includes 4.5 digit Frequency counter, Memory w/RS-232 interface and two markers. 100KHz resolution.	3,295.00 17 7.73	3,278.53 3,262.05 3,262.05

Avcom PSA Series



The broad frequency coverage and high sensitivity of the PSA-65C is the perfect instrument for field testing of RF systems, satellite system alignment, cellular and production use. The small size, light weight and low cost will enable companies to issue spectrum analyzers to their technical staff when more expensive units are not justified. The Digital Frequency Lock (DFL) function prevents analyzer drift and is helpful when monitoring a discrete signal. A unique zero span function allows instant monitoring of transmissions as soon as the "spike" is tuned to the center of the display. The FM Audio Demodulator allows the PSA-65C to monitor transmissions observed on the display. This feature is particularly useful for locating electronic listening devices.

- Frequency Range: 1.0MHz to 1250MHz
- Center frequency, Span, and Start/Stop frequency display
- 70dB Display Range
- 2dB or 10dB Vertical sensitivity
- 115dB (with attenuation) Dynamic Range
- +/- 2dB Level Accuracy
- 75, 150, 300kHz, 1,3MHz Resolution Bandwidth
- FM Demodulator
- Power: 115VAC/Internal 12V Gel Cell battery.
- Dimensions: 11.5"x5.5"x13.5".
- Has DC block feature to 50V
- Available Options: Tracking Generator, Frequency Extender, Preamp, Broadband Noise Generator.
- ADA-1Da option provides data interface to PC for post measurement analysis

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Spectrum Analyzers	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
70367 1 EACH	Avcom of Virginia PSA-37D 1 yr	Spectrum Analyzer covering 10MHz to 4.2GHz in multiple bands, 10-500MHz, 500-1000MHz, 950-1450MHz, 1250-1750MHz and 3.7G-4.2GHz	2,995.00 25.1 11.41	2,995.00 2,995.00 2,995.00
33005 1 EACH	Avcom of Virginia PSA-37D/ADA-10A 1 yr	Spectrum Analyzer covering 10MHz to 4.2GHz in multiple bands, 10-500MHz, 500-1000MHz, 950-1450MHz, 1250-1750MHz and 3.7G-4.2GHz. Includes Data interface.	3,370.00 17 7.73	3,370.00 3,370.00 3,370.00
429025 1 EACH	Avcom of Virginia MFC-2030/5464-65 1 yr	AVCOM Dual Range Frequency Extender, 2-3 GHz and 5.4 -6.4 GHz for use with PSA-65C.	1,470.00 12 5.45	1,470.00 1,470.00 1,470.00
83581 1 EACH	Avcom of Virginia PSA-65C 1 yr	1 MHz to 1250 MHz Spectrum Analyzer with FM Demodulator	3,295.00 18 8.18	3,295.00 3,295.00 3,295.00
NEW **492327** 1 EACH	Avcom of Virginia MFC-1225-65 1 yr	AVCOM Frequency Extender, 1.25GHz to 2.5 GHz for the PSA-65C.	675.00 5 2.27	675.00 675.00 675.00
NEW **473159** 1 EACH	Avcom of Virginia MFC 1727-65 1 yr	Avcom Frequency Extender 1.7GHz to 2.7 GHz for use with the PSA-65C.	675.00 5 2.27	675.00 675.00 675.00
NEW **471070** 1 EACH	Avcom of Virginia MFC-2030-65 1 yr	AVCOM Frequency extender, 2-3 GHz for the PSA-65C spectrum analyzer.	675.00 17 7.73	675.00 675.00 675.00
NEW **460156** 1 EACH	Avcom of Virginia MFC 5060-65 1 yr	AVCOM Frequency Extender, 5 GHz to 6 GHz for the PSA-65C	895.00 5 2.27	895.00 895.00 895.00
NEW **437389** 1 EACH	Avcom of Virginia MFC 5762-65 1 yr	AVCOM Frequency Extender, 5.7GHz - 6.2GHz for the PSA-65C	895.00 5 2.27	895.00 895.00 895.00
NEW **424152** 1 EACH	Avcom of Virginia ADA-10A 1 yr	Computer display adapter for all CRT style PSA's, WIN95/98/2000/XP/NT	375.00 3 1.36	375.00 375.00 375.00

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Spectrum Analyzers	List ($) Wt. (lbs) Wgt. (kg.)	T
41087 1 EACH	Avcom of Virginia AVSAC 1 yr.	Carry case for PSA series spectrum analyser. Includes a shoulder strap, zippered pocket for accessories and access to the rear panel and line cord.	89.00 5 2.27	8 8 8
NEW **428371** 1 EACH	Avcom of Virginia MFC 3742-65 1 yr	Frequency Extender 3.7GHz to 4.2 GHz *REQUIRES PSA-65C (ONLY) SPECTRUM ANALYZERS*	675.00 5 2.27	67 67 67
NEW **434349** 1 EACH	Avcom of Virginia MFC 5759/24 1 yr	Frequency Extender 5.7GHz-5.9 GHz *REQUIRES PSA-2400A (ONLY) SPECTRUM ANALYZERS*	895.00 5 2.27	89 89 89
NEW **410339** 1 EACH	Avcom of Virginia MFC 5254/24 1 yr	Frequency Extender 5.7GHz-5.9 GHz *REQUIRES PSA-2400A (ONLY) SPECTRUM ANALYZERS*	895.00 5 2.27	89 89 89
NEW **490310** 1 EACH	Avcom of Virginia MFC 5254/5759/24 1 yr	Dual Frequency Extenders for 5.2Ghz-5.4Ghz and 5.7GHz-5.9 GHz *REQUIRES PSA-2400A (ONLY) SPECTRUM ANALYZERS*	1,650.00 5 2.27	1,6 1,6 1,6

AVCOM 2.4GHz Spectrum Analyzer

The PSA-2400A is designed for field measurem the 2.4GHz spectral range. Microwave links, cellul phones, wireless LANS and bluetooth all operate unlicensed 2.4GHz ISM band. the PSA-2400A is a ble, lightweight (8lbs) spectrum analyzer that is id for broadband field work. Adjustable span and tun coupled with on-screen display of center frequenc span gives you the information you need. The high trast LCD display is readable in full sunlight, and b for use at night.

- Applications include: Predeployment WLAN site surveys
- Antenna placement to align antenna's and optimize signal stength
- Perfromance tests: Occupied bandwidth, signal strength and propagation
- Frequency range: 2400 MHz to 2500 MHz
- Reference levels: 0, -20, -40 dBm
- Span: >100MHz: Resolution bandwidth: 1MHz
- Sensitivity/dynamic range: 10 dB/div.
- Sensitivity: -100 dBm: Noise floor: -105dBm
- Display: 5.7" diagonal monocrome 1/4 VGA LCD
- Power: external 85-264VAC, 47-440Hz/9-15VD Internal 6V gel cell battery
- Weight: 8 lbs.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Spectrum Analyzers	List ($) Wt. (lbs) Wgt. (kg.)	T
463156 1 EACH	Avcom of Virginia PSA-2400A 1 yr	AVCOM PSA-2400A Portable Spectrum Analyzer. Includes a Frequency range of 2400MHz to 2500MHz, Internal Battery and a BNC connector w/BNC to F adapter	2,795.00 18 8.18	2,7 2,7 2,7

AVCOM 5-6 GHz Analyzers

The PSA-86A Portable Spectrum Analyzer, it inclu AVOCM's proven microprocessor frequency cont technology, attractive multifunction backlit LCD, a automatic Digital Frequency Lock (DFL). The PSA covers a frequency range between 5 and 7GHz in of 1000MHz.

- Frequency Range: See Table
- Reference Levels : +10, 0, -10, dBm/+59, +49, +39 dBmv
- Input Connector : Type BNC (BNC to F adapter included) Type N optional
- Sensitivity : Greater than -95 dBm
- Amplitude Accuracy : ±2 dB typical
- Frequency Display : LCD Frequency Readout in tenths of MHz
- Resolution Bandwidth: (75KHz, 150KHz, 300KH 3MHz, 3MHz) Automatically selectable by Span Control
- Display : 10 horizontal graticule Divisions (frequency) x 7 vertical graticule Divisions (amplitu Each vertical Division equals 10 dB or 2 dB.
- Dimensions : 11.5"W x 5.5"H x 13.5"D
- Weight : 18 lbs./8.18 kg
- Power Requirements : External 115VAC 60 Hz VDC, Internal 12V Gel Cell Battery, 220/240 V models available

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Spectrum Analyzers	List ($) Wt. (lbs) Wgt. (kg.)	T
74229 1 EACH	Avcom of Virginia PSA-86A/001 1 Year	Spectrum Analyzer 5.5-6.5 GHz	3,295.00 18 8.18	3,2 3,2 3,2
74245 1 EACH	Avcom of Virginia PSA-86A/002 1 Year	Spectrum Analyzer 5.1-6.1 GHz	3,295.00 18 8.18	3,2 3,2 3,2

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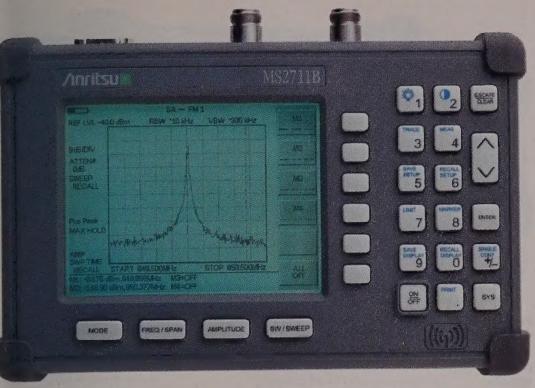
ritsu HandHeld 3 GHz Spectrum Analyzer



Spectrum Master MS2711B from Anritsu is a handheld spectrum analyzer that has all the efits of larger portable instruments at a fraction of the size. The unit utilizes an advanced, ed, handheld, battery-operated, synthesizer-based design that delivers accurate, repeatable surements, making it ideal for field environments and applications requiring mobility. Field neers and technicians will find that the units sensitivity of -115 dBm will be suitable for the ysis and solution of interference, coverage and other RF path related problems. The unit features many "One Button" measurements aimed at simplifying operator use and profes- al analysis and reporting software comes standard with every unit.

- Includes: Software Tools, Battery Pack, Soft e, AC/DC Power Cords, Serial Cable and User's le
- uency Range: 100 kHz to 3.0 GHz
- weight at less than 4.9lbs
- ed, Handheld Battery-Operated Design
- e Level: -115dBm
- mic Range: >65dB
- litude Accuracy +/- 1.5 dB
- 10 Measurement Test Set-Ups
- up to 200 Measurement Traces
- numeric Labeling of Saved Measurements
- ssional Analysi and Reporting Software
- k Span Operation, Plus Zero Span
- Resolution Bandwidths: 10 kHz, 30 kHz, 100 kHz and 1 MHz
- Video Bandwidth: 100 Hz to 300 kHz in 1-3 sequence
- RF Input to +27 dBm
- Manual and automatic attenuator control
- Ability to store and recall antenna factorsl
- Built-in AM/FM demodulation
- Rechargeable, Field Replaceable Battery
- RS-232/USB Interface
- Features: Multilingual User Interface, 6 markers, Single/Segmented limit lines and Trace Overlays for on screen comparisons
- Dimensions: 8.0" H x 7" W x 2.25" D
- Available with optional tracking generator (Option 20)

o. om	Manufacturer Mfg. P/N Warranty	Spectrum Analyzers	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
48 CH	Anritsu MS2711B/8 1 yr	MS2711B Hand Held Spectrum Analyzer with Pre Amplifier	6,200.00 8 3.64	6,200.00 6,138.00 6,107.00
15 CH	Anritsu MS2711B/8/20 1 yr	MS2711B Hand Held Spectrum Analyzer with built in preamplifier and Tracking Generator Option (10MHz to 3 GHz)	7,700.00 8 3.64	7,700.00 7,623.00 7,584.50
V 53 CH	Anritsu 1030-86 1 yr	Cellular Band Pass Filter, 806-869 MHz	500.00 3 1.36	500.00 495.00 492.50
V 91 CH	Anritsu 1030-87 1 yr	Cellular Band Pass Filter, 902-960 MHz	500.00 3 1.36	500.00 495.00 492.50
V 30 H	Anritsu 1030-88 1 yr	PCS Band Pass Filter, 1.85-1.99 GHz	500.00 3 1.36	500.00 495.00 492.50
V 35 H	Anritsu 1030-89 1 yr	WLAN Band Pass Filter, 2.4-2.5 GHz	500.00 3 1.36	500.00 495.00 492.50
V 0 H	Anritsu 61N50 1 yr	RF SWR Bridge, N/M. 10 MHz-2.5 GHz	1,690.00 3 1.36	1,690.00 1,673.10 1,664.65
V 7 H	Anritsu 61NF50 1 yr	RF SWR Bridge, N/F. 10 MHz-2.5 GHz	1,690.00 3 1.36	1,690.00 1,673.10 1,664.65

R&S 3 GHz Handheld Spectrum Analyzer

The Rohde & Schwarz FSH3 is the ideal spectrum analyzer for rapid, high-precision, cost effective signal investigations. It provides a large number of measurement functions and so can handle from the installation to maintenance of a mobile radio base station, through on-site fault location in RF cables to development and service an extensive range of applications. Offers measurement functions for Spectrum Analysis, Scalar Network Analysis (Tracking Generator required), Channel Power Distance t-to-Fault measurements (optional) and Power (sensor required).

- Robust edge protection, Ease-of-Operation
- Portable NiMH Battey power up to 4 hours continuious operation
- Frequency Range: 100 KHz to 3 GHz
- Resolution Bandwidths: 1 KHz to 1 MHz
- Video Bandwidth: 10 Hz to 1 MHz
- Average Noise Level: -116 dBm
- Displayed Units: dBm, dBmicro Volts, dBmV, mircoV, mV, V, nW, mW and Watts
- Markers for AutoPeak, next peak, noise marker and frequency counter, Stores up to 100 traces and set-ups with easy data transfer to PC
- External, Video and free-runnning triggers
- Audio Demodulation for AM and FM
- Includes: Ac power adapter and NiMH battery pack, RS-232-C cable, Headphones, CD-ROM with control software and Manual
- Power: AC 100 to 240VAC 50/60 Hz or NiMH battery pack (4-Hours of operation)
- Dimensions: 6.7" x 4.7" x 10.6" Weight: 5.7 lbs.
- Options: Distanace-to-Fault measurments (calibration terminations and 1 M cable) option B1. Requires VSWR Bridge
- VSWR Bridge & Power Divider required for Distance to Fault measurements
- Optional Power sensors: Model Z1 covers 10MHz to 18 Ghz 100nW to 500mWatts with male connector

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Spectrum Analyzers	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **419395** 1 EACH	Rohde & Schwarz FSH3 1 Year	100 kHz to 3 GHz Portable Spectum Analyzer	6,625.00 10 4.54	6,625.00 6,591.88 6,558.75
NEW **449396** 1 EACH	Rohde & Schwarz FSH313 1 Year	100 kHz to 3 GHz Portable Spectum Analyzer w/Tracking Generator	8,200.00 10 4.54	8,200.00 8,159.00 8,118.00
NEW **448306** 1 EACH	Rohde & Schwarz FSH-Z25 1 Year	Soft Carrying Case for FSHx Spectrum Analyzers	180.00 2 0.91	180.00 179.10 178.20
NEW **438334** 1 EACH	Rohde & Schwarz FSH-Z2 1 Year	VSWR Bridge & Power Divider Frequncy 10 MHz to 3 GHz	1,635.00 3 1.36	1,635.00 1,626.83 1,618.65
NEW **417350** 1 EACH	Rohde & Schwarz FSH-B1 1 Year	Distance-to-Fault Software Includes: Short for Calibration requires (sku 438334) VSWR Bridge	1,070.00 1 0.45	1,070.00 1,064.65 1,059.30
NEW **486354** 1 EACH	Rohde & Schwarz FSH-Z1 1 Year	Power Sensor 10MHz to 8GHz for FSH SPA input power 400mW, peak 1 Watt measuring range: 200pW to 200mW (-67dBm to +23 dBm), Connection N-male	2,425.00 2 0.91	2,425.00 2,412.88 2,400.75

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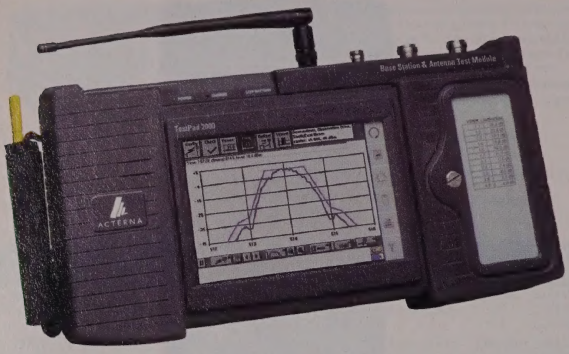
Acterna BaseStation/Air Interface Module



The Base Station and Air Interface Test Module (BAT), measures RF parameters from a base station via direct connect or air interface. Providing basic RF power, spectrum, and frequency offset, without having to disrupt the base stations operation and revenue-generating traffic. With the BAT the field technicians can easily check the performance of a cell site. This easy-to-use hand-held tester allows Go/No/Go testing by non-RF field technicians as well as detailed analysis for the RF experts. With the use of interchangeable field modules the users can verify wired interfaces from copper T1/T3 up to 10 GBit optical networks as well as wireless interfaces.

- Multiple wireless system testing: AMPS, CDMA, TDMA, GSM, PCS, and iDEN
- Interface Analysis tool detects interfering signals in the RF environment
- Database of base stations full details of site locations, configurations and performance settings
- Measures output power, ripple, frequency, spectrum and reflection
- Verify the antenna match in the frequency domain while the cell site is in operation
- Generates detailed cell site reports for RF performance engineers
- RF Speecifications: RBW 200KHz, 30KHz, Sample rate 50,000/sec
- Dynamic Range: Instantaneous 80dB, Total >110dB
- Measurement power: 30dBm (1W), DC blocking 50V
- Module Connections: Main and Reflection N-female, Trigger BNC female, Antenna TNC female
- Optional Application Modules Include: 2207 T1/T3 DS1/DS3, 2109 Copper Analyzer, 2357 DSL Broadband, 2310 SONET, 2416 SDH, and 2510 10-Gig Services Modules
- Software upgrades see TestPad 2000 Software Options via PCMCIA cards
- Optional Accessories: CLA, Bi-directional Coupler, PC Software, Large Soft Carrying Case
- BAT Modules Includes: two 6ft. Coax Type N-N male, two N-SMA male adapters, Antenna, and Getting Started Guide.
- Dimensions BAT and TestPad overall: 7.5" x 11.5" x 2.25" Weight 5 lbs.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Spectrum Analyzers	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
491192 1 EACH	Acterna 2000-SV3 3 year	TestPad 2000 Color User Interface Module (UIM), Includes: Kickstand, AC adapter/charger, stap, and printer cable, Application Module REQUIRED. Case sold separately	2,995.00 8 3.64	2,995.00 2,995.00 2,995.00
427151 1 EACH	Acterna 2700-PCS 3 year	BAT Test Module for PCS Band 1.7GHz to 2.0GHz REQUIRES (491192)	8,000.00 5 2.27	8,000.00 8,000.00 8,000.00
466138 1 EACH	Acterna 2700-CELL 3 year	BAT Test Module for Cellular Band 800MHz to 1.0GHz REQUIRES (491192)	7,500.00 5 2.27	7,500.00 7,500.00 7,500.00
498192 1 EACH	Acterna 2700-DUAL 3 year	BAT Test Module DualBand PCS/Cellular 1.7GHz to 2.0GHz and 800MHz to 1.0GHz REQUIRES (491192)	10,000.00 8 3.64	10,000.00 10,000.00 10,000.00
470194 1 EACH	Acterna AC-016953 1 year	Bidirectional Coupler: 800 MHz to 1.0 GHz and 1.7 GHz to 2.0 GHz Couple Ports: 30 +/- 1 dB (forward and reverse).	300.00 2 0.91	300.00 300.00 300.00
410111 1 EACH	Acterna 2700-PC 1 year	PC Software for managing Base Station Database and up/downloading into the BAT Test Module.	1,000.00 1 0.45	1,000.00 1,000.00 1,000.00
446106 1 EACH	Acterna CC-44605 1 year	Large Soft Case for TestPad 2000 and Modules	150.00 5 2.27	150.00 150.00 150.00
NEW 448188 1 EACH	Acterna M290009 1 year	Acterna Printed Manual for BAT 2700	100.00 1 0.45	100.00 100.00 100.00

Advantest 3 GHz Spectrum Analyzer

Features ultra-compact and lightweight design. The 6" TFT color LCD display tilts to optim visibility. Features wide array of analysis functions. Syntehsized local oscillator for high stabi measurements, Switchable preamp for high-sensitivity measurements. Built in adjacent cha power, occupied bandwidth, and channel power measurements See table below for availab options.

- Frequency Range: 9 KHz to 3 GHZ
- Reference Accuracy: +/- 2x10E-6/year
- Resolution BW: 1 KHz to 3 MHz (1-3 sequence),(100 Hz, 300 Hz W/Opt.26)
- Display Dynamic Range: 100 dB
- Input Range: Noise floor to +20 dBm
- Amplitude accuracy: less than +/- 2 dB
- Sweep Time: 50ms to 1000s
- Two PCMCIA memory card slots
- 3 way power supply, AC line, external DC and optional battery pack
- Dimensions: 11.37" W x 5.75" H x 13.25" D Wei 15 lbs.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Spectrum Analyzers	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
39539 1 EACH	Advantest U3641 1 yr	Spectrum Analyzer. 9 KHz to 3 GHz.	12,600.00 39 17.73	12,5 12,4 12,4
39622 1 EACH	Advantest U3641+20 1 yr	Spectrum Analyzer. 9 KHz to 3 GHz. With High-Stability Reference Oscillator (+/-2x10E-8/day)	13,410.00 39 17.73	13,3 13,2 13,2
39647 1 EACH	Advantest U3641+26 1 yr	Spectrum Analyzer. 9 KHz to 3 GHz. With Narrow RBW Filters (300 Hz, 100 Hz)	13,230.00 39 17.73	13,1 13,0 13,0
39706 1 EACH	Advantest U3641+60 1 yr	Spectrum Analyzer. 9 KHz to 3 GHz. With CDMA Measurements Module.	14,400.00 39 17.73	14,3 14,2 14,1
39655 1 EACH	Advantest U3641+74 1 yr	Spectrum Analyzer. 9 KHz to 3 GHz. With Tracking Generator	17,560.00 39 17.73	17,4 17,3 17,2
39661 1 EACH	Advantest U3641+20+26 1 yr	Spectrum Analyzer. 9 KHz to 3 GHz. With High-Stability Reference & Narrow RBW Filters.	14,040.00 39 17.73	13,9 13,8 13,8
39717 1 EACH	Advantest U3641+20+60 1 yr	Spectrum Analyzer. 9 KHz to 3 GHz. With High-Stability Reference & CDMA Measurements Module.	15,210.00 39 17.73	15,1 15,0 14,9
39668 1 EACH	Advantest U3641+20+74 1 yr	Spectrum Analyzer. 9 KHz to 3 GHz. With High-Stability Reference & Tracking Generator.	18,370.00 39 17.73	18,2 18,1 18,0
39697 1 EACH	Advantest U3641+20+26+74 1 yr	Spectrum Analyzer. 9 KHz to 3 GHz. W/High-Stability Ref., Narrow RBWFilters, Tracking Generator	19,000.00 39 17.73	18,9 18,8 18,7
39735 1 EACH	Advantest U3641+20+60+74 1 yr	Spectrum Analyzer. 9 KHz to 3 GHz. W/High-Stability Ref., CDMA Measurements, Tracking Generator	20,170.00 39 17.73	20,0 19,9 19,8
455112 1 EACH	Advantest U3641+60+74 1 yr	Spectrum Analyzer. 9 KHz to 3 GHz. W/CDMA Measurements, Tracking Generator	19,360.00 39 17.73	19,2 19,1 19,0

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vantest 26.5 GHz Spectrum Analyzer

ures ultra-compact and lightweight design. The 6" TFT color LCD display tilts to optimize lity. Features wide array of analysis functions. See table below for available options.

ency Range: 9 KHz to 26.5 GHZ
ence Accuracy: +/-2x10E-6/year
ution BW: 1 KHz to 3 MHz (1-3 ence),(100 Hz, 300 Hz W/Opt.26)
y Dynamic Range: 100 dB

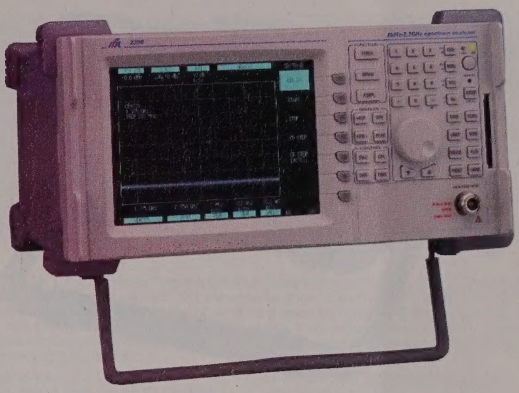
Range: Noise floor to +20 dBm
tude accuracy: less than +/- 2 dB
ualFM: less than 60 Hz p-p/100 ms

- Sweep Time: 50ms to 1000s
- Power: 120/240 VAC autoswitching
- Optional Power: DC or Battery

- Includes: Manual, N-BNC, N-SMA, adaptors, AC adaptor, carrying belt.
- Interfaces: IEEE-488, RS-232
- Two PCMIA 2.0 card slots.

o. m	Manufacturer Mfg. P/N Warranty	Spectrum Analyzers	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
8 H	Advantest U3661 1 yr	Spectrum Analyzer. 9 KHz to 26.5 GHz.	26,900.00 31 14.09	26,765.50 26,631.00 26,496.50
6 H	Advantest U3661+20 1 yr	Spectrum Analyzer. 9 KHz to to 26.5 GHz. With High-Stability Oscillator (+/-2x10E-8/day)	27,710.00 31 14.09	27,571.45 27,432.90 27,294.35
4 H	Advantest U3661+20+26 1 yr	Spectrum Analyzer. 9 KHz to 26.5 GHz. With High-Stability Reference and Narrow RBW Filters.	28,340.00 31 14.09	28,198.30 28,056.60 27,914.90
8 H	Advantest U3661+26 1 yr	Spectrum Analyzer. 9 KHz to to 26.5 GHz. With Narrow Resolution Bandwidth Filters (100 Hz, 300 Hz).	27,530.00 31 14.09	27,392.35 27,254.70 27,117.05
5 H	Advantest U3661+60 1 yr	Spectrum Analyzer. 9 KHz to to 26.5 GHz. With CDMA Measurments Module.	28,700.00 31 14.09	28,556.50 28,413.00 28,269.50
1 H	Advantest U3661+74 1 yr	Spectrum Analyzer. 9 KHz to to 26.5 GHz. With Tracking Generator.	31,860.00 31 14.09	31,700.70 31,541.40 31,382.10
0 H	Advantest U3661+20+60 1 yr	Spectrum Analyzer. 9 KHz to 26.5 GHz. With High-Stability Reference and CDMA Measurement Module.	29,510.00 31 14.09	29,362.45 29,214.90 29,067.35
6 H	Advantest U3661+20+74 1 yr	Spectrum Analyzer. 9 KHz to 26.5 GHz. With High-Stability Reference and Tracking Generator.	32,670.00 31 14.09	32,506.65 32,343.30 32,179.95
4 H	Advantest U3661+20+26+74 1 yr	Spectrum Analyzer. 9 KHz to 26.5 GHz. With High-Stability Reference, Narrow RBW Filters, and Tracking Generator.	33,300.00 31 14.09	33,133.50 32,967.00 32,800.50
0 H	Advantest U3661+20+26+72+ 74 1 yr	Spectrum Analyzer. 9 KHz to 26.5 GHz. With (20) High-Stability Reference, (26) Narrow RBW Filters, (74) Tracking Generator, (72) TV Demodulator	35,100.00 31 14.09	34,924.50 34,749.00 34,573.50
9 H	Advantest U3661+20+60+74 1 yr	Spectrum Analyzer. 9 KHz to 26.5 GHz. With High-Stability Reference, CDMA Measurements, and Tracking Generator.	34,470.00 31 14.09	34,297.65 34,125.30 33,952.95

IFR 2.7 GHz Spectrum Analyzer



The IFR 2398 offers exceptional performance in a lightweight portable spectrum analyzer. It features a fully synthesized local oscillator for accurate frequency measurments, split screen operation and optional DC power supply or external battery for remote location use.

- Frequency Range: 9Khz to 2.7Ghz
- Input Range: -105dBm to +20dBm
- Resolution Bandwidth: 300Hz to 3mHZ
- Autoset: A one button solution for instant viewing of an unknown signal
- Stores 20 traces & 10 setups in the internal memory
- RS-232 Interface & a parallel printer port
- Amplitude Accuracy: +/-1.5dB
- Display: 7.4" Monochrome
- Dynamic Range: 125dB
- Weight: 18.0 lbs.
- Dimensions: 13.75"W x 7.15" H x 14.75" D
- Unit Includes: Soft Carry Bag, Operation & Programming Manual, AC cord and RS-232 Cable

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Spectrum Analyzers	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
425042 1 EACH	IFR, Incorporated 2398-4 2 Years	Spectrum Analyzer with tracking generator, AC/DC power supply, PCMCIA card slot, quasi peak detector and high stability time base.	12,865.85 38 17.27	12,865.84 12,865.84 12,865.84
425066 1 EACH	IFR, Incorporated 2398 2 Years	Spectrum Analyzer 9KHz to 2.7 GHz	7,072.00 38 17.27	7,072.00 7,072.00 7,072.00

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Agilent ESA-L

The Agilent ESA-L portable Spectrum Analyzers provide excellent speed and accuracy with easy, reliable operation. Features high resolution display, disk drive, parallel printer port, and water-resistant front panel. Highly accurate and repeatable measurements with the continuously phase-locked synthesizer. Continuous background auto-alignment provides full accuracy over time and varying temperatures. Quick warm-up (5 minutes) provides fully calibrated field measurements without waiting. Optional tracking generator supports antenna and transmission line scalar analysis. 3 year global warranty protects your investment.

- Frequency Ranges: 9KHz to 1.5GHz, 9KHz to 3.0GHz, and 9KHz to 26.5GHz
- Features Include: Field Rugged Portability
- High Resolution Mono-chrome Display
- 3.5 inch Floppy Drive
- Phase Noise: less then 90dBc/Hz at 10 kHz offset
- Frequency Accuracy: +/- 2 kHz
- Overall Amplitude Accuracy: +/-1.1 dB
- Resolution Bandwidth Range: 1kHz to 5 MHz
- Transfer measurement results with included Benchlink XL PC software
- Measurement range -119 dBm to +30 dBm
- Dynamic Range: +40dBm SHI,+7.5 dBm TOI
- Sweep Time : 4 ms to 4000 seconds
- One button measurements; adjacent channel power,occupied bandwidth,channel power, harmonics, and 10 peak table
- Dimensions: 8.8"H x 16.3" D x 14.9" W
- Transfer measurement results with included Benchlink XL PC software

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Spectrum Analyzers	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
73951 1 EACH	Agilent Technologies E4411B-1AX 3 yr	Agilent ESA-L 9kHz to 1.5 GHz spectrum analyzer Includes RS232 interface option (1AX).	7,986.00 53 24.09	7,986.00 7,978.02 7,970.03
58239 1 EACH	Agilent Technologies E4411B-1DN1AX 3 yr	Agilent ESA-L 9kHz to 1.5 GHz spectrum analyzer Includes Tracking Gen (1DN). and RS232 Interface (1AX)	9,545.00 53 24.09	9,545.00 9,535.46 9,525.91
45025 1 EACH	Agilent Technologies E4403B-1DN1AX 3 yr	Agilent ESA-L 9kHz to 3.0 GHz spectrum analyzer Includes Tracking Gen.1DN and RS232 Interface (1AX)	15,325.00 63 28.63	15,325.00 15,309.68 15,294.35
46274 1 EACH	Agilent Technologies E4408B-1AX 3 yr	Agilent ESA-L 9kHz to 26.5 GHz spectrum analyzer Includes RS232 interface option (1AX).	24,842.00 69.44 31.56	24,842.00 24,817.16 24,792.32
96632 1 EACH	Agilent Technologies E4408B-1DN1AX 3 yr	Agilent ESA-L 9kHz to 26.5 GHz spectrum analyzer Includes Tracking Gen 1DN & RS232 Interface (1AX)	27,953.00 61 27.72	27,953.00 27,925.05 27,897.10

Agilent ESA-E Spectrum Anlayzers

The Agilent ESA-E series of general-purpose, portable spectrum analyzers offer engineers i R&D, manufacturing and field service faster measurement speed than comparably priced p ucts. Engineers will also find that the superior dynamic range, accuracy and resolving powe surpass other similarly priced analyzers. Features high resolution color display, disk drive, p allel printer port, GPIB, and water-resistant front panel.

- Frequency Ranges Include: 9KHz to 1.5GHz, 3.0GHz, 6.7GHz, 13.2GHz, and 26.5GHz
- Features Include: One-millisecond RF sweep time, 45 measurements/second
- High Resolution Full-Color Display
- Resolution Bandwidth Range: 1kHz to 5 MHz
- 99 dB third-order dynamic range and -152 dBm sensitivity (+12.5dBm TOI)
- Fault location, phase noise, PCS Service measurement personalities available
- Flexible platform for optional performance that can be configured for unique application demands
- Segmented sweep pastes together up to 32 disc tinuous spans in one sweep
- Overall amplitude accuracy ±1 dB
- Residual Responses: <-90 dBm
- Featured Options Include: Bandwidth filters (10 300 Hz), Tracking Generator 1.5/3 GHz, Preamp fier 1.5/3 GHz, High-Stability Time Base, FM Demodulation, CDMA Personalities
- Fault location, phase noise, PCS Service measure ment personalities available
- Dimensions: 8.8" H x 16.3" D x 14.9" W
- Includes: RS-232 Interface, 3.5inch Floppy Drive, with 6-slot for field upgrades

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Spectrum Analyzers	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
477020 1 EACH	Agilent Technologies E4401B-1AX 3 Years	AGILENT ESA-E 9 KHz to 1.5 GHz Spectrum Analyzer with RS-232 interface	12,525.00 50 22.72	12,5 12,5 12,5
465002 1 EACH	Agilent Technologies E4401B+OPTS 3 Years	AGILENT ESA-E 9kHz to 1.5 GHz spectrum analyzer. With Options: RS232 / Centronics,High Stability Time-Base, Narrow RBW, preamp, FM demod. 1AX, B75, BAA.	15,559.00 50 22.72	15,5 15,5 15,5
495045 1 EACH	Agilent Technologies E4402B-1AX 3 Years	AGILENT ESA-E 9kHz to 3 GHz spectrum analyzer with 1AX RS-232/centronix interface	15,423.00 50 22.72	15,4 15,4 15,4
417049 1 EACH	Agilent Technologies E4404B-1AX 3 Years	AGILENT ESA-E 9kHz to 6.7 GHz spectrum analyzer	21,944.00 50 22.72	21,9 21,9 21,9
442098 1 EACH	Agilent Technologies 4404BB75BAA1AX UK9 3 Years	AGILENT ESA-E 9kHz to 6.7 GHz spectrum analyzer. With Options: RS232/Centronics, High Stability Time Base, Nar RBW, , Preamp, FM Demod, Front Cover. 1AX, B75, BAA, UK9.	25,363.00 50 22.72	25,3 25,3 25,3
422066 1 EACH	Agilent Technologies E4405B-1AX 3 Years	AGILENT ESA-E 9kHz to 13.2 GHz spectrum analyzer with RS-232 interface	27,327.00 50 22.72	27,3 27,3 27,3
484083 1 EACH	Agilent Technologies E4407B-1AX 3 Years	AGILENT ESA-E 9kHz to 26.5 GHz spectrum analyzer with RS-232 interface	30,846.00 50 22.72	30,8 30,8 30,8

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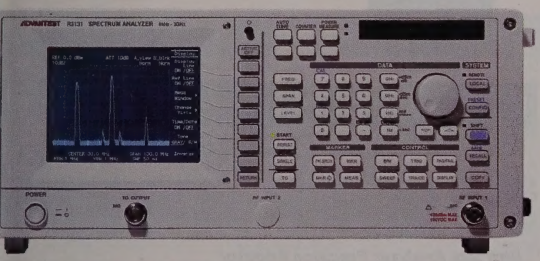
ent ESA-Series Options

Agilent options for the ESA Series Spectrum Analyzer.

o. m	Manufacturer Mfg. P/N Warranty	Spectrum Analyzers	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
9 CH	Agilent Technologies 4411BU-UK9 1 year	Front panel protective cover	105.00 5 2.27	105.00 104.90 104.79
2 CH	Agilent Technologies 4411BU-AYT 1 year	Soft carrying case for the ESA series. Grey.	351.00 5 2.27	351.00 350.65 350.30
9 CH	Agilent Technologies AYU 1 year	Soft carrying case for the ESA series. Yellow.	325.00 5 2.27	325.00 324.68 324.35
2 CH	Agilent Technologies AXT 1 year	Hard transit case for the ESA series.	1,048.00 5 2.27	1,048.00 1,046.96 1,045.91
4 H	Agilent Technologies E1779A 1 year	Rechargable battery pack for the ESA series.	1,112.00 5 2.27	1,112.00 1,110.89 1,109.78
7 H	Agilent Technologies ASD 1 year	12Vdc power cable for the ESA series.	205.00 5 2.27	205.00 204.80 204.59
0 H	Agilent Technologies B70 N/A	BenchLink PC software for the ESA series.	309.00 5 2.27	309.00 308.70 308.39

ntest 3GHz Spectrum Analyzer

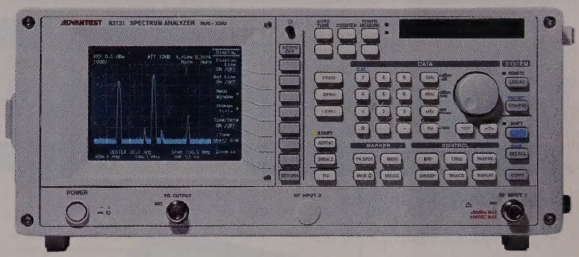


NTEST R3131A Spectrum Analyzers cover from 9kHz to 3GHz., a low noise floor of -Bm (at 30 Hz resolution bandwidth), and an array of standard features including GPIB ace, printer interface, and automated tests such as occupied bandwidth and adjacent el power. Options include tracking generator and rack mount kit

- ncy Range: 9 kHz to 3.0 GHz
- nce Frequency Accuracy: 2 x 10E-6/year
- ncy Span: zero span, 1 kHz to 3 GHz
- ncy Stability Residual FM: <=60 Hz p-p in 100
- tion Bandwidth Range: 1 kHz to 3 MHz (1-3-)
- Time: 20 ms to 1000 s
- ity: -132 dBm
- Reference Level Accuracy: 1.5 dBm
- Display Range: 8 div; 10 dB/div, 10 div; 1, 2, 5, dB/div
- Internal Attenuator: 30 dB
- Light weight (25lbs.), space -saving design
- Improved ease of use with auto-tune function
- Total level accuracy guaranteed by auto-cal function

n	Manufacturer Mfg. P/N Warranty	Spectrum Analyzers	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1	Advantest R3131A+95 1 year	ADVANTEST 9 kHz to 3.0 GHz spectrum analyzer.	7,200.00 30 13.64	7,164.00 7,128.00 7,092.00
1	Advantest R3131A-74 1 yr	ADVANTEST 9 kHz to 3.0 GHz spectrum analyzer with tracking generator.	10,360.00 30 13.64	10,308.20 10,256.40 10,204.60

Advantest 3G/8GHz Spectrum Analyzer



ADVANTEST R31XX series Portable Spectrum Analyzers from 9kHz to 8GHz, depending on model, provide easy viewing 6.5" TFT color display, a low noise floor of -132 dBm (at 30 Hz resolution bandwidth), and an array of standard features including GPIB interface, printer interface, and automated tests such as occupied bandwidth and adjacent channel power. Options include tracking generator, high stability time base, high speed time-domain sweep, and narrow resolution EMI bandwidth.

- Frequency Range:
- R3132: 9kHz to 3GHz / R3162: 9kHz to 8GHz
- Total level Accuracy +/- 1.5dB
- High speed measurements, 20 traces per second
- 6.5 inch TFT color LCD display
- 3.5 inch Floppy disk for data storage
- Preamplifier with Built in frequency counter
- Multiple Markers (<10)
- VGA output
- Split Screen Display
- Dimensions: 16.7" H x 7.0" H x 11.8" D

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Spectrum Analyzers	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
13090 1 EACH	Advantest R3132 1 Year	R3132 Spectrum Analyzer. 9kHz to 3GHz	12,200.00 46 20.91	12,139.00 12,078.00 12,017.00
13100 1 EACH	Advantest R3162 1 Year	R3162 Spectrum Analyzer. 9kHz to 8GHz	17,100.00 46 20.91	17,014.50 16,929.00 16,843.50
452082 1 EACH	Advantest R3162 +74 1 Year	R3162 +74 Spectrum Analyzer. 9kHz to 8GHz with Tracking Generator 3GHz	20,260.00 46 20.91	20,158.70 20,057.40 19,956.10
NEW 437397 1 EACH	Advantest R16080 1 Year	Hard Transit Case	902.00 46 20.91	897.49 892.98 888.47

Advantest Accessories

Accessories to enhance, protect, and expand the U3641/U3661 Spectrum Analyzers.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Spectrum Analyzers	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
39843 1 EACH	Advantest R16072 1 yr	Transit Case for U3641/U3661 Spectrum Analyzers.	1,082.00 10 4.54	1,076.59 1,071.18 1,065.77
39918 1 EACH	Advantest R16216A 1 yr	Soft Carry Case for U3641/U3661 Spectrum Analyzers.	451.00 2 0.91	448.75 446.49 444.24
39921 1 EACH	Advantest R16601 1 yr	Display Hood for U3641/U3661 Spectrum Analyzers. Improves visibility in direct sunlight.	68.00 0.5 0.23	67.66 67.32 66.98
39930 1 EACH	Advantest A02806 1 yr	Front Panel Cover for U3641/U3661 Spectrum Analyzers. Protects the front panel.	135.00 2 0.91	134.33 133.65 132.98
39941 1 EACH	Advantest PROPAC14BATT 1 yr	Rechargeable Nicad Battery for U3641/U3661 Spectrum Analyzers. Provides up to 1.5 hours of operation.	595.00 3 1.36	592.03 589.05 586.08
40031 1 EACH	Advantest A01434 1 yr	DC Power Cord for U3641/U3661 Spectrum Analyzers. 4-pin XLR to bare leads.	90.00 0.25 0.11	89.55 89.10 88.65

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Cable System Analyzers [760-10]

If you are buying these, you might need:

Coaxial Cable and Transmission Line ..... page 368
Tool Kits, Complete ..... page 1523
Wrenches ..... page 1581

Bird certified training is now available

Bird SA2500A Site Analyzer

Bird's Cellular/PCS Site Analyzer is a multi function site management tool designed to help do much more then simply repair broken cables or faulty antennas after the fact. The Site Analyzer combines ease-of-use with powerful measurement and data analysis to help perform predictive maintenance. PC software allows download to PC to analyze data for long-term assessment of system trends, problems, and performance. No options are needed for power measurement, just purchase an In-Line (5010) or Terminating (5011) power sensor.

- Includes: PC Tools Software, Battery, Soft Case, AC/DC Power Cords and the Instruction Manual
- Features: Color Display with backlight, Unlimited Trace Overlays, Cable List, 6 Markers, Limit Test
- Frequency Range: 780 MHz to 2500 MHz
- Sweep Tests and Fault Location displayed in either VSWR or Return Loss
- Saves 300 Measurement Traces with Alphanumeric Labeling
- Saves 15 Calibrated Setups
- Professional reporting and analysis software
- Data Transfer via 9-pin RS-232 connection
- Superior Immunity to on-frequency interference, +13dBm
- Field Replaceable lithium ion battery
- Digital Power Meter, requires the purchase of either the 5010 or 5011 power sensor

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
481121 1 EACH	Bird Electronics SA2500A+CAL-MN-B 2 Years	780-2500 Mhz, N/F Connector. Includes: SA2500A and the Calibration Component.	6,470.00 11 5	6,437.65 6,418.24 6,372.95
NEW 493311 1 EACH	Bird Electronics 5011 2 Years	BIRD Terminating Power Sensor is designed to make terminating power measurements (40 MHz to 4GHz). Can be used with the SA-series analyzers or the 5000 Series Power Meters	1,200.00 4 1.82	1,194.00 1,190.40 1,182.00
NEW 443315 1 EACH	Bird Electronics 5011EF 2 Years	BIRD Extended Frequency Terminating Power Sensor (EF) is designed to make terminating power measurements (40 MHz to 18GHz). Can be used with the SA-series analyzers or the 5000 Series Power Meters	1,300.00 11 5	1,293.50 1,289.60 1,280.50

Bird Electronic Corporation

Bird provides simple solutions for antenna and cable testing. These products also have power measurement options.

BIRD SA-4000 Site Analyzer

Bird's SA4000 Site Analyzer is the newest offering from it is designed to help do much more then simply repair ken cables or faulty antennas after the fact. The Site Ana combines ease-of-use with powerful measurement and analysis to help perform predictive maintenance. PC soft allows download to PC to analyze data for long-term as ment of system trends, problems, and performance. No options are needed for power measurement, just purcha In-Line (5010) or Terminating (5011) power sensor.

- Includes: PC Tools Software, Battery, Soft Case, AC/DC Power Cords and the Instruction Manual
- Features: Color Display with backlight, Unlimited Trace Overlays, Cable List, 6 Markers, Limit Test
- Frequency Range: 25 MHz to 4 GHz
- Sweep Tests and Fault Location displayed in either VSWR or Return Loss
- Saves 300 Measurement Traces with Alphanumeric Labeling
- Saves 15 Calibrated Setups
- Superior Immunity to interference, +13dBm
- Professional reporting and analysis software
- Data Transfer via 9-pin RS-232 connection
- Superior Immunity to on-frequency interference +13dBm
- Field Replaceable lithium ion battery
- Digital Power Meter, requires the purchase of ei the 5010 or 5011 power sensor

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 485383 1 EACH	Bird Electronics SA4000+CAL-MN-B 2 Years	25 MHz to 4 GHz, N/F Connector. Includes: SA-4000 and the required Calibration Component.	7,470.00 11 5	7,4 7,4 7,3

Bird Site Analyzer Accessories

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
24893 1 EACH	Bird Electronics 7002B870 1 Year	Hard shell transit case. Protects Site Analyzer and accessory items during transit.	225.00 3 1.36	22 22 22
NEW 463308 1 EACH	Bird Electronics 5A2431 1 Year	Replacement battery pack for the SA series Site Analyzer	315.00 1 0.45	31 31 31

Bird Site Analyzer Precision Adaptor

30583 68976 42548 94155

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
30583 1 EACH	Bird Electronics PA-MNME 1 Year	Precision connector adapter. N/M to 7/16 DIN/M.	175.00 1 0.45	17 17 17
68976 1 EACH	Bird Electronics PA-FNME 1 Year	Precision connector adapter. N/F to 7/16 DIN/M.	175.00 1 0.45	17 17 17
42548 1 EACH	Bird Electronics PA-FNFE 1 Year	Precision connector adapter. N/F to 7/16 DIN/F.	190.00 1 0.45	18 18 18
94155 1 EACH	Bird Electronics PA-MNFE 1 Year	Precision Adapter. N/M to 7/16 DIN/F.	190.00 1 0.45	18 18 18
NEW 441384 1 EACH	Bird Electronics 4240-400 1 Year	Bird Interstate Series RF Precision Adapter Kit, Includes 2 N/M & N/F and 1 each male and female of UHF, BNC, TNC with 5 couplers	190.00 8 3.64	18 18 18

NEW = New Listing. Pricing for reference See TESSCO.com for latest pricing and pro
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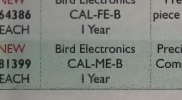
tinuing product table (2 of 2)

art No. y/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 70301 EACH	Bird Electronics 4240-550 1 Year	BIRD Precision 7/16 Din Adapter Kit includes 1each of the following: N(M) to 7/16 Din Male, N(F) to 7/16 Din Male, N(M) to 7/16 Din(F), N(F) to 7/16 Din(F), 7/16 Din(F) to 7/16Din(F), 7/16 Din (F)to 7/16 Din (male-right angle). Carrying Case is included.	550.00 1 0.45	547.25 545.60 543.13

Bird Calibration Components

art No. y/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 34365 EACH	Bird Electronics CAL-MN-B 1 Year	Precision open, short, load calibration combo. One piece tee design with N/M connectors. Use with SA series. 25 MHz to 4000 MHz.	575.00 0.39 0.18	572.13 570.40 566.38
NEW 77360 EACH	Bird Electronics CAL-FN-B 1 Year	Precision open, short, load, One piece "T" Calibration Component with N/F connectors. Use with SA-series. 25 MHz to 4000 MHz.	575.00 1 0.45	572.13 570.40 566.38
NEW 64386 EACH	Bird Electronics CAL-FE-B 1 Year	Precision open, short, load calibration combo. One piece "T" design with 7/16 DIN/F connectors. Use with SA-series. 25 MHz to 4000 MHz.	675.00 1 0.45	671.63 669.60 664.88
NEW 81399 EACH	Bird Electronics CAL-ME-B 1 Year	Precision open, short, load, One piece "T" Calibration Component with 7/16/M DIN/M connectors. Use with SA-series. 25 MHz to 4000 MHz.	675.00 1 0.45	671.63 669.60 664.88

ird Site Analyzer Armored Test Cables



art No. y/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
6653 EACH	Bird Electronics TC-MNMN-1.5 1 Year	Armored phase stable test cable. Extends the Site Analyzer test port 1.5 meters. Equipped with N/M connectors.	315.00 2 0.91	313.43 312.48 310.28
5046 EACH	Bird Electronics TC-MNMN-3.0 1 Year	Armored phase stable test cable. Extends the Site Analyzer test port 3 meters. Equipped with N/M connectors.	430.00 3 1.36	427.85 426.56 423.55
3439 EACH	Bird Electronics TC-MNMN-5.0 1 Year	Armored phase stable test cable. Extends the Site Analyzer test port 5 meters. Equipped with male Nconnectors.	580.00 5 2.27	577.10 575.36 571.30
1832 EACH	Bird Electronics TC-MNFN-1.5 1 Year	Armored phase stable test cable. Extends the Site Analyzer test port 1.5 meters. Equipped with 1 male N, and 1 female N connector.	315.00 2 0.91	313.43 312.48 310.28
0225 EACH	Bird Electronics TC-MNFN-3.0 1 Year	Armored phase stable test cable. Extends the Site Analyzer test port 3 meters. Equipped with one male N and one female N connector.	430.00 3 1.36	427.85 426.56 423.55
7011 EACH	Bird Electronics TC-MNFN-5.0 1 Year	Armored phase stable test cable. Extends the Site Analyzer test port 5 meters. Equipped with one male N and one female N connector.	580.00 5 2.27	577.10 575.36 571.30
5404 EACH	Bird Electronics TC-MNFE-1.5 1 Year	Armored phase stable test cable. Extends the Site Analyzer test port 1.5 metersEquipped with one male N and one female 7/16 DIN.	365.00 2 0.91	363.18 362.08 359.53
3797 EACH	Bird Electronics TC-MNFE-3.0 1 Year	Armored phase stable test cable. Extends the Site Analyzer test port 3 meters. Equipped with one male N and one female 7/16 DIN.	480.00 3 1.36	477.60 476.16 472.80
2190 EACH	Bird Electronics TC-MNFE-5.0 1 Year	Armored phase stable test cable. Extends the calibrated test port 5 meters. Equipped with one male N and one female 7/16 DIN.	630.00 5 2.27	626.85 624.96 620.55

Are you certified to sweep RF lines?

Line Sweeping and Spectrum Analysis. . . . . page 1402

Anritsu Single Port RF Site Master

The Site Master is designed to accurately locate and identify cable and antenna system faults. Measurement capabilities include return loss, VSWR, cable loss and distance-to-fault (DTF) analysis. Professional data analysis software is provided to enable the user to track system trends, problems and performance in addition to report generation.

463103

- Includes: Software tools, Battery, Soft Case, AC/DC Power Cords, Serial Cable and User's Guide
- Multilingual user interface, Enhanced Cable List, 6 Markers, Single/Segmented Limit Lines and Trace Overlays
- Frequency Range: 25 Mhz to 4 GHz
- Less than 4.9 lbs
- Industry leading immunity to on Channel RF interference
- Easy to use with On-Screen set-ups
- Saves up to 200 Measurement Traces
- Saves 10 Calibrated Set-Ups
- Alphanumeric Labeling of Saved Data
- Automatic Time and Date Stamp
- Distance measurement in feet or meters
- Options: RS-232/USB interface, Power Monitor (Opt.5)
- Power Monitor Option requires an RF Detector

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
462186 1 EACH	Anritsu S113C/1 1 Year	2MHz - 1.6GHz, N/F Connector. Includes: S113C and N/M Precision Calibration Components.	6,475.00 8 3.64	6,475.00 6,410.25 6,377.88
435124 1 EACH	Anritsu S113C/KIT 1 Year	2MHz - 1.6GHz, N/F Connector. Includes: S113C, N/M Precision Calibration Components, 1.5m Phase Stable Cable and Transit Case.	6,975.00 16 7.27	6,975.00 6,905.25 6,870.38
470122 1 EACH	Anritsu S113C/5/1 1 Year	2MHz - 1.6GHz, N/F Connector. Includes: S113C/5, N/M Precision Calibration Components and RF power monitor *(RF Detector NOT included)*.	6,925.00 8 3.64	6,925.00 6,855.75 6,821.13
470140 1 EACH	Anritsu S113CQ 1 Year	2MHz - 1.6GHz, N/F Connector. Includes: S113C/5, N/M Calibration Components, 1.5m Phase Stable Cable, 5400-71N50 RF Detector and Transit Case.	8,265.00 16 7.27	8,265.00 8,182.35 8,141.03
463103 1 EACH	Anritsu S331C/1 1 Year	25 MHz - 4 GHz, N/F Connector. Includes: S331C and N/M Precision Calibration Components.	7,475.00 8 3.64	7,475.00 7,400.25 7,362.88
437171 1 EACH	Anritsu S331C/KIT 1 Year	25 MHz - 4 GHz, N/F Connector. Includes: S331C, N/M Precision Calibration Components, 1.5m Phase Stable Cable and Transit Case.	7,975.00 16 7.27	7,975.00 7,895.25 7,855.38
462133 1 EACH	Anritsu S331C/PT 1 Year	25 MHz - 4 GHz, N/F Connector. Includes: S331C and 1-piece N/M "T" Precision Calibration Component.	7,475.00 8 3.64	7,475.00 7,400.25 7,362.88
461162 1 EACH	Anritsu S331C/ 7/16DIN PT 1 Year	25 MHz - 4 GHz, N/F Connector. Includes S331C and a 1-piece 7/16DIN/M "T" Precision Calibration Component.	7,625.00 8 3.64	7,625.00 7,548.75 7,510.63
425140 1 EACH	Anritsu S331C/5/1 1 Year	25 MHz - 4 GHz, N/F Connector. Includes: S331C/5, N/M Precision Calibration Components and Power Monitor Option *(RF Detector NOT included)*.	7,925.00 8 3.64	7,925.00 7,845.75 7,806.13
420135 1 EACH	Anritsu S331C/5/PT 1 Year	25 MHz - 4 GHz, N/F Connector. Includes: S331C/5, N male "T" Precision Calibration Component and Power Monitor option *(RF Detector NOT included)*.	7,925.00 8 3.64	7,925.00 7,845.75 7,806.13
456155 1 EACH	Anritsu S331CQ 1 Year	25 MHz - 4 GHz, Interference Immunity: N/F Connector. Includes:S331C/5, 1.5m Phase Stable Cable, Calibration Component, 5400-71N50 RF Detector and Transit Case.	9,265.00 16 7.27	9,265.00 9,172.35 9,126.03

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Anritsu Dual-Port RF Site Master

The Site Master S251C site management tool is designed to accurately locate and identify cable and antenna system faults. Measurement capability includes return loss, VSWR, cable loss and distance-to-fault (DTF) analysis. In addition, the S251C features a second port for antenna isolation and gain measurements. A selectable +6 dBm or -30 dBm output and optional Bias Tee enables users to conveniently verify Tower Mounted Amplifier (TMA) gain before and after installation. The S251C's patented RF interference rejection feature and high dynamic range (> 90 dB) enables the S251C to accurately measure antenna-to-antenna isolation in the presence of high RF activity. Data Analysis Software enables assessment of system trends, problems and performance in addition to professional report generation.

- Includes: Software Tools, Battery Pack, Soft Case, AC/DC Power Cables, Serial Cable and User's Guide
- Features: Multilingual User Interface, Enhanced Cable List, 6 markers, Single/Segmented Limit Lines and Trace Overlays
- Frequency Range: 625 MHz to 2500 MHz
- Lightweight at less than 4.9lbs
- Industry Leading Immunity to on channel RF interference
- Intuitive and easy to use with On-Screen Set-Ups
- Long Range High Resolution Fault Location
- High Dynamic Range
- Accurately Tests Tower Mounted Amplifiers
- Performs Isolation Tests
- RF Source: 625 MHz to 2500 MHz, 10 kHz Steps
- Saves 10 Calibrated Test Set-Ups
- Saves 200 Measurement Traces
- Alphnumeric Labeling of Saved Data
- Automatic Time and Date Stamp of Saved Data
- Distance Measurement in Feet or Meters
- RS-232/USB Interface
- Full Range of Market and Limit Functions
- Options: Power Monitor (Opt.5) and Built in Bias "T" (Opt.10A), 240ma
- Power Monitor Option requires an RF detector

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
411176 I EACH	Anritsu S251C-01 1 Year	625 - 2500 MHz, Includes: S251C and N/M Precision Calibration Components.	10,650.00 10 4.54	10,650.00 10,543.50 10,490.25
498146 I EACH	Anritsu S251C-01-05 1 Year	625 - 2500 MHz, Includes: S251C/5 (Power Meter Option) , N/M Precision Calibration Components *(RF Detector Not Included)*.	11,100.00 10 4.54	11,100.00 10,989.00 10,933.50
NEW 435321 I EACH	Anritsu S251C-01-10B 1 Year	625 - 2500 MHz, Includes: S251C/10B, N/M Precision Calibration Components and the Bias "T" Option.	11,100.00 10 4.54	11,100.00 10,989.00 10,933.50

Anritsu Site Master w/ Spectrum Analyzer

The Site Master models S114C and S332C site management tools are uniquely designed to accurately locate and identify cable and antenna system faults as well as perform spectrum analysis. Cable and antenna measurement capability includes return loss, VSWR, cable loss and distance-to-fault (DTF) analysis. Patented RF interference rejection enables accurate measurements in the presence of high RF activity. Spectrum analysis capability (100 kHz to 1.6 GHz in the S114C and 100 kHz to 3.0 GHz in the S332C) allows field engineers and technicians to solve RF problems such as coverage, interference and other path related problems. Data Analysis software enables assesment of system trends, problems and performance in addition to professional report generation. One Button Measurements: Channel Power, Occupied Bandwidth, Adjacent Channel Power and Field Strength.

- Includes: Software Tools, Battery Pack, Soft Case, AC/DC Power Cords, Serial Cable and User's Guide
- Features: Multilingual User Interface, Enhanced Cable List , 6 markers, Single/Segmented limit lines and Trace Overlays for on screen comparisons
- Frequency Range: See Table
- Industry Leading Immunity to RF interference(Sweep Applications)
- Intuitive and Easy to use with On-Screen Set-Ups
- Saves 10 Calibrated Test Set-Ups
- Saves up to 200 Measurement Traces
- Alphanumeric labeling of Saved Measurements
- Automatic Time and Date Stamp of Saved Data
- Distance Measurement in Feet and Meters
- Resolution Bandwidths: 10 kHz, 30 kHz, 100 kHz and 1 MHz
- Video Bandwidths: 3 kHz, 30 kHz, 100 kHz and 300 kHz
- Noise Floor < -97 dBm(>300 KHz)
- Dynamic Range > 65 dB On Sweep Analysis
- RS-232/USB Interface
- AM/FM DEMOD is not available on the S332C
- Options: Power Monitor (Opt.5)*(Requires RF Detector)

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
449144 I EACH	Anritsu S114C/1 1 Year	2 MHz - 1.6 GHz, N/F Connector. Built-in spectrum analyzer (100 kHz to 1.6 GHz), Includes: S114C and N/M Precision Calibration Components.	11,025.00 8 3.64	11,025.00 10,914.75 10,859.63
461176 I EACH	Anritsu S114C/5/1 1 Year	2 MHz - 1.6 GHz, N/F Connector. WITH PRECISION CALIBRATION COMPONENTS. Built-in spectrum analyzer (100 kHz to 1.6 GHz) Includes: S114C/5, N/M Precision Calibration Components and Power Meter Option *(RF Detector NOT included)*.	11,475.00 8 3.64	11,475.00 11,360.25 11,302.88
496158 I EACH	Anritsu S332C/1 1 Year	25 MHz - 4 GHz, N/F Connector. Built-in spectrum analyzer(100 kHz to 3.0 GHz), Includes S332C and N/M Precision Calibration Components.	12,525.00 8 3.64	12,525.00 12,399.75 12,337.13

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
494170 I EACH	Anritsu S332C/5/1 1 Year	25 MHz - 4 GHz, N/F Connector. Built-in spectrum analyzer (600 kHz to 3.0 GHz). Includes: S332C/5, N/M Precision Calibration Components and Power Monitor option *(RF Detector not included)*.	12,975.00 8 3.64	12,97 12,84 12,78

Anritsu
Discover What's Possible

Anritsu, one of the world's largest providers of technology solutions, including the new S820C Microwave Site Master Cable and Antenna Analyzers.

Anritsu Microwave Site Master

417351

The Site Master 800-series site management tool is designed to accurately locate and identify cable, waveguide and antenna syst faults. Measurement capability includes return loss, VSWR, cable and distance-to-fault (DTF) analysis. Patented RF interference re tion enables accurate measurements in the presence of high RF activity. Data analysis software enables assessment of system tre problems, performance in addition to professional report gener tion.

- Includes: Software tools, Battery Pack, Soft Case, AC/DC power cords, Serial Cable and Users Guide
- Frequency Range (see table)
- Handheld, Battery- Operated Design
- Lightweight at less than 4.9 lbs (including battery)
- Industry Leading Immunity to RF interference
- Intuitive and easy to use with on screen set ups
- Fast Sweep Tuning Mode for Waveguide Component/Alignment Testing
- Saves 10 Calibrated Test Set-Ups
- Saves up to 200 Measurement Traces
- Distance Measurement in Feet and Meters
- RS-232/USB Interface
- Options: Power Monitor (Opt.5)*(Requires RF Detector)
- Ask about Waveguide Calibration Components a Adapters

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW 487313 I EACH	Anritsu S810C 1 Year	3.3-10.5 GHz,-10dBm isolation. 1 MHz resolution. N/F connector. Requires Calibration Components	10,000.00 7.41 3.37	10,00 10,00 10,00
NEW 491310 I EACH	Anritsu S810C/5 1 Year	3.3-10.5 GHz,-10dBm isolation. 1 MHz resolution. N/F connector. Power meter option. Requires Calibration Components.	10,450.00 10 4.54	10,45 10,45 10,45
NEW 417351 I EACH	Anritsu S820C 1 Year	3.3 - 20 GHz,-10dBm Interference Immunity. 100 kHz resolution. K/F connector. Requires Calibration Components.	16,950.00 7.62 3.46	16,95 16,95 16,95
NEW 419321 I EACH	Anritsu S820C/5 1 Year	3.3 - 20 GHz,-10dBm Interference Immunity. 100 kHz resolution. K/F connector. Power Monitor option. Requires Calibration Components.	17,400.00 10 4.54	17,40 17,40 17,40

NEW = New Listing. Pricing for reference o
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RF & Microwave Network Analyzers & TDRs

nritsu Calibration Components

tra calibration components for use with the Site Master from Anritsu. Allow precision cali-
ation of the Site Masters before every use. Different connector configurations allow calibrat-
g at the end of phase- stable cables and/or adaptors.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
4175 ACH	Anritsu 1CN50 1 Year	InstaCal Calibration Module with lanyard, a one piece, single connection component with an N/M connector. 2 MHz to 4 GHz. Can only be used with single port "C" version Site Masters.	600.00 2 0.91	600.00 597.00 594.00
7687 ACH	Anritsu OSLNF50LF 1 Year	Precision Open, Short, Load , 1 piece T design with lanyard, N/F connectors. DC to 4GHz	575.00 1 0.45	575.00 572.13 569.25
3234 ACH	Anritsu OSLN50LF 1 Year	Precision Open, Short, Load. 1 piece "T" design with lanyard, N/M connectors. DC to 4GHz	525.00 0.42 0.19	525.00 522.38 519.75
9536 ACH	Anritsu SM/PL 1 Year	Precision Load with N/M connector. DC to 4GHz	325.00 0.17 0.08	325.00 323.38 321.75
7929 ACH	Anritsu 22N50 1 Year	Precision Short-Open with N/M connector. DC to 18 GHz	200.00 0.27 0.12	200.00 199.00 198.00
9512 ACH	Anritsu SM/PLNF 1 Year	Precision Load with N/F Connector. DC to 4GHz	350.00 0.1 0.05	350.00 348.25 346.50
7905 ACH	Anritsu 22NF50 1 Year	Precision Short-Open with N/F connector. DC to 18 GHz	225.00 1 0.45	225.00 223.88 222.75
7550 ACH	Anritsu 2000-767 1 Year	Precision Short-Open-Load with 7/16DIN/M connector. Unique "T" configuration. Shock resistant. DC to 4 GHz	675.00 1 0.45	675.00 671.63 668.25
5943 ACH	Anritsu 2000-768 1 Year	Precision Short-Open- Load with 7/16 DIN/F connector. Unique "T" configuration. Shock resistant. DC to 4 GHz	675.00 1 0.45	675.00 671.63 668.25

Anritsu Precision Adapters

Precision adapters are used with the Anritsu Site Master and the appropriate calibration components to introduce the minimum amount of error while still allowing you to mate to the right connector.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
22625 1 EACH	Anritsu 34NFNF50 1 Year	N/F to N/F adapter	400.00 0.15 0.07	400.00 398.00 396.00
98488 1 EACH	Anritsu 34NN50A 1 Year	N/M to N/M adapter	350.00 1.5 0.68	350.00 348.25 346.50
53846 1 EACH	Anritsu 510-96 1 Year	7/16 DIN/M to 7/16 DIN/M adapter	225.00 0.24 0.11	225.00 223.88 222.75
47858 1 EACH	Anritsu 510-90 1 Year	N/M to 7/16 DIN/F adapter.	190.00 0.25 0.11	190.00 189.05 188.10
86251 1 EACH	Anritsu 510-91 1 Year	N/F to 7/16 DIN/F adapter	190.00 0.2 0.09	190.00 189.05 188.10
21430 1 EACH	Anritsu 510-92 1 Year	N/M to 7/16 DIN/M adapter	175.00 0.24 0.11	175.00 174.13 173.25
46609 1 EACH	Anritsu 510-93 1 Year	N/F to 7/16 DIN/M adapter.	175.00 0.2 0.09	175.00 174.13 173.25
40632 1 EACH	Anritsu 510-97 1 Year	7/16 DIN/F to 7/16 DIN/F adapter	225.00 0.24 0.11	225.00 223.88 222.75

Microwave Calibration Components

Calibration Components are required for accurate Site Master readings. Choose the short, open, and load that match the type and termination of the transmission line or antenna under test.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
60335 1 EACH	Anritsu 28N50-2 1 year	Precision termination with N/M connector. Frequency range DC-18 GHz. 50 Ohms.	650.00 1 0.45	650.00 650.00 650.00
NEW 426171 1 EACH	Anritsu 28NF50-2 1 year	Precision Termination N/F Connector. Frequency range DC-18 GHz. 50 Ohms.	700.00 1 0.45	700.00 700.00 700.00
35929 1 EACH	Anritsu 28K50 1 Year	Precision Termination K/male connector. DC to 40 GHz. 50 ohm.	675.00 1 0.45	675.00 675.00 675.00
NEW 498376 1 EACH	Anritsu 28KF50 1 Year	Precision Termination K/F connector. DC to 40 GHz. 50 ohm.	700.00 1 0.45	700.00 700.00 700.00
35921 1 EACH	Anritsu 22K50 1 Year	Open/Short calibration component. K/male connector. DC to 40 GHz.	350.00 1 0.45	350.00 350.00 350.00
41600 1 EACH	Anritsu 23UA137 1 Year	1/8 Wavelength offset short. Frequency range 5.85- 8.20 GHz.	250.00 0.25 0.11	250.00 250.00 250.00
54814 1 EACH	Anritsu 24UA137 1 Year	3/8 Wavelength offset short. Frequency range 5.85- 8.20 GHz.	250.00 1 0.45	250.00 250.00 250.00
79993 1 EACH	Anritsu 26UA137 1 Year	Precision Waveguide Load. 5.85 - 8.2 GHz.	490.00 0.69 0.31	490.00 490.00 490.00

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Continuing product table (2 of 2)

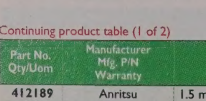
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
35891 1 EACH	Anritsu 23UA90 1 Year	1/8 Wavelength offset short. Frequency range 8.20 - 12.40 GHz.	180.00 1 0.45	180.00 180.00 180.00
35895 1 EACH	Anritsu 24UA90 1 Year	3/8 Wavelength offset short. Frequency range 8.20-12.40 GHz.	180.00 1 0.45	180.00 180.00 180.00
35902 1 EACH	Anritsu 26UA90 1 Year	Precision Waveguide Load. 8.20 - 12.40 GHz.	440.00 1 0.45	440.00 440.00 440.00
35892 1 EACH	Anritsu 23UA42 1 Year	1/8 Wavelength offset short. Frequency range 17.0-26.50 GHz.	180.00 1 0.45	180.00 180.00 180.00
35900 1 EACH	Anritsu 24UA42 1 Year	3/8 Wavelength offset short. Frequency range 17.0-26.50 GHz.	180.00 1 0.45	180.00 180.00 180.00
35906 1 EACH	Anritsu 26UA42 1 Year	Precision Waveguide Load. 17.00 - 26.50 GHz.	540.00 1 0.45	540.00 540.00 540.00

Microwave Site Master Adapters

The antenna or transmission line under test may not always have theright connector for your test. Use these precision adapters to connect your Site Master to the device under test.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
28386 1 EACH	Anritsu 35UA137N 1 Year	Waveguide to Coax adapter. 5.85-8.2 GHz.	400.00 1 0.45	400.00 400.00 400.00
35967 1 EACH	Anritsu 35UA90N 1 Year	Waveguide to Coax adapter. 8.20-12.40 GHz. N/M connector.	380.00 0.25 0.11	380.00 380.00 380.00
35991 1 EACH	Anritsu 35UA42K 1 Year	Waveguide to Coax adapter. 17.00-26.50 GHz. K/M connector.	500.00 1 0.45	500.00 500.00 500.00
36006 1 EACH	Anritsu 34RKNF50 1 Year	Ruggedized PrecisionAdapter. K/male to N/female. DC to 20 GHz.	400.00 1 0.45	400.00 400.00 400.00
36029 1 EACH	Anritsu K222B 1 Year	Precision Adapter K/Female to K/Female. DC to 40 GHz.	210.00 1 0.45	210.00 210.00 210.00

Anritsu Phase Stable Cables



Phase Stable Cables: These cables allow you to extend the test port of the Anritsu Site Master without adversely affecting the accuracy. Normal jumper cables can distort readings and cause errors when they are moved or the temperature changes. Connect the phase-stable cable to the Site Master, then perform the usual calibration procedure at the end of the cable. Three lengths available. Armored cable for durability.

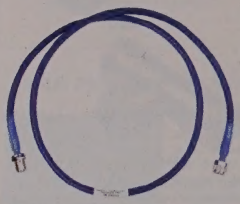
Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
412189 1 EACH	Anritsu 15NNF50-1.5C 90 Days	1.5 meter length. N-Male to N-Female , DC to 6 GHz, ARMORED CABLE.	315.00 0.75 0.34	315.00 313.43 311.85
435170 1 EACH	Anritsu 15NNF50-3.0C 90 Days	3 meters in length. N-Male and N-Female , DC to 6GHz, ARMORED CABLE.	430.00 1.18 0.54	430.00 427.85 425.70
497115 1 EACH	Anritsu 15NNF50-5.0C 90 Days	5 meters in length. N-Male and N-Female , DC to 6GHz, ARMORED CABLE.	580.00 5 2.27	580.00 577.10 574.20
475111 1 EACH	Anritsu 15NN50-1.5C 90 Days	1.5 meter length. N/M to N/M, DC to 6 GHz, ARMORED CABLE.	315.00 0.75 0.34	315.00 313.43 311.85
469138 1 EACH	Anritsu 15NN50-3.0C 90 Days	3 meters in length. N/M to N/M, DC to 6 GHz, ARMORED CABLE.	430.00 1.18 0.54	430.00 427.85 425.70
446179 1 EACH	Anritsu 15NN50-5.0C 90 Days	5 meters in length. N-Male and N-Male , DC to 6GHz, ARMORED CABLE.	580.00 5 2.27	580.00 577.10 574.20
467157 1 EACH	Anritsu 15ND50-1.5C 90 Days	1.5 meters in length, N/M to 7/16 DIN/M, DC to 6 GHz. ARMORED CABLE.	525.00 1 0.45	525.00 522.38 519.75

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
453170 1 EACH	Anritsu 15NDF50-1.5C 90 DAYS	1.5 meters in length N/M to 7/16 DIN/F, DC to 6 GHz. ARMORED CABLE.	525.00 1 0.45	525. 522. 519.
71481 1 EACH	Anritsu 15KKF50-1.5A 90 Days	1.5 meters in length. K(m) to K(F) DC to 26.5 GHz ARMORED CABLE.	695.00 1 0.45	695. 691. 688.
62634 1 EACH	Anritsu 15NNF50-1.5B 90 Days	1.5meter Length. N-Male to N-Female. DC-18 GHz. Impedence is 50 Ohms.	590.00 1 0.45	590. 590. 590.

SUCOFLEX 18GHz Mircowave Cables



SUCOFLEX low loss flexible microwave cable assem blies, high performance, reliability and stability. Silver- plated copper wire low density PTFE dielectric and f jacket, available in military approved versions. Ideal fo Test & Measurement applications, as Antenna cables, especially in harsh environments, and for use in labo tories, aircraft and nautical.

- Flexible Microwave Cables 18GHz
- Low insertions loss and VSWR
- High Isolation & Water Resistant

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
NEW 473122 1 EACH	Huber + Suhner SF1041IN1I1N1.5M 1 Year	1.5 meter Sucoflex Phase stable cable, N/M to N/M, DC to 18GHz	541.40 3 1.36	530. 525. 519.
NEW 479173 1 EACH	Huber + Suhner SF1041IN21N3.0 1 Year	3.0 meter Sucoflex Phase stable cable, N/M to N/M, DC to 18GHz	638.00 5 2.27	625. 618. 612.
NEW 433397 1 EACH	Huber + Suhner SF104P1IN21I7161.5 1 Year	1.5 meter Sucoflex Phase stable cable, N/M to 7/16 DIN/F, DC to 18GHz	460.00 3 1.36	450. 446. 441.
NEW 470189 1 EACH	Huber + Suhner SF1041IN217163.0 1 Year	3.0 meter Sucoflex Phase stable cable, N/M to 7/16 DIN/F, DC to 18GHz	638.00 5 2.27	625. 618. 612.
NEW 419179 1 EACH	Huber + Suhner SF1041IN21N1.5M 1 Year	3.0 meter Sucoflex Phase stable cable, N/M to N/F, DC to 18GHz	521.25 5 2.27	510. 505. 500.
NEW 485190 1 EACH	Huber + Suhner SF1041IN21SMA1.5M 1 Year	1.5 meter Sucoflex Phase stable cable, N/M to SMA/F, DC to 18GHz	490.95 3 1.36	481. 476. 471.
NEW 487316 1 EACH	Huber + Suhner SF1041IN4716N4427 1 Year	27 inch Sucoflex Phase stable cable, N/M to N/M(Right Angle), DC to 18GHz	273.90 5 2.27	273. 273. 273.

Anritsu RF Detectors

62681 17730 97479

When equipped with the optiona power monitor (option 5), the Si Master requires a power-sensor head. Choose the head that best matches the frequency range and connector type of your applicatio

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
NEW 464127 1 EACH	Anritsu 42N50-20 1 Year	20dB Attenuator, N/M to N/F, 50watt, Bi-directional , DC to 18 Ghz.	350.00 0.75 0.34	350. 348. 346.
62681 1 EACH	Anritsu 42N50A-30 1 Year	30dB Attenuator, N/M to N/F, 50watt, Bi-directional , DC to 18 Ghz	450.00 0.75 0.34	450. 447. 445.
36038 1 EACH	Anritsu 1N50C 1 Year	Power Limiter. Protects RF detectors from damaging power, N/M to N/F, 10 MHz to 20 GHz	725.00 1 0.45	725. 725. 725.
17730 1 EACH	Anritsu 5400-71N50 1 Year	RF Detector for Site Master, N/M, 1Mhz to 3Ghz	725.00 1 0.45	725. 721. 717.
97479 1 EACH	Anritsu 560-7N50B 1 Year	RF Detector for Site Master, N/M, 10 MHz to 20 GHz	1,300.00 1 0.45	1,300 1,300 1,300

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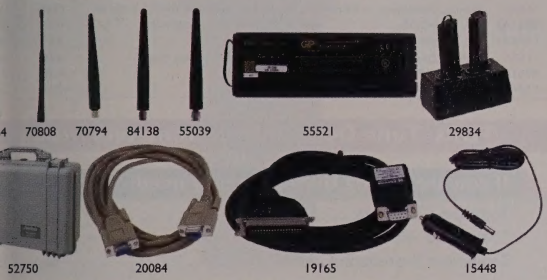
uing product table (2 of 2)

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
031 CH	Anritsu 560-7K50 1 Year	RF Detector for SiteMaster, K/M, 10 MHz to 40 GHz.	1,400.00 1 0.45	1,400.00 1,400.00 1,400.00

ritsu Site Master Accessories



essories to protect your Site Master and add to it's usefulness.

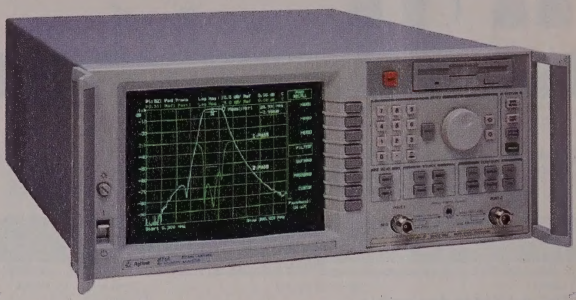
No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 330 CH	Anritsu 70-28 1 Year	Portable Headset	35.00 0.15 0.07	35.00 34.83 34.65
31 CH	Anritsu 1091-27 1 Year	SMA/F to N/M Adapter	120.00 0.25 0.11	120.00 119.40 118.80
64 CH	Anritsu 2000-1034 1 Year	Portable antenna for the handheld spectrum analyzer, 806-869 MHz SMA (m).	45.00 1 0.45	45.00 44.78 44.55
W 353 CH	Anritsu 2000-1200 1 Year	Portable antenna for the handheld spectrum analyzer, 806-869 MHz SMA (f)	45.00 1 0.45	45.00 44.78 44.55
08 CH	Anritsu 2000-1035 1 Year	Portable antenna for the handheld spectrum analyzer, 902-960 Mhz SMA (m).	45.00 1 0.45	45.00 44.78 44.55
94 CH	Anritsu 2000-1030 1 Year	Portable antenna for the handheld spectrum analyzer, 1.71 GHz to 1.88 GHz SMA (m).	45.00 1 0.45	45.00 44.78 44.55
38 CH	Anritsu 2000-1031 1 Year	Portable Antenna. 1.85ghz-1.99 GHz . SMA/M connector. Unity Gain Omni directional.	45.00 0.25 0.11	45.00 44.78 44.55
39 CH	Anritsu 2000-1032 1 Year	Portable Antenna. 2.4-2.5 ghz . SMA/M connector. Unity Gain Omni directional.	45.00 0.25 0.11	45.00 44.78 44.55
21 CH	Anritsu 633-27 1 Year	Rechargeable Battery for "B & C" Version SiteMasters and the 2711A & B Version Handheld Spectrum Analyzers.	145.00 0.75 0.34	145.00 144.28 143.55
34 CH	Anritsu 2000-1029 1 Year	Battery Charger for NiMH Battery, sku # 55521.	395.00 1.8 0.82	395.00 393.03 391.05
50 CH	Anritsu 760-215A 1 Year	Hard Transit Case for all Sitemaster models. Includes space for calibration components and accessories.	185.00 10.75 4.89	185.00 184.08 183.15
84 CH	Anritsu 800-441 1 Year	Serial Interface cable for all Site Masters and MS27xx series Spectrum Analyzerswith 9-pin Male connector. Female to Female DB-9.	50.00 1 0.45	50.00 49.75 49.50
65 CH	Anritsu 2000-753 1 Year	Serial to Parallel converter for Site Master and others. 9-pin female to 25- pin male.	135.00 0.56 0.25	135.00 134.33 133.65
V 80 CH	Anritsu 551-1691 1 Year	USB to RS-232 Adapter.	75.00 0.25 0.11	75.00 74.63 74.25
V 48 CH	Anritsu 806-62 1 yr	Automotive cigarette lighter 12 volt DC adapter.	35.00 2 0.91	35.00 34.83 34.65

Network Analyzers [760-50]

If you are buying this, you may need:

Equipment Protection Cases. . . . . page 1537
Wrenches . . . . . page 1581

Agilent 1.3GHz Network Analyzer

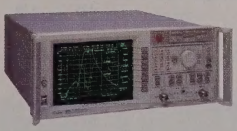


The Agilent 8712ET RF vector network analyzer provides speed, accuracy, and automation features in a compact, integrated instrument for RF component manufacturing, inspection, and maintenance. Features a built in transmission/reflection test set with full range of magnitude and phase measurements. Two independant channels measure and display in a variety of formats including complex impedance, SWR, and delay, on rectangular, polar, or Smith-chart displays. The analyzer also employs advanced vector-error-correction techniques to enhance measurement accuracy.

- Features:
- Frequency Range: 300 kHz - 1.3 GHz
- Source Accuracy: Less than 5ppm
- Source Resolution: 1 Hz
- Test Port Connectors: 50 Ohm or optional 75 Ohm Type-N Female
- 115 dB Dynamic Range
- Narrowband and Broadband Detection
- Minimum Narrowband Frequency: 300 Khz
- Minimum Broadband Frequency: 10 Mhz
- Real Time Sweep Speeds (40 ms/sweep)
- Standard LAN Interface

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 36354 1 EACH	Agilent Technologies 8712ET 3 year	Agilent 8712ET RF Network Analyzer. 300 kHz to 1.3 GHz.	11,485.00 59 26.82	11,485.00 11,473.52 11,462.03
44572 1 EACH	Agilent Technologies 8712ET-100 3 year	Agilent 8712ET RF Network Analyzer. 300 kHz to 1.3 GHz. with fault location and structural return loss option (Opt 100)	13,157.00 59 26.82	13,157.00 13,143.85 13,130.69

Agilent 3GHz Network Analyzer



The Agilent 8714ET RF network analyzer provides speed, accuracy, and automation features in a compact, integrated instrument for RF component manufacturing, inspection, and maintenance. Features a built in transmission/reflection test set with full rangeof magnitude and phase measurements. Two independant channels measure and display in a variety of formats including complex impedance, SWR, and delay, on rectangular, polar, or Smith-chart displays. The analyzer also employs advanced vector-error-correction techniques to enhance measurement accuracy.

- Features:
- Frequency Range: 300 kHz - 3.0 GHz
- Source Accuracy: Less than 5 ppm
- Source Resolution: 1 Hz
- Test Port Connectors: 50 Ohm or optional 75 Ohm Type-N Female
- 115 dB dynamic Range
- Narrowband and Broadband Detection
- Minimum Narrowband Frequency: 300 Khz
- Minimum Broadband Frequency: 10 Mhz
- Real Time Sweep Speeds (40 ms/sweep)
- Standard LAN Interface

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
96179 1 EACH	Agilent Technologies 8714ET 3 year	Agilent 8714ET RF Network Analyzer. 300 kHz to 3.0 GHz.	19,146.00 59 26.82	19,146.00 19,126.86 19,107.71
82965 1 EACH	Agilent Technologies 8714ET-100 3 year	Agilent 8714ET RF Network Analyzer. 300 kHz to 3.0 GHz. with fault location and structural return loss option (Opt 100)	20,818.00 59 26.82	20,818.00 20,797.19 20,776.37

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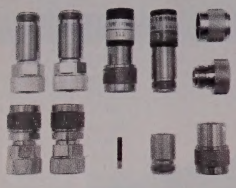
Agilent Analyzer Accessories



Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
18144 1 EACH	Agilent Technologies 8120-6469 1 year	Economy test cable for the 8712 and 8714 network analyzers. 24 inches long with N-male connectors on both ends.	110.00 2 0.91	110.00 109.89 109.78
94930 1 EACH	Agilent Technologies 85032E 1 year	Economy calibration kit for the 8712 and 8714 network analyzers. Contains a type-N (m) fixed termination and a one piece type-N (m) open/short circuit. Specified from DC to 6 GHz.	741.00 2 0.91	741.00 740.26 739.52
81716 1 EACH	Agilent Technologies 85032B	Calibration kit for the 8712 and 8714 network analyzers. Includes 7mm to 50 ohm type-N adapters, fixed terminations, open/short circuits in both sexes. Specified from DC to 6 GHz.	1,717.00 2 0.91	1,717.00 1,715.29 1,713.57

Coaxial Cable Assemblies

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 487178 1 EACH	Pomona Electronics 2885 1 year	BNC (M) to Alligator Test Clips, Length 7 in. gold plated contacts, Breakout cable.	12.25 0.25 0.11	12.2 12.0 11.6
NEW 469183 1 EACH	Pomona Electronics 4970 1 year	BNC (M) to 20 AWG Lead cable 7 in. gold plated.	8.20 0.25 0.11	8.1 8.0 7.7
NEW 453142 1 EACH	Pomona Electronics 5343-C-60 1 year	Retractable Sheath Banana Plug to BNC (M) nickel plated, RG58C cable, Length 5Ft.	19.60 0.25 0.11	19.5 19.1 18.6
NEW 476199 1 EACH	Pomona Electronics 1269 1 year	BNC(f) to Double Banana Plug	6.15 0.25 0.11	6.1 6.0 5.8

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 459149 1 EACH	Pomona Electronics 4524-C-60 1 year	BNC (M) to BNC (F) Length 5 Ft. RG58 cable with Molded Strain Relief, 50 ohm	18.20 0.25 0.11	18.16 17.80 17.26
NEW 417135 1 EACH	Pomona Electronics 4277-C-60 1 year	BNC to BNC (Female) Length 5 Ft. RG58 cable with Molded Strain Relief, 50 ohm	20.95 0.25 0.11	20.91 20.50 19.87
NEW 417199 1 EACH	Pomona Electronics 2249-C-72 1 year	BNC to BNC male RG58 cable, Length 6 Ft. with Molded Strain Relief, 50 ohm	15.60 0.25 0.11	15.56 15.25 14.79
NEW 455173 1 EACH	Pomona Electronics 5697-72 1 year	BNC to BNC male RG58 cable, Length 6 Ft., 50 ohm	9.70 0.25 0.11	9.69 9.50 9.21
NEW 494171 1 EACH	Pomona Electronics 6253-60 1 year	BNC to BNC male Push -on Connector and Molded Strain Relief Length 5 Ft. RG58 cable, 50 ohm	35.60 0.25 0.11	35.59 34.88 33.82
NEW 422177 1 EACH	Pomona Electronics 1367-C-60 1 year	BNC (M) to UHF (M) with Molded Strain Relief Length 5 Ft. RG58 cable, 50 ohm	20.30 0.25 0.11	20.30 19.90 19.29
NEW 468151 1 EACH	Pomona Electronics 4935-BB-60 1 year	BNC (M) to SMA (M) with Teflon Insulationed cable RG316, Length 5 Ft., 50 ohm	37.75 0.25 0.11	37.74 36.99 35.86
NEW 432183 1 EACH	Pomona Electronics 4528-K-60 1 year	SMA (M) to SMA (F), cable RG174, Length 5 Ft., 50 ohm, Gold plated contacts, Nickel plated body	43.50 0.25 0.11	43.50 42.63 41.33
NEW 495186 1 EACH	Pomona Electronics 5058-X-60 1 year	SMA (M) to Type N (M), cable RG142B, Length 5 Ft., 50 ohm Gold plated contacts, dieletric PTFE	60.20 0.25 0.11	60.18 58.98 57.18
NEW 427198 1 EACH	Pomona Electronics 1366-C-48 1 year	BNC (M) to Type N (M), cable RG58C, Length 4 Ft., 50 ohm Gold plated contacts	18.90 0.25 0.11	18.87 18.50 17.93
NEW 436150 1 EACH	Pomona Electronics 5187-K-60 1 year	BNC (M) to MiniGrabber Test clips, cable RG174 Length 5 Ft. with Molded strain relief, Gold plated contacts.	22.45 0.25 0.11	22.44 22.00 21.32
NEW 445195 1 EACH	Pomona Electronics 5187-K-24 1 year	BNC (M) to MiniGrabber Test clips, cable RG174 Length 2 Ft. with Molded strain relief, Gold plated contacts.	21.45 0.25 0.11	21.42 21.00 20.35
NEW 435189 1 EACH	Pomona Electronics 4531-C-60 1 year	BNC (M) to Alligator Clips, RG58C cable, Length 5 Ft., nickel plated with strain relief.	16.50 0.25 0.11	16.47 16.15 15.65
NEW 482135 1 EACH	Pomona Electronics 3789 1 year	BNC (M) to MiniGrabber Test Clips, Length 7 in. gold plated contacts, Breakout cable.	10.75 0.25 0.11	10.71 10.50 10.18

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 487178 1 EACH	Pomona Electronics 2885 1 year	BNC (M) to Alligator Test Clips, Length 7 in. gold plated contacts, Breakout cable.	12.25 0.25 0.11	12.2 12.0 11.6
NEW 469183 1 EACH	Pomona Electronics 4970 1 year	BNC (M) to 20 AWG Lead cable 7 in. gold plated.	8.20 0.25 0.11	8.1 8.0 7.7
NEW 453142 1 EACH	Pomona Electronics 5343-C-60 1 year	Retractable Sheath Banana Plug to BNC (M) nickel plated, RG58C cable, Length 5Ft.	19.60 0.25 0.11	19.5 19.1 18.6
NEW 476199 1 EACH	Pomona Electronics 1269 1 year	BNC(f) to Double Banana Plug	6.15 0.25 0.11	6.1 6.0 5.8

TDRs Time Domain Reflectometers [760-60]

If you are buying these, you may need:

Tool Kits, Complete. . . . . page 152
Tool Cases without Tools . . . . . page 153
Equipment Protection Cases. . . . . page 153

HARRIS TDR with tone generator

The TS100 Cable Fault Finder is three tools in one: Locate distance to opens or shorts: 2) measure cab on a real: 3) patented power tone genertor provide tones to short the far end and hear a change in ton when the correct pair has been identified. Features single button operation. Additional high voltage det tion, moisture proof housing, LED screen, auto-com pensation impedance range (25 to 330 ohms) Min. cable length is 2 ft. max. length 3000 Ft. cable type dependent.

- Large LED screen and easy menu
- Range 3000 Ft. Distance Accuracy +/- 1% of reading. Readout in Feet.
- Moisture proof
- Power: 4 AA (50 hours) 5 minute auto-off
- Dimensions: 7.4" X 1.5" X 2.75"

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
80479 1 EACH	Harris Corporation 26500-500 1 year	Cable Fault Finder w/ BNC to Banana to Bed-of-Nails Clips	398.00 1.5 0.68	287. 280. 278.
NEW 463326 1 EACH	Harris Corporation 26501-160 1 year	Nylon Pouch w/ Belt Clip	26.90 0.5 0.23	19.4 18.5 18.5

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RF & Microwave Network Analyzers & TDRs

plett Graphical TDR

raphical TDR with 5 ranges, 3 selectable impedance ranges (50, 75 & 100) that will locate ts up to 10,000 feet away.

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 179 CH	Triplett 3271 1 year	Cable Fault Finder (TDR) with built in tone generator	349.00 5 2.27	349.00 345.51 342.02
126 CH	Triplett 3272 1 year	The Triplett 3272 graphical TDR is designed to detect and locate faults up to a distance of 9600 ft.	699.00 1.5 0.68	699.00 692.01 685.02
W 117 CH	Triplett 3273 1 year	LAN Cable fault finder with built in tone generator. Identifies common wiring faults and includes two remote units for wiremapping.	399.00 5 2.27	399.00 395.01 391.02

A Graphical TDR/Cable Fault Finder

The CableMate is a Time Domain Reflectometer (TDR) that allows the user to detect and locate faults in real time in cables ranging from 16 to 2000 feet. It can resolve two faults less than 10 feet apart, eliminating guesswork. It also supports 70 standard cable types in ROM for quick settting selection. 15 plot memory. Built-in balun with BNC/F and standard binding post connections. RF filter gives the CableMate excellent immunity from RF interference. Use the RS-232 port and optional Cable Director windows software to download and store plots. Run on 6 AA batteries. Hand-held for easy use.

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
61 CH	AEA 5011-5000 1 year	CableMate TDR. 16 to 2000 feet. Binding post and BNC/F connectors Optional SW 465125	399.95 2.05 0.93	397.95 395.96 393.96
90 CH	AEA 5001-1002 1 year	Carry case for CIA and Cablemate meters. for CellMate case see sku 493053	29.95 0.47 0.21	29.80 29.66 29.51
W 180 CH	AEA 5005-1201 N/A	VIA & CIA Director Software for use the CellMates Analyzer. Includes RS-232 cable Download, display, and store traces. Requires Windows 95/98/2000	59.95 2 0.91	59.65 59.36 59.06

Riser Bond 1550

The model 1550 is a low cost waveform TDR with a maximum range of 9,800 ft. Its waterproof housing, large backlit display and one-handed design design make it ideal for outside plant applications.

- Unit Includes:
- Operator's Manual
- Weatherproof Shoulder Bag
- Six AA Batteries

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
427069 1 EACH	Riser Bond Instruments 000-1550-15 1 year	A low cost waveform TDR designed for telephone cable troubleshooting.	1,095.00 2 0.91	1,089.53 1,089.53 1,089.53
456035 1 EACH	Riser Bond Instruments 000-1550-20 1 year	A low cost waveform TDR designed for CATV troubleshooting with 75 ohm test cables.	1,095.00 2 0.91	1,089.53 1,089.53 1,089.53

Biddle Hand-Held TDR

The Biddle hand-held TDR is designed to test virtually all types of cable including twisted pair, coaxial, parallel conductors and concentric neutral and provides the user with the ability to perform fault diagnosis. The CFL510E is specifically designed for both the communication and power industry. Telephony transmission realted problems include bridge taps and splices, presence of water, open tip, ring, or sheath, load coals and capacitive networks. Designed to be carried on the lineman's belt as the first line of defence when diagnosing and locating faults. Ideal for CATV and cellular for testing the physical intergrity of cables within a network.

- Six ranges for testing cellular, CATV, telephone and power cables
- 25, 50, 75, and 100 ohm output impedance
- TDR Range from 0.3 FT to 9,000 FT
- Accuracy +/- =1.0% of range
- Large backlit LCD graphical display
- Four gain setting per range to amplify trace
- Balance control nulls initial trasmitted pulse allowing detection of close faults
- Dimensions: 9.0" H x 4.5" W x 1.8" D Weight 1.32 lbs.
- Power: 6 AA batteries 25 Hours of use
- Connectors: Two 4 mm-safety terminals with 6.5 FT leads

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
457036 1 EACH	Megger CFL510E 3 year	Hand-Held TDR Includes: Bed-of-Nails test lead set, Carry pouch and manual	1,450.00 12 5.45	1,450.00 1,450.00 1,450.00

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Tempo TelScout Cable Tester

The TS90 is designed for ease-of-use simply select the cable type and measure, impedance, Vp, Gain, Pulse Width and Vertical position are automatically adjusted as you scan the cable. Just move the cursor to the fault to pinpoint its location. Employs optimized pulsing and sampling coupled with advanced filtering and signal processing techniques to insure maximum measurement range. Designed for twisted pair telephony maintenance and repair to locate intermittent faults and distance to load coils.

- Dual (two) Pair Test Capability
- Large Back-lit Display Easy one-step setup
- Fault Location upto 10,000 ft.
- Rugged Weather Proof construction
- Accuracy: +/- 3ft. at 10,000 ft.
- Power: 6 AA batteries
- Dimensions: 5.6" x 8.3" x 1.8" Weight: 2.2 lbs.
- Includes: Test leads, Carry Case, Batteries and Manual
- Options: Re-chargeable NiCad Battery Pack and Charger

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	TEMPO	TelScout TDR Cable Tester for Telco applications, Fault	1,495.00	1,495.00
462320	TS90	location 10K ft.	8	1,480.05
1 EACH	1 Year		3.64	1,465.10

Riser Bond 3300

The model 3300 is a TDR that will test twisted pair cable. It Can be used for troubleshooting, testing, and preventative maintenance. This unit has dual input connectors and has the ability to compare two live pairs or the simultaneous display of stored and live waveforms.

- Unit Includes:
- Operator's Manual
- 120 VAC Charger
- Nylon Carry Case
- Telco Test leads
- Dual Input Connectors
- Rechargeable NiMH battery provides up to 10 hours of continuous service
- Input protection: 400v
- Range: 63,700 ft

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
424062	Riser Bond Instru-	A handheld TDR designed for twisted pair applications.	1,795.00	1,786.03
1 EACH	ments 000-3300-00	It features a splashproof case and a rechargeable Nickel	3	1,786.03
	1 year	metal hydride battery.	1.36	1,786.03

Biddle Cable Fault and Verification TDR

The CFL800E provides a simple, practical approach can address a wide range of applications including verification, exsisting cables can be pre-qualified fo ital service such as ISDN, HDSL, or ADSL. Signal a uation and cancellation are due to reflections, cros and random electrical noise from the environmen affecting xDSL implementation. Common mode impairments are found on all loops. Detect and re load coils to introduce digital services to a loop. In mode low resistance cable faults and open circuits be located using pulse matching, pulse reflection ar cation, and Tx Null technology ensures locating th closest and most elusive faults. Brige mode locates resistance faults and loop resistance measurement used to qualify digial services. Housed in a tough A housing and offers IP54 protection.

- TDR measurements ranges from 30ft to 9,000 ft (3000m) full scale
- Automatic resistance bridge measurement range up to 300,000 ft
- Used on Power, Telecom, Coaxial, and Datacom Cables
- Applications: LAN and Premise wiring, CATV, Aircraft wiring
- Voltage measurements +/-250Vdc +/-1.0% Accuracy
- Bridge Resistance 0 to 2000 ohms
- Insulation Resistance Range 200 Mohms
- Backlight Display Power: 6 x AA alkali
- Dimensions: 9.05"H x 4.5"W x 1.88"D
- Connectors 4x 4mm Safety terminals

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
458068	Megger	Hand-Held Cable Fault Locating and Verfication Tester	2,100.00	2,10
1 EACH	CFL800E	Includes: TDR and Bridge bed-of-nails alligator test lead	12	2,10
	3 year	sets, Carry pouch and manual	5.45	2,10

Biddle Dual Port TDR

The CFL535E is an advanced instrument capable o identifying a wide range of cable faults using TDR t nology. Provides fast and accurate results when un ering transmission related problems such as taps o branches, load coils and transformers, capacitor ne works, splices, water saturation, and crosstalk. Dua input and output ports provide Comparisons of go pair to a faulty pair and display the difference, locat crosstalk by transmitting on one pair and receiving another. Store and reproduce traces using the 15 i nal memories. Balanced input and output ports pro significant reduction in common mode distortion, occurence common with twisted pair cable.

- Dual Input and Output ports
- RS-232 interface to a PC or Printer with 15 internal memory positions
- TDR Ranges from 150 ft to 48,000 ft.
- Resolution 4in. @ 600ft. 8in. @ 1200 ft and 0.1% of ranged over 12000 ft.
- Display: 256 x 128 pixel, high definition, backlit graphics LCD
- Trace averaging allows for improved fault locatin noisy cables
- Dimensions: 9.8" H x 7.9" W x 4.3" D Weight 3.2 lbs.
- Power: six (AA) batteries with low battery indic
- Connectors Two pair of 4 mm safety terminals

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
415091	Megger	Biddle 535E General Purpose TDR Range up to 48,000	2,750.00	2,75
1 EACH	CFL535E	FT. Includes: Bed-of-Nails test lead set, carry pouch	15	2,75
	3 year	with strap, and manual	6.82	2,75

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iser Bond Coax & Twisted Pair TDR

The model 1270 is a combination TDR that will test both twisted pair, and coaxial cable. There are no complicated menus. Every key has a function and every function has a key. Can be used for troubleshooting, testing, and preventative maintenance. Includes automatic fault severity calculation. Features an RS-232 port with WAVE-VIEW software for Windows standard. Uses exclusive SUPER-STORE waveform data storage.

rt No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1255 EACH	Riser Bond Instruments 1270A 1 year	Twisted pair and coax TDR. Max range 63,000 ft. RS-232, Auto severity calculations. WAVE-VIEW software.	3,495.00 8 3.64	3,477.53 3,477.53 3,477.53

ektronix 1502C TDR

Long range, high resolution fault locator. Designed to quickly and easily locate opens, shorts, crimps, water damage, frays and faulty taps. Rugged & portable, designed for field use. Menu-Driven operation for easy set-up. Help screens aid in instrument operation. Waveform storage for 1 waveform. Information screens provide cable impedance and Vp values. Distance measurements in feet & meters. Digital filtering reduces displayed noise. Vertical & horizontal delta modes allow easy delta measurements. Includes: accessory pouch, front cover, slide rule, spare fuse, 50 ohm BNC terminator, precision 93 ohm cable, BNC Female to female apter, AC power cord, battery, manual, and traceable calibration cert.

rt No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
5257 EACH	Tektronix 1502C 1 year	Short range (2000') W/Traceable Ultra high Calibration Cert. resolution (0.004') multiple fault locator, 110V/batt.	11,330.00 17 7.73	11,273.35 11,216.70 11,160.05

ser Bond 6000

The Riser Bond 6000. A multi function meter that combines diagnostic and fault location capabilities into one instrument.

- lti-Meter: AC/DC Volts and Resistance
- ulation Resistance
- Quality Tests: Loop Current, Noise, Power luence and Balance
- Resistance Fault Locator
- Time Domain Reflectometer

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
0189 EACH	Riser Bond Instruments 000-6000-00 1 year	RISER-BOND TDR/CFL 6000 W/12Vdc charger, nylon case, shoulder strap, 2 telephone leads, ground lead, shorting strap, and VOP card.	3,995.00 10 4.54	3,975.03 3,975.03 3,975.03

Antenna Testers, SWR Meters [490-10]

If you are buying these, you may need:

Tool Boxes . . . . . page 1651
Flashlights . . . . . page 1654

Helper Matchbox Antenna/SWR Testers

17372

The matchbox series of SWR testers provide accurate measurements of Match Efficiency and SWR on an analog scale. Test your antennas on both the transmit and receive frequencies using the internal RF source. Powered by alkaline batteries. Includes connector types N, Mini UHF, BNC and TNC.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Freq. Range, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
17372 1 EACH	Helper Instruments MB800 1 yr	775 MHz to 1025 MHz SWR Meter	795.00 5.24 2.38	791.03 787.05 783.08
55765 1 EACH	Helper Instruments MB800A 1 yr	775 MHz to 1025 MHz with Rechargeable Batteries	1,195.00 8 3.64	1,189.03 1,183.05 1,177.08

AEA Graphical Antenna Analyzers

Tuning antennas for the lowest VSWR can be a difficult and lengthy process. AEA's handheld Antenna Analyst will simplify this process. Simply enter the desired frequency range on the keypad & connect it to the antenna. The graphic plot of the VSWR vs. Frequency will be displayed, adjustments can be made, and results can be viewed on-the-spot. 15 plot memories. Battery operated 6 AA batteries.

- Frequency Ranges: 100kHz to 1 GHz

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Freq. Range, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
72483 1 EACH	AEA 5013-5000 1 year	100kHz to 54 MHz VIA Analyst Complex Antenna Tester, Graphical display of Impedance, Reactance, Resistance and SWR. Software optional! SKU 40497	599.95 2.14 0.97	596.95 593.96 590.96
40330 1 EACH	AEA 5006-5001A 1 Year	140MHz to 525 MHz, Analyst Graphic Antenna Analyzer. VSWR, return loss on graphic LCD display. Software optional SKU 488024	599.95 2 0.91	596.95 593.96 590.96
40242 1 EACH	AEA 5005-5000 1 Year	30-150 MHz, Analyst Graphic Antenna Analyzer. VSWR, return loss on graphic LCD display. Software optional! SKU 488024	499.95 2 0.91	497.45 494.96 492.46
488024 1 EACH	AEA 5005-1201 1 year	Analyst Software Includes RS-232 cable, download, display, and store traces. Requires Windows 95/98/2000	59.95 2 0.91	59.65 59.36 59.06
40467 1 EACH	AEA 5013-1201 1 year	VIA & CIA Director Software for use the CIA-HF and VIA Analyst. Includes RS-232 Cable Download, display, and store traces. Requires Windows 95/98/2000	59.95 2 0.91	59.65 59.36 59.06
40344 1 EACH	AEA 5009-5000 1 Year	806MHz to 960 MHz Cellmate Graphical Antenna Analyzer Optional SW sku 465125	499.95 2 0.91	497.45 494.96 492.46
NEW 457393 1 EACH	AEA 6010-5000 1 Year	600-1000 MHz Graphical Antenna Analyzer w/Signal Generator optional SW 465125	899.95 2 0.91	895.45 890.96 886.46
NEW 465125 1 EACH	AEA 5001-1201 N/A	CellMate Software SWR Includes RS-232 cable Download, display, and store traces. Requires Windows 95/98/2000	69.00 2 0.91	68.66 68.31 67.97

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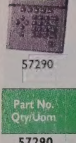
Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Freq. Range, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
40356 1 EACH	AEA 5001-0201 1 Year	120 VAC wall adapter for all AEA Antenna Analysts. 12VDC, 600 mA.	19.95 0.5 0.23	19.85 19.76 19.66
493053 1 EACH	AEA 5001-1002B 1 Year	Vinyl zipper case with belt loop for all AEA analyst models.	32.50 1 0.45	32.34 32.18 32.02

Bird Antenna Tester



57290

A self-contained RF source to precisely set the test frequency. No external transmitter is needed. Two modes of operation: swept, for sweeping the antenna between two frequencies, and single, for determining antenna performance at one particular frequency. IT has an LCD screen and programmable pass/fail limits, audible alert, on screen plot of VSWR swept measurements, RS232 interface. Portable, Rugged, non-skid case . 110Vac.

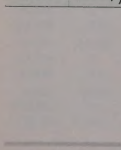
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Freq. Range, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
57290 1 EACH	Bird Electronics AT-800 1 yr	806 - 960 MHz SWR Meter,	1,340.00 2.94 1.34	1,335.98 1,331.96 1,326.60
67030 1 EACH	Bird Electronics AT-400 1 yr	80 - 520 MHz SWR Meter,	1,340.00 3.1 1.41	1,335.98 1,331.96 1,326.60
35623 1 EACH	Bird Electronics AT-100 1 yr	2 - 136 MHz SWR Meter	1,340.00 3.05 1.39	1,335.98 1,331.96 1,326.60
48241 1 EACH	Bird Electronics 7000A850 1 yr	Soft sided carrying for AT series testers.	75.00 3 1.36	74.78 74.55 74.25
73420 1 EACH	Bird Electronics 5A2238-1 1 yr	Cigarette lighter adapter.	30.00 3 1.36	29.91 29.82 29.70
460143 1 EACH	Bird Electronics 7000A145 1 yr	Calibration Verification Kit for the AT-100	275.00 0.33 0.15	273.63 272.80 271.57
498101 1 EACH	Bird Electronics 7000A445 1 yr	Calibration Verification Kit for the AT-400	275.00 0.33 0.15	273.63 272.80 271.57
86634 1 EACH	Bird Electronics 7000A845 1 yr	Calibration Verification Kit for the AT-800	275.00 0.33 0.15	273.63 272.80 271.57
99848 1 EACH	Bird Electronics 7000A840 N/A	Bird's Windows based software, upload data via the serial communication link for analysis and storage	130.00 1 0.45	129.61 129.22 128.70

SWR Meter Accessories [490-20]

If you are buying this, you may need:

Tool Kits, Complete . . . . . page 1523
Tool Cases without Tools . . . . . page 1531
Equipment Protection Cases . . . . . page 1537
Flashlights . . . . . page 1654

Calibration Kit for Matchbox



42551

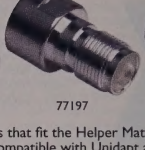
Set of calibrated loads and adapters to allow verification and recalibration of Helper Matchbox series Antenna Testers.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
42551 1 EACH	Helper Instruments MBACC2 1 year	Calibration kit. Works on all Helper Matchboxes. Also works with Bird AT-800.	195.00 1 0.45	194.03 193.05 192.08

Replacement Connectors

29337

18621



77197

95407

67730

Universal Connectors that fit the Helper Matchboxes and Bird AT ser of antenna testers. Compatible with Unidapt and others.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
29337 1 EACH	Helper Instruments 12.003.2 1 year	UHF-Female Connector	12.00 0.04 0.02	11.9 11.8 11.8
18621 1 EACH	Helper Instruments 12.003.4 1 year	BNC-Female	12.00 0.05 0.02	11.9 11.8 11.8
77197 1 EACH	Helper Instruments 12.003.8 1 year	TNC-Female Connector	12.00 0.05 0.02	11.9 11.8 11.8
95407 1 EACH	Helper Instruments 12.003.10 1 year	Mini UHF-Female connector	12.00 0.05 0.02	11.9 11.8 11.8
67730 1 EACH	Helper Instruments 12.003.6 1 year	N-Female Connector	9.00 0.2 0.09	10.3 10.3 10.3

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Power Meters [460-10]

If you are buying these, you may need:

Tool Kits, Complete . . . . . page 1523
Tool Cases without Tools . . . . . page 1531
RF & Microwave Test Equipment . . . . . page 1402

RD VSWR MONITOR/ALARM

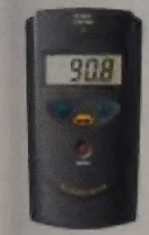
65034

Bird's 7005A-series provides a reliable,continuous check of wireless site performance and abnormal VSWR which can indicate antenna and cable performance problems. Control Channel transmit failure may also be indicated by the units low power alarm feature, that can be toggled on or off. Remote capability enables multiple sites to be monitored from a single location. True average power reading with intelligent VSWR trend analysis eliminates false alarms. The software package permits an MS-Windows compatible PC to display a variety of measured and calculated values. The software also allows you to set the VSWR Alarm threshold, toggle on/off low power alarm and clear alarms.

- er Measurement Range: 25W to 500W
- Input Power: 750 W average, 3.0:1 VSWR
- VR: 1.07:1 max
- ale DB-9, compatible with IBM PC-type serial t
- ware Package displays calculated values : vard power in watts and dBm ected power in watts
- Reflection coefficient
- Transmitted power efficiency in percent
- Return loss in dB
- VSWR
- VSWR Alarm
- Low Power Alarm

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 362 CH	Bird Electronics 7005A890 1 Year	VSWR Monitor Alarm (851 to 869 MHz)	950.00 3 1.36	945.25 942.40 935.75
W 34 CH	Bird Electronics 7005A800	VSWR Monitor Alarm (869 to 894 MHz)	950.00 3 1.36	945.25 942.40 935.75

Technologies RF Power Meter

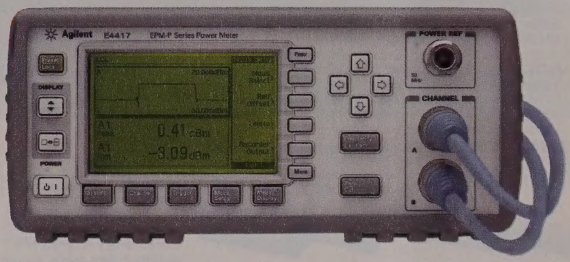


The LP Technologies LPT2010A gives you a high quality, low-cost RF power meter. Simple to use, just select the power range, press the Zero button, attach the RF signal source and read the power level. The 2 GHz bandwidth means you don't have to change heads to go from IF to carrier frequencies. It's small, lightweight, and powered by an internal battery. Model LPT-2010P provides pulse power measurements with a 10 micro second response for digital power applications.

- uency Range: Model 2010A 10 MHz to 2 GHz: del 2010P 10MHz to 2.45GHz (usable 100 KHz 7 GHz)
- er Range: 1.999mW, 19.99mW, 199.9mW, 9mW
- uracy: +/- 10% of Full Scale
- r Zero/ Meter Hold buttons
- 3 1/2 digit LCD display
- Recessed Type N female connection
- Maximum input/protection, 500 mW continuous/ 1 W/ 10 seconds
- Internal Battery
- High-impact, rugged design case (3.5"W x 6.3"H x 1.8"D) Weight less than 1 Lb.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
32 CH	LP Technologies LPT2010A 1 yr	Broad Range Power Meter. 10 MHz to 2 GHz. 1.999 mW to 1.999 W (full scale).	470.00 2.5 1.14	467.65 465.30 462.95
83 CH	LP Technologies LPT2010P-2.5 1 yr	Broad Range Handheld Peak RF power meter. 10 MHz-2.45 GHz. 1.999 mW-1.999 W. N/Female connection usable range 100KHz to 2.7GHz	560.00 1.02 0.46	557.20 554.40 551.60

Agilent Peak and Average Power Meters

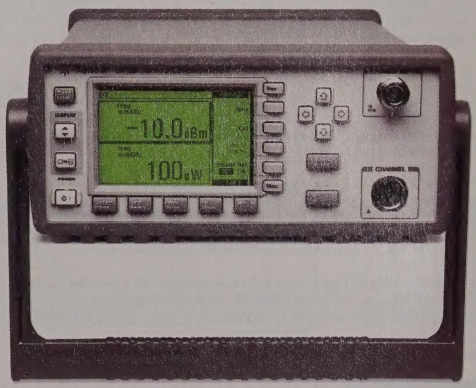


Single and dual Channel Peak and Average Power Meters. They are Compatible with both the 8480 series and the E series sensors including the CW, E9300 and 9320.

- Frequency Range: 10 Mhz to 26.5 Ghz (sensor dependent)
- Power Range: -70 dBm to +44 dBm (sensor dependent)
- Calibration Factors stored in EEPROM

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
457120 1 EACH	Agilent Technologies E4416A 3yrs	Single-Channel Peak and Average Power Meter. Use with the 9320 series of power sensors for peak and average power measurements.	4,101.00 20 9.09	4,101.00 4,096.90 4,092.80
499180 1 EACH	Agilent Technologies E4417A 3 yrs	Dual-Channel Peak and Average Power Meter. Use with the 9320 series of power sensors for peak and average power measurements.	6,447.00 20 9.09	6,447.00 6,440.56 6,434.11

Agilent Power Meters



The Agilent EPM Series, High performance programmable power meters that are designed for bench, field, and automatic test equipment use. Makes fast, accurate and repeatable power measurments.

- Frequency Range: 100 kHz to 90 GHz
- Power Range: -70 dBm to +47 dBm (sensor dependent)
- >600 continuous readings/second
- Ruggedized Housing
- Backlit LCD display
- 10 Storage Registers
- GPIB Interface, IEEE488.2 and IEC-625
- Conformity to CE Standards
- Triggering Controls
- Burst Profile Graphics Display
- Power vs Time Graphics Display

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
91509 1 EACH	Agilent Technologies E4418B 3 Years	Single-Channel Power Meter. Includes one 11730A 1.5 m sensor cable.	3,158.00 20 9.09	3,158.00 3,154.85 3,151.69
90557 1 EACH	Agilent Technologies E4418B+001 3 Years	Single-Channel Power Meter. Includes one 11730A 1.5 m sensor cable and Option 001 Internal Rechargeable Battery which provides up to 5.5 hours of continuous operation.	3,528.00 20 9.09	3,528.00 3,524.48 3,520.95
65081 1 EACH	Agilent Technologies E4419B 3 Years	Dual-Channel Power Meter. Includes two 11730A 1.5 m sensor cables.	5,415.00 20 9.09	5,415.00 5,409.59 5,404.17
73299 1 EACH	Agilent Technologies 34131A 1 Year	Transit case.	210.00 5 2.27	210.00 209.79 209.58

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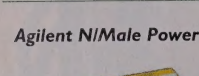
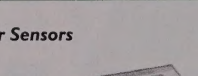
Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
21692 1 EACH	Agilent Technologies 34141A 1 Year	Soft case. Yellow.	381.00 3 1.36	381.00 380.62 380.24
98478 1 EACH	Agilent Technologies 34161A 1 Year	Accessory pouch.	40.00 5 2.27	39.97 39.93 39.89

Agilent N/Male Power Sensors



12949



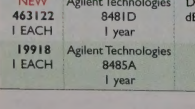
50093

Agilent thermocouple power sensors are designed for use with the E4418B and E4419B power meters and provide extraordinary accuracy and stability. Agilent power sensors give you extremely low SWR, and are traceable to the U.S. NIST. The E4418B/19B power meters provide an accurate 1mw reference for sensor calibration. This calibration eliminates the uncertainties due to temperature changes and the variance making measurements with different meter/sensor combinations.

- Type N-male connector.
- Accurate calibration and traceability to NIST

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
12949 1 EACH	Agilent Technologies 8481A 1 Year	100 mW Power Sensor, 10 MHz to 18 GHz.	1,016.00 2 0.91	1,016.00 1,014.99 1,013.97
50093 1 EACH	Agilent Technologies 8482A 1 Year	100 mW Power Sensor, 100 kHz to 4.2 GHz.	1,055.00 2 0.91	1,055.00 1,053.95 1,052.89
11700 1 EACH	Agilent Technologies 8481H 1 Year	3 Watt Power Sensor, 10 MHz to 18 GHz.	1,286.00 2 0.91	1,286.00 1,284.72 1,283.43
NEW 451111 1 EACH	Agilent Technologies 8482H 1 year	3 watts. 100 kHz to 4.2 GHz.	1,254.00 2 0.91	1,254.00 1,252.75 1,251.50
63307 1 EACH	Agilent Technologies 8481B 1 year	25 Watt Power Sensor, 10 MHz to 18 GHz.	2,912.00 2 0.91	2,912.00 2,909.09 2,906.18
88486 1 EACH	Agilent Technologies 8482B 1 year	25 Watt Power Sensor, 100 kHz to 4.2 GHZ.	2,429.00 2 0.91	2,429.00 2,426.58 2,424.15
NEW 428183 1 EACH	Agilent Technologies 11730A 1 Year	Power Sensor and SNS source cable 1.5m (5ft.) compatable with 8480,E441XA, and E9300 sensors	127.00 0.6 0.27	127.00 126.88 126.75
NEW 441091 1 EACH	Agilent Technologies 11730B 1 Year	Power Sensor and SNS source cable 10ft. compatable with 8480,E441XA, and E9300 sensors	153.00 2 0.91	153.00 152.85 152.70

Agilent APC Power Sensors



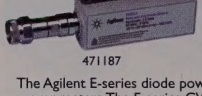
19918

The Agilent thermocouple power sensor is designed for use with the E4418B/19B power meters and provides extraordinary accuracy and stability. The power sensor gives you extremely low SWR, and is traceable to the U.S. NIST. The E4418B/19B power meters provide an accurate 1mW reference for sensor calibration. This calibration eliminates the uncertainties due to temperature changes and the variance making measurements with different meter/sensor combinations.

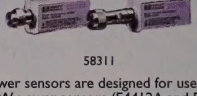
- Connector Type: APC 3.5-mm (M)
- Accurate calibration and traceability to NIST

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 463122 1 EACH	Agilent Technologies 8481D 1 year	Diode Power Sensor 10 MHz to 18 GHz. -70 to -20 dBm for EPM, EPM-P and Microwave counter/power meters	1,469.00 2 0.91	1,469.00 1,467.54 1,466.07
19918 1 EACH	Agilent Technologies 8485A 1 year	100mW Power Sensor, 50 MHz to 26.5 GHz.	1,543.00 2 0.91	1,543.00 1,541.46 1,539.92

Agilent Wide Range Sensors



471187



58311

The Agilent E-series diode power sensors are designed for use with the E4416/17/18/19B power meters. The E-series CW power sensors (E4412A and E4413A) measure CW signa from 10MHz to 26.5 GHz (-70 to +20dBm). The E-series E9300 power sensors measure th average power of any signal type from 9 kHz to 18 Ghz (-60 to +44dBm), sensor depende The power sensor provides extremely low SWR to minimize the source and sensor mism error. For comprehensive error correction, calibration factors, linearity, and temperature error correction data are stored in EEPROM. Power measurements are traceable to NIST.

- Frequency Range: 10 MHz to 26.5 GHz (sensor dependent)
- Power Range: -70 dBm to +44 dBm

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
482191 1 EACH	Agilent Technologies E9321A 1 year	100 mW Peak & Avg. Power Sensor, 50 MHz to 6 GHz, 300KHz max. bandwidth.	1,574.00 2 0.91	1,57 1,57 1,57
471187 1 EACH	Agilent Technologies E9322A 1 year	100 mW Peak & Avg. Power Sensor, 50 MHz to 6 GHz, 1.5 MHz max. bandwidth.	2,099.00 2 0.91	2,09 2,09 2,09
426196 1 EACH	Agilent Technologies E9323A 1 year	100mw Peak & Avg. Power Sensor, 50 MHz to 6 GHz, 5 MHz max. bandwidth.	2,880.00 2 0.91	2,88 2,87 2,87
451178 1 EACH	Agilent Technologies E9327A 1 year	100mw Peak & Avg. Power Sensor, 50 MHz to 18 GHz, 300 KHz max. bandwidth.	3,352.00 2 0.91	3,35 3,34 3,34
484173 1 EACH	Agilent Technologies E9326A 1 year	100 mW Peak & Avg. Power Sensor, 50 MHz to 18 GHz, 1.5 MHz max. bandwidth.	2,519.00 2 0.91	2,51 2,51 2,51
421183 1 EACH	Agilent Technologies E9325A 1 year	100 mW Peak & Avg. Power Sensor, 50 MHz to 18 GHz, 5 MHz max. bandwidth.	1,889.00 2 0.91	1,88 1,88 1,88
58311 1 EACH	Agilent Technologies E4412A 1 Year	200 mW CW Power Sensor, 10 MHz to 18.5 GHz, N/ Male connector.	1,506.00 2 0.91	1,50 1,50 1,50
72603 1 EACH	Agilent Technologies E9300A 1 Year	100mW Average Power Sensor, 10 MHz to 18GHz, N/ Male Connector	1,994.00 2 0.91	1,99 1,99 1,99
72633 1 EACH	Agilent Technologies E9300B 1 Year	25 watt Average Power Sensor, 10 MHz to 18 GHz.	3,111.00 2 0.91	3,11 3,10 3,10

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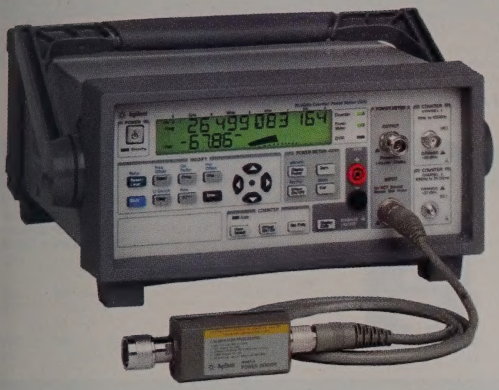
ilent Microwave Power/Counter Meter



e Agilent 53140 series Microwave Counter/Power/DVM meters have all the fundamental asurement requirements to install and maintain today's digital microwave radio links. Rugged d portability and a battery option complete the ensemble. For those demanding R&D appli- ions, the 53140 series offers the laboratory-level perfrormance and accuracy required.

- le, Ultra-wideband CW microwave counter ut 50MHz to 20GHz
- er Range -70 dBm to +44 dBm sensor depen- t, Units Absolute: dBm or Watts Relitive: db or ower Frequency Range: 100KHz to 50GHz B and RS-232 interface standard
- nections: BNC and SMA/APC-3.5 female ional Models for: 26.5GHz and 46GHz
- Options: Oven Timebase (001) and Battery/DC input (002), Rack Mount Kit (1CM) and Soft Carrying Case
- Includes: 1.5m power sensor cable, DVM test leads, operating/programming and service manual, and AC power cord
- Power: 90-132 Vac 47.5-66Hz: Optional Battery Power (002) 11-18Vdc 2A lead acid battery 2 hour life.
- Dimensions: 12.9" x 6.1" x 14.8" Weight 10.25 lbs.
- Power Sensor Required: 8480 series, Measures Average and Peak power sensor dependent compatable with the 8480 series sensors only select from Agilent power sensor tables

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
163 CH	Agilent Technologies 53147A 1 Year	Microwave Counter/Power/DVM 20GHz. Power Sensor REQUIRED 8480 series sensor (only).	10,315.00 12 5.45	10,315.00 10,315.00 10,315.00
101 CH	Agilent Technologies 53147A/002 1 Year	Microwave Counter/Power/DVM 20GHz with Battery/DC input, Power sensor REQUIRED 8480 series (only)	10,929.00 12 5.45	10,929.00 10,929.00 10,929.00
170 CH	Agilent Technologies 53147A/001 1 Year	Microwave Counter/Power/DVM 20GHz with Oven Timebase option. Power Sensor REQUIRED 8480 sensor series (only).	10,929.00 12 5.45	10,929.00 10,929.00 10,929.00
W 144 CH	Agilent Technologies 53147A/1/2 1 Year	Microwave Counter/Power/DVM 20GHz with Oven Timebase and Battery DC input option. Power Sensor REQUIRED 8480 sensor series (only).	11,908.00 12 5.45	11,908.00 11,908.00 11,908.00
W 164 CH	Agilent Technologies 53148A/001-R-51B 1 Year	Microwave Counter/Power/DVM 26.5GHz. w/time base option (001) and 24 months R-51B Power Sensor REQUIRED 8480 series (only).	12,271.00 12 5.45	12,271.00 12,258.73 12,246.46
W 390 CH	Agilent Technologies 53148A/002 1 Year	Microwave Counter/Power/DVM 26.5GHz. with Battery/DC input option (002) Power Sensor REQUIRED 8480 series (only).	11,949.00 12 5.45	11,949.00 11,949.00 11,949.00
113 CH	Agilent Technologies 53147-80016 1 Year	Soft Case Microwave Counter/Power/DVM Meters	263.00 3 1.36	263.00 263.00 263.00

Anritsu Power Meters

476172

The ML2400A/2430A series of power meters from Anritsu. The ML2430A series is perfect for wide dynamic range power readings on a variety of radio systems. A range of sensors is available for different applications. The MA2481B universal sensor for CDMA 2000, DAB and Wireless LAN. The MA2473A for CW and GSM applications and the fast thermal sensor MA2423B for true RMS measurements on microwave systems such as radio links. The ML2400A series and MA 2468 B sensor have been specifically designed to making exacting measurements required on IS-95 CDMA signals. Built-in software enables remote site monitoring by telephone.

- Frequency Range: 100kHz to 50 GHz
- Power Range: -70 dBm to +47dBm, sensor dependent
- 600 readings per second over GPIB
- Built in Voltage Measurement
- Printer Output Port
- Modem control software for remote monitoring
- Backlit LCD with adjustable contrast
- 1.5 m sensor cable included (2 for dual input)
- 10 Storage Registers
- GPIB and RS-232 Interfaces

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
484105 1 EACH	Anritsu ML2437A 1 Year	Anritsu Single-Channel Power Meter	3,065.00 12 5.45	3,065.00 3,034.35 3,019.03
422192 1 EACH	Anritsu ML2438A 1 Year	Anritsu Dual-Channel Power Meter	4,515.00 12 5.45	4,515.00 4,469.85 4,447.28
476172 1 EACH	Anritsu ML2407A 1 Year	Anritsu Single-Channel Power Meter, Specifically designed for N-CDMA measurements (Requires MA2468A/69B Sensor)	3,760.00 12 5.45	3,760.00 3,722.40 3,703.60
446137 1 EACH	Anritsu ML2408A 1 Year	Anritsu Dual-Channel Power Meter, Specifically designed for N-CDMA measurements (Requires MA2468A/69B Sensor)	5,590.00 12 5.45	5,590.00 5,534.10 5,506.15
490128 1 EACH	Anritsu D41310 1 Year	ML2400A Soft Case	176.00 2 0.91	176.00 174.24 173.36
495143 1 EACH	Anritsu 760-209 1 Year	Hard Transit Case	300.00 2 0.91	300.00 297.00 295.50
497157 1 EACH	Anritsu ML2400A/11 1 Year	ML2400A Ni-Mh Battery	175.00 2 0.91	175.00 173.25 172.38

Anritsu Power Sensors

Anritsu power sensors designed for use with the ML2400A/2430A series of power meters. The offering includes standard, thermal, high accuracy, fast diode and universal sensors for measuring a variety of transmission formats.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
461167 1 EACH	Anritsu MA2481B 1 Year	100 mW, 10 MHz to 6 GHz Universal Power Sensor	1,550.00 2 0.91	1,550.00 1,534.50 1,526.75
489119 1 EACH	Anritsu MA2468B 1 Year	100 mW, 10 MHz to 6 GHz Fast Diode Power Sensor, use with the ML 2407/08A for NCDMA and fast pulse measurements!	1,400.00 2 0.91	1,400.00 1,386.00 1,379.00
486132 1 EACH	Anritsu MA2473A 1 Year	100 mW, 10 MHz to 32 GHz Standard Diode Power Sensor	1,350.00 2 0.91	1,350.00 1,336.50 1,329.75
411152 1 EACH	Anritsu MA2423B 1 Year	100 mW, 10 MHz to 32 GHz Fast Thermal Power Sensor	1,200.00 2 0.91	1,200.00 1,188.00 1,182.00
499168 1 EACH	Anritsu MA2444A 1 Year	100 mW, 10 MHz to 40 GHz High Accuracy Diode Sensor	1,750.00 2 0.91	1,750.00 1,732.50 1,723.75

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Rohde & Schwarz Power Sensors

Power Sensors for NRVS and NRVD power meters. The calibration data memory integrated in the sensor contains all the relevant information. Simply plug and play.

- NRV-Z2,Z5 Medium-Sensitivity Sensors: Diode detectors with 20dB attenuator, True RMS power measurements from 10nW to 500mW.
- NRV-Z1,Z3,Z4,Z6 High-Sensitivity Sensors: True RMS power 100pW to 10microWatts for signals with harmonics, up to 20mW for sinewave signals.
- NRV-51 to -Z55 Thermocouple Sensor: Average power irrespective of waveform for spread spectrum IS-95 CDMA and W-CDMA.
- NRV-Z31 to Z33 Peak Power Sensor: Peak envelope power PEP of modulated or pulsed signals for transmission power of mobile stations in GSM networks.
- Applications: Laboratory and Production tests, R&D, and Base & Mobile Station Test.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
411058 1 EACH	Rohde & Schwarz NRVZ203 1 year	Medium-Sensitivity Power sensor 10MHz to 18GHz 100nW to 500mW, N (male) connector, with 16ft cable.	1,940.00 1 0.45	1,940.00 1,938.06 1,936.12
479048 1 EACH	Rohde & Schwarz NRVZ103 1 year	High-Sensivity Power sensor 10MHz to 18GHz, 1nW to 500mW, N (male) connector,with 16ft cable. for NRVS & NRVD power meters	1,620.00 1 0.45	1,620.00 1,618.38 1,616.76
466033 1 EACH	Rohde & Schwarz NRVZ403 1 year	High-Sensivity Power sensor 100KHz to 6GHz 500pW to 20mW, N (male) connector,with 16ft cable. for NRVS & NRVD power meters	1,540.00 1 0.45	1,540.00 1,538.46 1,536.92

RF Directional Wattmeters [460-11]

If you are buying these, you may need:

Tool Kits, Complete . . . . . page 1523
Tool Cases without Tools. . . . . page 1531

Bird 43 Wattmeters

Bird THRULINE instruments can be left in the line for continuous monitoring of either transmitter or reflected power. The frequency range (0.45 - 2700 MHz) and power range (100 mW - 10 KW) are determined by low-cost plug-in elements sold separately. Includes a 30 microampere meter with scales of 25, 50, and 100 unit calibration to permit full scale direct power reading. Peak reading models read true peak power output at ±8% of full-scale accuracy.

- Order Frequency and power specific elements separately

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connectors, Comments	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
43948 1 EACH	Bird Electronics 43 N/F 1 yr	QC N-F connectors on both ends	315.00 3.78 1.72	315.00 311.85 310.28
82341 1 EACH	Bird Electronics 43/NM,NF 1 yr	QC N-M on one end & QC N-F on the other.	333.00 4.27 1.94	333.00 329.67 328.01
17520 1 EACH	Bird Electronics 43/TNC 1 yr	QC TNC-F on both ends	333.00 3.82 1.74	333.00 329.67 328.01
75174 1 EACH	Bird Electronics 43/TNC,MINI U 1 yr	QC TNC-F, and QC mini UHF-F	365.00 2 0.91	365.00 361.35 359.53
55913 1 EACH	Bird Electronics 43/UHF 1 yr	QC UHF-F on both ends.	315.00 3.75 1.7	315.00 311.85 310.28
30734 1 EACH	Bird Electronics 43P 1 yr	QC N-F on both ends. Peak Reading in CW, SSB, AM and Limited Pulse signals.	520.00 3.75 1.7	520.00 514.80 512.20

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connectors, Comments	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
38806 1 EACH	Bird Electronics 43PU 1 yr	QC U-F on both ends. Peak Reading in CW, SSB, AM and Limited Pulse signals.	520.00 4.16 1.89	520. 514. 512.

Bird Advanced Wattmeters-Digital RF

The new Advanced Power Measurement wattmeter lets you accurately measure complex digital RF signa from paging, cellular, and PCS services. Compatible w FHMA, CDMA, TDMA, GSM, FLEX, and other forma Power range and frequency are determined by plug- elements sold separately. 30 microampere meter wi scales of 25, 50, and 100 unit calibration to permit fu scale direct power reading. Uses standard QC conn tors.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connectors, Comments	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
21930 1 EACH	Bird Electronics APM-16 DIN/F 1 yr	QC DIN-F on both ends. Use special Bird APM elements.	1,090.00 5 2.27	1,090. 1,079. 1,073.
57584 1 EACH	Bird Electronics APM-16 N/F 1 yr	QC N-F on both ends. Use special Bird APM elements.	950.00 4 1.82	950.0 940.5 935.7

Bird 4304A Broadband Wattmeter

Bird THRULINE instruments can be left in the line fo continuous monitoring. Allows readings from 25-100 MHz at five power range settings of 5, 15, 50, 150, an 500 Watts (power limited to 150 Watts from 800-10 MHz). A single directional element is included that co ers the full bandwidth. No other elements are need

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connectors, Comments	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
50193 1 EACH	Bird Electronics 4304A N 1 yr	QC NF on both ends.	586.00 4 1.82	586.0 580.1 577.2
84837 1 EACH	Bird Electronics 4304A TF 1 yr	QC TNC F both ends.	589.00 3.96 1.8	589.0 583.1 580.1
88586 1 EACH	Bird Electronics 4304A UHF 1 yr	QC UHF-F on both ends.	586.00 3.79 1.72	586.0 580.1 577.2

Bird High Sensitivity Wattmeter

The Bird 4410 THRULINE wattmeter is the choice when very sensitive accuracy is required. Inside the 4410 is an amplifier employing a self-balancing measurement techniqu It uses plug-in elements sold separately. Each 4410 elemen can provide 7 power ranges selectable on a front panel switch. Power ranges are dependent on the element select Includes 9V Alkaline battery.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connectors, Comments	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
25738 1 EACH	Bird Electronics 4410A N/F-U/F 1 yr	QC N-F on one end & QC UHF-F on other.	730.00 4.13 1.88	730.0 722.7 719.0
90559 1 EACH	Bird Electronics 4410A/NF ALKA 1 yr	QC N-F on both ends.	730.00 4.56 2.07	730.0 722.7 719.0
NEW **93057** 1 EACH	Bird Electronics 4410-16 1 yr.	N/A 4410A element 1800- 2300 MHz. Full scale power 0 to 100, 300 milliwatts, 1, 3, 10, 30, and 100 watts.	260.00 0.14 0.06	259.7 258.4 257.4

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Telewave Broadband Wattmeter

Telewave bi-directional wattmeters require no inserts. It covers frequencies from 25 to 1000 MHz in power ranges of 5,15,50,150 and 500 watts. The 20 microampere meter movement is shock mounted. Forward and reflected power is switch selected. A handy SWR chart is printed on the back of the unit.

art No. ty/Uom	Manufacturer Mfg. P/N Warranty	Connectors, Comments	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36103 EACH	Telewave, Inc. 44AP/N 1 yr	N female connector Includes -40 dB RF sampling port.	642.00 3.95 1.8	642.00 487.92 481.50
51282 EACH	Telewave, Inc. 44AP/UHF 1 yr	UHF female connector Includes -40 dB RF sampling tap.	642.00 4.43 2.01	642.00 487.92 481.50
74496 EACH	Telewave, Inc. 44A/UHF 1 yr	QC UHF-F on both ends.	591.00 4.21 1.91	591.00 449.16 443.25
87710 EACH	Telewave, Inc. 44A/N 1 yr	QC N-F on both ends	591.00 3.85 1.75	591.00 449.16 443.25
99675 EACH	Telewave, Inc. 44A/T 1 yr	QC TNC-F on both ends	591.00 4.23 1.92	591.00 449.16 443.25

Bird Variable RF Tap Wattmeter

The Bird THRULINE wattmeter features all the versatility as the model 43. It is enhanced by a built in variable RF signal sampler giving the advantage of sampling for use with scopes, frequency counters, spectrum analyzers, etc at the same time the power measurement is made. Amplitude of the RF sample is readily adjustable by a depth of insertion control knob on the unit. Order elements (same as model 43) separately. Power: 2-30MHz 5KW, 30-1000MHz 1KW depending on element. Sampler is variable from -15 to -70 dB.

rt No. y/Uom	Manufacturer Mfg. P/N Warranty	Connectors, Comments	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
7703 EACH	Bird Electronics 4431 N/F 1 yr	QC N-F on both ends.	759.00 3.66 1.66	759.00 751.41 747.62

rd Cellular Wattmeter

Bird 4308 was specifically designed as a cellular wattmeter. It utilizes the same THRULINE system as the other Bird wattmeters. Covers 4 power ranges (1.5,5,15,and 50 watts) over a frequency range of 440-960 MHz with a single directional element that is included with the unit. Handles up to 50 watts.

rt No. y/Uom	Manufacturer Mfg. P/N Warranty	Connectors, Comments	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
7337 EACH	Bird Electronics 4308 1 yr	QC TNC-F on both ends.	708.00 4.26 1.94	705.88 703.76 700.92

Digital Wattmeters [460-12]

If you are buying these, you may need:

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Tool Cases without Tools . . . . . page 1531

Bird 5000 Digital Power Meter

62845 62865 482136

Bird's Model 5000 THRULINE Digital RF Power Meter combines a digital display with the ability to accurately measure power in analog and digital RF systems. The Model 5000 operates over a broad frequency range and has the ability to measure True Average Power. The Model 5000 handles Cellular, PCS, ISM, UMTS, 3G Wireless, WLL, Paging, Conventional/trunked radio, Aviation, Military, and Analog or Digital Audio and Television Broadcast. The highly-visible, back-lit LCD display simultaneously shows forward and reflected power or other selected parameters in digital format, while a 20-segment analog bar graph tracks forward power readings. Readings can be expressed as Watts, dB Return Loss and % Match Efficiency. VSWR is automatically calculated from forward and reflected power for fast, convenient antenna checks.

- Frequency Range: 2 MHz to 3600 MHz
- RF Power Range: 1 W to 1000 W
- Requires either the 5010 or 5011 Power Sensor
- Frequency and Power ratings are determined by the DPM Elements

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connectors, Comments	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
414182 1 EACH	Bird Electronics DPM 5000/5010	Bird 5000 with the 5010 sensor. DPM Elements sold seperately!	1,495.00 8 3.64	1,487.53 1,483.04 1,472.58
62845 1 EACH	Bird Electronics 5000 1 Year	Digital RF Power Meter, 9 pin D-shell RS-232 serial connector (To the sensor). Can be used with either the 5010 or 5011 sensor. Digital RF Power Meter. REQUIRES model 5010 power sensor and elements, sold separately. Includes: manual, serial communications cable (5010 and SW), AC charger. (PC software form birds web-site). Options: CLA, and soft case.	895.00 2.88 1.31	890.53 887.84 881.58
62865 1 EACH	Bird Electronics 5010 1 Year	QC N-F on both ends. Power Sensor for the model 5000 power meter, VSWR alarm, and Broadcast Power Monitor. REQUIRES DPM elements, sold separately.	600.00 2 0.91	597.00 595.20 591.00
482136 1 EACH	Bird Electronics 5011 1 Year	Terminating Power Sensor, 40 MHz to 4 GHz, Compatible with both the 5000 digital power meter and the SA-series Bird Site Analyzer.	1,200.00 2 0.91	1,194.00 1,190.40 1,182.00
NEW 426316 1 EACH	Bird Electronics 5011 EF 1 Year	N-Female Terminating Power Sensor, 40 MHz to 18 GHz, Compatible with both the 5000 digital power meter and the SA series 2500A Bird Site Analyzer.	1,300.00 2 0.91	1,293.50 1,289.60 1,280.50
NEW 452306 1 EACH	Bird Electronics 8353A040-50 1 Year	M/F N, 40 dB Attenuator for use with the 5011 Terminating Power Sensor.	206.00 2 0.91	204.97 204.36 202.91

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Bird RF Power Analyst

Rugged, multi-function power analyst features a digital display, microprocessor-based operation, and simplified, push-button control. This wattmeter is well suited to C3, telemetry, two-way communications, avionics and radar, as well as standard radio and television applications. Order Bird 43 Wattmeter elements separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connectors, Comments	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
87022 1 EACH	Bird Electronics 4391A 1 yr	QC N-F on both ends. Same as 4391 includes measurement of peak envelope powerof pulsed signals to 0.8 microsec.	1,596.00 7.24 3.29	1,591.22 1,586.43 1,580.04

Accessories [460-15]

Mount Test Adapters

26386

91525

Test adapter for NMO/Motorola mounts. Designed for testing antenna mount and coax with a dummy load. N/female connector.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
26386 1 EACH	Radiall/Larsen NMO-TEST-1 3 yrs	Test adapter for NMO/Motorola mounts allows checking of coax feedline by allowing dummy load to replace the antenna. UHF female/SO-239 connection.	36.70 0.23 0.1	21.64 20.91 20.17
91525 1 EACH	Maxrad, Inc MNFA 2 yrs	Test adapter for NMO/Motorola mounts. Designed for testing mounts and coax witha dummy load. N/female connector.	43.25 0.07 0.03	22.49 20.98 20.25

Telewave Wattmeter Cases

11101

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
11101 1 EACH	Telewave, Inc. TC44 1 yr	Leather Carry case for the Telewave 44 series wattmeter. Includes a compartment for accessories etc.	85.00 1.27 0.58	85.00 64.60 63.75

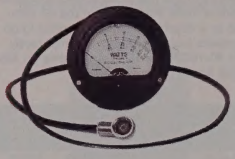
Bird Wattmeter Cases

486129

Protect your Bird wattmeter and elements with a rugged field carrying case

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
480175 1 EACH	Bird Electronics 5000-035 1 Year	Hard Carry Case for model 5000 Digital wattmeter. Holds wattmeter, 5010 sensor, and 4 elements.	150.00 5 2.27	149.55 149.10 148.50
486129 1 EACH	Bird Electronics CC-6 1 yr	Hard carry case for the Bird 43 series wattmeter & elements.	65.00 3.2 1.45	64.81 64.61 64.35
39875 1 EACH	Bird Electronics EC1 1 yr	Bird carry case for twelve elements.	45.00 0.79 0.36	44.87 44.73 44.55
16796 1 EACH	Bird Electronics 4300-061 1 Year	Polyethylene carry case for model 43, 4304A, APM-16. With nests for 4 plug-in elements & accessories.	75.00 1.96 0.89	74.63 74.25 73.88
41975 1 EACH	Bird Electronics 4300-085	Case for 4391 Power Analyst Wattmeter, signal sampler and 4 elements. Hard sided, die cut foam inserts, rigid aluminum frame, and polyurethane shell.	165.00 2 0.91	164.18 163.35 162.53
80239 1 EACH	Bird Electronics 5000-030 1 Year	Soft carry case for model 5000 Digital wattmeter. Comes with accessory pack to hold sensor and cables which attaches via velcro.	65.00 2 0.91	64.81 64.61 64.35

Meter Movements



Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36780 1 EACH	Bird Electronics 2080-005 1 yr	Bird 3-1/2" square meter movement, 25/50/100 Watt powerscales. 30 microamp sensitivity.	118.35 0.92 0.42	117.96 117.60 117.13
67002 1 EACH	Telewave, Inc. ME001 1 Yr.	Telewave movement for the 44A series wattmeter.	125.00 1 0.45	125.00 95.00 93.75
88387 1 EACH	Bird Electronics 2080-002 1 yr	Bird 3-1/2" round meter movement FOR THE 43 SERIES WATTMETERS. 30 microamp sensitivity	82.00 0.49 0.22	81.76 81.51 81.18
99501 1 EACH	Bird Electronics 8-000 1 yr	Bird meter movement with cable. 25/50/100 watt powerscales. 30 microamp sensitivity. Incl. cable and three shock pads.	101.00 0.81 0.37	100.70 100.40 99.99

Peak Power Adapter For Bird 43

80368

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
80368 1 EACH	Bird Electronics 4300-400 1 yr	Adapts model 43 wattmeter to read true peak power output at +/-8% of full scale accuracy.	165.00 1 0.45	164.51 164.01 163.35

NEW = New Listing. Pricing for reference only
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Bird 43 Wattmeter Element Quick Pick

MAXIMUM POWER WATTS	FREQUENCY BANDS (MHZ) 2-30	25-60	50-125	100-250	200-500	400-1000	950-1260	1100-1800	1700-1990	1990-2200	2200-2300
1	—	—	—	—	—	—	89636	38029	463016	422085	24815
2.5	—	—	—	—	—	—	33558	71951	438027	452038	58737
5	—	92532	40925	79318	27711	66104	14497	52890	458086	499008	39676
10	—	78920	27313	65706	14099	52492	90885	39278	489112	419129	26064
25	—	19819	58212	96605	44998	83391	31784	70177	450023	412007	56963
50	56637	57886	96279	44672	83065	69851	95030	36524	464026	486017	456003
100	59706	80169	28562	66955	15348	53741	40527	—	—	—	—
250	33033	72675	21068	97854	46247	84640	71426	—	—	—	—
500	45921	33956	72349	20742	59135	97528	39273	—	—	—	—
1000	93383	81418	29811	68204	16597	54990	54374	—	—	—	—
2500	47496	—	—	—	—	—	91324	—	—	—	—
5000	47170	467089	—	—	—	—	36248	—	—	—	—

Bird 5000 DPM Element Quick Pick

MAXIMUM POWER WATTS	FREQUENCY BANDS (MHZ) 2-30	25-60	50-125	100-250	200-500	400-960	950-1260	1100-1800	1700-1990	1990-2200	2200-2300	2300-2500
.5	—	—	—	—	—	413052	—	—	491094	—	467125	90433
2.5	—	—	—	—	—	—	—	—	—	—	83449	—
5	81508	81515	81679	81796	81833	83260	83309	83349	83386	83409	—	90430
10	—	—	—	—	—	432336	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	—	83457	—
50	81387	81541	81696	81808	81839	83271	83336	83375	83405	83446	—	—
100	—	—	81701	—	—	83296	—	—	—	—	—	—
500	81412	81563	81700	81816	81852	83282	—	—	—	—	—	—
1000		—	81706	—	—	83302	—	—	—	—	—	—

Elements for Bird Thruline Wattmeters [460-20]

If you are buying these, you may need:

Tool Cases without Tools. . . . . .page 1531
Equipment Protection Cases . . . . . .page 1537

Elements for Bird 43 Series Wattmeter

Thruline elements (slugs) for Bird wattmeters

- Fits Bird 43, 4430, 4431, 4385, 4520 series Wattmeters
- Select from the table sorted by Frequency, then Power

Continuing product table (1 of 3)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Maximum Power (Watts)	Freq. Range	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
56637	Bird Electronics	50 W	2-30 MHz	92.00	91.73
1 EACH	50H			0.3	91.45
	1 yr.			0.14	91.08
92134	Bird Electronics	100 W	2-30 MHz	92.00	92.00
1 EACH	100H			0.14	91.08
	1 yr.			0.06	90.62
33033	Bird Electronics	250 W	2-30 MHz	92.00	91.73
1 EACH	250H			0.13	91.45
	1 yr.			0.06	91.08
45921	Bird Electronics	500 W	2-30 MHz	92.00	91.73
1 EACH	500H			0.11	91.45
	1 yr.			0.05	91.08
93383	Bird Electronics	1000 W	2-30 MHz	92.00	92.00
1 EACH	1000H			0.15	91.08
	1 yr.			0.07	90.62
47496	Bird Electronics	2500 W	2-30 MHz	132.00	131.61
1 EACH	2500H			0.19	131.21
	1 yr.			0.09	130.68
47170	Bird Electronics	5000 W	2-30 MHz	132.00	132.00
1 EACH	5000H			0.14	130.68
	1 yr.			0.06	130.02
92532	Bird Electronics	5 W	25-60 MHz	75.00	75.00
1 EACH	5A			0.15	74.25
	1 Yr.			0.07	73.88
78920	Bird Electronics	10 W	25-60 MHz	75.00	75.00
1 EACH	10A			0.14	74.25
	1 Yr.			0.06	73.88
19819	Bird Electronics	25 W	25-60 MHz	75.00	74.78
1 EACH	25A			0.14	74.55
	1 Yr.			0.06	74.25
57886	Bird Electronics	50 W	25-60 MHz	75.00	75.00
1 EACH	50A			0.13	74.25
	1 Yr			0.06	73.88
80169	Bird Electronics	100 W	25-60 MHz	75.00	75.00
1 EACH	100A			0.14	74.25
	1 Yr			0.06	73.88
72675	Bird Electronics	250 W	25-60 MHz	75.00	75.00
1 EACH	250A			0.14	74.25
	1 Yr			0.06	73.88
33956	Bird Electronics	500 W	25-60 MHz	75.00	74.78
1 EACH	500A			0.15	74.55
	1 Yr			0.07	74.25
40925	Bird Electronics	5 W	50-125 MHz	75.00	75.00
1 EACH	5B			0.14	74.25
	1 Yr			0.06	73.88
27313	Bird Electronics	10 W	50-125 MHz	75.00	75.00
1 EACH	10B			0.13	74.25
	1 Yr			0.06	73.88
58212	Bird Electronics	25 W	50-125 MHz	75.00	74.78
1 EACH	25B			0.14	74.55
	1 Yr			0.06	74.25
96279	Bird Electronics	50 W	50-125 MHz	75.00	75.00
1 EACH	50B			0.13	74.25
	1 Yr			0.06	73.88
28562	Bird Electronics	100 W	50-125 MHz	75.00	74.78
1 EACH	100B			0.14	74.55
	1 Yr			0.06	74.25
29811	Bird Electronics	1000 W	150-125 MHz	75.00	75.00
1 EACH	1000B			0.15	74.25
	1 Yr			0.07	73.88
79318	Bird Electronics	5 W	100-250 MHz	75.00	75.00
1 EACH	5C			0.15	74.25
	1 Yr			0.07	73.88

Continuing product table (2 of 3)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Maximum Power (Watts)	Freq. Range	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
65706	Bird Electronics	10 W	100-250 MHz	75.00	75.00
1 EACH	10C			0.15	74.25
	1 Yr			0.07	73.88
96605	Bird Electronics	25 W	100-250 MHz	75.00	75.00
1 EACH	25C			0.14	74.25
	1 Yr			0.06	73.88
44672	Bird Electronics	50 W	100-250 MHz	75.00	75.00
1 EACH	50C			0.14	74.25
	1 Yr			0.06	73.88
66955	Bird Electronics	100 W	100-250 MHz	75.00	75.00
1 EACH	100C			0.25	74.25
	1 Yr			0.11	73.88
97854	Bird Electronics	250 W	100-250 MHz	75.00	75.00
1 EACH	250C			0.14	74.25
	1 Yr			0.06	73.88
20742	Bird Electronics	500 W	100-250 MHz	75.00	75.00
1 EACH	500C			0.15	74.25
	1 Yr			0.07	73.88
27711	Bird Electronics	5 W	200-500 MHz	75.00	75.00
1 EACH	5D			0.14	74.25
	1 yr.			0.06	73.88
14099	Bird Electronics	10 W	200-500 MHz	75.00	74.78
1 EACH	10D			0.14	74.55
	1 yr.			0.06	74.25
44998	Bird Electronics	25 W	200-500 MHz	75.00	75.00
1 EACH	25D			0.14	74.25
	1 yr.			0.06	73.88
83065	Bird Electronics	50 W	200-500 MHz	75.00	75.00
1 EACH	50D			0.14	74.25
	1 yr.			0.06	73.88
15348	Bird Electronics	100 W	200-500 MHz	75.00	75.00
1 EACH	100D			0.14	74.25
	1 yr.			0.06	73.88
46247	Bird Electronics	250 W	200-500 MHz	75.00	75.00
1 EACH	250D			0.14	74.25
	1 yr.			0.06	73.88
66104	Bird Electronics	5 W	400-1000 MHz	75.00	75.00
1 EACH	5E			0.14	74.25
	1 yr.			0.06	73.88
52492	Bird Electronics	10 W	400-1000 MHz	75.00	75.00
1 EACH	10E			0.14	74.25
	1 yr.			0.06	73.88
83391	Bird Electronics	25 W	400-1000 MHz	75.00	75.00
1 EACH	25E			0.14	74.25
	1 yr.			0.06	73.88
69851	Bird Electronics	50 W	400-1000 MHz	75.00	75.00
1 EACH	50E			0.13	74.25
	1 yr.			0.06	73.88
53741	Bird Electronics	100 W	400-1000 MHz	75.00	75.00
1 EACH	100E			0.14	74.25
	1 yr.			0.06	73.88
84640	Bird Electronics	250 W	400-1000 MHz	75.00	75.00
1 EACH	250E			0.14	74.25
	1 yr.			0.06	73.88
97528	Bird Electronics	500 W	400-1000 MHz	75.00	75.00
1 EACH	500E			0.13	74.25
	1 yr.			0.06	73.88
54990	Bird Electronics	1000 W	400-1000 MHz	75.00	74.78
1 EACH	1000E			0.12	74.55
	1 yr.			0.05	74.25
32508	Bird Electronics	1 Watt	425-850 MHz	100.00	100.00
1 EACH	425-1			0.12	99.00
	1 Yr.			0.05	98.50
92333	Bird Electronics	500 mW	800-1000 Mhz	144.00	144.00
1 EACH	430-265			0.14	142.56
	1 Yr.			0.06	141.84
92876	Bird Electronics	1 W	800-1000 MHz	100.00	100.00
1 EACH	801-1			0.13	99.00
	1 yr.			0.06	98.50
38047	Bird Electronics	2.5 W	800-1000 MHz	100.00	99.70
1 EACH	801-2			0.13	99.40
	1 yr.			0.06	99.00
71426	Bird Electronics	250 W	950-1260 MHz	155.00	155.00
1 EACH	250J			0.15	153.45
	1 yr.			0.07	152.68
422085	Bird Electronics	1 W	1990-2200 MHz	155.00	155.00
1 EACH	1L2			0.15	153.45
	1 yr.			0.07	152.68
463016	Bird Electronics	1 W	1700-1990 MHz	155.00	155.00
1 EACH	1L1			1	153.45
	1 yr.			0.45	152.68
438027	Bird Electronics	2.5 W	1700-1990 MHz	155.00	155.00
1 EACH	2.5L1			0.12	153.45
	1 yr.			0.05	152.68

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Power Meters & Wattmeters

nuing product table (3 of 3)

No. Uom	Manufacturer Mfg. P/N Warranty	Maximum Power (Watts)	Freq. Range	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
2038 ACH	Bird Electronics 2.5L2 1 yr.	2.5 W	1990-2200 MHz	155.00 0.12 0.05	155.00 153.45 152.68
3086 ACH	Bird Electronics 5L1 1 yr.	5 W	1700-1990 MHz	155.00 1 0.45	155.00 153.45 152.68
9008 ACH	Bird Electronics 5L2 1 yr.	5 W	1990-2200 MHz	155.00 0.14 0.06	155.00 153.45 152.68
2007 ACH	Bird Electronics 25L2 1 yr.	25 W	1990-2200 MHz	155.00 0.14 0.06	155.00 153.45 152.68
9023 ACH	Bird Electronics 25L1 1 yr.	25 W	1700-1990 MHz	155.00 0.14 0.06	155.00 153.45 152.68
3026 ACH	Bird Electronics 50L1 1 yr.	50 W	1700-1990 MHz	155.00 0.14 0.06	155.00 153.45 152.68
3017 ACH	Bird Electronics 50L2 1 yr.	50 W	1900-2200 MHz	155.00 0.14 0.06	155.00 153.45 152.68
EW 908 ACH	Bird Electronics 430-240 1 yr.	0.250	2.4-2.5GHz	155.00 0.12 0.05	154.54 154.07 153.45
EW 512 ACH	Bird Electronics 430-159 1 yr.	0.5	2.4-2.5GHz	155.00 0.14 0.06	154.54 154.07 153.45

ments for Bird 5000 Series

Thruline Elements for the DPM 5000 Series Wattmeters

DPM5000 Series Wattmeters

- Select element from the table sorted by Frequency, then Power

uing product table (1 of 2)

No. Uom	Manufacturer Mfg. P/N Warranty	Maximum Power (Watts)	Freq. Range	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
508 CH	Bird Electronics DPM-5H 1 yr.	5 W	2-30 MHz	235.00 0.3 0.14	233.83 233.12 231.48
387 CH	Bird Electronics DPM-50H 1 yr.	50 W	2-30 MHz	235.00 0.3 0.14	233.83 233.12 231.48
112 CH	Bird Electronics DPM-500H 1 yr.	500 W	2-30 MHz	235.00 0.3 0.14	233.83 233.12 231.48
15 CH	Bird Electronics DPM-5A 1 yr.	5 W	25-60MHz	235.00 0.3 0.14	233.83 233.12 231.48
41 CH	Bird Electronics DPM-50A 1 yr.	50 W	25-60 MHz	235.00 0.3 0.14	233.83 233.12 231.48
63 CH	Bird Electronics DPM-500A 1 yr.	500 W	25-60 MHz	235.00 0.3 0.14	233.83 233.12 231.48
79 CH	Bird Electronics DPM-5B 1 yr.	5 W	50 - 125Mhz	235.00 0.3 0.14	233.83 233.12 231.48
96 CH	Bird Electronics DPM-50B 1 yr.	50 W	50 - 125 MHz	235.00 0.3 0.14	233.83 233.12 231.48
00 CH	Bird Electronics DPM-500B 1 yr.	500 W	50 - 125Mhz	235.00 0.3 0.14	233.83 233.12 231.48
01 CH	Bird Electronics DPM-100B 1 yr.	100 W	50 - 125Mhz	235.00 0.3 0.14	233.83 233.12 231.48
06 CH	Bird Electronics DPM-1000B 1 yr.	1000 W	50 - 125Mhz	235.00 0.3 0.14	233.83 233.12 231.48
96 CH	Bird Electronics DPM-5C 1 yr.	5 W	100-250 MHz	235.00 0.15 0.07	233.83 233.12 231.48
08 CH	Bird Electronics DPM-50C 1 yr.	50 W	100-250 MHz	235.00 0.15 0.07	233.83 233.12 231.48
16 CH	Bird Electronics DPM-500C 1 yr.	500 W	100-250 MHz	235.00 0.15 0.07	233.83 233.12 231.48

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Maximum Power (Watts)	Freq. Range	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
81833 1 EACH	Bird Electronics DPM-5D 1 yr.	5 W	200-500 MHz	235.00 0.15 0.07	233.83 233.12 231.48
81839 1 EACH	Bird Electronics DPM-50D 1 yr.	50 W	200-500 MHz	235.00 0.15 0.07	233.83 233.12 231.48
81852 1 EACH	Bird Electronics DPM-500D 1 yr.	500 W	200-500 MHz	235.00 0.15 0.07	233.83 233.12 231.48
413052 1 EACH	Bird Electronics DPM-.5E 1 yr.	500mW	400-960 MHz	235.00 0.15 0.07	233.83 233.12 231.48
83260 1 EACH	Bird Electronics DPM-5E 1 yr.	5 W	400-960 MHz	235.00 0.15 0.07	233.83 233.12 231.48
83271 1 EACH	Bird Electronics DPM-50E 1 yr.	50 W	400-960 MHz	235.00 0.15 0.07	233.83 233.12 231.48
83296 1 EACH	Bird Electronics DPM-100E 1 yr.	100 W	400-960 MHz	235.00 0.15 0.07	233.83 233.12 231.48
NEW 432336 1 EACH	Bird Electronics DPM-10E 1 yr.	10 W	400-960 MHz	235.00 0.15 0.07	233.83 233.12 231.48
83282 1 EACH	Bird Electronics DPM-500E 1 yr.	500 W	400-960 MHz	235.00 0.15 0.07	233.83 233.12 231.48
83302 1 EACH	Bird Electronics DPM-1000E 1 yr.	1000 W	400-960 MHz	235.00 0.15 0.07	233.83 233.12 231.48
467125 1 EACH	Bird Electronics DPM-.5M 1 Yr.	500mW	2200-2300 MHz	235.00 0.15 0.07	233.83 233.12 231.48
83309 1 EACH	Bird Electronics DPM-5J 1 yr.	5 W	.95 to 1.26Ghz	235.00 0.15 0.07	233.83 233.12 231.48
83336 1 EACH	Bird Electronics DPM-50J 1 yr.	50 W	0.95 - 1.26 GHz	235.00 0.15 0.07	233.83 233.12 231.48
83349 1 EACH	Bird Electronics DPM-5K 1 yr.	5 W	1.1 - 1.8 GHz	235.00 0.15 0.07	233.83 233.12 231.48
83375 1 EACH	Bird Electronics DPM-50K 1 yr.	50 W	1.1 - 1.8 GHz	235.00 0.15 0.07	233.83 233.12 231.48
83386 1 EACH	Bird Electronics DPM-5L1 1 yr.	5 W	1.7 - 1.99 GHz	235.00 0.15 0.07	233.83 233.12 231.48
491094 1 EACH	Bird Electronics DPM-0.5L1 1 yr.	500mW	1.7 - 1.99 GHz	235.00 0.15 0.07	233.83 233.12 231.48
83405 1 EACH	Bird Electronics DPM-50L1 1 yr.	50 W	1.7 - 1.99 GHz	235.00 0.15 0.07	233.83 233.12 231.48
83409 1 EACH	Bird Electronics DPM-5L2 1 yr.	5 W	1.99 - 2.2 GHz	235.00 0.15 0.07	233.83 233.12 231.48
83446 1 EACH	Bird Electronics DPM-50L2 1 yr.	50 W	1.99 - 2.2 GHz	235.00 0.15 0.07	233.83 233.12 231.48
83449 1 EACH	Bird Electronics DPM-2.5M 1 yr.	2.5 W	2.2 - 2.3 GHz	235.00 0.15 0.07	233.83 233.12 231.48
83457 1 EACH	Bird Electronics DPM-25M 1 yr.	25 W	2.2 - 2.3 GHz	235.00 0.15 0.07	233.83 233.12 231.48
90433 1 EACH	Bird Electronics DPM-.5N 1 yr.	500mW	2.3-2.5 GHz	235.00 0.15 0.07	233.83 233.12 231.48
90430 1 EACH	Bird Electronics DPM-5N 1 yr.	5 Watt	2.3-2.5 GHz	235.00 0.15 0.07	233.83 233.12 231.48

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Elements for Bird APM-16 Meters

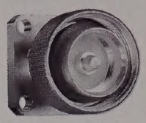
Thruline elements (slugs) for the Bird APM-16 Wattmeters

- Fits Bird APM-16 Wattmeters
- Select Element sorted by Frequency, then Power

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Maximum Power (Watts)	Freq. Range	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
483144 I EACH	Bird Electronics APM-5H I Yr.	5 W	2-30 Mhz	235.00 0.15 0.07	235.00 232.65 231.48
429103 I EACH	Bird Electronics APM-10H I Yr.	10 W	2-30 Mhz	235.00 0.15 0.07	235.00 232.65 231.48
463185 I EACH	Bird Electronics APM-100H I Yr.	100 W	2-30 Mhz	235.00 0.15 0.07	235.00 232.65 231.48
70607 I EACH	Bird Electronics APM-1000H I Yr.	1000 W	2-30 Mhz	235.00 0.15 0.07	235.00 232.65 231.48
19775 I EACH	Bird Electronics APM-5E I yr.	5 W	400-1000 MHz	235.00 0.15 0.07	235.00 232.65 231.48
58168 I EACH	Bird Electronics APM-10E I yr.	10 W	400-1000 MHz	235.00 0.15 0.07	235.00 232.65 231.48
96561 I EACH	Bird Electronics APM-25E I yr.	25 W	400-1000 MHz	235.00 0.12 0.05	235.00 232.65 231.48
44954 I EACH	Bird Electronics APM-50E I yr.	50 W	400-1000 MHz	235.00 0.12 0.05	235.00 232.65 231.48
31740 I EACH	Bird Electronics APM-100E I yr.	100 W	400-1000 MHz	235.00 1 0.45	235.00 232.65 231.48
95837 I EACH	Bird Electronics APM-1J I yr.	1 W	950-1260 MHz	235.00 0.15 0.07	235.00 232.65 231.48
82623 I EACH	Bird Electronics APM-2.5J I yr.	2.5 W	950-1260 MHz	235.00 0.15 0.07	235.00 232.65 231.48
31016 I EACH	Bird Electronics APM-5J I yr.	5 W	950-1260 MHz	235.00 0.15 0.07	235.00 232.65 231.48
479074 I EACH	Bird Electronics APM-5L-1 I yr.	5 W	1700-1990 MHz	235.00 1 0.45	235.00 232.65 231.48
447082 I EACH	Bird Electronics APM-10L-1 I yr.	10 W	1700-1990 MHz	235.00 0.12 0.05	235.00 232.65 231.48
463012 I EACH	Bird Electronics APM-25L-1 I yr.	25 W	1700-1990 MHz	235.00 1 0.45	235.00 232.65 231.48
494082 I EACH	Bird Electronics APM-50L-1 I yr.	50 W	1700-1990 MHz	235.00 1 0.45	235.00 232.65 231.48
489031 I EACH	Bird Electronics APM-5L-2 I yr.	5 W	1990-2200 MHz	235.00 1 0.45	235.00 232.65 231.48
419129 I EACH	Bird Electronics 10L-2 I yr.	10 W	1990 to 2200 MHz	155.00 0.12 0.05	155.00 153.45 152.68
464096 I EACH	Bird Electronics APM-10L-2 I yr.	10 W	1990-2200 MHz	235.00 0.12 0.05	235.00 232.65 231.48
482013 I EACH	Bird Electronics APM-25L-2 I yr.	25 W	1990-2200 MHz	235.00 0.1 0.05	235.00 232.65 231.48
482092 I EACH	Bird Electronics APM-50L-2 I yr.	50 W	1990-2200 MHz	235.00 1 0.45	235.00 232.65 231.48

Quick Change Connectors [460-61]

Wattmeter Connectors



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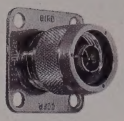

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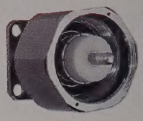

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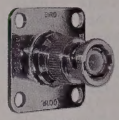

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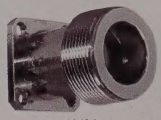

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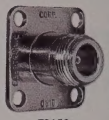

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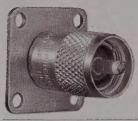

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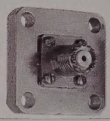

98578

99827

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Type of Connector	For Wattmeter	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
12491 I EACH	RF Industries RFA-4046-A I yr	Unidapt Flange	Telewave: 44 Bird: 4304, 4114-4118	21.70 0.05 0.02	15.1 12.5 11.9
14474 I EACH	Bird Electronics 4240-363 I yr	7/16 DIN Male	Bird: APM-16, 5010, 43, 4304A, 4430, 4431, 4381, 4385, 4521	85.00 1.8 0.82	85.0 84.1 83.7
20543 I EACH	Bird Electronics 4240-063 I yr	N-Male	Bird: APM-16, 5010, 43, 4304A, 4430, 4431, 4381, 4385, 4521	25.00 0.11 0.05	25.0 24.7 24.6
23041 I EACH	Bird Electronics 4240-025 I yr	LC-Male	Bird: APM-16, 5010, 43, 4304A, 4430, 4431, 4381, 4385, 4521	140.00 0.32 0.15	140.0 138.0 137.9
24337 I EACH	Telewave, Inc. QC44T I yr	TNC-Female	Telewave: 44	16.00 0.04 0.02	16.0 12.1 12.0
25705 I EACH	RF Industries RFA-4045-A I yr	Unidapt Flange	Bird: APM-16, 5010, 43, 4304A, 4430, 4431, 4381, 4385, 4521	25.15 0.05 0.02	17.6 14.9 13.8
33757 I EACH	Bird Electronics 4240-050 I yr	UHF-Female	Bird: APM-16, 5010, 43, 4304A, 4430, 4431, 4381, 4385, 4521	15.00 0.07 0.03	15.0 14.8 14.7
37551 I EACH	Telewave, Inc. QC44S I yr	UHF-Female	Telewave: 44	15.00 0.09 0.04	15.0 11.4 11.2
43796 I EACH	Telewave, Inc. QC44N I yr	N-Female	Telewave: 44	15.00 0.08 0.04	15.0 11.4 11.2
NEW 447328 I EACH	Bird Electronics 4240-018 I yr	LT-Female	Bird: APM-16, 5010, 43, 4304A, 4430, 4431, 4381, 4385, 4521	120.00 0.32 0.15	120.0 118.1 118.2
45722 I EACH	Bird Electronics 4240-132 I yr	BNC-Male	Bird: APM-16, 5010, 43, 4304A, 4430, 4431, 4381, 4385, 4521	65.00 0.07 0.03	65.0 64.3 64.0
61434 I EACH	Bird Electronics 4240-031 I yr	LC-Female	Bird: APM-16, 5010, 43, 4304A, 4430, 4431, 4381, 4385, 4521	85.00 0.32 0.15	85.0 84.1 83.7
72150 I EACH	Bird Electronics 4240-062 I yr	N-Female	Bird: APM-16, 5010, 43, 4304A, 4430, 4431, 4381, 4385, 4521	15.00 0.79 0.36	15.0 14.8 14.7
73638 I EACH	Bird Electronics 4240-344 I yr	7/16 DIN Female	Bird: APM-16, 5010, 43, 4304A, 4430, 4431, 4381, 4385, 4521	85.00 1.8 0.82	85.0 84.1 83.7
NEW 82278 I EACH	Telewave, Inc. QCLNF I yr	N-Female	Telewave: 44	10.00 0.08 0.04	7.7 7.6 7.5
84115 I EACH	Bird Electronics 4240-179 I yr	UHF-Male	Bird: APM-16, 5010, 43, 4304A, 4430, 4431, 4381, 4385, 4521	55.00 0.09 0.04	55.0 54.4 54.1
97329 I EACH	Bird Electronics 4240-125 I yr	BNC-Female	Bird: APM-16, 5010, 43, 4304A, 4430, 4431, 4381, 4385, 4521	25.00 0.06 0.03	25.0 24.7 24.6
98578 I EACH	Bird Electronics 4240-346 I yr	Mini UHF Female	Bird: APM-16, 5010, 43, 4304A, 4430, 4431, 4381, 4385, 4521	50.00 0.12 0.05	50.0 49.5 49.3

TESSCO TECHNOLOGIES

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FAX 410-527-0005
WWW.TESSCO.COM

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See TESSCO.com for latest pricing and prod
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tinuing product table (2 of 2)

art No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Type of Connector	For Wattmeter	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
99827 EACH	Bird Electronics 4240-156 1 yr	TNC-Female	Bird: APM-16, 5010, 43, 4304A, 4430, 4431, 4381, 4385, 4521	20.00 0.06 0.03	20.00 19.80 19.70

RF Signal Samplers [470-10]

If you are buying these, you may need:

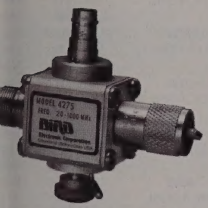
Tool Kits, Complete . . . . . page 1523

Variable Signal Sampler, Stand Alone

Adjustable BNC female port allows a 20-80dB attenuated signal up to 3 GHz to be either inserted or extracted from the test unit. The type N input and output can be changed by using RF Industries Unidapt connector ends.

rt No. y/Uom	Manufacturer Mfg. P/N Warranty	Freq. Range Power Rating	Connectors	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
3503 EACH	RF Industries RFA-4059-A 1 yr	20-3000 MHz 500 Watts	N-Male / N-Female	87.85 0.3 0.14	61.49 50.95 48.32

Variable Signal Sampler, Stand Alone



These signal samplers are "stand alone" wide range THRULINE RF coupling probes for spectrum analysis and signal observation using an oscillscope or frequency counter. They feature low VSWR and insertion loss of only 0.1 dB.

rt No. /Uom	Manufacturer Mfg. P/N Warranty	Freq. Range Power Rating	Connectors	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
3045 ACH	Bird Electronics 4275-020 1 yr	20-1000 MHz 1000 Watts	N-Male / N-Female	210.00 0.72 0.33	209.37 208.74 207.90
5438 ACH	Bird Electronics 4275-025 1 yr	20-1000 MHz 1000 Watts	N-Female / N-Female	190.00 0.69 0.31	189.43 188.86 188.10

Plug-in RF Signal Sampler Element

For RF signal observation, spectrum analysis or frequency measurment. Non directional coupler delivers an unrectified signal at about -50dB+/- 2dB. Use with a Bird 43 or 4410 series wattmeter.

e No. Uom	Manufacturer Mfg. P/N Warranty	Freq. Range Power Rating	Connectors	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
866 ACH	Bird Electronics 4274-025 1 yr	25-1000 MHz 500 Watts	Plug in element. Fixed -50dB +/- 2dB.	95.00 0.22 0.1	94.72 94.43 94.05

Dry RF Load Resistors [470-20]

If you are purchasing these, you may need:

Tool Kits, Complete. . . . . page 1523

Loads

For use in unused combiner ports or as dummy loads for alignment purposes (50 ohms).

Continuing product table (1 of 4)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector	Maximum Power Input (Watts) Freq. Range	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
20089 1 EACH	Wireless Solutions 26-8024 1 year	N-Female	100 mW 0-11 GHz	4.25 0.1 0.05	2.62 2.47 2.41
60801 1 EACH	AIM Electronics Corp CP-88T-50 1 year	BNC-Male	500 mW 0-11 GHz	3.00 0.1 0.05	2.16 2.10 2.03
47287 1 EACH	AIM Electronics Corp 27-9017 1 year	TNC-Male	500 mW 0-11 GHz	3.70 0.1 0.05	2.67 2.59 2.50
NEW 461003 1 EACH	Bird Electronics 0.5-T-MA 1 yr	SMA-Female	500mW DC-12 GHz	22.00 0.15 0.07	24.45 24.45 24.45
488160 1 EACH	Bird Electronics 0.5-T-MA 1 yr	SMA-Male	500mW DC-18 GHz	22.00 0.15 0.07	21.94 21.87 21.78
NEW 429305 1 EACH	Bird Electronics 0.5-T-FA 1 yr	SMA-Female	500mW DC-18 GHz	22.00 0.15 0.07	21.94 21.87 21.78
96701 1 EACH	AIM Electronics Corp 27-9007 1 year	BNC-Male	500 mw DC- 11 GHz, 75 ohm*	4.05 0.13 0.06	2.92 2.84 2.73
21949 1 EACH	RFS Celwave AL001 1 yr	BNC-Male	1 W 25-1000 MHz	15.00 0.21 0.1	11.58 11.48 11.33
NEW 425380 1 EACH	MECA Electronics Inc. 403-1 1 yr	N/Male	15 Watts DC-12 GHz	56.00 0.19 0.09	53.20 51.52 50.40

Power Measurement

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Continuing product table (2 of 4)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector	Maximum Power Input (Watts) Freq. Range	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 453310 1 EACH	MECA Electronics Inc. 405-1 1 yr	N-Male	5 W DC- 3000 MHz	35.00 0.13 0.06	33.25 32.20 31.50
NEW 459327 1 EACH	MECA Electronics Inc. 468-2 1 Yr	SMB-Male	1 W DC- 6000 MHz	30.00 0.09 0.04	28.50 27.60 27.00
NEW 468325 1 EACH	MECA Electronics Inc. 401-1F3 1 yr	N-Male	2 W DC- 3000 MHz	20.00 0.14 0.06	19.00 18.40 18.00
NEW 474383 1 EACH	MECA Electronics Inc. 404-1 1 yr	N/Male	35 Watts DC - 6 GHz	85.00 0.44 0.2	80.75 78.20 76.50
NEW 487321 1 EACH	MECA Electronics Inc. 480-1 1 yr	N-Male	5 W DC- 6000 MHz	125.00 0.36 0.16	118.75 115.00 112.50
46634 1 EACH	AIM Electronics Corp 26-8023 1 yr	N-Male	1 Watt 0-11 GHz.	7.40 0.1 0.05	5.33 5.18 4.99
410144 1 EACH	Agilent Technologies 909D#011 1 yr	APC 3.5 female	2 W DC- 26.5 GHz	355.00 0.5 0.23	353.23 351.45 351.45
430127 1 EACH	Agilent Technologies 909A #013 1 yr	N female	2 W DC- 18 GHz	336.50 0.5 0.23	334.81 333.13 333.13
432151 1 EACH	Agilent Technologies 909A #012 1 yr	N Male	2 W DC- 18 GHz	336.50 0.5 0.23	334.81 333.13 333.13
451135 1 EACH	Agilent Technologies 909D 1 yr	APC 3.5 male	2 W DC- 26.5 GHz	375.00 0.5 0.23	373.13 371.25 371.25
59440 1 EACH	Decibel Products DB8922 1 yr	BNC Male	2 W DC-3 GHz	24.00 0.04 0.02	18.32 18.00 17.88
47274 1 EACH	Bird Electronics 2-T-FN 1 yr	N-Female	2 W DC-6 GHz	30.00 0.15 0.07	29.91 29.82 29.70
52877 1 EACH	Bird Electronics 2-T-MN 1 yr	N-Male	2 W DC-6 GHz	30.00 0.14 0.06	29.91 29.82 29.70
467008 1 EACH	Bird Electronics 2-NT-MN 1 yr	N-male	2 W DC-3 GHz	40.00 0.15 0.07	39.88 39.76 39.60
59239 1 EACH	Bird Electronics 2-T-MT 1 yr	TNC-Male	2 W DC-4 GHz	30.00 0.4 0.18	29.91 29.82 29.70
443002 1 EACH	Bird Electronics 5-NT-MN 1 yr	N-male	5 W DC-3 GHz	60.00 0.15 0.07	59.82 59.64 59.40
73702 1 EACH	Bird Electronics 5-T-MB 1 yr	BNC-Male	5 W DC-4 GHz	50.00 0.25 0.11	49.85 49.70 49.50
22095 1 EACH	Bird Electronics 5-T-MN 1 yr	N-Male	5 W DC-6 GHz	50.00 0.15 0.07	49.85 49.70 49.50
82335 1 EACH	Bird Electronics 5-T-FN 1 yr	N-Female	5 W DC-6 GHz	50.00 0.06 0.03	49.85 49.70 49.50
82939 1 EACH	RFS Celwave AL005 1 year	N-Male	5 W 25Mhz - 1 Ghz	50.00 0.1 0.05	38.60 38.25 37.75
464012 1 EACH	Bird Electronics 10-NT-MN 1 yr	N-male	10 W DC-4 GHz	75.00 0.4 0.18	74.78 74.55 74.25
44776 1 EACH	Bird Electronics 10-T-MB 1 yr	BNC-Male	10 W DC-10 GHz	65.00 1 0.45	64.81 64.61 64.35
34060 1 EACH	Bird Electronics 10-T-FN 1 yr	N-Female	10 W DC-10 GHz	65.00 0.35 0.16	64.81 64.61 64.35
72453 1 EACH	Bird Electronics 10-T-MN 1 yr	N-Male	10 W DC-10 GHz	65.00 0.24 0.11	64.81 64.61 64.35
50031 1 EACH	Sinclair AL-015-0 2 yr	N-Female	15 W DC-1 GHz	72.00 0.17 0.08	59.04 54.00 53.28
453009 1 EACH	Bird Electronics 25-NT-MN 1 yr	N-male	25 W DC-3 GHz	110.00 0.73 0.33	109.67 109.34 108.90

Continuing product table (3 of 4)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Connector	Maximum Power Input (Watts) Freq. Range	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
95134 1 EACH	Bird Electronics 25-T-MB 1 yr	BNC-Male	25 W DC-4 GHz	100.00 0.25 0.11	99.70 99.40 99.00
95240 1 EACH	Bird Electronics 25-T-FE 1 yr	DIN Female	25 W DC-4 GHz	125.00 0.84 0.38	124.63 124.25 123.75
15067 1 EACH	Bird Electronics 25-T-FN 1 yr	N-Female	25 W DC-4 GHz	100.00 0.54 0.25	99.70 99.40 99.00
31562 1 EACH	Bird Electronics 25-T-MN 1 yr	N-Male	25 W DC-4 GHz	100.00 0.25 0.11	99.70 99.40 99.00
59241 1 EACH	Decibel Products DB4602 1 yr	N-Male	30 W DC-1 GHz	80.00 0.36 0.16	61.04 60.00 59.60
73500 1 EACH	EMR Corp. 1630 1 yr	N-Male	30 W DC-1.0GHz	55.00 0.5 0.23	42.46 41.97 41.25
98735 1 EACH	RFS Celwave AL030 1 yr	N-Male	30 W 25-1000 MHz	88.00 0.25 0.11	67.94 67.32 66.44
10924 1 EACH	Telewave, Inc. TWL35NM 1 yr	N-Male	35 W DC- 2.5GHz	79.00 0.26 0.12	60.83 60.04 59.25
49317 1 EACH	Telewave, Inc. TWL35UM 1 yr	UHF-male	35 W DC-1 Ghz	79.00 0.26 0.12	60.83 60.04 59.25
61987 1 EACH	Bird Electronics 50-T-FN 1 yr	N-Female	50 W DC-4 GHz	145.00 0.11 0.05	144.57 144.13 143.55
NEW 476334 1 EACH	Bird Electronics 50-T-MB 1 yr	BNC-Male	50 W DC-4 GHz	145.00 1.13 0.51	144.57 144.13 143.55
78698 1 EACH	Bird Electronics 50-T-MN 1 yr	N-Male	50 W DC-4 GHz	145.00 1.13 0.51	144.57 144.13 143.55
80216 1 EACH	Telewave, Inc. TWL50NF 1 yr	N-Female	50 W DC-1 GHz	151.00 1.08 0.49	116.27 114.76 113.25
27108 1 EACH	Bird Electronics 50-T-FT 1 yr	TNC-Female	50 W DC-4 GHz	145.00 0.11 0.05	144.57 144.13 143.55
448062 1 EACH	Bird Electronics 50-NT-MN 1 yr	N-male	50 W DC-3 GHz	155.00 1.12 0.51	154.54 154.07 153.45
33858 1 EACH	EMR Corp. 1640 1 yr	N-Male	60 W DC-1.0GHz	80.00 0.5 0.23	61.76 61.04 60.00
47508 1 EACH	Bird Electronics 75-T-FN 1 yr	N-Female	75 W DC-2.4 GHz	160.00 0.11 0.05	159.52 159.04 158.40
92181 1 EACH	Telewave, Inc. TWL75NM 1 yr	N-Male	75 W DC-2.5Hz	198.00 2.31 1.05	152.46 150.48 148.50
470025 1 EACH	Bird Electronics 75-NT-MN 1 yr	N-male	75 W DC-3 GHz	170.00 1.57 0.71	169.49 168.98 168.30
436067 1 EACH	Bird Electronics 100-NST-FN 1 yr	N-female	100 W DC-2.4 GHz	235.00 2.7 1.23	234.30 233.59 232.65
34979 1 EACH	Bird Electronics 100-T-MN 1 yr	N-Male	100 W DC-2.4GHz	225.00 3.65 1.66	224.33 223.65 222.75
46552 1 EACH	Decibel Products DB4303-B 1 yr	N-Male	100 W DC-1 GHz	177.00 3.58 1.63	135.06 132.75 131.87
71274 1 EACH	Telewave, Inc. TWL100NF 1 yr	N-Female	100 W DC-2.5 GHz.	247.00 4.62 2.1	190.19 187.72 185.25
77517 1 EACH	Bird Electronics 100-T-FN 1 yr	N-Female	100 W DC-2.4 GHz	225.00 3.65 1.66	224.33 223.65 222.75
19667 1 EACH	Telewave, Inc. TWL100UF 1 yr	UHF-Female	100 W DC-2.5GHz.	247.00 5.09 2.31	190.19 187.72 185.25
45823 1 EACH	EMR Corp. 1650 1 yr	N-Female	125 W DC-1.0GHz	190.00 3.3 1.5	146.68 144.97 142.50
30852 1 EACH	Bird Electronics 150-T-FN 1 yr	N-Female	150 W DC-2.4 GHz	290.00 6.52 2.96	289.13 288.26 287.10
66278 1 EACH	Telewave, Inc. TWL150NF 1 yr	N-Female	150 W DC-1 GHz	305.00 6.14 2.79	234.85 231.80 228.75

TESSCO TECHNOLOGIES®

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WWW.TESSCO.COM

NEW = New Listing. Pricing for reference only
See TESSCO.com for latest pricing and product
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tinuing product table (4 of 4)

rt No. y/Uom	Manufacturer Mfg. P/N Warranty	Connector	Maximum Power Input (Watts) Freq. Range	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
4671 EACH	Telewave, Inc. TWL150UF 1 yr	UHF-Female	150 W DC-2.5GHz	305.00 6.14 2.79	234.85 231.80 228.75
6187 EACH	Bird Electronics 300-T-FN 1 yr	N-Female	300 W DC-2.4 GHz	475.00 12.59 5.72	473.58 472.15 470.25
8609 EACH	Telewave, Inc. TWL50UF 1 yr	UHF-Female	50 W DC-2.5GHz.	151.00 1.13 0.51	116.27 114.76 113.25

Oil Filled RF Load Resistors [470-22]

If you are purchasing these, you may need:

Tool Kits, Complete. . . . . page 1523

il Filled Loads

57361 95754 44147 94505 81291

rt No. y/Uom	Manufacturer Mfg. P/N Warranty	VSWR Connector	Maximum Input Power (Watts) Freq. Range	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
7361 EACH	Bird Electronics 8135 1 yr	1.1:1 QC N-Female	150 W DC-4 GHz	272.00 6.05 2.75	272.00 272.00 272.00
5754 EACH	Bird Electronics 8135/UHF 1 yr	1.5:1 QC UHF-Female	150 W DC-4 GHz	272.00 6.38 2.9	272.00 272.00 272.00
4147 EACH	Bird Electronics 8141 1 yr	1.1:1 QC N-Female	250 W DC-2.5 GHz	405.00 13.29 6.04	405.00 405.00 405.00
4505 EACH	Bird Electronics 8201 1 yr	1.1:1 QC N-Female	500 W DC-2.5 GHz	596.00 23 10.45	596.00 596.00 596.00
1291 EACH	Bird Electronics 8251 1 yr	1.3:1 QC LC/F & N/F	1000 W DC-2.4 GHz	862.00 27 12.27	859.42 856.83 853.38

RF Attenuators [470-30]

If you are purchasing these, you may need:

Tool Kits, Complete. . . . . page 1523

Bidirectional RF Attenuators

485096 418387 419385 434326 458375 468347

494309 495320 499386 436101

Bidirectional RF Attenuators

48523

• VSWR Model 8498A: 8GHz (1.15:1), 12.4GHz (1.25:1), 18GHz (1.3:1)

Continuing product table (1 of 3)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Maximum Power Input (Watts) Freq. Range	VSWR Connectors	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
485096 1 EACH	Bird Electronics 0.5-A-MFA-03 1 yr	0.5W / 3dB DC-18 GHz	1.35:1 SMA-M to SMA-F	62.00 0.1 0.05	61.82 61.63 61.38
413081 1 EACH	Bird Electronics 0.5-A-MFA-06 1 yr	0.5W / 6dB DC-18 GHz	1.35:1 SMA-M to SMA-F	62.00 0.1 0.05	61.82 61.63 61.38
462085 1 EACH	Bird Electronics 0.5-A-MFA-10 1 yr	0.5W / 10dB DC-18 GHz	1.35:1 SMA-M to SMA-F	62.00 0.1 0.05	61.82 61.63 61.38
438077 1 EACH	Bird Electronics 0.5-A-MFA-20 1 yr	0.5W / 20dB DC-18 GHz	1.35:1 SMA-M to SMA-F	62.00 0.1 0.05	61.82 61.63 61.38
483066 1 EACH	Bird Electronics 0.5-A-MFA-30 1 yr	0.5W / 30dB DC-18 GHz	1.35:1 SMA-M to SMA-F	62.00 0.1 0.05	61.82 61.63 61.38
84694 1 EACH	JFW Industries Inc. 50F-006N 1 yr	1W/ 6dB DC-2.2 GHz	1:2:1 to 1:4:1 N-M to N-F	53.90 0.1 0.05	53.47 53.37 53.10
23810 1 EACH	Bird Electronics 2-A-MFB-01 1 yr	2W / 1dB DC-4 GHz	1.25:1 BNC-M to BNC-F	35.00 0.08 0.04	34.90 34.79 34.65
36444 1 EACH	Bird Electronics 2-A-MFN-01 1 yr	2W / 1dB DC-4 GHz	1.25:1 N-M to N-F	54.00 0.2 0.09	53.84 53.68 53.46
NEW 418387 1 EACH	MECA Electronics Inc. 660-03-1 1 yr	1W / 3dB DC- 2.5GHz	1.30:1 SMA/M- SMA/F	25.00 0.04 0.02	23.75 23.00 22.50
NEW 419385 1 EACH	MECA Electronics Inc. 611-03-1 1 yr	2W / 3dB DC- 3GHz	1.10:1 to 1.35:1 N/M - N/F	30.00 0.18 0.08	28.50 27.60 27.00
NEW 434326 1 EACH	MECA Electronics Inc. 660-06-1 1 yr	1W / 6dB DC- 2.5GHz	1.30:1 SMA/M- SMA/F	25.00 0.04 0.02	23.75 23.00 22.50
NEW 458375 1 EACH	MECA Electronics Inc. 611-06-1 1 yr	2W / 6dB DC- 2GHz	1.10:1 to 1.35:1 N/M - N/F	45.00 0.18 0.08	42.75 41.40 40.50
NEW 468347 1 EACH	MECA Electronics Inc. 611-20-1 1 yr	2W / 20dB DC- 3GHz	1.10:1 to 1.35:1 N/M - N/F	30.00 0.18 0.08	28.50 27.60 27.00
NEW 494309 1 EACH	MECA Electronics Inc. 660-20-1 1 yr	1W / 20dB DC- 2.5GHz	1.30:1 SMA/M- SMA/F	25.00 0.04 0.02	23.75 23.00 22.50

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Continuing product table (2 of 3)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Maximum Power Input (Watts) Freq. Range	VSWR Connectors	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 495320 1 EACH	MECA Electronics Inc. 611-10-1 1 yr	2W / 10dB DC- 3GHz	1.10:1 to 1.35:1 N/M - N/F	32.15 0.18 0.08	30.54 29.57 28.93
NEW 499386 1 EACH	MECA Electronics Inc. 660-10-1	1W / 10dB DC- 2.5GHz	1.30:1 SMA/M- SMA/F	25.00 0.04 0.02	23.75 23.00 22.50
68740 1 EACH	Bird Electronics 2-A-MFB-02 1 yr	2W / 2dB DC-4 GHz	1.25:1 BNC-M to BNC-F	35.00 1 0.45	34.90 34.79 34.65
98763 1 EACH	Bird Electronics 2-A-MFN-02 1 yr	2W / 2dB DC-4 GHz	1.25:1 N-M to N-F	54.00 0.2 0.09	53.84 53.68 53.46
20482 1 EACH	Bird Electronics 2-A-MFB-03 1 yr	2W / 3dB DC-4 GHz	1.25:1 BNC-M to BNC-F	35.00 0.08 0.04	34.90 34.79 34.65
50632 1 EACH	Bird Electronics 2-A-MFN-03 1 yr	2W / 3dB DC-4 GHz	1.25:1 N-M to N-F	54.00 1 0.45	53.84 53.68 53.46
47689 1 EACH	Bird Electronics 2-A-MFB-06 1 yr	2W / 6dB DC-4GHz	1.25:1 BNC-M to BNC-F	35.00 0.08 0.04	34.90 34.79 34.65
89025 1 EACH	Bird Electronics 2-A-MFN-06 1 yr	2W / 6dB DC-4 GHz	1.25:1 N-M to N-F	54.00 1 0.45	53.84 53.68 53.46
486138 1 EACH	JFW Industries Inc. 50HF-006-N 1 yr.	2W/6dB DC-18GHz	1.25:1 N-M to N-F	149.00 2 0.91	147.81 147.51 146.77
81175 1 EACH	Bird Electronics 2-A-MFB-08 1 yr	2W / 8dB DC-4 GHz	1.25:1 BNC-M to BNC-F	35.00 0.06 0.03	34.90 34.79 34.65
57669 1 EACH	Bird Electronics 2-A-MFN-10 1 yr	2W / 10dB DC-4GHz	1.25:1 N-M to N-F	54.00 1 0.45	53.84 53.68 53.46
89592 1 EACH	Bird Electronics 2-A-MFB-10 1 yr	2W / 10dB DC-4 GHz	1.25:1 BNC-M to BNC-F	35.00 0.1 0.05	34.90 34.79 34.65
54320 1 EACH	JFW Industries Inc. 50HF-010-N 1 yr.	2W/10dB DC-18GHz	1.25:1 N-M to N-F	149.00 2 0.91	147.81 147.51 146.77
63660 1 EACH	Bird Electronics 2-A-MFN-20 1 yr	2 Watts DC-4 GHz	1.25:1 N/M to N/F	54.00 0.22 0.1	53.84 53.68 53.46
75417 1 EACH	Bird Electronics 2-A-MFB-20 1 yr	2W / 20dB DC-4 GHz	1.25:1 BNC-M to BNC-F	35.00 0.08 0.04	34.90 34.79 34.65
79990 1 EACH	Bird Electronics 2-A-MFA-20 1 yr	2W / 20dB DC-4 GHz	1.25:1 SMA-M to SMA-F	35.00 0.1 0.05	34.90 34.79 34.65
426049 1 EACH	MECA Electronics Inc. 605-20-1 1 yr	2W / 20dB DC-6 GHz	1.25:1 Max. N-M to N-F	140.00 0.14 0.06	133.00 128.80 126.00
469154 1 EACH	JFW Industries Inc. 50HF-020-N 1 yr.	2W/20dB DC-18GHz	1.25:1 N-M to N-F	149.00 2 0.91	147.81 147.51 146.77
460198 1 EACH	MECA Electronics Inc. 605-30-1 1 yr	2W / 30dB DC-6 GHz	1.25:1 Max. N-M to N-F	129.00 0.25 0.11	122.55 118.68 116.10
65484 1 EACH	Bird Electronics 5-A-MFN-03 1 yr	5W / 3dB DC-4 GHz	1.25:1 N-M to N-F	76.00 0.2 0.09	75.78 75.55 75.24
90663 1 EACH	Bird Electronics 5-A-MFN-06 1 yr	5W / 6dB DC-4 GHz	1.25:1 N-M to N-F	76.00 0.19 0.09	75.78 75.55 75.24
39056 1 EACH	Bird Electronics 5-A-MFN-10 1 yr	5W / 10dB DC-4 GHz	1.25:1 N-M to N-F	76.00 0.2 0.09	75.78 75.55 75.24
77449 1 EACH	Bird Electronics 5-A-MFN-20 1 yr	5W / 20dB DC-4 GHz	1.25:1 N-M to N-F	76.00 0.19 0.09	75.78 75.55 75.24
25842 1 EACH	Bird Electronics 5-A-MFN-30 1 yr	5W / 30dB DC-4 GHz	1.25:1 N-M to N-F	76.00 0.19 0.09	75.78 75.55 75.24
64235 1 EACH	Bird Electronics 10-A-MFN-03 1 yr	10W / 3dB DC-4 GHz	1.25:1 N-M to N-F	89.00 0.4 0.18	88.74 88.47 88.11
12628 1 EACH	Bird Electronics 10-A-MFN-06 1 yr	10W / 6dB DC-4 GHz	1.25:1 N-M to N-F	89.00 0.36 0.16	88.74 88.47 88.11
37807 1 EACH	Bird Electronics 10-A-MFN-10 1 yr	10W / 10dB DC-4 GHz	1.25:1 N-M to N-F	89.00 0.35 0.16	88.74 88.47 88.11

Continuing product table (3 of 3)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Maximum Power Input (Watts) Freq. Range	VSWR Connectors	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
76200 1 EACH	Bird Electronics 10-A-MFN-20 1 yr	10W / 20dB DC-4 GHz	1.25:1 N-M to N-F	89.00 0.2 0.09	88.74 88.47 88.11
24593 1 EACH	Bird Electronics 10-A-MFN-30 1 yr	10W / 30dB DC-4 GHz	1.25:1 N-M to N-F	89.00 0.2 0.09	88.74 88.47 88.11
11379 1 EACH	Bird Electronics 25-A-MFN-03 1 yr	25W / 3dB DC-4 GHz	1.25:1 N-M to N-F	134.00 0.78 0.35	133.60 133.20 132.66
88165 1 EACH	Bird Electronics 25-A-MFN-06 1 yr	25W / 6dB DC-4 GHz	1.25:1 N-M to N-F	134.00 0.2 0.09	133.60 133.20 132.66
36558 1 EACH	Bird Electronics 25-A-MFN-10 1 yr	25W / 10dB DC-4 GHz	1.25:1 N-M to N-F	134.00 0.91 0.41	133.60 133.20 132.66
80671 1 EACH	Bird Electronics 25-A-FFN-10 1 yr	25W / 10dB DC-4.0 GHz	1.25:1 N-F to N-F	134.00 0.98 0.45	133.60 133.20 132.66
74951 1 EACH	Bird Electronics 25-A-MFN-20 1 yr	25W / 20dB DC-4 GHz	1.25:1 N-M to N-F	134.00 0.87 0.4	133.60 133.20 132.66
23344 1 EACH	Bird Electronics 25-A-MFN-30 1 yr	25W / 30dB DC-4 GHz	1.25:1 N-M to N-F	134.00 0.76 0.35	133.60 133.20 132.66
436101 1 EACH	Agilent Technologies 8498A-030 1 yr	25W/ 30dB DC - 18 GHz	see table specifications N/F - N/M	1,385.00 3 1.36	1,378.00 1,371.1! 1,371.1!
NEW 30888 1 EACH	Bird Electronics 50-A-FFN-30 1 yr	50 W DC to 2.4GHz	1G 1.10:1; 2.4G 1.25:1 Type N (f-f)	186.00 4 1.82	185.45 184.89 184.14
48523 1 EACH	Bird Electronics 75-A-MFN-06 1 yr	75W / 6dB DC-2.4 GHz	1.25:1 N-M to N-F	206.00 5.27 2.4	205.39 204.77 203.94
61737 1 EACH	Bird Electronics 75-A-MFN-03 1 yr	75W / 3dB DC-2.4 GHz	1.25:1 N-M to N-F	206.00 1.64 0.75	205.39 204.77 203.94
82319 1 EACH	Bird Electronics 100-A-MFN-03 1 yr	100 W DC-2.4GHz	1.25:1 N-M to N-F	265.00 0.3 0.14	264.21 263.41 262.35
90435 1 EACH	Bird Electronics 100-A-MFN-30 1 yr	100w / 30dB DC-2.4 GHz	1.25:1 N-M to N-F	265.00 5 2.27	264.21 263.41 262.35

4 Piece Kit, 3/6/10/20 dB

447127

This kit includes a 3, 6, 10 and 20 db, 50 ohm, 1 W BNC Attenuators. The RFA-4057-A kit includes a 50 ohm, 2 watt shunt and a 50 ohm, 30 W, 300 MHz Dummy Load.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Maximum Power Input (Watts) Freq. Range	VSWR Connectors	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
447127 1 EACH	Bird Electronics 3-A-MFB-K1 1 yr	3W DC-4 GHz	1.25:1 BNC-M to BNC-F	100.00 0.08 0.04	99.70 99.40 99.00
51496 1 EACH	RF Industries RFA-4057-A 1 yr	Atten. 1W, Shunt 2 W, Load 30 W 300 MHz	Attenuator and Shunt have BNC, Load has UHF	524.05 2.18 0.99	366.84 303.95 288.23

NEW = New Listing. Pricing for reference onl
See TESSCO.com for latest pricing and produc
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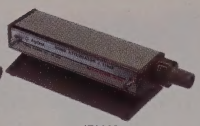
riable Attenuator

452180

437184



471185

82222

VR for Models 8494B and 8496B: 8GHz (1.5:1), 4GHz (1.6:1), 18GHz (1.9:1)
VR for Model 8495B: 8 GHz (1.35:1), 12.4GHz :1), 18GHz (1.7:1)

• VSWR for Model RFA4056-03: 1 GHz (1.4:1)

No. Jom	Manufacturer Mfg. P/N Warranty	Maximum Power Input (Watts) Freq. Range	VSWR Connectors	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
180 CH	Agilent Technologies 8494B-001 1 yr	1W/ 0-11dB DC - 18 GHz	11 switch 0-11dB in 1dB steps N/F - N/F	1,288.00 3 1.36	1,281.56 1,275.12 1,275.12
175 CH	Agilent Technologies 8494B-002 1 yr	1W/ 0-11dB DC - 18 GHz	11 switch 0-11dB in 1dB steps SMA/F - SMA/F	1,288.00 3 1.36	1,281.56 1,275.12 1,275.12
191 CH	Agilent Technologies 8495B-001 1 yr	1W/ 0-70dB DC - 18 GHz	7 switch 0-70dB in 10dB steps N/F - N/F	938.00 3 1.36	933.31 928.62 928.62
184 CH	Agilent Technologies 8495B-002 1 yr	1W/ 0-70dB DC - 18 GHz	7 switch 0-70dB in 10dB steps SMA/F - SMA/F	938.00 3 1.36	933.31 928.62 928.62
185 CH	Agilent Technologies 8496B-001 1 yr	1W/ 0-110dB DC - 18 GHz	11 switch 0-110dB in 10dB steps N/F - N/F	1,288.00 3 1.36	1,281.56 1,275.12 1,275.12
159 CH	Agilent Technologies 8496B-002 1 yr	1W/ 0-110dB DC - 18 GHz	11 switch 0-110dB in 10dB steps SMA/F - SMA/F	1,288.00 3 1.36	1,281.56 1,275.12 1,275.12
22 CH	RF Industries RFA-4056-03 1 yr	1W/ 0-31dB DC - 1 GHz	5 switch attenuator. 0-31dB in 1dB steps. BNC/M - BNC/F	272.90 0.35 0.16	252.43 249.70 245.61

Field Strength Meters [470-35]

If you are buying these, you might need:

Coaxial Cable and Transmission Line . . . . . .page 368

d Strength Meters

251

79644

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
51 CH	Bird Electronics 4030 1 yr	Field strength plug-in element for Bird Thruline wattmeters. 1-1000MHz,30dB minimum dynamic range. Compatible with 30uA Bird meters.	165.00 0.22 0.1	164.51 164.01 163.35
44 CH	Bird Electronics 4041 1 yr	Stand alone field strength meters.Hasflexible receiving antenna, high pass filter network, & variable gain RF amplifier detector. 1-1000MHz, 30dB minimum dynamic range.	336.00 0.76 0.35	335.00 333.99 332.64

Triplett SatAlign Signal Strength Meter

485198

The Triplett SatAlign signal strenth meter, the quick "DO-IT-YOURSELF" way to install or realign your satellite dish

- Frequency Range: 950 MHz to 2050 MHz
- Input Impedance: 75 Ohm
- Range: -40 to 10 dBm
- Insertion Loss: 4 dB
- Powered by the Satellite Receiver

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **485198** 1 EACH	Triplett 3275 1 yr	The Triplett SatAlign is a quick way to align a DBS satellite dish. Max. Input -10dB	39.95 2 0.91	39.95 39.56 39.16

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T1, T3, SONET Analyzers [765-10]

NIST/ANSI Calibration Services From TESSCO

RF & Microwave Test Equipment . . . . . .page 1402

AVO MEGGER T1 Testers

414269

The Megger InterroGator 10T1 and 20T1 are compact, feature packed T1 handheld test sets that can be used for in-service or out-of-service testing. They have been designed to evaluate the integrity, configuration and performance of a T1 facility by locating complete failures in a transmission line or a piece of equipment, verifying network performance, isolating faulty DTE or DCE and determining faulty tranmission channels. Complete end-to-end testing may be performed at any point in the span by utilizing industry standard loop codes. The units may be used at the DSX-1 cross connect jack panel, bridged onto the span or can be a substitute for transmission equipment for real world testing. Telco Installation and Maintenance personnel of Private Networks and Service Providers who are responsible for turning-up and maintaining their DS1 and HDSL/2 spans are perfect candidates for the the MEGGER InterroGator. Cellular providers who need to measure network delays associated with cellular service would also use the InterroGator.

- MEGGER InterroGator Hand-held T1 Span Verifier and Tester
- Truly portable field test set, ideal for outside plant ap
- Determines T1 framing and BERT patterns
- Model 10T1 provides T1 BERT results for Bit, BPV, Frame, CRC6, and Errored seconds
- InterroGatr 10T1 alarm results: Signal present, out of fram, Pattern sync loss, Excess zero, Ones density and DS1 idle code
- Measures DS1 level and frequency in volts and dB
- Detects timing problems clock slips, measures DS0 level and frequency
- InterroGator 20T1 additional features: Smart Repeater T1 loop codes
- Transmits standard HDSL T1 loop codes
- Half-duplex Drop & Insert testing, Detects DTMF, High contrast 4X20 LCD display
- Model 20T1 performs BERT on one of 17 standard stress patterns and two user-definable 32-bit patterns
- Expanded suite of test patterns, G.821 performace analysis, Printer port.
- Power: 3.6V 4 ah NiMH (8 hours) Low battery indicator
- Dimensions: 1.75" X 5" X 9" Weight 1 lb. 10 oz.
- Includes: 5 ft. Bantam-to-Bantam cable, Power Supply, Carry Case and Manual

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Megger	InterroGator-10T1 T1 Span Verifier	1,995.00	1,985.03
414269	INTERR-10T1		8	1,975.05
1 EACH	1 Year		3.64	1,965.08
NEW	Megger	Enhanced T1 Tester Megger T1 Span Verifier transmits	2,995.00	2,980.03
444364	INTERR-20T1	standard, HDSL and Smart Repeater T1 loop codes	5	2,965.05
1 EACH	1 Year		2.27	2,950.08

Acterna T-BERD T1 Analyzer

The T-BERD 107A delivers complete T-1 testing power in a rugged, handheld battery-operated package. The front panel LEDs and results summary display give you an immediate view of results. Battery lasts up to four hours. Features include auto-configuration mode to reduce test set up time, automated BRIDGTAP and MULTIPAT tests, channel monitor for troubleshooting DSO problems, and fractional T1 capabilities for BER testing on contiguous and non-contiguous FT1 bandwidths. All units include soft carrying case, printer cable, and AC adapter/charger.

- T-Carrier Service Provider Package P1 Features Includes:
- SLC Decode (107A-1) Subsciber Line Code
- Advanced Stress Patterns (107A-2) advance BERT stress pattern for T1 qualification
- Enhanced ESF (107A-3)
- Smart Loopback/Command Codes (107A-4) ability to loop CSUs, Smart Jacks, Repeaters
- Fractional T1 (107A-5)
- Power: AC adapter 120 VAC and lead acid battery 4 hours life
- Dimensions: 8.5" H x 4.25" W x 3.25" D Weight 4.5 lbs.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
51738	Acterna	T-BERD T-Carrier analyzer, model 107A. Includes soft	4,095.00	4,095.00
1 EACH	107A	carry case, printer cable, AC adapter/charger.	12	4,095.00
	3 Years		5.45	4,095.00
40407	Acterna	T-BERD T1/FT1 107A-P1 Carrier Analyzer Service Pro-	6,670.00	6,670.00
1 EACH	107A-P1	vider: SLC Decode, ASF, Enhanced ESF, Sm.Lpbk/Cmnd	12	6,670.00
	3 Years	Codes, Frational T1, SOft case, AC adapter/charger, Printer cable.	5.45	6,670.00

FLUKE Networks QuickBERT-T1 Tester

The Fluke 635 is a compact, handheld T1 test set fo construction installation and troubleshooting applica tions. It performs bit-error tests, detects framing typ line coding and bit pattern, and displays signal level, fr quency, clock slips, errors and alarms. The 635 trans- mits the most commonly used loop codes, including HDSL. Full, unframed and fractional (56K abd 64K) T are supported, along with display of signaling and dat bits and capture of DTMF digits. Plus, individual voice channels may be monitored on the built-in speaker o over a headset. The 635 is compact, lightweight, rugg and easy to use. Just plug it in and you can immediat see essential information without scolling through la ers of menus.

- Full featured, handheld T1 test set
- Instantaneous detection and display of framing, line coding, errors, alarms, level, frequency and more
- Transmits and receives common Bit Error Rate Test BERT patterns
- Connectors: Rx T1 Receiver Term/Mon/Bridge, Tx T1 Transmitter, Ref T1 Receiver: Bantam jack
- Power: Battery Pack: rechargeable, NiMH Life 6 Hrs. with low battery indicator
- Dimensions: 1.75" x 5" x 9" L Weight 1 lb, 10 oz.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
418111	Fluke Networks	QuickBERT T1 Tester: performs BERT and FT1 BERT,	2,995.00	2,995.
1 EACH	635	capture DTMF, measures DS1 frequency Includes: Case,	8	2,995.
	1 Year	toolpack, AC adapter, 2 Bantam-to-Bantam cables	3.64	2,995.
478192	Fluke Networks	Cable Kit: 2 Bantam-to-310, 2 Bantam-to-alligator clip	295.00	295.0
1 EACH	633/635-KIT	cables and 1 Bantam-to-RJ48 cable.	3	295.0
	1 Year		1.36	295.0

Acterna T-BERD T3 Analyzer

The T-BERD 307 goes wherever it is needed. Test fro central office to the customer premises, and anywhe in-between. Monitor and analyze DS1 tributaries at D access points. Troubleshoot DS1 signals while verifyi DS3 circuits. Simulate network equipment and loop- back customers equipment. Options include: DS1 tin ing slips, multiplexed DS3 patterns, individual DS1/D transmit and receive ports, VF Channel monitoring a auto-detect to DS1/DS3 framing and pattern.

- Features Include:
- Quickly identify timing impairments, a common source of errors in asynchronous and synchronous networks
- Access the DS1 timing reference from DS3 or DS1 access points
- Simulate a multiplexer or a 3:1 cross-connect for DS3 and DS1 circuit qualification
- Listen to individual VF channels, measure VF level and frequency, and monitor ABCD signaling bits o all 24 channels
- Use the T-BERD 307's unmatched flexibility to tes from multiple access points in the network
- Quickly generate hard copies of test results with the T-BERD 307's printing feature
- Dimensions: 8.5" H x 4.24" W x 3.25" D Weight 4.2 lbs.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
69765	Acterna	T-BERD 307 Communications analyer . DS3 only	4,895.00	4,895.
1 EACH	TB307		14	4,895.
	3 Years		6.36	4,895.
40590	Acterna	T-BERD 307 Communications analyer with DS1 Analy-	6,690.00	6,690.
1 EACH	TB307-P1	sis. Supports DS1, DS3 technologies.	14	6,690.
	3 Years		6.36	6,690.

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terna TestPad 2000 Platform

dular TestPad 2000 architecture enables up-to-e support in a single platform

nprehensive testing solution for multiple net-rk applications and technologies

-to-use, touch-screen graphical user interface JI) simplifies and expedites testing

- Supported Application Modules Include: (2207/09) T1/T3 DS1/DS3, (2109) Copper Analyzer, (2357) DSL Broadband, (2310) SONET, (2416) SDH, and (2510) 10-Gig Services Modules
- Dual PCMCIA slots support easy field installation of software and future upgrades (see 2000 Software table)
- Application/Service Modules Required see Acterna TestPad 2000 Service Module table. Case sold separately sku 450189

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
114 CH	Acterna 2000-SV3 3 Years	TestPad 2000 Color User Interface Module (UIM), Includes: Kickstand, AC adapter/charger, and printer cable, Application Module REQUIRED. Case sold separately	2,995.00 8 3.64	2,995.00 2,995.00 2,995.00
189 CH	Acterna CC44423 1 Year	Soft Carrying Case for TestPad 2000 one Module and accessories.	95.00 3 1.36	95.00 95.00 95.00
046 CH	Acterna CC-45158 1 Year	Large Soft Carrying Case for TestPad 2000 and Multiple Modules (3)	200.00 15 6.82	200.00 200.00 200.00

erna TestPad 2000 Service Modules

The TestPad 2000 modules offer field Interchangeability, a comprehensive solution for multiple network applications and technologies. Applications modules vary from basic T1/T3 to xDSL, SONET, 10-Gigbit, and SDH Testing.

ule 2207 T1/T3 Services Module: Isolate and bleshoot physical layer problems, verify network ing and signal delays for T1 channels, qulaify DS3 T for M13 and C-bit framing, and monitor voice ty

ule 2109 Copper Analyzer Module: Telecom ing Copper for xDSL, DDS, T1 and ISDN ser-s, AC faults, bridge taps or wet sections. des: TDR, DVOM and ISDN BRI

- Module 2357 DSL Broadband Services Module: Validates DSL physical layer performance, IP PING to test ISP connectivity and performance, ATM cell loopback to validate ATM Virtual circuit, LAN Tests Ethernet connectivity

uing product table (1 of 2)

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
97 CH	Acterna TB2207-DS1 3 Years	DS1 Module for Isolating and troubleshoot physical layer problems REQUIRES TestPad 2000 (498114) Includes soft case	3,300.00 8 3.64	3,300.00 3,300.00 3,300.00
79 CH	Acterna TB2207-DS3 3 Years	DS1/DS3 Module for Isolating and troubleshoot physical layer problems REQUIRES TestPad 2000 (498114)	6,295.00 8 3.64	6,295.00 6,295.00 6,295.00
03 CH	Acterna 2109 3 Years	Copper Analyzer Module, for copper xDSL, DDS, T1 and ISDN services, REQUIRES TestPad 2000 (498114) case not included	3,500.00 15 6.82	3,500.00 3,500.00 3,500.00
68 CH	Acterna TB2357 3 Years	DSL Broadband Services Module: Validates DSL physical layer performance REQUIRES Testpad 2000-V3 case not included, REQUIRES MODEM	2,400.00 8 3.64	2,400.00 2,400.00 2,400.00
30 CH	Acterna TB2357-ALADSL 3 Years	Modem for 2357 Alcatel AL ATU-R (ADSL)	1,350.00 3 1.36	1,350.00 1,350.00 1,350.00
69 CH	Acterna TB2357-GSADSL 3 Years	Modem for 2357 Globespan GS ATU-R (ADSL)	1,350.00 3 1.36	1,350.00 1,350.00 1,350.00

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
431179 1 EACH	Acterna TB2357-GSSDSL 3 Years	Modem for 2357 Globespan GS XTU SDSL	1,350.00 3 1.36	1,350.00 1,350.00 1,350.00

Acterna TestPad 2000 Software Options

ACTERNA

- Modular TestPad 2000 Platform architecture enables up-to-date support in a single platform
- Advanced Stress Patterns-ASP: Transmit and receive fixed long patterns beyond standard patterns T1 patterns are designed to stress test the timing recovery circuits and span-line repeater ALBO circuitry
- Fractional T1-FT1: contiguous and noncontiguous, 56KxN and 64KxN, FT1 testing capabilities, qualification and testing of new FT1 circuits before connecting equipment, V.54 FT1 loopcode allows single set testing of FT1 circuits from T1 access point
- VC PCM TIMS: listen PCM encoded signals with built-in speader and no-intrusive monitor signals with two T1 receivers, measure VF tone and level transmit tones on individual PCM channel basis, variable frequency/level tones transmitted, noise measure
- Signaling SIG: ability of PBX/Switch to handle incoming calls, receive and monitor calls over several trunk types, send/receive DTMF digits to/from switches and PBX, dial-up VF circuits, measure inter-delay and digit/tone duration
- Primary Rate ISDN PRI: place and receive multiple voice/data calls, D-channel backup, support NFAS, support multiple call types 56K, 64K, Nx56 and HO
- VT100: enables user to switch from BER to VT100 terminal Emulation monitor or provision network elements performance monitoring NIUs or HDSL terminal units via RS-232
- ILE Intelligent Line Equipment: provides loop up and down individual T1 addressing repeaters, line repeaters, transmit switch commands, loop up and down HDSL, supports T1 equipment
- GSM Testing: full rate and enhanced full rate traffic monitoring, GSM results with TRAU frame values, Monitor the quality of GSM digital wireless traffic
- GSM LAP-D signaling results TRAU framing results, Measurement report message results average uplink signal quality and signal level
- TestPad required software options uploaded via PCMCIA card

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
55028 1 EACH	Acterna TB2207-FT1-U1 1 year	Fractional T1 Software option PCMCIA card for TestPad 2000	495.00 2 0.91	495.00 495.00 495.00
442113 1 EACH	Acterna TB2207-ASP-U1 1 year	ASP Advanced Stress Patterns Software option PCMCIA card for TestPad 2000	295.00 2 0.91	295.00 295.00 295.00
72038 1 EACH	Acterna TB2207-TIM-U1 1 year	VF-TIM Software option PCMCIA card for TestPad 2000	695.00 2 0.91	695.00 695.00 695.00
437136 1 EACH	Acterna TB2207-SIG-U1 1 year	SIG Signaling Software option PCMCIA card for TestPad 2000	795.00 2 0.91	795.00 795.00 795.00
448147 1 EACH	Acterna TB2207-PRI-U1 1 year	Primary Rate ISDN Software option PCMCIA card for TestPad 2000	1,295.00 2 0.91	1,295.00 1,295.00 1,295.00
463132 1 EACH	Acterna TB2207-ILE-U1 1 year	ILE Intelligent Line Software option PCMCIA card for TestPad 2000	295.00 2 0.91	295.00 295.00 295.00
478153 1 EACH	Acterna TB2207-VT100-U1 1 year	VT100 Emulation Software option PCMCIA card for TestPad 2000	495.00 2 0.91	495.00 495.00 495.00
484138 1 EACH	Acterna TB2207-GSM-U1 1 year	GSM Wireless Traffic Software option PCMCIA card for TestPad 2000	1,495.00 2 0.91	1,495.00 1,495.00 1,495.00
NEW 412182 1 EACH	Acterna TB2230-CAS 1 year	CAS Software Option for 2000 TestPad, Emulation/ Monitor, Ch.#, Time, State Rx byte, with Link Channel statistics, and dial modes for 2000 TestPad	1,640.00 0.25 0.11	1,640.00 1,640.00 1,640.00

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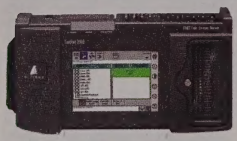
Acterna TestPad T1/T3 Service Kits

- Easy-to-use, touch-screen graphical user interface (GUI) simplifies and expedites testing
- Dual PCMCIA slots support easy installations of future upgrades
- Combined with DS1, DS3, ISDN PRI, and GSM features, provides an all-in-one solutions for high speed testing the TDM portion of the wireless networks
- Verify network routing ensuring all fractional T1 channel signals are terminated properly and with the correct timing
- Test the ability of a PBX/Switch to handle incoming calls
- Monitor the quality of GSM digital wireless traffic
- Each Kit Includes: TestPad 2000-V3 UIM, Kickstand, AC adapter/charger, Nylon Case and strap, and printer cable

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
73916 1 EACH	Acterna TB2207/DS1 3 Years	2207 DS1 Test Set, base unit all options field installable	6,295.00 15 6.82	6,295.00 6,295.00 6,295.00
473156 1 EACH	Acterna TB2207-P3 3 Years	2207 DS1, ASP, FT1, TIM, and SIG Software	8,575.00 15 6.82	8,575.00 8,575.00 8,575.00
56896 1 EACH	Acterna TB2207-P2 3 Years	2207 DS1/DS3 Analyzer Including ASP, FT1, TIMS, and SIG Software	11,570.00 15 6.82	11,570.00 11,570.00 11,570.00
460150 1 EACH	Acterna TB2207-P1 3 Years	2207 DS1/DS3 Analyzer Includes: ASP, FT1, TIMS, SIG, PRI, and VT100 Software	13,360.00 15 6.82	13,360.00 13,360.00 13,360.00
56921 1 EACH	Acterna TB2207-P3/GSM 3 Years	2207 DS1, Includes: GSM, ASP, FT1, TIM, SIG, and PCS-1900 (GSM)	10,070.00 15 6.82	10,070.00 10,070.00 10,070.00
56891 1 EACH	Acterna TB2207-P2/GSM 3 Years	2207 DS1/DS3 Analyzer Kit Includes GSM (PCS-1900), ASP, FT1, TIM, and SIG Software	13,065.00 15 6.82	13,065.00 13,065.00 13,065.00

Acterna SONET Services Module



The Acterna 2310 communications analyzer is a hand held, easy to use test set designed to test signal rates from DS0 to OC-48c. Quick, intuitive, and weighing only five pounds. Multiservice testing capabilities including ATM, GR-303, ISDN, signaling, voice frequency (VF), and digital data services (DDS). Optional SDH (2416) and 10-GBit (2510) service modules.

- Application Modules:
- Dual T1 Tx/Rx, with single DS3/STS1/OC-3, OC-12, and OC-48
- Standard connectors are FC Optional SC and ST connectors Available for OC modules
- Optional Software PCMCIA card: ATM-OC-3c and ATM OC-12c Analysis, ASP Advance Stress Patterns, FT1 Fractional T1, DDS Digial Data Services, GR-303 analysis, ILE Intelligent Line Equipment, and PRI Primary Rate ISDN see Software Table
- Supported Application Modules Include: 2207 T1/T3, 2109 Copper Analyzer, 2357 DSL Broadband, 2310 SONET, 2416 SDH, and 2510 10-Gig Services Modules see Module Table
- Connector Type for DS3 and STS1: WECO 560A jack for DS1 Bantam jack
- Dimensions Overall: 7.5" x 11.5" x 2.25" Weight: 5 lbs.
- Each Module Includes: Large Carrying Case, Charger and Printer Cable
- REQUIRES TestPad 2000 (415132) must be ordered Separately

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
415132 1 EACH	Acterna 2000-SV3 3 year	TestPad 2000 User Interface Module (UIM) Includes: Kickstand, AC adpater/charger, and printer cable Application Module REQUIRED	2,995.00 8 3.64	2,995.00 2,995.00 2,995.00
451163 1 EACH	Acterna TB2310-DS3A 3 Years	Dual T1 Rx/Tx Single DS3/DS1 Rx/Tx Application Module, REQUIRES 2000 TestPad (415132)	6,595.00 8 3.64	6,595.00 6,595.00 6,595.00
412151 1 EACH	Acterna TB2310-OC3FC 3 Years	Dual T1 Rx/Tx, Single DS3/STS1/OC3 Rx/Tx FC connector Application Module, REQUIRES 2000 TestPad (415132)	13,295.00 8 3.64	13,295.00 13,295.00 13,295.00
428168 1 EACH	Acterna TB2310-OC12FC 3 Years	Dual T1 Rx/Tx, Single DS3/STS1/OC-3/O-C12 Rx/Tx FC connector Application Module, REQUIRES 2000 TestPad (415132)	21,310.00 8 3.64	21,310.00 21,310.00 21,310.00
412144 1 EACH	Acterna TB2310-P5 3 Years	Dual DS3 Package Includes: 2000 TestPad, Dual DS3 Rx for T1, and VT100 Emulation, Carry case, charger, and printer cable.	12,085.00 15 6.82	12,085.00 12,085.00 12,085.00
414169 1 EACH	Acterna TB2310-ATM-DS3-U1 1 Years	ATM Analysis Software DS3 Field upgrade via PCMCIA card for qualifycation & testing of ATM circuits. REQUIRES TB2310-DS3 module	2,595.00 2 0.91	2,595.00 2,595.00 2,595.00

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
420173 1 EACH	Acterna TB2310-ATMOC3U1 1 Years	ATM Analysis Software OC-3 Field upgrade via PCMCIA card for qualifycation & testing of ATM circuits. REQUIRES TB2310-OC3 module	2,995.00 2 0.91	2,995. 2,995. 2,995.
NEW 485300 1 EACH	Acterna TB2310-P4 3 Years	Dual DS1 Package Includes: 2000 TestPad, Dual DS1 Rx for T1, and VT100 Emulation, Color Screen, Carry case, charger, and printer cable.	12,085.00 15 6.82	12,085 12,085 12,085
459120 1 EACH	Acterna TB2310-ATMOC12U1 1 Years	ATM Analysis Software OC-12 Field upgrade via PCMCIA card for qualifycation & testing of ATM circuits. REQUIRES TB2310-OC12 module	4,995.00 2 0.91	4,995. 4,995. 4,995.
447161 1 EACH	Acterna TB2310-GR303-U1 1 Years	GR303 Analysis Software Field upgrade via PCMCIA card for testing DS1 circuits only connects to TMC/CSC and EOC channels. REQUIRES TB2310-DS3	1,295.00 2 0.91	1,295. 1,295. 1,295.
451143 1 EACH	Acterna TB2310-DDS 1 Years	DDS Analysis Software Field upgrade via PCMCIA for 56/64K DDS circuits testing of OCU, DSDP, CSU loop-codes from T1 access. REQUIRES TB2310-Module	495.00 2 0.91	495.0 495.0 495.0
NEW 468304 1 EACH	Acterna TB2310-REM 1 Years	Remote Access Software GUI package	1,500.00 0.25 0.11	1,500. 1,500. 1,500.

If you are purchasing these, you may need:

Tool Kits, Complete. . . . . page 152
Workbenches, Complete w/ Accessories . . . . . page 164

Acterna T-BERD Channel Access Tester

With the constant demand for new services (T1, Fractional T1, GR-303, ISDN, DS3, STS-1, Caller ID, DDS. SS7) you need the capability to test multiple technologies without requiring multiple instruments. TTC's T-BERD 224 PCM Analyzer provides a powerful testing solution that handles all these services and still allows a high level of customization. A host of flexible and field-upgradeable options allow you to test services as soon as you add them and to cu tomize the T-BERD 224 to meet your specific requirements.

- Options Include:
- G.821 Performance Analysis to compare T1 under test to Bellcore specs
- Advanced Stress patterns for T1 qualification
- Fractional T1 option
- VF Option to send various tones for signal-to-not and attenuation analysis
- DSP, Digital Analysis, DDS, Primary ISDN, PRI/SS7 call trace, ESF/SLC, and T1 BERT
- Smart LB/Command Codes

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
472071 1 EACH	Acterna 224-P8 3 Years	T-BERD 224-P8 Analyzer package. Includes Mainframe, Fractional T1, Advanced Stress Patterns, G.821, VF Testing, Signaling, DSP, and T1 BERT Testing. TS-	11,360.00 30 13.64	11,36 11,36 11,36
436065 1 EACH	Acterna 224-P13 3 Years	T-BERD 224-P13 Includes: mainframe, Sonet/DS3, DSP, T1 BERT Testing, DSP.	18,475.00 30 13.64	18,47 18,47 18,47
40402 1 EACH	Acterna 224-P7 3 Years	T-BERD 224-P7 ,Includes T1 BERT, FT1, DDS, G.821, Advanced Stress Patterns, Smart LoopBack/Command Code, DSP, VF, Signalling, Primary Rate ISDN, SS7 with call trace, Caller ID, TR-303, ESF/SLC and Sonet/DS3 Analyzer.	27,710.00 25 11.36	27,71 27,71 27,71
477022 1 EACH	Acterna 11704 3 Years	Enhanced ESF/SLC Option for 224 mainframe, captures embedded data link infomation for complete & SLC-96/series 5 curcuit testing.	495.00 25 11.36	495 495 495
460070 1 EACH	Acterna 13466 3 Years	Fractional T1 Option for 224 mainframe drop & insert T1 & DDS test patterns for FT1 circuits insert single, burst, BPVs & logic across fractional bandwidth	695.00 25 11.36	695 695 695

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inuing product table (2 of 2)

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
0092 ACH	Acterna 13467 3 Years	DDS Option for 224 mainframe, monitor DDS circuits from T1, Loop DDS with OCU,DSU loop codes, patterns 63,511,2047 & bellcore DDS-1-DDS-6.	995.00 5 2.27	995.00 995.00 995.00
7040 ACH	Acterna 16262 3 Years	Primary Rate ISDN Option for 224 mainframe for non-intrusively monitoring PRI LINKS from T1 access.	995.00 5 2.27	995.00 995.00 995.00
6045 ACH	Acterna 41502 3 Years	Voice Frequency VF Option for 224 mainframe test Voice & Data circuits from T1 with DSP accuracy perform 3-tone slop using drop & insert.	495.00 5 2.27	495.00 495.00 495.00

terna T-BERD Communications Analyzer

e T-BERD 310 protects your test investment by enabling you to simultaneously test ATM, NET, DS3, DS1, and DS0 with one instrument. Features include automatic detection of NET, DS3, and DS1 signals, SONET testing (STS-1, OC-1, 3/3C, 12/12c), OpticalMedia test d, dual DS3 receivers, Thru Mode, DS3 pulse shape/DS3 jitter/signal analysis, and DS1 scan. M features include search and preview modes, ATM cell generator, traffic bandwidth analy- TTC test cell support, and OAM cell testing capabilities. Optional DS1/DS0 Analyzer Lid.

udes: Mainframe with SONET, 12 slot chassis,
E-488
Drop
Insert (drop and insert)

- PRM Performance report messaging generation and monitoring
- Timing slip measurement
- DS1 long user test patterns, fractional T1, and ESF synchronization messages
- G.821 results

anced DS1 testing - provides a signal path from l analyzer to the DS3 ATM analyzer for DS1 anal-

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
534 ACH	Acterna 310-P1S 3 Years	T-BERD 310-P1S; Supports DS0/DS1/DS3 ,DS1 Insert/ Secondary DS3 Rx, Enhanced DS1,G.821 Results	18,075.00 25 11.36	18,075.00 18,075.00 18,075.00

erna Data Test Unit

Acterna's Data Test Unit is designed to test wide area circuits and services. From DDS to T1, transmission facilities provide access for most of today's data users. In order to test these services effectively, you need to have digital access. The TPI 105 quickly isolates problems and minimizes your repair time, saving you time and money. This portable, rugged test unit accomplishes a full range of DS0, DS1, and T1/FT1 test options. Weighing only seven pounds and battery operated, it is ideal for downstream field testing by digital loop carrier (DLC) crews.

testing
T BRITE testing
local loop service and 4-wire Switched-56 ser-

nd FT1 testing

- ISDN line termination (LT) emulation mode
- Load coil testing
- DTE interface testing access

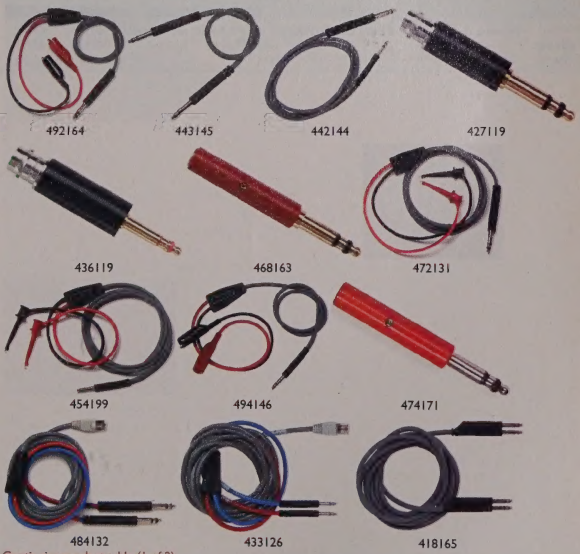
No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
97 CH	Acterna TPI105/4WLL/DS1-T 3 Years	Data Test Unit with 4-Wire Local Loop (4WLL) and DS1 Testing Capability (DS1-T).	7,010.00 15 6.82	7,010.00 7,010.00 7,010.00

Acterna Cable Accessories

40385 44164 40392

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
40371 1 EACH	Acterna CB-10615 1 year	DS1 Bantam to Bantam Cable 10ft.	35.00 0.24 0.11	35.00 35.00 35.00
40385 1 EACH	Acterna CB-30598 1 year	440A to 440A Cable 10ft.	45.00 1 0.45	45.00 45.00 45.00
44139 1 EACH	Acterna CB-10648 1 year	TTC Bantam plug to alligator clip cable. Overall length is 10 feet.	35.00 1 0.45	35.00 35.00 35.00
44164 1 EACH	Acterna CB-41645 1 year	TTC Split dual bantam plug to RJ-48 adapter.	65.00 0.5 0.23	65.00 65.00 65.00
482054 1 EACH	Acterna CB-30599 1 Year	440A to 358 Cable 10ft.	45.00 1 0.45	45.00 45.00 45.00
56718 1 EACH	Acterna 12041 3 Years	Acterna G.821 Performance Option evaluate long term performance with ITU-T recommended analysis.	195.00 5 2.27	195.00 195.00 195.00
70729 1 EACH	Acterna T1TEST-P2CB 1 Year	Cable, Accessory kit T1 DS3. Includes (4) CB-10615 Bantam to Bantam, (2) CB-10648 Bantam to Alligator clips, (1) CB-41645 Split-dual Bantam to RJ-48	275.00 2 0.91	275.00 275.00 275.00
NEW 446154 1 EACH	Acterna CB-015837 1 year	DS3 Cable, 440A to BNC 8Ft.	45.00 0.24 0.11	45.00 45.00 45.00
40392 1 EACH	Acterna CB-51120 1 year	TTC Bantam terminating plug. 100 Ohms resistance.	15.00 0.1 0.05	15.00 15.00 15.00
40494 1 EACH	Acterna TB2207-CLA 1 year	Cigarette Lighter Adapter and charger	95.00 15 6.82	95.00 95.00 95.00

Telecom/Data Cables and Adapters



492164 443145 442144 427119
436119 468163 472131
454199 494146 474171
484132 433126 418165

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 492164 1 EACH	Pomona Electronics 3352N-A-60 1 year	WE310 (M) Phone Plug to Insulated Alligator Clips, Nickel plated, Length 5 Ft.	37.75 0.25 0.11	37.74 36.99 35.86

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 443145 1 EACH	Pomona Electronics 4279N-60 1 year	Bantam Plug (M) to (M) Length 5 Ft. Nickel plated	29.80 0.25 0.11	29.78 29.19 28.30
NEW 467190 1 EACH	Pomona Electronics 4279-96 1 year	Bantam Plug (M) to (M) Length 8 Ft. Cable	28.95 0.25 0.11	28.92 28.35 27.48
NEW 442144 1 EACH	Pomona Electronics 4280N-60 1 year	WE310 (M) to Bantam Miniature (M), shielded cable Length 5 Ft. Nickel plated	40.80 0.25 0.11	40.80 39.99 38.76
NEW 496132 1 EACH	Pomona Electronics 5145 1 year	Double Banana Plug Shorting Bar	5.40 0.25 0.11	5.36 5.26 5.10
NEW 427119 1 EACH	Pomona Electronics 2798 1 year	WE310 (M) to BNC (F) Adapter	19.15 0.25 0.11	19.13 18.75 18.18
NEW 436119 1 EACH	Pomona Electronics 4719A 1 year	BNC (F) to Bantam Plug (M) Adapter Nickel plated (body), gold plated center contact	21.40 0.25 0.11	21.36 20.94 20.30
NEW 468163 1 EACH	Pomona Electronics 4993 1 year	Bantam (M) to WE310 (M) Adapter	29.60 0.25 0.11	29.58 28.99 28.11
NEW 472131 1 EACH	Pomona Electronics 4812N-J-60 1 year	WE310 (M) to Minigrabber test clips Length 5 Ft. Nickel plated, shielded cable	40.40 0.25 0.11	40.39 39.59 38.38
NEW 454199 1 EACH	Pomona Electronics 5019N-60 1 year	Bantam Plug (M) to Minigrabber test clips Length 5 Ft. Nickel plated, shielded cable	32.90 0.25 0.11	32.90 32.25 31.26
NEW 494146 1 EACH	Pomona Electronics 5026N-60 1 year	Bantam Plug (M) to Insulated Alligator Clips Length 5 Ft.	33.65 0.25 0.11	33.61 32.94 31.93
NEW 474171 1 EACH	Pomona Electronics 6315 1 year	Bantam (F) to WE310 (M) Adapter Nickel plated	34.90 0.25 0.11	34.88 34.19 33.14
NEW 484132 1 EACH	Pomona Electronics 6316-96 1 year	Two WE310 (M) to RJ48 Length 8 Ft. Nickel plated, shielded cable	71.30 0.25 0.11	71.30 69.88 67.74
NEW 433126 1 EACH	Pomona Electronics 6320-96 1 year	Two Bantam Plug (M) to RJ48, Length 8 Ft. Nickel plated, shielded cable	60.20 0.25 0.11	60.18 58.98 57.18
NEW 418165 1 EACH	Pomona Electronics 6331-96 1 year	Dual Bantam to Dual Bantam (M) Patch cord Length 8 Ft. Nickel plated, shielded cable	60.20 0.25 0.11	60.18 58.98 57.18
NEW 491111 1 EACH	Pomona Electronics 6319-96 1 year	WE310 (M) to RJ48 Length 8 Ft. Nickel plated, shielded cable	57.15 0.25 0.11	57.12 55.98 54.27
NEW 441123 1 EACH	Pomona Electronics 6339-72 1 year	RJ-11 to Insulated Alligator Clips w/bed of nails. Length 6 Ft.	69.40 0.25 0.11	69.36 67.98 65.90

LAN/WAN, ATM, Frame Relay Analyzers [765-20]

If you are purchasing these, you may need:

Tool Kits, Complete. . . . . page 1523
Tool Cases without Tools . . . . . page 1531

Agilent AuroraJazz ATM Network Tester

The Agilent AuroraJazz is a robust, portable tester pr viding all the functions necessary to ensure ATM net- works operate at their maximum efficiency. Use it to commission, maintain or troubleshoot ATM circuits. The AuroraJazz will accept two field interchangeable modules allowing a mixture of SDH, SONET or PDH line testing for complete physical layer, framing analysi and error reporting from 1.5Mbit/s to 155 Mbit/s. AT network tests include, emulate end equipment or tra mission network, fault finding, monitoring of network circuits, quality of service provided. The AuroraJazz offers high visibility LEDs configurable for any physica interface alarm

- Features Include:
- Performes Physical and ATM BERT for transmission line quality, and Physical Layer BERT testing on E1, E3, DS3, and DS1 interface
- Line Rate ATM layer testing traffic generation 256 Virtual Circuits, CBR or VBR Traffic Scanning, and Line Rate Cell Processing of 1024 recieved circuits
- Option Interface Modules:
- Module 1737A/010: DS3 and DS1 45 Mbit/s (ADM/ PLCP, C-bit/frame)1 Optical Single Mode 155 Mbit/s (SDH and SONET framing), SC connector
- Module 1737A/020: E3 34 Mbit/s (G.751 ADM/ PLCP, G.832 ADM, CAS and CRC), BNC and RJ45 connectors
- Module 1737A/030: OC3/STM1 Optical Single Mode 155 Mbit/s (SDH and SONET framing), SC connector
- Module 1737A/040: OC3/STM1 Optical Multimode and Electrical CAT5 UPT 155 Mbit/s (SDH and SONET framing) SC and RJ45 connectors
- Dimensions: 11.2"H x 9.8"W x 2.8"D
- Power: 6 cell NiMH "D" cells included and AC adapter Weight 5 lbs. 15 ozs.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
461092 1 EACH	Agilent Technologies N1737A 1 year	Agilent AuroraJazz ATM Tester Base with serial and Ethernet cables, carry strap, 110VAC adapter and Manual REQUIRES Input Module accepts 1 or 2 modules	9,021.00 15 6.82	9,021.0 9,021.0 9,021.0
466091 1 EACH	Agilent Technologies N1737A/010 1 year	DS3 and DS1 Interface Module (DS3 BNC and DS1 batam connectors) REQUIRES 461092	4,155.00 5 2.27	4,155.0 4,155.0 4,155.0

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erna FIREBERD 6000 Analyzer

FIREBERD 6000 is known for its excellence in physical layer testing, using modular plug-in aces and mainframe options, to test circuits and equipment operating at rates from 50 o 52Mbps. The 6000A performs ATM tests with the same instrument that you can per- Frame Relay, ISDN, and other WAN services.

ology Supported: ATM, Frame Relay, T1/FT1, x64, DDS Local Loop, Datacom, 34M, T3, nd HSSI

nal Interface Modules:

l Drop and Insert: Analyze the entire range of FT1 services regardless of data rates and for- with comprehensive BERT patterns

Local Loop: Tests D4 channel bank, Analyze ubrate circuits, and Testing 4-wire facilities to ner premises

- Data Module: Test an array of interface standards: V.35/306, X.21, RS-499, DTE/DCE
- ATM Package 6000AT: DS1/DS3 end-to-end testing from edge devices that acess ATM, ATM layer, AAL, TC layer and physical layer
- Standard Power: 120VAC 50/60 Hz

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
7 H	Acterna FB6000A 3 years	FIREDBIRD 6000A Communication Analyzer Includes: Mainframe and RS-232 Interface, REQUIRES Interface Module.	8,875.00 26 11.82	8,875.00 8,875.00 8,875.00
6 H	Acterna 41131B 3 years	FIREDBIRD 6000A Interface Module DDS Local Loop.	1,645.00 5 2.27	1,645.00 1,645.00 1,645.00
2 H	Acterna 41440A 3 years	FIREDBIRD 6000A Interface Module for T1/FT1 Drop and Insert.	2,895.00 5 2.27	2,895.00 2,895.00 2,895.00
0 H	Acterna 42522 3 years	FIREDBIRD 6000A Interface Datacom Module for V.35/ 306RS-449/X.21 DTE/DCE.	1,545.00 5 2.27	1,545.00 1,545.00 1,545.00
2 H	Acterna 43440 3 years	FIREDBIRD 6000A Interface Module ATM DS1/DS3	7,995.00 5 2.27	7,995.00 7,995.00 7,995.00

Agilent Frame Relay Analyzer

The Aurora Tempo is a comprehensive test instrument that helps you bring Frame Relay networks rapidly into service. It is essential for installing, configuring and maintaining Frame Relay service over V-series interfaces, and T1 circuits. It provides physical layer and Frame Relay protocol tests allowing you to verify service, or examine more complicated issues with real-time analysis, statistical analysis and detailed simulation for both Switched Virtual Circuits (SVCs) and Permanent Virtual Circuits (PVCs). Designed specifically for Public Telecommunications Carriers, CPE Installers and System Integrators, Frame Relay equipment manufactures and installers, WAN system integrators. Offers Physical analysis, Link Management, End to End routing, Stress Testing and Switch Emulation.

- Features Inlcude:
- Frame Relay Decoding with Extensive Statistics
- Large Display Intuitive menu system)
- Interfaces form Full duplex T1 or V-series (V.35, RS232, RS499, EIA-530, X.21)
- Full SVC and PVC Simulation and CIR Testing
- BERT results produced to full G.821 as absolute or percentages
- T1 interfaces 2 x Bantam connector for receive ports 1 x for transmit port and 1 x RJ48C
- IP PING Generation
- Stress Testing: Frame Loss, Frames with Discard Eligible (DE) and Frame throughput delay
- Power 6 x 1.5V D cells, 7.2V Ni-Cd rechargeable pack
- Includes: 2 Ni-Cad packs, Carry Strap, Case, 110VAC Adapter, serial port cables and manual
- Dimensions: H 11.0" x W 9.65" x D 3.0"

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
414037 1 EACH	Agilent Technologies N1735A/010 1 year	Agilent AuroraTempo Frame Relay Tester with 2x T1, Interface, Physical Test and Frame Relay PVC Test Software. Inculdes: 4 Bantam and serial cables.	13,348.00 15 6.82	13,348.00 13,348.00 13,348.00

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FLUKE Networks Frame Relay Assistant

The Frame Relay Installation Assistant automatically determines frame relay and line configurations, provides a one-button AutoTest to replace multiple-step provisioning procedures, and enables the frontline technician to run IP tests with limited knowledge of IP technology. The 660 can emulate Customer Premise Equipment (CPE) to determine whether a frame relay service is ready for use. The tester can also emulate Service Provider's Network (NET) to confirm access devices are configured correctly. The 660 can also be used as a basic troubleshooting test tool to monitor in-service links. The unique interchangeable interface modules supports four access interface types--DDS, T1/FT1, E1/FE1, and serial.

- Complete Hand-held solution for: Installing, Troubleshooting and Monitoring Frame Relay Networks
- Physical Layer Testing: for analyzing signal level, framing, line coding, errors and alarms, and stress testing with bit patterns
- Frame Relay Layer Testing: for reporting on LMI, DLCI's, congestion, losses and errors
- IP Layer Testing: verfying end-to-end connectivity for each frame relay PVC with built-in ICMP PING capability
- Model: 660T/TE Mainframe: Graphic bit-mapped LCD backlit display, Light weight (3 lbs.), NiMH battery powered and RS-232 Interface
- Test Results stored internally for downloads to PC or Serial Printer
- Software upgrades via PC interface
- Interface Modules: 660M-T1, T1/FT1 Interface with RJ48c jack (1-Rx and 1-Tx) Patch cable and Tap Box
- Module 660M-E1: E1/FE1 Interface with RJ48c jack (1-Rx and 1-Tx): Modules: 660M-DDS: 4-wire DDS interface with RJ48S jack (1-Rx and 1-Tx) Patch cable and Tap Box
- Interface Modules: 660M-S: Serial interface V.35, X.21, RS-449/V.36, RS-232/V.24 and RS-530 connectors and Serial extension cable
- Standard Features all modules: BERT Tests, Frame Loss, PING and AutoPING Tests,
- Optional Internet Throughput Test 660-ITO interoperates with One Touch or another 660 to provide a two-way WAN to LAN IP throughput test providing upstream and downstream results Field Upgrade

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 416371 1 EACH	Fluke Networks 660T-PACK 1 year	Frame Relay Installation Assistant T1, Serial, DDS and V.35 Kit with modules and accessories	5,395.00 10 4.54	5,395.00 5,395.00 5,395.00
NEW 446348 1 EACH	Fluke Networks 660E-PACK 1 year	Frame Relay Installation Assistant: E1, Serial, V.35, X.21 Modules and accessories	5,195.00 10 4.54	5,195.00 5,195.00 5,195.00
NEW 460335 1 EACH	Fluke Networks 660TE-PACK 1 year	Frame Relay Installation Assistant: T1, E1, Serial, V.35, X.21 Modules and accessories	5,695.00 10 4.54	5,695.00 5,695.00 5,695.00
NEW 435352 1 EACH	Fluke Networks 660T 1 year	Frame Relay Installation Assistant compatible with T1, Serial and DDS, MODULE REQUIRED	3,595.00 8 3.64	3,595.00 3,595.00 3,595.00
NEW 470337 1 EACH	Fluke Networks 660TE 1 year	Frame Relay Installation Assistant compatible with E1, Serial and DDS, MODULE REQUIRED	3,895.00 8 3.64	3,895.00 3,895.00 3,895.00
NEW 417304 1 EACH	Fluke Networks 660M-T1 1 year	T1 I/F Module for 660T/TE with Patch cable and Tap Box MAINFRAME REQUIRED	600.00 5 2.27	600.00 600.00 600.00
NEW 447309 1 EACH	Fluke Networks 660M-E1 1 year	E1 I/F Module for 660TE with Patch cable and Tap Box MAINFRAME REQUIRED	600.00 5 2.27	600.00 600.00 600.00
NEW 426393 1 EACH	Fluke Networks 660M-DDS 1 year	DDS I/F Module for 660T/TE with Patch cable and Tap Box MAINFRAME REQUIRED	600.00 5 2.27	600.00 600.00 600.00
NEW 446300 1 EACH	Fluke Networks 660M-S 1 year	Serial I/F Module for 660T/TE with serial extension cable MAINFRAME REQUIRED	600.00 5 2.27	600.00 600.00 600.00
NEW 446317 1 EACH	Fluke Networks 660-ITO-K 1 year	Internetwork Throughput Option ITO Field Upgrade Kit for 660T/TE MAINFRAME REQUIRED	995.00 5 2.27	995.00 995.00 995.00

Agilent Multi-Function Service Advisor

The Agilent Service Advisor is Agilent's newest state-of-the-art platform for deployment tes ing, installing, commissioning, and maintaining telecom and datacon network services. The po table test tablet includes a bright 6.4" Touch Sensitive Color VGA screen and with advanced Windows CE operating system and Generic User Interface, provides an easy to use and ver tile tool for Central Office and outside plant services. The modular test design enables users rapidly switch test applications for first tier field deployment and 2nd/3rd tier regional suppo

- Features Include:
- Interchangeable Test Modules accepts 2 single width plug-in modules or 1 dual plug-in module for testing DSL, TIMS, TDR, ATM, SONET/SDH, Datacom, and DS1/0
- Rapidly change interface with "Hot Swap" capability
- Optional Interchangeable Modules:
- Module N1625A/110: xDSL TIMS Test Module comprehensive subscriber loop testing 2 MHz for DSL including ADSL, HDSL, SDSL and IDSL and analog VF-POTS with 36 individual tests
- Module N1610A: Dual DS1/0 Test Module with Dual Rx and Tx, T1 and Nx56kbps and Nx64kbps BERT, Unframed ESF, SF and SLC-96, and T1/DDS
- Module 1690A/010: Datacom Test Module verifies RS-232, RS449, V.35, X.21 and EIA-530 links up to 52 Mbps with DTE, DCE monito modes and BERT test & Clock Generation
- Module N1627A: TDR Test Module range 10FT to 20,000FT, Crosstalk and Return Loss, with Waveform Storage and Comparison
- Module N1640N & N1645A/112: ATM Cell Processor & SONET/SDH Interface Modules (required combination)
- Dimensions: 11.5" H x 8.2" W x 3" D Weight 5.4 lbs.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
465064 1 EACH	Agilent Technologies N1625A/110 1 year	xDSL TIMS Test Module with Bantam Connector REQUIRES 418015	6,235.00 8 3.64	6,235 6,235 6,235
415036 1 EACH	Agilent Technologies N1627A 1 year	TDR Time Domain Reflectometer Test Module REQUIRES 418015	3,180.00 8 3.64	3,180 3,180 3,180
473089 1 EACH	Agilent Technologies N1660A 1 year	Dual DS1/0 Test Module REQUIRES 418015	6,235.00 8 3.64	6,235 6,235 6,235
NEW 466005 1 EACH	Agilent Technologies N1690A/110 1 year	Datacom Test Cable RS-449(V.36) 7ft. Y cable 37 pin for use with 493047 module	209.00 3 1.36	209 209 209
NEW 492045 1 EACH	Agilent Technologies N1690A/105 1 year	Datacom Test Cable RS232 (V.24) 7ft. Y cable DB-25 pin for use with 493047 module	209.00 3 1.36	209 209 209
NEW 493030 1 EACH	Agilent Technologies N1690A/125 1 year	Datacom Test Cable V.35 7ft. Y cable 34 pin for use with 493047 module	209.00 3 1.36	209 209 209
483021 1 EACH	Agilent Technologies 5064-0691 1 year	Agilent Soft Carrying case for Service Advisor	268.00 5 2.27	291 291 291
415058 1 EACH	Agilent Technologies N1616A 1 year	Hard Carrying case for Service Advisor	639.00 5 2.27	639 639 639

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xDSL and ISDN Network Analyzers [765-30]

Harris TS1000 ADSL Test Set

The TS1200 ADSL Test Set gives the line technician a greater range of analysis capability for field installations, and is ideal for the Information Technology (IT) manager for reducing on-site repair expenses. Advanced features include the noise margin, power level and attenuation simply by scrolling up or down the navigation buttons. The TS1200 combines ease-of-use with advanced ADSL testing technology.

eatures Include:
- Quick and Easy ADSL Service Verification
- ynchronized with Alcatel-compatible ADSL SLAM
- isplays: Attainable and Maimum Bit Rate, Noise Margin, Relative Capacity, Output Power, Attenuation, and Channel Bit Rate
- lash-proof Keypad
- Supports ANSI T1.413 Issue 2, ITU G.DMT, and G.Lite Standards.
- Dimensions: 3.94" W x 8.31" H x 2.17" D Weight 1.3 lbs.
- Power: 4 (AA) batteries 10 hours of operation
- Optional ADSL/POTS Splitter (sku 482031)

rt No. y/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 32158 EACH	Harris Corporation TS1200 18 months	TS1200 ADSL/POTS Test Set Includes: Nylon case, Combi-line cord w/bed-of-nail w/piercing pin clips and RJ11 plug and Batteries	2,330.95 5 2.27	1,744.74 1,698.07 1,631.66

gilent AuroraPresto ADSL Test Set

The Agilent AuroraPresto ADSL handheld tester provides all the functions necessary for a technician to install, maintain, and troubleshoot Asymmetric Digital Subscriber Lines (ADSL) and services. Analog line testing. ADSL layer testing with "Golden Modem" operation and ATM layer or IP application layer testing are all easy using "one touch" fully automatic or manual expert mode testing for more in-depth diagnosis. Built-in 10 Base T Ethernet port for through line operation and IP testing. Select from up to 20 user defined test profiles for fully automated Go/No Go testing.

nulates Network from ATU-C (CO) to DTE odem or Remote ATU-R
nulating modem to DTE or DTE/modem to network
elden Modem through-line termination mode sting
e BERT and quality tests
M layer tests: AAL-5 statistics and analysis, ATM RT measurements
I/VPI statistics and errors

- Telecoms ADSL layer (T1.143, ITU-T G.992.1/2), IP layer (AAL-5 encapsulation, RFC1483)
- BERT Tests: CCITT and ANSI patterns with user defined and set PR selection
- Connectors: Line RJ11, Ethernet RJ45 socket, 10-Base T interface, RS232, Mini DIN
- Dimensions: L 11.25" x W 4.0" x H 3.42"
- Weight: 2.45 lbs.

t No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
5085 ACH	Agilent Technologies N1738A/110 1 Year	Agilent AuroraPresto xDSL Tester Alcatel DMT ATU-R Testing	3,676.00 12 5.45	3,676.00 3,676.00 3,676.00
9033 ACH	Agilent Technologies N1738A/120 1 year	Agilent AuroraPresto xDSL Tester Alcatel DMT ATU-R amd ATU-C Testing	6,126.00 12 5.45	6,126.00 6,126.00 6,126.00
5006 ACH	Agilent Technologies N1738A/130 1 year	Agilent AuroraPresto xDSL Tester Alcatel DMT ATU-R amd ATU-C and ATM 25.6 DTE testing	7,142.00 12 5.45	7,142.00 7,142.00 7,142.00

Agilent AuroraPlus Basic Rate ISDN

The new Agilent AuroraPlus is an easy-to-use hand-held Basic Rate ISDN and POTS tester for central office or field technicians who need a reliable, simple and foolproof installation tool. Can test most ISDN call and connection types at the U-Interface and on the S-Bus, including point-to-point and point-to-multipoint operation. The product can display dialed and calling party number, cause codes (with explanation), along with control and status information, and can make simultaneous B-channel calls and perform a D-channel packet test. Performs BERT bit error rate test, line polarity, crosstalk. With optional POTS provides complete testing for analog lines.

- Features Included:
- Simple Navigation and menu Selection
- Loudspeaker Monitor Microphone and earpiece for Telephone Functionality
- Interfaces: S and U-line code 2B1Q
- AutoSPID and EasySPID Support
- Simultaneous B-Channel calls for Voice and Data
- Line Voltage Display to identitfy Interface Type
- RS232 Interface
- Protocols: AT&T 5ESS Custom, Nortel DMS-100 Custom, National ISDN
- Power Internal NiMH battery, AC converter/charger, or from line under test
- Low Battery Indicator
- Dimensions: 2.75" W x 9.25"L x 3.5" D
- Weight 1 lb. 8 oz
- Includes: S and U Interface with Cables, RS232, AT&T 5ESS, Nortel DSM-100, NI protocols, Batteries, Charger/Converter, Belt Clip, and Manual

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
417084 1 EACH	Agilent Technologies N1727A/001 1 year	Agilent Aurora Plus ISDN Basic Rate with S & U Interfaces	1,484.00 12 5.45	1,484.00 1,484.00 1,484.00
468064 1 EACH	Agilent Technologies N1727A/031 1 year	Agilent Aurora Plus ISDN Basic Rate with S & U Interfaces and POTS	1,697.00 12 5.45	1,697.00 1,697.00 1,697.00

Agilent AuroraDuet ISDN Network Tester

The Agilent AuroraDuet is designed to provide ISDN technicians and engineers an installation, troubleshooting and maintenance, integration, and product development simulation and monitoring tool. The Duet has the ability to emulate ISDN from both the network and customer sides, providing local loop testing, TE mode to validate ISDN service provided, T1 signaling capabilities, NT or LT mode for commission and set up equipment before delivery. Also offers monitoring and diagnostics, voice and data testing, and BERT statistics for G.821. The AuroraDuet is a cost effective simulator and analyzer with the sophistication to be used in a development and manufacturing environment.

- Combines Basic Rate, Primary Rate and T1 Tester
- Emulation, TE Mode, NT Mode, and LT Mode
- Multi-channel Simulation B1, B2, Bx for Basic Rate
- Establish 23 simultaneous calls in PRI Rate Mode, 11 simultaneous cross-connect calls for B-Channel
- Automatic B-channel cross connect BRI Rate mini-switch simulation
- Physical-layer 1 Testing, selective BERT capability for both BRI and PRI Rates
- PCM Circuit Testing
- Multi-Protocol National ISDN, AT&T, and Nortel
- Fully decode V5.1 and V5.2 Protocols
- Interface for U-2B1Q S/T interface for Basic Rate
- Dual T1 Interface for Primary Rate
- Battery Rechargeable Nickel Cadmium or AC operation
- All Modle Include: Carry Case, 4MB ROM & Monitor, AC/DC Adapter, RJ45, RJ11, Alligator Clips, and RS-232

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
444086 1 EACH	Agilent Technologies N1725A/001 1 year	Agilent AuroraDuet Basic Rate ISDN Tester Incl: S & U interface.	4,455.00 12 5.45	4,455.00 4,455.00 4,455.00
440071 1 EACH	Agilent Technologies N1725A/011 1 year	Agilent AuroraDuet BRI and PRI ISDN Tester Includes: S, U, & 2xT1 Interface.	9,551.00 12 5.45	9,551.00 9,551.00 9,551.00
491096 1 EACH	Agilent Technologies N1725A/111 1 year	Agilent AuroraDuet BRI and PRI ISDN Tester Includes: S, U, & 2xT1 Interface, with Software.	10,593.00 12 5.45	10,593.00 10,593.00 10,593.00
415025 1 EACH	Agilent Technologies N1727A/320 30 Days	Soft Carrying case for AuroraDuet	53.70 5 2.27	53.66 53.66 53.66

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Network Inspectors [765-35]

If you are purchasing these, you may need:

Tool Kits, Complete . . . . . page 1523
Telecom Craft Tools . . . . . page 1619

FLUKE Networks WaveRunner Wireless LAN

442352

WaveRunner Compaq HP iPAC Pocket PC verifies 802.11b deployments. While detecting the rogue access points and clients that compromise the performance and security of the enterprise network. The WaveRunner gives you the visibility for managing both your wireless and wireline networks. This palm-sized device has a color touch screen that provides the necessary steps of wireless network deployment and troubleshooting. Wireless LAN design plan and measure access point location and configuration to maximize coverage while minimizing installation costs. Applications include Retailer lobbies, manufacturing floors, loading docks, educational and medical facilities. WaveRunner ensures your WLAN design can accommodate all.

- Wireless LAN Design: Perform channel assignments, access point location and security design.
- Deployment Verification: Verify wireless drops, signal coverage, channel interference, validate deployment and WEP- Wired Equivalency Protocol operation
- Rogue Access Point Detection; Identify unauthorized access points on the network and locate rouge equipment compromising network's security
- Capacity Management: Traffic View feature determines network traffic load of increased users to decide if the AP can support more clients, also determine what is slowing down the network
- Compliance: IEEE 802.11b, PMCIA Spec. 5.1, Interoperability: WECA Wi-fi for 802.11b
- Operating Range: 1500 ft. Outdoor, 300 ft. Indoor
- Data Rate: 11 Mbps, Infrastructure Mode: BSS, Ad Hoc Mode: IBSS
- Compaq HP iPAC: Color TFT, power: 120-240 Vac, 50/60hz
- WaveRunner Kit Includes: Compaq HP iPAC loaded Linux and WaveRunner application, PC card sled, LAN adapter, holster, charger and Serial/USB cradle

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Media Access Connection Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 442352 1 EACH	Fluke Networks WAVERUNNER 1 Year	WaveRunner Network Wireless LAN card & Compaq HP iPAC	3,995.00 3 1.36	3,995.00 3,995.00 3,995.00

FLUKE Networks NetTool Inspector

NetTool Connectivity Tester Standard (NT) tester, provides single-ended testing of cable and desk-top-to-network connectivity. It shows when a network drop is hot and identifies the service and the device on the other end. It also shows speed and duplex settings and checks the health of frames being sent. The NetTool InLine (NT-IL) tester is a must for network and PC technicians who install or troubleshoot network PCs. Unique inline functionality allows users to eavesdrop on the complex PC-to-Hub link pulse negotiation process. They no longer have to depend upon difficult-to-understand PC/ Switch configurations screens to resolve link connectivity issues.

- Conclusively identifies a jack as Ethernet, Phone, Token Ring or inactive.
- Checks link pulse for speed, polarity, duplex, level information and receive pair.
- Simultaneously monitors network health (frames sent, utilization, broadcasts, errors, collisions) for full-duplex connections.
- Shows protocol mismatches between the PC and the network, and identifies unwanted protocols that waste valuable bandwidth.
- Cable Tests: Wiremap, cable length, opens, shorts, and split pairs.
- Ports: Shielded Hub/NIC connector RJ-45, serial port - 2.5mm input jack
- Power: Alkaline batteries (20 hours), optional rechargeable NiMH battery or AC adapter
- Dimensions: 5" x 3" x 1.7" Weight: 0.46 lbs.
- Standard Accessories Included: NetTool tester, serial cable, AA batteries, wiremap adapter, manual (CD-ROM) and reference guide and NetTool Blaster Utility Software

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Media Access Connection Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
472167 1 EACH	Fluke Networks NT 1 Year	NetTool Standard Connectivity Tester 10BASE-T and 100BASE-TX Shielded Hub/NIC RJ-45	895.00 8 3.64	895.00 895.00 895.00
494147 1 EACH	Fluke Networks NT-IL 1 Year	NetTool InLine Version Connectivity Tester 10BASE-T and 100BASE-TX Shielded Hub/NIC RJ-45	1,495.00 8 3.64	1,495.00 1,495.00 1,495.00
496171 1 EACH	Fluke Networks NT-HOLSTER 1 Year	NetTool Holster for NT and NT-IL	25.00 1 0.45	25.00 25.00 25.00
471135 1 EACH	Fluke Networks NT-AC-ADAPT 1 Year	NetTool AC Power Adapter	25.00 1 0.45	25.00 25.00 25.00
476139 1 EACH	Fluke Networks NT-BATT-CHG 1 Year	NetTool Battery Charger for NiMH battery pack	60.00 2 0.91	60.00 60.00 60.00

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Media Access Connection Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
484169 1 EACH	Fluke Networks BATT-AA-NIMH 1 Year	Rechargeable Battery pack 4-AA NiMH	15.00 2 0.91	15 15 15

FLUKE Networks LinKRunner

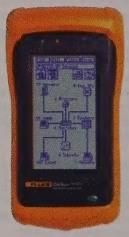
492318 491307

The Fluke Networks' LinkRunner is the first line of defense against problems at the physical and link layers of the network. Allows technicians to determine whether the drop is active, a cable problems, tracing the cable path and whether they can PING other network resources.

- Performs the following Tests: Link capabilities, Lengths and faults, PING--Verify connectivity to key network resources
- Cable Tests: Lenghts, opens, shorts, splits, wiremap, crossed and straight through
- Identifies: 10BASE-T, 100BASE-TX full or half-duplex, Token Ring, Telco, Cable ID, un-powered PC or Hub, Auto-MDIX ports and Auto-Negotiation or strapped port
- Power: 2-AA batteries, Optional NiMH batteries with charger
- Dimensions: 2.75" x 3.75" x 1.25"
- LINKRUNNER Test Kit Includes: LinkRunner, Cab ID (1-8), Wiremap adapter, RJ-45 coupler, Micro-probe Tone, NiMH battery and charger, Custome Carrying Case and PC Inspector

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Media Access Connection Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW 492318 1 EACH	Fluke Networks LINKRUNNER 1 year	LinkRunner Network Multimeter 10Base-T and 100BASE-TX Connectors RJ-45 LAN, RJ-45 Wiremap	495.00 5 2.27	495 495 495
NEW 491307 1 EACH	Fluke Networks LINKRUNNER KIT 1 year	LinkRunner Network Multimeter Extended Test Kit 10Base-T and 100BASE-TX Connectors RJ-45 LAN, RJ-45 Wiremap	875.00 10 4.54	875 875 875

FLUKE Networks OneTouch Network Tester



The Fluke OneTouch offers just one touch of the AutoTest icon to display the connectivity status of c top stations, routers, servers, and switches. The sim user simply touches any component to receive in-de information. The OneTouch eliminates guesswork b automatically identifying Novell, Windows NT, and I BIOS servers. Offers troubleshooting of TCP/IP net works easily, by graphically displaying TCP/IP server printer, routers, and switches as well as duplicate IP addresses, subnets and SNMP devices. The Network Assitant also solves troubleshooting wiring problem automatically identifying crossover cables and hub uplink ports. The ITO Internetwork Throughput Option, enables IP performance testing during the installation and maintenance of Enterprice backbon WANs, and VPNs.

- Standard Version offers: Cable Testing, Network Health, TCP/IP and Switch Discovery, Remote Web Monitoring.
- PRO Version additionally offers: Remote Web Control, Device to Switch Port Mapping, Configuration Master, and Key Device PING
- Includes: Rechargeable NiMH battery, Holster, Soft Case, AC adapter/charger, remote wiremap(#1) Manual (CD-ROM), trial version of Ethernet Utility software.
- Dimensions: 8.7" x 4.7" x 2.5" Weight 1.7 lbs.
- ITO Option: Measures IP throughput across a cam pus backbone, Tests IP performance accross WA Baseline congestion when installing a VPN
- Options Include: Reporter Software, Fiber Test K (DSP-FTK), Tone Probe (Fluke-140), Cable Identi ers (#2-6) Hard Carrying Case, and xDSL option

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Media Access Connection Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
431178 1 EACH	Fluke Networks ITS2100 1 year	OneTouch Series II 10/100 10Base-T and 100BASE-TX Hub/NIC and WireMap Connectors RJ-45, RS-232 PC/ Printer (DB-9)	4,125.00 8 3.64	4,12 4,12 4,12
480184 1 EACH	Fluke Networks ITS2PRO 1 year	OneTouch Series II 10/100 PRO Version 10Base-T and 100BASE-TX Hub/NIC and WireMap Connectors RJ-45, RS-232 PC/ Printer (DB-9)	5,150.00 8 3.64	5,15 5,15 5,15
451174 1 EACH	Fluke Networks ITS2PRO-I 1 year	OneTouch Series II 10/100 PRO Version with ITO 10Base-T and 100BASE-TX Hub/NIC and WireMap Connectors RJ-45, RS-232 PC/ Printer (DB-9)	5,650.00 8 3.64	5,65 5,65 5,65
466162 1 EACH	Fluke Networks ITS2100XDSLP 1 year	OneTouch Series II 10/100 PRO Version with xDSL Option 10Base-T and 100BASE-TX Hub/NIC and WireMap Connectors RJ-45, RS-232 PC/ Printer (DB-9)	5,490.00 8 3.64	5,49 5,49 5,49
438178 1 EACH	Fluke Networks ITS2-RPT 1 year	Reporter Software for OneTouch for Professionally-formatted network inventory reports.	1,025.00 1 0.45	1,02 1,02 1,02
488145 1 EACH	Fluke Networks IT-HCASE 1 year	Hard Carrying Case for OneTouch	125.00 3 1.36	125 125 125

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ontinuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Media Access Connection Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 425107 1 EACH	Fluke Networks N660/RA 1 year	Remote Adapter Set #'s 2-6	295.00 3 1.36	295.00 295.00 295.00

Agilent Network Performance Analyzer

The Agilent FrameScope 350 features an easy-to-use color touch screen and powerful network discovery capability that allows network installation and maintenance technicians to survey the network and generate a list of work stations, switches, routers, servers and other network devices. Performance evaluations to automate and simplify network service testing and pre-qualification, pinpointing errors and mis-configurations to quickly diagnose and troubleshoot network problems. User can identify 10/100 Mbps Ethernet Utilization, broadcast, collisions and errors, or quickly pinpoint incorrectly assigned subnet masks, misconfigured servers and duplicated IP addresses.

- FrameScope 350 test suite measures & rates response times of network resources web, files, e-mail, print DNS and DHCP servers
- Verifies performance of vital network services as well as full Category 6 cable certification
- Remote Control through web browser allow operation from any location on the network
- Supports: Autotest, verifies performance of e-mail, Web, Files, DNS, DHCP, WNS, Novell, Print, FTP, Primary DC, Secondary DC servers, Switches and Routers
- PING, Trace Route, & SNMP Queries to verify connectivity to define devices
- Statics a snap shot of network conditions, Traffic Generator to test under heavily loaded conditions
- MAC Loopback measures throughput, loss, delay and variations across and Ethernet Network
- Blink Hub Port locates live network connections
- Power: Re-chargeable NiNH batteries, Life 5-hours (network) & 8-hours (cable test)
- Dimensions: 9" x 4.5" x 2.6" Weight: 2.6 lbs.
- Standard Kit Includes: FrameScope 350, 32MB Flash memory card, Cat. Channel adapter, AC power cord, Strap, Serial cable, Nylon Carrying Case, Utility Software-CD, Users Manual
- Options: Dual Remote allows performace of level III Cat. 6 cable certification, provides all required testing from far end of cable
- Multimode & Singlemode Fiber SmartProbes, Coax Test Probe (sku492131), Hard Carrying Case (sku410139), TalkSet (sku465146) and Link and Channel Adapters
- FrameScope 350 Professional Fiber Test Kits Includes: FrameScope 350 Kit plus: Dual Remote, Fiber SmartProbe (SM,MM), TalkSet, USB cord, Calibration Cable, and Hard Carrying Case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Media Access Connection Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 58349 EACH	Agilent Technologies N2610-001 1 Year	FrameScope Network Performance Analyzer Kit 10/100 mbps Ethernet Interface (with N2610-100) Cat. 6 RJ-45	6,121.00 8 3.64	6,090.40 6,059.79 5,998.58
NEW 17346 EACH	Agilent Technologies N2610A-100 1 Year	Dual Remote for use with FrameScope or WireScope 10/100 mbps Ethernet Interface Cat. 6, RJ-45	2,046.00 4 1.82	2,035.77 2,025.54 2,005.08
NEW 52308 EACH	Agilent Technologies N2610A-130 1 Year	FrameScope 350 Professional Test Kit with Multimode Fiber SmartProbe MultiMode Fiber, 10/100 mbps Ethernet Interface MM Fiber 1300/850nm, Cat. 6, RJ-45	9,595.00 12 5.45	9,547.03 9,499.05 9,403.10
NEW 73325 EACH	Agilent Technologies N2610A-150 1 Year	FrameScope 350 Professional Test Kit with SingleMode and Multimode Fiber SmartProbes SingleMode & MultiMode Fiber, 10/100 mbps Ethernet Interface SM 1550/1310nm, MM 1300/850nm Fiber, Cat. 6, RJ-45	12,995.00 12 5.45	12,930.03 12,865.05 12,735.10

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Transmission Test Equipment [550-12]

If you are purchasing these, you may need:

Tool Kits, Complete . . . . . page 1523
Equipment Protection Cases . . . . . page 1537

AMREL Telesense 185T Line Tester

The model 185T is the most basic model in the Telesense series and includes noise measurements (dBm) and meets or exceeds , Bell PUB 41009, IEEE 743-95.

- Features: 20 KHz Bandwidth, TRMS level Measurement
- DMM: VDC, VAC, Ohms, Loop Current
- Signal Generator: 404/1004/2713/2804: Rx 600/900/1M ohm: Tx Impedance 600 ohms
- Rx levels: -50 to +13 dBm, Rx Noise: -80 to -32 dBm
- Power: 9 VDC Battery, Weight 12.4 oz.
- Dimensions: 6.9" X 3.4" X 1.4"
- Includes: Vinyl case, Stand, 9Vdc battery, 2 Bantam to alligator test leads and manual

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
51751	AMREL	Telesense 185t Line test set	345.00	345.00
1 EACH	185T		2.38	341.55
	1 Year		1.08	328.10
NEW	AMREL	Ruggedized Case for 185T,1000 & 2000	15.00	15.00
496358	RC-45		2.38	14.85
1 EACH	1 Year		1.08	14.27
NEW	AMREL	Heavy Duty Case for 185T,1000 & 2000	32.00	32.00
412388	HD-10		2.38	31.68
1 EACH	1 Year		1.08	30.44

AMREL Telesense 1000 Line Tester

The Telesense series offers a rugged hand-held transmissions line test set with DMM functions for POTS, Dial-up Modems, and Data Circuits, designed for testing during installation, provisioning and troubleshooting leased lines and dial-up circuits.

- Applications: POTS line testing, 2-Wire dial-up modems and 4-wire leased lines
- Features: 20KHz bandwidth, TRMS level measurements
- DMM: VDC, VAC, Ohms, Loop Current
- Frequency counter 20 KHz; Tone generator 404/1004/2731/2804Hz, Level fixed 0 and -13dBm
- Rx Level Measurement: -50 to +8 dBm
- Rx Impedance: 600/900 ohms, Tx Impedance: 600 ohm
- Noise with C-Message weighting filter, Noise Level -80 to -10dBm
- Dimensions: 6.9" X 3.4" X 1.4" Weight: 12.4 oz.
- Power: 9Vdc battery, Connector: Bantam
- Includes: Hard leather Carrying Case, Removable Stand, 9Vdc alkaline battery, Two(2), three foot Bantam to Alligator leads and manual

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	AMREL	Telesense 1000 Transmission Line Test Set	495.00	495.00
419083	TELESENCE 1000		3	490.05
1 EACH	1 Year		1.36	470.75

Tempo Sidekick Stress & Leakage Tester

The Sidekick 7B is ideal for troubleshooting twisted pair. This lightweight, hand-held meter quickly and accurately uncovers intermittent troubles. Technicians can identify faults in locations ranging from outside plant inside wiring, and for closures to connecting blocks. A standard in the industry in telephony, LAN/WAN, Private Networks, and BICSI applications.

- Measures: Resistance, AC/DC Volts, and Capacitive kick
- Stress Test reads the audible noise produced on a faulty pair that is stressed @ 90dBm excitation
- Leakage Test: uses 135 V to push (kick) the oxide layer and reveal faults
- Provides tone for twisted pair or crossed conductor location
- Single setup for Tip-Ring, Tip-Ground, and Ring-Ground testing
- Low Battery Indicator, Power: 4 AA Batteries
- Dimensions: 10.75" x 4.25" x 2.5" Weight 2 lbs.
- Includes: Soft Case with Stand, Field Replaceable Leads and Batteries

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	TEMPO	Sidekick 7B Stress & Leakage Tester	670.00	670.0
466217	SIDEKICK 7B		5	663.3
1 EACH	1 Year		2.27	656.6

Triplett Transmission Test Sets

The Model 2 combines the features of a transmission test set and a multi-range volt-ohmmeter in a convenient hand-held package that operates on two 9 volt batteries. Complete with 74" combination Test Set leads, 48" Volt-Ohmeter leads, batteries, and instruction manual.

- Features: Quasi-RMS detector, Full Range DMM: AC/DC Volts and DC Current
- Circuit Loss (60KHz to 10kHz), 735 ohms
- Circuit Noise, C-message filter
- Line Holding Current (20 to 30 mA)
- Dimensions: 7 1/8" W x 3 5/8" H x 2" D, Weight: 1 lb. with battery

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
78547	Triplett	TRIPLETT transmission test set. Tests Line loss, line	278.00	278.0
1 EACH	3077	noise, power influence, and line current. Incl leads, bat-	2	275.2
	1 year	teries, and instruction manual.	0.91	272.4

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Telephone/LAN Line Testing Equipment

AMREL Telesense 2000 Line Tester

The Telesense 2000 is a Basic, Low Cost, Rugged Hand-Held Transmission Line Test Set with DMM for POTS, Modem, Leased lines or Data Circuits. This model has dual range frequency counter (2Khz &20Khz), additional RX level at 135 ohms plus a high Z bridge at 100K ohms. The original generator level range has been increased to a variable -26dBm(fixed -13dBm with the Telesense 1000) and has optional (Responder/Commander) Module, DTMF generator for dialing and activating remote responders via 2 wire/4 wire transmission lines (TELEDIALER) and Line Hold Circuit, features that are not available with the 1000 series.

- eatures: 20 KHz Bandwidth, TRMS Level Measurement DMM: VDC, VAC, Ohms, Loop Current
- Dual Range Freq. Counter 2KHz & 20kHz
- recision, balanced 4 tone generator
- Noise with C-Message weighting filter
- ignal Generator (404, 1004, 2731, 2804Hz): Level /ariable 0 to -26 dBm
- x level measurement (+10dBm to -60dBm) Noise -0 to 0dBm
- Rx Impedance: 135/600 & 900ohm: Bridge Z: 100K ohms
- DTMF responder/commander (optional Teldialer)
- Dual Frequency Counter 2KHz and 20 KHz
- Power: 9Vdc ni-cad or alkaline battery, Connector: Dual Bantam and RJ11 Jack
- Dimensions: 6.9" X 3.4" X 1.4" Weight: 12.4 oz.
- Includes: Black Heavy-Duty Nylon Holster, Removeable stand, 9VDC battery, two 3 ft. Bantam to alligator test leads and manual

rt No. /Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 6735 EACH	AMREL TELESENSE 2000 1 Year	Telesense 2000 Transmission test set	637.50 5 2.27	637.50 631.13 606.27
NEW 34346 EACH	AMREL 2000 W/TEL-DIALER 1 Year	Telesense 2000 Transmission Test Set w/Tel-Dialer	802.50 5 2.27	802.50 794.48 763.18

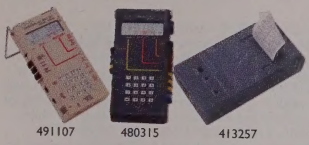
empo Sidekick Transmission Tester

The Sidekick T&N full function tests identifies frequency missed faults Reduces repeat service calls and eliminates service interruptions. The Sidekick's analog meter and rugged, lightweight design, combines quality loop testing for POTS lines.

- easures: Resistance, AC/DC Volts, and Capacitive ck, Stress and Leakage Tests
- nsmission and Noise Testing, plus Loop Current, rcuit Loss, Metallic Noise, Power Influence Test-, and Load Coil Detection
- gle set-up for Tip-Ring, Tip-Ground, and Ring-round
- Low Battery Indicator, Power: 4 AA Batteries
- Dimensions: 10.75" x 4.25" x 2.5" Weight: 2 lbs.
- Includes: Soft Case with Stand, Field Replaceable Leads, Batteries and Manual

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 5200 ACH	TEMPO SIDEKICK T&N 1 Year	Sidekick T&N Transmission and Noise Tester	1,075.00 5 2.27	1,075.00 1,064.25 1,053.50

Ameritec Personal Transmission Test Sets



The AM-48 and AM-44 Personal Transmission Test Sets are designed for personal or field testing, about the size of a handhed calculator, they are world's smallest full function voice and data transmission test set. These very precise insturments measures signal level (loss/gain), frequency , frequency shift, idle channel noise with C-message or 3-kHz flat filter, noise w/tone using C-message and notch filter, signal to noise ratio with direct readout in dB and the P/AR (peak to average ratio) benchmark test.

- Standard Features for AM-44 and AM-48:
- Transmit Frequencies: 200 Hz to 5kHz (AM-44); 200Hz to 20kHz (AM-48)
- Receive Frequencies: 200Hz to 20kHz (AM-44): 200Hz to 20kHz (AM-48)
- Three-level impulse noise measurements(drops,gains,impulse noise)
- Termination Impedance: 600 or 900 Ohms
- Phase jitter and amplitude measurements
- Additional Features AM-48: Transmit Sweep, Return Loss, Hits Measurements, and DMM Functions (AM-48 Only)
- Return Loss (AM-48 Only)
- Hits Measurement (AM-48 Only)
- DMM Function (AM-48 Only)
- Standard Accesories Included:
- Input Cable, AC adapter, 4-AA Batteries, Case and Manual
- Optional Accessories: Portable Printer AM-47

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 491107 1 EACH	AMERITEC CORPORATION AM-44 1 year	Personal Voice Frequency Test Set	2,105.00 8 3.64	2,105.00 2,105.00 2,105.00
NEW 480315 1 EACH	AMERITEC CORPORATION AM-48 1 year	Hand-Held Transmission Impairment Test Set	3,165.00 8 3.64	3,165.00 3,165.00 3,165.00
NEW 413257 1 EACH	AMERITEC CORPORATION AM-47 1 year	Printer for the AM-48 Test Set	525.00 5 2.27	525.00 525.00 525.00

AMREL 50 KHz Enhanced TIMS Test Set

The 180 Series line of Professional, hand-held TIMS designed for testing during installation, provisioning and troubleshooting of DSL, ISDN, DDS, leased lines, dial-up and POTS circuits. Provides Noise and Attenuation for Wireless, Carrier and Microwave circuits. Combines the functions of four test instruments into one compact unit and all functions are easily accessed through the front keypad and menu drive for simple operations. The unit features a 20Hz-50Khz synthesized sine wave generator, a full featured transmission test set, an autoranging DMM (186T), tele-phone handset with dial, talk and listen capabilities. An RS232C interface allows communications between the 180 and a host computer.

- Features: 20-50 kHz bandwidth, TRMS level measurements
- Measures: Noise, Noise w/tone, Noise to ground, Impulse Noise Levels
- Tx Level: +10 to -50dBm; Rx Level: +10 to -60dBm
- Noise Filters: C-Message, 3kHz & 15kHz
- Frequency Counter, Butt-Set w/dial (DTMF, MF, & DP)
- Additional Features 188T: Phase & Amplitude Jitter, P/AR, Hits Measurements
- Applications 188T (only): Voice over (VoIP), Voice over (VoDSL), ISDN-U interfaces
- Additional features 186T: Full DMM functions; DC/AC Volts, AC mV, DC current, Ohms & Capacitance
- Applications 186T (only): ISDN-U interfaces , DDS, POTS, & 2B1Q circuits
- Power: 4 "AA", Ni-MH, AC Power Adapter (12VDC), Auto Shut-Off
- Connectors: Bantam/RJ45
- Dimensions: 10" X 4" X 2.5", Weight: 2 lbs.
- Includes: Heavy-Duty nylon case, 2 Bantam to alligator leads, RJ45 to RJ45, RS-232 cables, Printer adapter, PC adapter, AA NiMH batteries, power adapter and manual
- Optional: Input Impedance 135/600 ohm, Optional Printer and ITU-T European versions

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
15456 1 EACH	AMREL 186T-301 1 year	Hand-Held Test Set TIMS+DMM with 600/900 ohms	1,975.00 2 0.91	1,975.00 1,955.25 1,878.23
NEW 469275 1 EACH	AMREL 186T-302 1 Year	Hand-Held Test Set TIMS+DMM with 135/600 ohms	1,975.00 2 0.91	1,975.00 1,955.25 1,878.23
NEW 10042 1 EACH	AMREL 188T-301 1 Year	Enhanced Hand-Held TIMS Test Set with 600/900 ohms	2,888.00 4 1.82	2,888.00 2,859.12 2,746.49
NEW 446382 1 EACH	AMREL 188T-302 1 Year	Enhanced Hand-Held TIMS Test Set with 135/600 ohms	2,888.00 4 1.82	2,888.00 2,859.12 2,746.49
NEW 70066 1 EACH	AMREL 180 1 year	Portable printer for Model 186/188T	395.00 2 0.91	395.00 391.05 375.65
NEW 448327 1 EACH	AMREL ACAD-2 1 year	AC/DC Adapter for the 186T & 188T	50.00 2 0.91	50.00 49.50 47.55

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Agilent TIMS Copper Pair Tester

The Agilent LT2000 Copper Pair line tester is an easy to operate, battery operated and cost effective field instrument for verifying the quality of copper pairs for analogue and digital transmission with a bandwidth of up to 2 MHz. Performs measurements for Noise, Level, Attenuation, Crosstalk, and Return Loss for a variety of transmission systems including Base Band, 160 kbit/s, 1.5Mbit/s, 2 Mbit/s, HDSL and ADSL services. The LT2000 can provides all of the information required to deploy or maintenance troubleshoot copper pairs used for a Digital Subscriber Loop (DSL).

- Automatic Measurements in Sweep Mode include: Noise or Level with RMS readout, Return Loss, Near Crosstalk
- Level Generator Output Frequency Bands: 1 Hz from 200 Hz to 10 kHz, and 100 Hz from 10 kHz to 2 MHz
- Tracking with Tx Frequency 200 Hz to 2 MHz
- Level Measurements: Absolute dBm and Relative dBr
- Input Range <-100dBm to +5dBm/res. 0.1 dB
- Return Loss >40 dB with normal load
- Noise Floor (Tx off) <-100 dBm at 600ohm, <-95 dBm at 120 or 150 ohm
- Power Internal NiMH rechargeable battery
- Dimensions: W 3.9" x D 1.6" x H 8.2" Weight: 2.2lbs

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
452069 1 EACH	Agilent Technologies N1739A/100 1 year	Agilent TIMS Copper Pair Tester with 135/600 ohm termination, includes: soft carrying case, re-chargeable batteries, banana/alligator cables.	2,968.00 12 5.45	2,968.00 2,968.00 2,968.00

Fluke Networks CopperPro Loop Tester

CopperPro is a handheld, multifunction OSP test set. CopperPro offers a broad range of Plain Old Telephone Services (POTS) troubleshooting, fault location and line qualification capabilities. Its Wideband/TDR option adds high frequency transmission testing and qualification functions for services like ADSL, HDSL and HDSL2, ISDN, T1, E1 and DDS. The TDR feature of the option adds precise fault location and analysis. CopperPro's POTS applications including voltage, opens, shorts, balance, RFL, VF noise and loss, terminated and dial-up tests, load coil detection and line monitoring. The Wideband/TDR delivers accurate fault location capability. Test and compare pairs, store measurements and test for crosstalk between pairs. The Wideband/TDR option also includes everything you need to qualify and troubleshoot lines for all standard digital services. Within seconds, the unique ADSL AutoTest determines whether a pair can provide ADSL service - even predicts upstream and downstream rates and bits per frame.

- CopperPro is a power packed advanced subscriber line test set
- Qualify POTS services: Caller ID, Auto Number Identification and dial-up modems
- Qualify digital broadband services: ADSL, (DMT & CAP), T1, E1, DDS, ISDN, HDSL, and HDSL2
- Measurements: Full Function DMM, RFL, Load coils, Tracing tones, VF Noise, VF Loss, VF Longitudinal Balance and send VF tone
- Model: 990DSLWT Wideband/TDR Additional Features: WB, Noise/level, Loss, Longitudinal Balance, Send WB tone, and Impulse Noise
- 990DSLWT: ADSI Autotest, and Data Rate Protection
- 990DSLWT: TDR 135 ohm, adjustable pulse-width, Range: 30,000 ft. (9144m)
- Power: AC Adapter with re-chargeable internal NiMH (16Hours).
- Dimensions: 9.8" X 5.3" X 3.2" Weight : 4.0 lbs.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 480373 1 EACH	Fluke Networks 990DSL 1 Year	CopperPro Loop Tester POTS, ADSL Includes: soft case, lead set, and manual	2,650.00 8 3.64	2,650.00 2,650.00 2,650.00
NEW 466317 1 EACH	Fluke Networks 990DSLWT 1 Year	CopperPro Loop Tester with Wideband & TDR, POTS, ADSL Includes: soft case, lead set, and manual	5,950.00 8 3.64	5,950.00 5,950.00 5,950.00
NEW 429368 1 EACH	Fluke Networks 990TL-N 1 Year	Test Lead Set Plain	59.00 0.25 0.11	59.00 59.00 59.00
NEW 418312 1 EACH	Fluke Networks 990TL-S 1 Year	Test Lead Set Spike	59.00 0.25 0.11	59.00 59.00 59.00
NEW 433314 1 EACH	Fluke Networks 990TL-B 1 Year	Test Lead Set Bed-of-Nails	59.00 0.25 0.11	59.00 59.00 59.00
NEW 413333 1 EACH	Fluke Networks 990TL-SB 1 Year	Test Lead Set Bed-of-Nails & Spike	59.00 0.25 0.11	59.00 59.00 59.00
NEW 413325 1 EACH	Fluke Networks 990-CASE 1 Year	Deluxe Transport Case for 990	69.00 0.5 0.23	69.00 69.00 69.00

Triplett Subscriber Loop Test Sets

Rugged subscriber loop test set. (1) TRANSMISSION Circuit Loss (-40 to 3 dBm,20Hz - 10kHz),Circuit Noise (0 to 33dBrnc, C message curve),Power Influence/Noise to Gnd (60 to 93dBrnc), Line Current (0 100mA). (2) TONE GEN: Sine Wave (204, 304, 404,575,750, 804, 1004, 1754, 1804, 2004, 2713, 2804 3004, 3204, 4804 Hz). (3) VOLT-OHM METER: Upto 300V DC/AC, 1Mohm resistance. Features high impa thermoplastic case and "non-slip" surface, and a strap for hands free use.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 443303 1 EACH	Triplett 3230 3 years	TRIPLETT Noise Mitigation Test Set. Unique features include"Green Window" Test, Data Logging, Analysis Mode and Peak Finder. Available in 50Hz or 60Hz. Standard Accesories are AC Power Pack, Cigarette Lighter Adapter, Test Leads, Instruction and Applications Manuals. Weather Resistant.	4,720.00 10 4.54	4,720. 4,672. 4,625.
70720 1 EACH	Triplett 3060 1 year	TRIPLETT subscriber loop test. Features transmission test set, 17 frequency tone generator, DC/AC voltmeter, true RMS detector, and digital readout.	759.00 4 1.82	759.0 751.4 743.8
32327 1 EACH	Triplett 3040 1 year	TRIPLETT subscriber loop test. Features transmission test set, 17 frequency tone generator, DC/AC voltmeter, true RMS detector, and analog scale.	698.00 5 2.27	698.0 691.0 684.0

LAN/Cable Qualification Testers [550-13]

If you are purchasing these, you may need:

Multipurpose Tools ..... page 156
Telecom Craft Tools ..... page 161

Fluke MicroNetBlink Kit

The quickest way to find network ports and cables. Whether you're an electrical contractor, a home ne working professional, datacom specialist or IT/netw manager.

- Intensive Testing: Flashing the hub light status Sending a tone, Identifying telephone line polarity, Verifying telephone lines, low voltage, Continuity, and Coax testing
- MicroBlink Dimensions: 4.53" x 2.49" x 1.03 Weight: 0.42 lbs; MicroProbe Dimensions: 8.07" x 1.42" x 1.42" Weight: 0.26 Lbs.
- Battery: 9-volt alkaline battery; low battery indica tion by LED
- Includes: MicroBlink, Tone Generator (Blink), Indu tive probe (MicroProbe), and users guide

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW 414391 1 EACH	Fluke MT-8200-48-E 1 yr	MicroNetBlink Kit Port & Cable locator	129.00 1 0.45	128. 127. 125.

NEW = New Listing. Pricing for reference o
See TESSCO.com for latest pricing and prod
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Telephone/LAN Line Testing Equipment

riplett PairMaster

r. No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
IEW 7882 ACH	Triplett 3241 Pair Masters-2years: Remote Identifiers-1year	The Pair Master gives users the ability to verify and test basic LAN installations.Can identify one of up to 16 cables,will also check for 8 faults including near-end crosstalk(NEXT) for double split pairs. Includes Remote Identifiers (#1,#2) RJ-45Patch Cable(1), RJ-45 In-Line Couplers(2), battery(9V), and manual.	775.00 10 4.54	775.00 767.25 759.50

rcuit Breaker Identifier

Just plug the transmitter into the receptacle and make a few quick scans of the power panel. An audible tone will clearly identifiy the proper breaker.

- ickly Identify circuit breakers and fuses
- udible tone generated when matching breaker is ated
- Transmitter power 9V battery
- Operates on powered systems no need to interupt power

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
077 ACH	AEMC Instruments CBI-1 1 Year	Circuit Breaker Identifier with Transmitter identifies 120Vac circuit breakers and fuses.	54.00 0.3 0.14	54.00 52.38 51.84

npo Voice Tagger Cable Identifier

Uses voice response and tone generator technology to identify and tag twisted pair, coax cable, electircal wires and security/alarm wires.

- e set-up for easy operation
- test leads clearly marked
- weight yet rugged construction is portable and ble
- Traces and identifies 17 seperate pairs/conductors
- Toning and Tagging up to 50,000 ft.

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
V 30 CH	TEMPO 1185-5011 1 Year	Voice Tagger Plus Cable Identifier	263.95 3 1.36	263.95 261.32 258.68

Megger Cable Length Meter

The Megger cable length meter is a hand-held unit that measures the length of telecommunication, data communication, RF, small signal and power cables on drums, in cut lengths or in installed sections. Ergonomically designed, robust and simple to operate.

- Display of cable length or distance to fault
- Internal library of standard cable types
- Cable types UTP, STP, FTP, Coaxial, and Multicore
- Selectable impedance and velocity factor
- Impedance range: 50, 75 and 100 ohms
- Ranges: from 0 to 328ft. and 328ft to 6560ft.
- Accuracy: +/-5% or 1.5ft.
- Dimensions: 8" H x 3" W x 1.5" D Weight 0.55lbs.
- Power: 9V alkaline battery

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
413049 1 EACH	Megger CLM200 3 yrs.	Cable Length Meter range 6ft to 6560ft. 9V battery	325.00 3 1.36	291.20 284.38 284.38

Megger Cable Fault Tester

The Megger SCT500 structured cabling tester identifies all common wiring faults, including split pairs, opens and shorts, on both screened (STP) and unscreened (UTP) cabling. Tests are in accordance with TIA568A/B, ISO11801, EN50173 and USOC standards. The SCT500 has a built in TDR for measuring cable length.

- Cable Types: 4 Pair UTP, 4 pair STP, 4 pair FTP, USOC, 568A/B
- Fault Indicators: Short, Opens, Crossed Pairs, Split Pairs, Miswires and Screen Faults
- Cable Length measurement form 6.5ft to 395 ft.
- Accuracy +/- 1.5ft (6.5 to 33ft.) 5% rdg. (33 to 395ft.
- Optional Remote identifiers
- Built in tone generator for cable location
- Dimensions: 8" H x 3" W x1.5" D Weight 0.55 lbs
- Power 9V alkaline battery

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
491032 1 EACH	Megger SCT500 1 yr	Cable Fault Tester Identifies wiring faults range 6.5 to 395 ft. Cable types UTP, STP, and FTP 4-pair	325.00 3 1.36	291.20 284.38 284.38
453043 1 EACH	Megger EV8101-110 1 yr	Carrying Case for SCT500	57.00 0.5 0.23	51.08 49.88 49.88
454098 1 EACH	Megger EV-8101-111 1 yr	Cable Identifier # 1 for use with SCT500	63.00 0.5 0.23	56.45 55.13 55.13
492095 1 EACH	Megger EV-8101-112 1 yr	Cable Identifier # 2 for use with SCT500	63.00 0.5 0.23	56.45 55.13 55.13
491080 1 EACH	Megger EV-8101-113 1 yr	Cable Identifier # 3 for use with SCT500	63.00 0.5 0.23	56.45 55.13 55.13

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Modular Cable Tester/Tone Generator

Quickly identifies: opens, shorts, reversals and transposed pairs. Connecting the receiver unit automatically activates the test process. Sequencing red and green LED's provide fast, accurate and simple-to-understand results. Alerts the technician if connected to an active circuit without harming the unit.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 427344 1 EACH	TEMPO 468 1 Year	Modular Cable Tester/Tone Generator power 9Vdc battery (not included)	120.75 2 0.91	120.75 119.55 118.34
NEW 437352 1 EACH	TEMPO 468C 1 Year	Carrying Case for Cable Tester model 468	14.25 1 0.45	14.24 14.10 13.96

TEST-UM LanRoverPRO

The LanRoverPRO Tester/Analyzer is the high performance CAT 5 tester that can measure cable length and identify multiple faults including shorts, opens, miswires, reversals and split pairs. . It includes features such as auto-on/auto-off, a tone generator mode for use with tone tracers and a low battery indicator.

- Audible and visual "Pass" indication
- Cable length range: 1-2500ft
- Split pair range: 1.5-1000ft
- Display: LCD, 2 lines of 16 characters
- Battery life: Approximately 120 hours

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 486294 1 EACH	Test-Um Inc. TP607 1 Year	The LanRoverPROTM Tester/Analyzer with 8 remotes	269.95 2 0.91	269.95 264.56 256.46
NEW 495279 1 EACH	Test-Um Inc. TP600 1 Year	The LanRoverPROTM Tester/Analyzer with 1 remote	159.95 1 0.45	159.95 156.76 151.96

Paladin LAN ProNavigator Test Set

If your a technician on the go, you need the LAN ProNavigator from Paladin Tools. Two-piece tester includes main unit and remote with test results at both ends.

- One-button, simple testing (PASS/FAIL) or fault find
- Test coaxial cable types RG58, RG59, RG6, RG6 Quad, Belden 8281, RG8, RG11 and more
- CAT-5, CAT-5E or CAT-6 (UTB/STP) cable testing
- Test data and telephone cables up to 320 feet (100 meters) for proper pairing for EIA/TIA-568A, EIA/TIA-568-B, Token Ring, 10 Base T, and common Category 5 configurations
- Uses standard 9-volt dc battery with auto-off function to preserve battery life

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
481161 1 EACH	Paladin 901066 1yr	LAN ProNavigator test set (main and remote), 2 RJ45 patch cords, 2 BNC coaxial cables, 2 CATV "F"-to-BNC adapters, 1 BNC/BNC adapter, 1 shielded RJ45 coupler, 2 belt clips in durable case.	184.95 2.8 1.27	165.72 154.07 150.00

Fluke LAN MicroMapper

For fast, comprehensive LAN Wiremap verification Whether you're an electrical contractor, a home ne working professional, datacom specialist or IT/netw manager, the Fluke Networks MicroTools family of powerful Voice/Data/Video (VDV) verification and t bleshooting tools will allow you to verify your wor while delivering a quality installation. The MicroMap perø is a small handheld cable tester which enables work professionals to quickly and easily verify the integrity of Ethernet twisted pair cabling.

- Testing of twisted pair cables for open circuits, shorts, crossed pairs, reversed pairs and split pairs
- Length for split pair 2 Ft. (min.), Twisted pair over 656 ft. (200m) Max.
- Power: 6 V alkaline battery
- Dimensions: 4.93" X 2.05" X 1.18", Weight: 0.28 lbs.
- Includes: Remote, patch cable, carrying case, 6V battery, and users guide

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW 488343 1 EACH	Fluke MT-8200-45E 1 yr	LAN MicroMapper for LAN wiremap certification	119.00 2 0.91	118 117 116

Fluke MicroScanner Network Cable Tester

The essential all-in-one network tester . Whether you're an electrical contractor, a home networking fessional, datacom specialist or IT/network manage the Fluke Networks MicroTools family of powerful Voice/Data/Video (VDV) verification and troublesh ing tools will allow you to verify your work while d ering a quality installation. This powerful tool is designed to prevent and solve cable and wire instal tion problems allowing you to confirm continuity, w ing configuration and the location of cable faults, sa you time and money at every installation.

- Verifies 10/100 Ethernet Measures cable length and distance to faults via Time Domain Reflectometry (TDR) technology Test twisted pair and coax cable Matches (UTP or coaxial) cables to offices during adds, moves and changes
- Applications: Shielded (STP) and UTP cable; 75 or 50 Ohm Coaxial cable; 10 Base-T or 10/100 Base-T networks
- New active network identification mode flashes hub ports and shows you if a network tap is operating at 10Mbps or 10/100Mbps and whether it is full or half duplex capable. It also identifies workstations by displaying PC.
- Office/Room function, which allows you to identify cabling drops for an office or room during adds, moves and changes. It helps determine routing at the patch panel and documents twisted pair and Coax networks easily.
- Measures length on all 4 pairs and displays in feet or meters; max length 1500 ft (457 m)
- Faults detected: Opens, Shorts, Reversed pairs, Swapped pairs, and Split pairs, distance maximum length: 656 ft (200/m)
- Options: Wiremap Adapter allows the MicroScan ner Pro to check if the cable under test has the rect wiring scheme
- Bare Wire Adapter: Allows you to verify two-wir networks like speaker wires, security networks telephone cabling
- Office/Room ID's: Allows you to document a co pleted installation. They will help you identify cab drops for an office or room during adds, moves changes (MACs).
- Coax Adapter: Used to verify coaxial cabling
- Dimensions: 5.5" x 3.25" x 1", Weight 1.1 lbs. Power: 9 Vdc battery

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW 443379 1 EACH	Fluke MT-8200-31E 1 yr	MicroScanner Pro Network for Voice/Data/Video installation, Includes Wiremap and coax adapter, (CATV type, F-connector), 9V battery and users guide.	399.00 3 1.36	397 393 389
NEW 459206 1 EACH	Fluke Networks MT-8200-22 1 Year	MicroScanner Pro Kit with Case and Office/Room ID Kit	549.00 8 3.64	549 549 549
NEW 476392 1 EACH	Fluke MT-8202-04E 1 yr	Carry Case for MicroScanner Pro	19.00 1 0.45	18 18 18
NEW 474397 1 EACH	Fluke MT-8203-14E 1 yr	Twisted Pair Wire Adapter	49.00 2 0.91	48 48 47
NEW 412360 1 EACH	Fluke MT-8203-15E 1 yr	Coax Adapter	29.00 2 0.91	28 28 28
NEW 465341 1 EACH	Fluke MT-8203-17E 1 yr	Office/Room ID Kit	139.00 2 0.91	136 136 135
NEW 411386 1 EACH	Fluke MT-8203-16E 1 yr	Bare WIre Adapter	19.00 2 0.91	18 18 18

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Telephone/LAN Line Testing Equipment

Luke Networks LAN Verification Tool

The Fluke 620 allows the installer to immediately verify that end-to-end connectivity is defect-free, in all category UTP LAN cables and hardware, as well as STP, FTP, and coax types. The 620 can detect open circuit and the length to the open, a short, and distance to the short circuit, and a split pair condition.

- ne person operation
- sts all LAN cable types: UTP, STP
- etects a multitude of wiring crossed, reversed, lit pair
- easures cable length from 1 to 999 ft. Accuracy
- Power: 2 AA batteries
- Dimensions: 7.25" H x 3.87" W x 1.8" D
- Weight: 12.5 ozs
- Optional cable Identifiers

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
315 ACH	Fluke Networks 620 1 yr	LAN Verification Tool	595.00 1.5 0.68	592.03 586.08 580.13
315 ACH	Fluke Networks N6201 1 Yr	LAN Cable meter remote ID. Has 3 remote locators (2 thru 4).	90.00 1.5 0.68	89.55 88.65 87.75

UKE Networks OMNIScanner 2

The OMNIScanner 2 provides advanced certification for Cat 5/5e/6/7 cabling links to 300 MHz using an extendible digital platform that ensures level III+ accuracy. With fast Autotest times, powerful diagnostics, intuitive graphical interface and customizable solutions to support a wide range of testing needs.

- tifies Category 5, 5E, 6 and 7 cabling up yo 300 z Cat 6 compliance with the latest TIA/ISO/IEC dards
- ures a dynamic range of 100 dB to accurately sure the faintest signals
- ufacture-specific cable libraries are pre-installed quick recall
- es full graphical data for all measurments to re a quality installation and performance
- OMNIScanner 2 Includes: Scanner and Remote, LinkWare Software, Cat 6/5e Permanent Link adapters (2), Cat 6/5e Channel adapters (2), Ac Adapter/ Charger, Serial Cable, Soft Case, and Manual,
- Optional Accessories: Single-Mode and Multi-Mode Fiber Adapters, Universal Permanent Link adapters, Channnel adapters, COax Adapter, Office Locator Kit, 32MB Multimedia card and USB cable
- Optional OMNIFiber MM (62.5microm cables): Uses LED source @ 850nm and 1300 nm, measures loss and lengh up to 2000 meters (6560 ft.)
- Optional OMNIFiber SM: Uses Laser light source @ 1310nm and 1550 nm, measures loss and lengh up to 16,000 meters (52,480 ft.)

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 70 CH	Fluke Networks OMNISCANNER 2 1 year	OMNIScanner 2 Digital Cable Analyzer	5,995.00 8 3.64	5,995.00 5,995.00 5,995.00
W 27 CH	Fluke Networks OMNIFIBER MM 1 year	Multimode Module Includes: MM Adapters (2), ST interchangeable adapters (2), 2 meter ST/ST duplex patch cables 62.5 microm (2), ST/ST adapters (2), and Quick start manual, ,REQUIRES OMNIScanner 2	2,995.00 2 0.91	2,995.00 2,995.00 2,995.00
W 38 CH	Fluke Networks OMNIFIBER SM 1 year	Singlemode Module Includes: SM Adapters (2), ST interchangeable adapters (2), 2 meter ST/ST duplex patch cables 9 microm (2), ST/ST adapters (2), and Quick start manual REQUIRES OMNIScanner 2	5,495.00 2 0.91	5,495.00 5,495.00 5,495.00

Fluke Networks Digital Cable Analyzers

The DSP Series of rugged digital cable analyzers are designed for cable installers and network owners who need to certify high-speed, copper and fiber cabling that fully complies with today's industry standards. These cable analyzers have an exclusive digital platform that ensures repeatable accuracy, no matter how many times you retest a link.

- Test a wide variety of LAN cabling systems
- Cable Types: Shielded and Unshielded Twisted Pair (STP,UTP), Foil-Screened Twisted Pair (ScTP), Coax, Fiber (optional fiber accessories)
- Test Standards: DSP-2000 TIA Cat 3, 4, and 5 Basic Link or Channel. DSP-4000/4300: TIA Cat 3, 4, 5, 5E and 6: 100ohm
- Supported Tests: Wire Map, Length, Propagation Delay, Delay Skew, Attenuation ACR, NEXT, NEXT@Remote, Power Sum NEXT, PSNET@Remote, DC Loop Resistance, Return Loss RL, (4000 only) ELFEXT.
- Display: Graphic bit-mapped LCD with Back light
- Memory: 2000/4000 1MB internal, 4300 16MB with Data Plot Storage Multimedia Card
- Dimensions: 2000 9"x5"x3", 4000 11"x5"x3" Weight: 3lbs.
- Languages Supported: English, Frensh, German, Spanish, Italian, Portuguese, Japanese, and Simplified Chinese
- Main Power: DSP-2000-NiCad, DSP-4000-NiMH battery with 10-12 hours of life
- Accessories: Fiber test adapters for Single and Multimode Fiber test accessories, Link interface adapters for Cat 5E, Lucent, AMP, Panduit, Ortronics, Krone, Alcatel, Hubbell, Nordx,and Siemen

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
481151 1 EACH	Fluke Networks DSP-2000 1 yr	Cable Analyzer DSP-2000: Smart Remote,LINK Software, AC adapter, Hard Case, Coax Cable BNC, UTP Cat 5 and Cal.Cable, RJ-45 to BNC adapter.	4,595.00 10 4.54	4,572.03 4,572.03 4,549.05
422172 1 EACH	Fluke Networks DSP-4000 120 1 yr	Cable Analyzer DSP-4000: CM Software,Smart Remote,PC Card Reader,Soft case,Talk set, AC adapter,Cat 5E link & channel adapters,Coax BNC cable, RJ-45 to BNC.	5,495.00 10 4.54	5,467.53 5,467.53 5,440.05
NEW 494191 1 EACH	Fluke Networks DSP-4300 120 1 yr	Cable Analyzer DSP-4300: CM Software,16MB Card Data Waveform Storage,Smart Remote,PC Card Reader,Soft case,Talk set, AC adapter,Cat 6/5E link & channel adapters,Coax BNC cable, RJ-45 to BNC.	6,595.00 10 4.54	6,562.03 6,562.03 6,529.05
442083 1 EACH	Fluke Networks DSP-LIA013 1 yr	Channel/Traffic Adapter for CAT 5E for DSP series cable testers	245.00 3 1.36	243.78 243.78 242.55
494127 1 EACH	Fluke Networks DSP-LIA011S 1 yr	Link Adapter for CAT 5E for DSP series cable testers	245.00 3 1.36	243.78 241.33 238.88
458131 1 EACH	Fluke Networks DSP-LIA012S 1 yr	Channel Adapter for CAT 5E for DSP series cable testers	245.00 3 1.36	243.78 243.78 242.55
494144 1 EACH	Fluke Networks FLUKE-140 1 yr	Tone Probe	150.00 5 2.27	149.25 147.75 146.25

Fluke Networks DSP Fiber Test Adapters

The Fiber Test Adapters add automated dual-fiber, dual-wavelength test and certification capability to the DSP-4000/4300, quickly transforming into a full-featured optical fiber tester. As high speed networks increasingly move towards optical fiber in premises and campus environments, Fluke is there to provide solutions to meet your fiber testing and certification needs.

- Test, certify and document fiber and copper with one tester
- Automatically test two fibers and two wavelengths simultaneously
- Singlemode, Multimode and Gigabit Testing
- Power Range: 0dBm to -50dBm
- Detector Type: InGaAs
- For use with DSP-4000 and DSP-4300 Cable Testers

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
413174 1 EACH	Fluke Networks FTA-410S 1 yr	Multimode Fiber Test Adapter LED source 850nm and 1300nm Includes: 4 SC/ST Patch cords and 2 ST/ST adapters 2500 meter measurement length	3,295.00 10 4.54	3,278.53 3,278.53 3,262.05
448002 1 EACH	Fluke Networks FTA-420S 1 yr	Multimode Fiber Test Adapter LED source 850nm and 1300nm Includes: 4 SC/ST and 2 ST/ST Patch cords and 2 ST/ST adapters 5000 meter measurement length	3,495.00 10 4.54	3,477.53 3,477.53 3,460.05
448192 1 EACH	Fluke Networks FTA-430S 1 yr	Singlemode Fiber Test Adapter Laser source 1310nm and 1550nm Includes: 4 SC/ST and 2 ST/ST Patch cords and 2 ST/ST adapters 10000 meter measurement length	4,995.00 10 4.54	4,970.03 4,970.03 4,945.05

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
443120 1 EACH	Fluke Networks FTA-440S 1 yr	Gigabit Multimode Fiber Test Adapter VCSEL source 850nm and 1310nm Includes: 4 SC/ST and 2 ST/ST Patch cords and 2 ST/ST adapters 5000m measurement length	3,995.00 10 4.54	3,975.03 3,975.03 3,955.05

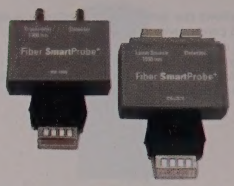
Agilent Wirescope LAN Cable Analyzer

The Agilent 350 provides comprehensive support for all current emerging LAN certifications for both Copper and Fiber cabling. Full modular design allow for both software and hardware upgrades for future LAN standards beyond Cat 6/ Class E. Offering oustanding test performance, ease of use and powerful reporting tools. Testing solutions for LAN Cat 6, Multimode and Singlemode Fiber, and Gigabit Ethernet on Fiber & UTP.

- Supports LAN: Copper Cat 6, Single and Multimode Fiber (optional Smartprobes), and Coax TDR test probe (optional)
- Accuracy beyond TIA and ISO level III requirements traceable to laboratory reference standards
- Expanded test result storage on CompactFlash memory cards
- Easy to use color touch screen interface minimizes training requirements
- Memory: Standard Internal 4MB, 32MB CFlash (optional)
- Supported Tests: Near End Crosstalk (NEXT) and Far End (ELFEXT), Attenuations, Return Loss, Wire Map, Cable Lengths, Propagation Delay, and Loop Resistance
- Power: Rechargeable NiMH battery, 9 hours of operation
- Dimensions: 9" x 4.5" x 2.6" Weight: 2.6 lbs
- Options: Fiber Optic SmartProbes for Single and Multimode Fiber, Complete Fiber Test Kits, Coax Test Probes, 64MB CFlash card, Hard Case, Brady Lable printer interface cable, and Talkset Kit
- ScopeData Pro software: Organizes cable by site, building, floor, wiring closet, etc., to simplify recording navigation, provides professional quality detailed reports

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
462173 1 EACH	Agilent Technologies N2600A-100 1 year	Wirescope 350 Kit Includes: Universal Cat 6 link & Channel Smartprobes, AC adpt. ScopeData Pro Software, Nylon Case, Hanging Strap.	6,121.00 15 6.82	6,090.40 6,059.79 5,998.58
410139 1 EACH	Agilent Technologies N2605A-134 1 year	Hard Carrying Case: Holds Wirescope, Fiber probes, Adapters Accesssory cables with cushioned lid	139.00 6 2.73	138.31 137.61 136.22
492131 1 EACH	Agilent Technologies N2604A-200 1 year	Coax Probe TDR capabilities with links and continuity measurements	129.00 1 0.45	128.36 127.71 126.42
415158 1 EACH	Agilent Technologies N2604A-301 1 year	Precision Calibration cable calibrates wirescope and dual remote for maintaining accurate results when testing Cat 6 Links	129.00 1 0.45	128.36 127.71 126.42
465146 1 EACH	Agilent Technologies N2605A-137 1 year	Talk Set (two) sets for operation with the wirescope and Dual Remote with volume and mute control	103.00 2 0.91	102.49 101.97 100.94
489130 1 EACH	Agilent Technologies N2605A-050 1 year	Interface cable for Wirescope to print lables directly to Brady printer TLS2200 (8-pin DIN to RJ11)	66.05 1 0.45	65.72 65.39 64.73
473117 1 EACH	Agilent Technologies N2605A-093 1 year	32MB CFlash memory card provides expandable memory: 9900 point without plots, and 750 points with plots	217.00 2 0.91	215.92 214.83 212.66

Agilent Wirescope Fiber Optic Kits



Transforms the WireScope into a high performance optical fiber power and loss meter. Length and propa tion delay measurement capabilities are included in t single and multi-mode fiber SmartProbes modules. A data rates increase on LAN and WAN backbones, m imum feasible fiber transmission distances decreases is critical to verify compliance with the maximum len restrictions appropriate for the fiber type and netw topologies planned for any new or existing installatio

- Probe Kits for both Multi-mode 850/1300nm and Single-mode 1310/1550nm
- Measures fiber lengths up to 50Km for SMF and 4Km for MMF
- Network-specific pass/fail determination for 25 fiber interfaces, including Gigabit Ethernet (1000BaseSX and 1000BaseLX)
- Detector Dynamic Range for Single and Multi-mode: 0 to -40dBm
- Transmitter Power Output: Multi-mode -11dBm (850nm), -13.5dBm (1300nm): Single-mode -3dBm (1310/1550nm)
- Fiber Networks: Cable standards (TIA 568A,568B and ISO11801), Gigabit Ethernet, Legacy, ATM/ SONET, FDDI/Fibre Channel
- Propagation Delay Range: 0-300 micro seconds
- Dimensions: 2.4" x 1.6" x 0.8"
- Power: draws from wirescope 350
- WireScope 350 Pro Test Combo Kit (N2600A-150 Includes: WirescopeTest probes for MM and SM, ScopeData Software, batteries, AC adapter, Hard Case, USB cable, Calibration cable, 2-Way Talk set and CLA. (kit reflects a significant savings)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
483137 1 EACH	Agilent Technologies N2597A-030 1 year	Fiber Optic 2-way SmartProbe kit for Multi-mode Fiber 850/1300nm Includes: 2 ST duplex patch cords, 2 ST calibration couplers and Software. REQUIRES Wirescope	1,990.00 6 2.73	1,980 1,970 1,950
476152 1 EACH	Agilent Technologies N2597A-040 1 year	Fiber Optic 2-way SmartProbe kit for Single-mode Fiber 1310/1550nm Includes: 2 SC duplex patch cords, 2 SC calibration couplers and Software. REQUIRES Wirescope	3,829.00 6 2.73	3,809 3,790 3,752
414107 1 EACH	Agilent Technologies N2600A-150 1 year	Wirescope 350 Pro Test Combo Kit for Single and Multi-mode Fiber	11,204.00 20 9.09	11,147 11,091 10,979

Tempo T-Bug Digital Signal Identifier

Uses to detect digital signals on twisted pairs cables identify and isolate digital pairs for special handling a help avoid accidentally putting pairs out of service. Continuously self test ensures that the unit is functi ing properly. Emits both visible and audible indicatio when digital signals are present.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
NEW 476398 1 EACH	TEMPO 0134-0500 1 Year	T-Bug Digital Signal Identifier detects digital signals on twisted pair	526.00 3 1.36	526. 520. 515.

TESSCO TECHNOLOGIES®
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elephone Cable Tester

Local continuity tester for telephone and data cables with RJ11 and RJ45 modular plugs.

ts local patch cables

ts cables up to 1000ft (305 meters)
ntifies open, crossed and shorted connections
ts RJ11 DEC-MMJ connectors using adapter cou-
gs

- Identifies connector & cable pin-out using true cable mapping, not pairing
- Push-button operation
- Unshielded RJ45 modular-plug socket connection
- 9-volt battery included

t No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
635 ACH	Paladin PA1529 1 yr	Designed to test RJ11 & RJ45 wiring. Identifies open, shorted & cross connected wired witha clear LEd display.	68.00 0.5 0.23	60.92 56.64 55.14

axial Cable Tester

Provides quick verification of opens or shorts in either the conductor or the shield of coax cable. Clear red/green LED indicators of short or open conditions. Standard BNC and F-type female connectors

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 01 CH	TEMPO 45055 1 Year	Coaxial cable Tester with standard BNC & F type female connectors	48.95 2 0.91	48.94 48.46 47.97

Cabling Tester

Tests continuity of PC, communication, and coaxial cables. Tests combinations of BNC, RJ11, RJ45, D-Sub 9, 15, 15HD, 25, and Centronics 36 pin. Male and Female connectors.

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
6 H	Paladin PC CABLE-CHECK 1 year	PC Cabling Tester	180.00 0.5 0.23	161.28 149.94 145.98

LinemansTestSets' [550-14]

If you are purchasing these, you may need:

Tool Kits, Complete. . . . . page 1523

Test-Um Field Kits

497027 463270 492066 448325 424281 446221 420247

Test-Um field kits featuring lightweight (less than 10ozs) test sets, Tone generators and Tone Tracers

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
497027 1 EACH	Test-Um Inc. KP200 1 Year	KP200 field kit- Includes the LB110 Telephone test set with a headset and bed of nails cordset in a cordura pouch with flap	143.50 3 1.36	143.50 140.63 136.33
NEW 463270 1 EACH	Test-Um Inc. KP300 1 Year	KP300 deluxe field kit- Includes LB 110 Telephone test set with a headset and bed of nails cordset, the TG100 Tone Generator and the TT100 Tone Tracer	229.95 3 1.36	229.95 225.36 218.46
492066 1 EACH	Test-Um Inc. KP400 1 Year	KP400 deluxe "Pro" field kit includes the LB220 "PRO" Telephone test set with a headset and bed of nails cordset, the TG100 tone generator and the TT100 tone tracer	273.95 3 1.36	273.95 268.48 260.26
NEW 448325 1 EACH	Test-Um Inc. KP402-A 1 Year	KP402-A The advanced field kit that includes the LB255 "Ranger" Telephone test set with headset and bed of nails cordset, the TG100 tone generator and the TT100 tone tracer	273.95 3 1.36	273.95 268.48 260.26
NEW 424281 1 EACH	Test-Um Inc. LB100 1 year	LIL' BUTTIE Test Set with tone & pulse dialing, mic mute, last number redial, line polarity indication, modular cordset, low battery indicator and a headset jack	119.95 2 0.91	119.95 117.56 113.96
NEW 446221 1 EACH	Test-Um Inc. LB200 1 Year	The Lil' Buttie PRO featuring an LCD that shows on-hook voltage, off-hook current, battery condition and line polarity. Other features include Caller ID/Call waiting,number dialed, stored numbers and set-up information.	179.95 2 0.91	179.95 176.36 170.96
NEW 420247 1 EACH	Test-Um Inc. LB255 1 Year	The Ranger includes all of the features of the Lil' Buttie Pro and includes DTMF decode, auto dial line identification, digital line sensing and DSL safe and an amplified speaker. Includes headset and cordura pouch.	279.55 2 0.91	279.55 273.96 265.58
NEW 456233 1 EACH	Test-Um Inc. LB40B 1 Year	Hands-free headset with Boom Microphone	15.00 0.5 0.23	15.00 14.70 14.25

Harris TS17 Test Set

Tests phone lines for talk, monitor, and dialing functions. Low cost alternative for the infrequent telecom technician. Perfect for installing inside wiring for phone or CAT5. Features: Continuous polarity indication, Audible ringer for callbacks. Can identify faults such as shorts, grounds, and cross talk. Includes quick release belt clip, and hearing aid compatible reciever.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
49640 1 EACH	Harris Corporation TS17 DELUXE 90 Days	TS17 Deluxe TelephoneTest set with Aligator clips, Data safe monitor, Hook flash, Mute, and Redial Functions.	126.65 0.75 0.34	94.77 92.24 88.63
37675 1 EACH	Harris Corporation TS17-005 90 Days	TS17 Telephone Test set with Aligator Clips Cord.	112.35 0.75 0.34	84.08 81.83 78.63

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Harris TS-19 Butt Set

Tests phonelines for talk, monitor, & dialing functions. Features: Tone & pulse operation, last number redial, DTMF signal levels, solid state circuitry, human engineered features, spring loaded belt clip, can be used with computerized voice response systems and hearing aid compatible receiver.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
29943 1 EACH	Harris Corporation TS19-009 18 Mo.	TS19 Telephone Test Set with Angled Bed of Nails Cord.	177.95 1.56 0.71	133.17 129.61 124.54
431003 1 EACH	Harris Corporation TS19-003 18 Mo.	TS19 Telephone Test Set with Banana Jacks & Clips	177.95 1.56 0.71	133.17 129.61 124.54

Harris TS30 Test Set with RainSafe

Harris sets the standard in RainSafe water resistance and DropSafe durability so you are assured your test set keeps working in the toughest environments. Includes high impedance monitor. Allows you to clip onto a line without disrupting the existing signal.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
68000 1 EACH	Harris Corporation TS30-009 18 Mo.	TS30 Telephone Test Set with Angled Bed of Nails clip and Cordset. RainSafe and DropSafe.	263.00 1.56 0.71	196.83 191.57 184.08
489001 1 EACH	Harris Corporation P3080-009 18 Mo.	Line Cord with Piercing Clip Cordset for TS30 Series	40.25 0.5 0.23	30.14 29.33 28.18

Harris TS22 w/ Amplified Speaker

Features amplified speaker. Two audio levels for hands free listening and for use with voice response systems. Tests lines for talk, monitor, and dial functions in tone or pulse operation. Features last number redial, DTMF signal levels, PBX pause button, locking mute switch, high voltage protection against station carrier. 9 no. (18 digit) memory locations. Passes 20 foot drop test and meets all CCITT specifications. Moisture resistant construction.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
92759 1 EACH	Harris Corporation TS22-009 18 Mo.	TS22 Telephone Test Set with Angled Bed-of-Nails Cord.	303.25 2 0.91	226.97 220.90 212.26
14789 1 EACH	Harris Corporation TS22-001 18 Mo.	TS22 Telephone Test Set with Angled Piercing Pin Cord	290.25 1.85 0.84	217.25 211.44 203.17
59140 1 EACH	Harris Corporation TS22-007 18 Mo.	TS22 Telephone Test Set with Ground Start Cord.	290.25 1.56 0.71	217.25 211.44 203.17

Harris TS22A Test Set

Includes dual audio levels, hands free speakerphone. Tests for talk, monitor,and dialing functions in tone or pulse operation. Features last number redial, stores nine 18 digit numbers in repertory dialer (speed dialing) , locking mute, reverse polarity LED, audible ringer, high voltage protection, noise reduction circuits, and hi impedance monitor for data safe operation. Moisture resistant design meets all CCITT specs and passes the 20 foot drop test.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
98253 1 EACH	Harris Corporation TS22A-009 18 Mo.	TS22A Telephone Test Set with Angled bed-of-Nails Clips.	335.05 1.56 0.71	250.78 244.07 234.53
46306 1 EACH	Harris Corporation TS22A-001 18 Mo.	TS22A-001 test set withStandard piercing pin clip cord.	335.05 1.56 0.71	250.78 244.07 234.53
28694 1 EACH	Harris Corporation TS22A-007 18 Mo.	TS22A Telephone Test Set with Ground Start Cord.	335.05 1.98 0.9	250.78 244.07 234.53

Harris TS22AL Test Set

Includes dual audio levels, hands free speakerphone. Tests talk, monitor,and dialing functions in tone or pulse operati Features lastnumber redial, 9 memory locations, locking mute, reverse polarity LED, audible ringer, high voltage pro tection, noise reduction circuits, and hi impedance monito for data safe operation. Moisture resistant design meets al CCITT specs and passes the 20 foot drop test.

- Data Detect and lockout
- Detects T1, E1, SW-56, ISDN PRI, ISDN BRIm HDSL and SRDL
- Talk mode warning
- High impedance monitor

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
66616 1 EACH	Harris Corporation TS22AL-009 18 Mo.	TS22AL Telephone Test Set with Data Lock-out, Speaker Phone W/ Angled bed-of-Nails Clips.	361.05 2 0.91	270. 262. 252.
73639 1 EACH	Harris Corporation TS22AL-001 18 Mo.	TS22AL Telephone Test Set with Angled Piercing Pin Clips.	361.05 2 0.91	270. 262. 252.

Harris TS 22LO Test Sets

The TS22LO Test Set, offers built-in data detection with override features. The data lockout capability prevents the technician from inadvertently disrupting data when switch to talk mode, makes this unit state-of-the-art. When attempting to pull data tone from a very noisy imbalanced or noisy ground start line, the data lockout circuit can be overridden with the units override feature. The amplified speaker increases technician productivity.

- Data Lockout Protection with Override
- Amplified Speaker for Hands free Monitoring
- High Impedance DataSafe Mode
- DropSafe Reliability Passes 20FT. Drop Test
- RainSafe Protection in Server Weather
- Stores nine 18-Digit (speed dialing)
- PBX Pause Button
- Audible Ringer for Callbacks

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
484080 1 EACH	Harris Corporation TS22LO 18 Mo.	TS22LO Telephone Test Set with Angled bed-of-Nails Clips.	328.55 1.8 0.82	245. 239. 229.

Harris TS 22ALO Test Sets

The TS22ALO top of the Test set provides all the features the TS22LO. Additionally, the two-way speakerphone whic offers technicians true hands-free operation, and mute sw provides uninterupted line monitoring while in talk mode

- Data Lockout Protection with Override
- Two-Way Speakerphone
- High Impedance DataSafe Mode
- DropSafe passes 20FT. Drop Test
- RainSafe Protection in Server Weather
- Stores Nine 18-Digit numbers speed-dial

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
486062 1 EACH	Harris Corporation TS22ALO 18 Mo.	TS22ALO Telephone Test Set with Angled bed-of-Nails Clips.	374.00 5 2.27	279. 272. 261.

Harris TS 45 ADSLSafe Test Set

The TS45S test set allows the user access to the POTS si of an ADSL line without downing the digital service. They also go into talk mode on the POTS side and place a call w out disrupting the ADSL data side. No other test set can offer this level of data protection, so it is perfect for ILEC and CLECs that are deploying ADSL service and having to deal with line share.

- ADSL Safe Technology will not down data service
- Data Lockout protects data service and emits warning tone
- Weatherproof Case and DropSafe
- Speed Dialing (ten 23-digit numbers)
- PBX Pause Button
- Rotary Dial and DTMF Outputs
- Speakerphone
- Twisted pair data services including: T1, E1, ISDN, PRI, BRI, HDSL, SW56, ADsl, and SDSL

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
417072 1 EACH	Harris Corporation TS45 18 Mo.	TS45S ADSL SafeTelephone Test Set with Angled bed-of-Nails Clips.	549.30 5 2.27	411 400 384

NEW = New Listing. Pricing for reference See TESSCO.com for latest pricing and prod

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Telephone/LAN Line Testing Equipment

rris Butt Set Accessories

ADSL/POTS Splitter allows your current butt set to be safe for ADSL lines, you can draw dial tone without disrupting ADSL service. The splitter is built to T1E1.4 and G.992.2 standards to work with all ADSL services.

L/POTS Splitter

• Line Cord Assemblies for the TS22

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
031 CH	Harris Corporation 10410-100 18 Mo.	Harris ADSL/POTS Splitter with RJ11 jack and alligator clips	110.40 0.5 0.23	82.62 80.41 77.27
063 CH	Harris Corporation P3218-441 18 Mo.	Line Cord Assembly with Start Cord for Lockout series TS22AL and TS22LO	65.60 0.5 0.23	49.09 47.78 45.91

njo Modular Adapter & Accessories

The Banjo Modular Adapters are designed to permit testing on lines. They allow circuit access without disrupting service. Sturdy copper contacts are angled to prevent alligator clips from falling off during testing. There are also small holes in each contact for use of test probes. The new Harris-Dracon Banjo Adapter has replaceable test leads and have a second jackfor pass-through operation. Replacement 4 wire, 6 wire, and 8 wire leads are available.

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
67 CH	Harris Corporation 10210-100 18 Mo.	4 wire in-line Banjo adapter with replaceable cord.	25.35 0.09 0.04	18.96 18.45 17.73
49 CH	Harris Corporation 10113-000 18 Mo.	Standard 4-wire modular adapter	14.30 0.5 0.23	10.70 10.41 10.00
70 CH	Harris Corporation 10220-100 18 Mo.	6 wire in-line Banjo adapter with replaceable cord.	27.30 0.1 0.05	20.42 19.87 19.09
66 CH	Harris Corporation 10230-100 18 Mo.	8 wire in-line Banjo adapter with replaceable cord.	32.50 0.09 0.04	24.30 23.65 22.73

gressive Electronics Test Sets

415008

rsal Features
proof to a depth of 3ft for 30 minutes
Safe Monitor

• Three Year Warranty
• Drop Tested to 20 ft
• Cordset with Bed-of-Nails & Piercing Pin Clip

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
08 H	Progressive Electronics PE945 3 yrs	PE945 Includes all of the Universal Features, an amplified speaker and two way hands free operation	300.00 1.5 0.68	300.00 297.00 294.00

pToner Break-out Generators

The AT series tone generators make it simple to test any configuration of pairs in both 6 and 8 position modular jacks and plugs. By combining the features of the popular tone generators and a modular breakout adapter, the technician can now test continuity, polarity, send tone, and even supply talk battery to any pair, in any configuration. With both a modular plug and jack on each unit.

ng product table (1 of 2)

, m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
7 H	Progressive Electronics AT6A 1 yr	6 position "snag proof" modular plug, 6 pos. jack with cover, 22 and 24 ga wire strippers, selectable solid/warbletone signal, and heavy duty "bed- of-nails" piercing clips.	81.50 0.25 0.11	81.50 80.69 79.87

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
71510 1 EACH	Progressive Electronics AT8 1 yr	8 position "snag proof"modular plug, 8 pos. jack with cover, tone, continuity, and talk battery supply using alligator clips, select solid warble tone, quick ref guide, andalligator clips.	63.00 0.25 0.11	63.00 62.37 61.74

Telecom Cable Locators and Testers [550-15]

Harris Tone and Probe Kit

66661 66674 66682

The Pro2000 Tone Generator and Pro2000 Probe provide a system that works with all types of wire and cable, including twisted-pair, multi-conductor cable, electrical wire, speaker wire, coaxial, alarm cable and LAN cable. Packaged in a handy pouch, the kit includes the Pro2000 Tone Generator, Pro2000 Probe and ear piece.

• Pro2000 Probe: Inductive tracer identifies the singal from the genrator through drywall, wood, and other non-metallic materials
• Identify split pairs when one wire froma pari has been terminated
• Pro2000 Generator: offers an external switch to select solid and pulse tone options, indicates with sold or flashing LED
• Polarity LED indicates presence of voltage
• Gold plated to prevent corrosion build-up
• Ear Piece: for noisy environments, lightweight and easy to use

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
66649 1 EACH	Harris Corporation 26000-000 18 Mo.	Tone and Probe Kit with pouch	115.60 0.4 0.18	86.51 84.20 80.91
66661 1 EACH	Harris Corporation 26200-000 18 Mo.	Tone Generator	40.95 0.4 0.18	30.62 29.80 28.64
66674 1 EACH	Harris Corporation 26100-000 18 Mo.	Pro2000 Tone Probe. Works with the Pro2000 Tone Generator.	76.65 0.4 0.18	57.35 55.82 53.64
66682 1 EACH	Harris Corporation 26300-000 18 Mo.	Pro2000 Probe Ear Piece. Works with the Pro2000 Probe.	21.45 0.2 0.09	16.04 15.61 15.00

Progressive Electronics Tone Kits

89724 37481 64738 22609

The Progressive Electronics Tone and Probe kits offer ease in identifing single conductors or cables within a bundle, at cross connect points or a remote ends.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
89724 1 EACH	Progressive Electronics 801K 1 yr.	Premium kit includes the 77HP/6A high power tone generator and the 200FP filter probe in a cordura case.	163.80 0.78 0.35	163.76 162.13 160.49
37481 1 EACH	Progressive Electronics 200FP 1 yr.	The Model 200FP Inductive Amplifier with switcheable AC humfilter.	118.00 1 0.45	118.00 116.82 115.64
64738 1 EACH	Progressive Electronics 77HP/6A 1 yr.	The 77HP high power tone test set with J.S.Popper 6A clips.	37.75 0.5 0.23	37.75 37.38 37.00
22609 1 EACH	Progressive Electronics 77CS 1 yr.	Leather carrying case for the tone test set.	6.90 0.5 0.23	6.90 6.84 6.77

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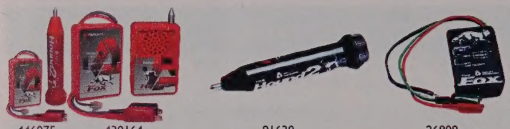
Progressive Electronics Tone Kits

26345 47788 39559

The Progressive Electronics Tone and Probe kits offer ease in identifing single conductors or cables within a bundle, at cross connect points or a remote ends.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
26345 1 EACH	Progressive Electronics 701K 1 yr.	Includes the 77HP high power tone generator and 200EP inductive amp in a cordura case.	102.50 0.78 0.35	102.50 101.48 100.45
47788 1 EACH	Progressive Electronics 200EP 1 yr.	The Model 200EP Inductive Amplifier with adjustable volume control.	61.25 0.5 0.23	61.25 60.64 60.03
39559 1 EACH	Progressive Electronics 77HP 1 yr.	The 77HP high power tone test set.	33.00 0.5 0.23	33.00 32.67 32.34

Triplett Fox and Hound Sets



446075 430164 91630 26809

The Triplett Fox & Hound sets make wire tracing easy. Choose either the traditional style Hound or the newly designed "pen-style" Hound 2.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
446075 1 EACH	Triplett 3245-K 1 yr	Fox with new "pen style" Hound 2 and cordura case.	92.00 2 0.91	92.00 91.08 90.16
13142 1 EACH	Triplett 3245 1 yr	Fox with new "pen style" Hound 2.	79.00 0.56 0.25	79.00 78.21 77.42
430164 1 EACH	Triplett 3385-K 1 yr	Fox with traditional Hound and case.	92.00 2.5 1.14	92.00 91.08 90.16
91630 1 EACH	Triplett 3236 1 yr	Hound 2	55.00 1 0.45	55.00 54.45 53.90
26809 1 EACH	Triplett 3380 1 yr	The Fox.	31.00 2 0.91	31.00 30.69 30.38
NEW 486126 1 EACH	Triplett 3380 1 Year	Tone Generator, generates 3 disticnt tones to simplify wire tracing.	31.00 2 0.91	31.00 30.69 30.38
51535 1 EACH	Triplett 10-3983 1 yr	Carrying case which will hold & protect a Fox with a Hound or Hound 2 probe.	21.50 2 0.91	21.50 21.29 21.07

Test-Um Tone Tracer & Generator Kit

414078 435322

Tone and probe kit combining the TT100 tone tracer, with the TG100 tone generator in a codura pouch.

- TG100 features:
- Three built in tones and two amplitude levels
- Auto-off for battery conservation
- Modular jack to allow multiple cord sets to be used for different applications
- TT100 features:
- Ergonomic design with balanced weighting
- Headset jack
- Quick change tips

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
414078 1 EACH	Test-Um Inc. KP100 1 Year	Test-Um- Tone and Probe kit in a cordura pouch	98.00 2 0.91	98.0 96.0 93.1
NEW 435322 1 EACH	Test-Um Inc. TG200 1 Year	Test-Um- Turbo-Tone generator, extra long distance capability (Up to 20 Miles). Multiple tones and power levels for various applications. Includes cables and a carrying case.	64.95 1 0.45	64.9 63.6 61.7

Progressive Tracker II Cable Locator

476357

Traces the path and determines the depth of wires and metallic pipes active or dead systems without having to deactivate the system. High frequency transmitter offers direct, inductive coupler or inductive antenna connection.

- Lightweight receiver provides audible and visual indication of signal strength
- High frequency transmitter provides ranges up to 4000 ft. and depths up to 7 ft.
- Lightweight Receiver Length 32 inches
- Transmitter Frequency; 447.5 KHz, Voltage protection; 240 VAC, 500 VDC
- Power: Transmitter 8 - AA batteries, 30 hrs. life: Receiver (1) 9Vbattery, 10 hrs. life
- Automatic shut-off: Transmitter & Receiver finish, powder coated aluminum
- Weight: 6.7 lbs. total
- Includes: Transmitter & Receiver, Inductive couple (clamp), Inductive antenna, (2) 8 ft. leads w/alligato clips and Hard Case

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
NEW 476357 1 EACH	Progressive Electronics 501 TRACKER II 1 year	Tempo Tracker II Cable Locator Kit	687.00 10 4.54	687. 680. 673.

Progressive Wire Finder/Locator

456344

Used to locate buried or in-wall wiring but not requiring all the bells and w tles of a high priced cable locator. The 508S provides reliable results on bur cables to depths of 3 feet and lengths up to 1000 feet.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
NEW 456344 1 EACH	Progressive Electronics 508S 1 year	Wire Finder/Mini Locator Kit	240.00 6 2.73	240. 237. 235.

Megger Cable Height Meters

453293

The Megger CHM series of Cable Height Meters utilizes ultrasonic sound to determ the height of up to six overhead cables and wires. The CHM 2000 model is designe specifically for telecommunications applications and measures up to 35 feet. The mo CHM 600E will measure up to 75 feet and is designed primarily for power cable app tions. Both models require no physical connection to cables or wires.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
NEW 453293 1 EACH	Megger CHM2000 1 year	Cable Height Meter 35ft.	435.00 1 0.45	432. 430. 428.

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inuing product table (2 of 2)

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 4357 ACH	Megger 659600E 1 year	Cable Height Meter 75ft.	550.00 1 0.45	547.25 544.50 541.75

le-Check Modular Line Tester

Analyzes modular phone line problems. Tester inserts into modular jack. Provides visual indication of type of problem. Green LED indicates correct wiring, Red LED indicates reversed polarity, or no lamp indicates dead circuit.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
169 ACH	GC/Waldom 30-9451 1 yr	Telephone line tester	6.35 0.32 0.15	5.90 5.49 5.37

/co Line Multimeter

Designed for with the telco service person in mind. Drop resistant high-impact casing. (1) DC/AC voltage ranges: 0 - 3, 15, 60, 300. (2) Ressitance: 0-20Kohms, 200Kohms, 2Mohms, 20Mohms. (3) DC current ranges: 600uA, 6mA, 60mA, 600mA. Polarity reversing switch for telco applications. Includes: 42" safety test leads, screw-on insulated alligator clips, batteries & instruction manual.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
13 CH	Triplett 3067 3 yr	Analog line multimeter.	140.00 2 0.91	140.00 138.60 137.20

lper Lineman Telephone Line Tester

82193

19870

The Helper Lineman measures line and tone levels at 404Hz, 1004Hz, 1850Hz, 1950Hz, 2175Hz, and 2804Hz. Includes internal speaker and audio amplifier for line monitoring. Microphone andPush-to-Talk switch allow it to be used as an intercom. Output level range: -30 dBm to +12 dBm. Easy to use analog meter in scales of -10, 0 and +10 dBm. Includes 6 "C" cells for power. Simple alligator clip connections.

o. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
93 CH	Helper Instruments LM106 1 yr	Lineman	395.00 3.18 1.45	393.03 391.05 389.08
70 H	Helper Instruments CCL1 1 yr	Carry case for LM106 made of cordora.	89.00 0.57 0.26	88.56 88.11 87.67

Fiber Optic Inspectors and Certifiers [750-30]

If you are purchasing these, you may need:

Consumables Kits . . . . . page 1542
Fiber Optic Installer Kits. . . . . page 1542

FLUKE Networks FiberInspector

The FiberInspector FT300 portable video microscope gives you superior vision by enabling you to inspect all types of installed fiber terminations in hardware devices and patch panels. The FiberInspector includes a hand-held LCD display unit and a small, lightweight probe that contains a long-life LED light source and CCD video camera. The probe adapter tip mates with the connector and projects crisp, clear images of microscopic debris and end-face damage on the LCD display. The video display allows you to look at a fiber end-face without looking into the fiber, eliminating any chance of harmful laser light reaching your eye.

- Easily inspects installed fiber connectors and cable assemblies on patch panels
- Magnification 250X with 2.5 in. TFT, active matrix LCD display
- Camera type CCD with adjustable focus and Video output NTSC
- Light source Red LED with Coaxial lighting technique
- Dimensions Display 3.5"x 2.3"x 8.5" Probe 1.3"x 1.3"x 4.3"
- Power NiMH battery (3Hr. life) or AC power

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Connector Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
425027 1 EACH	Fluke Networks FT300 1 yr.	Video Microscope: FT350 fiber probe, FT330 display, AC adapter/charger,2.5mm patch cord tips and hard carry case. ST ,SC, FC	3,495.00 10 4.54	3,477.53 3,477.53 3,460.05
421141 1 EACH	Fluke Networks NF360 1 yr.	MT-RJ Video Probe Adapter Tip for the FiberInspector Video Microscope FT300	285.00 10 4.54	283.58 283.58 282.15
489104 1 EACH	Fluke Networks NF362 1 yr.	LC Video Probe Adapter Tip for the FiberInspector Video Microscope FT300	115.00 10 4.54	114.43 114.43 113.85
463101 1 EACH	Fluke Networks NF430 1 yr.	Fiber Optic Cleaning Kit: Alcohol cleaning pads, 2.5mm foam-tip sticks, large foam-tip,lint-free wipes, and iso-prpyl alcohol	95.00 1.05 0.48	94.53 94.53 94.05

Visual Fault Finder

65628

The Visual Fault Finder is an efficient and economical tool, used to visually check continuity and integrity of fiber installations.

- Center Wavelength 635nm (630-640nm)
- Power output : -5dBm
- Universal Connector Interface (UCI) ST connector included
- Optional Connectors: FC, SMA, DIN, Diamond, and SCD

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Connector Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
65628 1 EACH	Tektronix TOP300/34 1 yr.	Visual Fault Finder. Emits visible red light for visually finding faults in runs of fiber optic cable. Handheld. Battery Powered. ST	1,195.00 4 1.82	1,189.03 1,183.05 1,177.08

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FLUKE Networks CertiFiber

Fluke Networks' CertiFiber is the industry's first hand-held tester for certification of multi-mode fiber networks. Makes certification fast with one-button CertiFiber measures fiber length and optical loss on two fibers at two wavelengths, computes the optical loss budget, compairs the results to the industry standards and provides and instant PASS or FAIL indication. Save then upload, manage and report results with free Scanlink Tools PC software.

459226

- Tests two multimode fibers at two wavelenghts in a single automated Autotest mode
- Optical Transmitter: LED 850/1300nm: minium power output -20dBm
- Receiver Accuracy: +/- 0.25 dB, Resolution: 0.01 dB/dBm
- Measurement Length: 2000 m (6560 ft.): Resolution: 1 m (3ft.)
- Dimensions: 3.1" x 7.1" x 1.6" (main & remote)
- Connections: Interchangeable adapters: ST (standard), SC, FC and universal
- Power: 6- AA Batteries
- CertiFiber Includes: CertiFiber (ST), Remote, Scanlink Tools Software, Carrying Case, Serial cable, and 6- AA batteries with Manual

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Connector Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 459226 1 EACH	Fluke Networks 8240-04 1 year	Certifiber Kit Multi-Mode LED light Sources 850nm and 1300 nm ST interchangeable connector	3,290.00 5 2.27	3,290.00 3,290.00 3,290.00
NEW 410358 1 EACH	Fluke Networks 8002-16 1 year	SC interchangeable connector for CertiFiber SC interchangeable connector	75.00 1 0.45	75.00 75.00 75.00
NEW 415380 1 EACH	Fluke Networks 8002-17 1 year	FC interchangeable adapter connector for CertiFiber FC interchangeable connector	75.00 1 0.45	75.00 75.00 75.00

Hand-Held Power Meters & Sources [750-25]

If you are buying these, you may need:

Consumables Kits . . . . . page 1542
Fiber Optic Installer Kits . . . . . page 1542

FLUKE Fiber Optic Sources

Fiber Optic Sources (FOS) generate light at selected wavelengths for testing fiber optic cables. Available for 850, 1300, and selectable 850/1300nm light. LED sources generate laser light at -20 dBm. Standard ST connectors. Adapter/jumper cables available separately. Stability: +/-0.2 dB per 8 hours. Powered by 9V alkaline battery with 24 hours operating time.

61157

- LED source generates -20dBm of light for testing fiber optic runs
- Battery powered: 9Vdc
- Dimensions: 4.5" x 2.5" x 1.5" Weight: 5.0 oz.
- Use with an optical power meter for loss measurement

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Fiber Type, Wavelength Connector Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
61157 1 EACH	Fluke FOS 850 1 year	Fiber Optic Source (FOS) Multi-Mode 850nm ST connector	195.00 1 0.45	194.81 192.08 187.59
47943 1 EACH	Fluke FOS 850/1300 1 year	Fiber Optic Dual LED Source Multi-Mode 850/1300nm ST connector	495.00 1 0.45	494.51 487.58 476.19

FLUKE Fiber Optic Power Meter

The FOM helps you test and maintain fiber optic cables without having to buy a whole new meter. Plugs into any DMM with a mV DC input. Quickly verify fiber optic cable system loss.

35978

- Dynamic Range: =3dB to -50dBm

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Fiber Type, Wavelength Connector Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
35978 1 EACH	Fluke FOM 1 year	Fiber Optic Meter (FOM) power meter. Plugs into any DMM with a mV input, Output 1mV per 1dB input Single and Multi-Mode 800 to 1600nm ST connector	295.00 1 0.45	294.71 290.58 283.79

MEGGER Fiber Optic Light Sources

468032 449094 451099

- Features: Ruggedized waterproof housing IP54
- MLS635 Visible Light 635nm high intensity Class II laser source
- 9 Times brighter than conventional 670nm units
- Visual location of faults in patch panels, trays, etc.
- High stability output, Continuous and modulated outputs
- Battery powered 2 x AA Alkaline
- Ultra fast laser stabilization, High stability output
- Continuous and modulated outputs
- Includes: Carry Pouch

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Fiber Type, Wavelength Connector Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
468032 1 EACH	Megger MLS635-SC 3 years	Optic Visible Light Source High intensity laser Single and Multi-Mode 635nm SC connector	650.00 3 1.36	649. 640. 625.
449094 1 EACH	Megger MLS1000-SC 3 year	Fiber Optic LED Light source Multi-Mode 850/1300nm SC connector	690.00 3 1.36	689. 679. 663.
451099 1 EACH	Megger MLS2000-SC 3 year	Fiber Optic Dual Laser Source Single-Mode 1310/1550nm SC connector	1,600.00 3 1.36	1,598 1,576 1,539

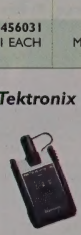
Megger Fiber Optic Power Meters

419064 456031

- Features: Ruggedized waterproof housing IP54
- MPM1000 Multi-mode Power meter germanium detector
- Wide Dynamic Range +5 to -60dBm and dBrel measurement mode
- MPM2000 Single Mode power meter Wide Dynamic Range +10 to -70dBm and dBrel measurement modes
- MPM2000 Suitable for SDH, Telecom and other si gle mode links
- Power: Dry cell or internal rechargeable battery
- Dimensions: 6.3" x 3.3" x 1.2"
- Includes: Carry Pouch

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Fiber Type, Wavelength Connector Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
419064 1 EACH	Megger MPM1000-SC 3 year	Fiber Optic Power meter germanium detector Single and Multi-Mode 850/1300/1550nm SC connector	450.00 3 1.36	449. 443. 432.
456031 1 EACH	Megger MPM2000-SC 3 year	Fiber Optic power meter Wide Dynamic Range Single and Multi-Mode 850/1300/1310/1550nm SC connector	960.00 3 1.36	959. 945. 923.

Tektronix Fiber Optic Sources



Fiber Optic sources for testing Multimode and Siglemode fibers. When us with an optical power meter, can detect loss in a cable caused by back con tors or damaged fiber. The TOP130 generates light at 850 or 1300 nm wav lengths (switch selectable)for multimode fiber. The TOP140 works at 1310 nm, and the TOP150 at 1550 nm for singlemode fiber. The TOP 130 uses a LED, TOP140 use a laser. All are poweredby a 9V alkaline battery.

66877

- Selectable output: CW or Modulated
- Modulation Frquencies: 270Hz, 1KHz, and 2KHz
- Univeral (SOC) interface

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Fiber Type, Wavelength Connector Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
66877 1 EACH	Tektronix TOP130/34 1 year	Dual wavelength light source Handheld battery powered Includes Certification Multi-Mode 850nm (830-880nm) and 1300nm (1270-13455nm) ST connector	1,300.00 4 1.82	1,293 1,287 1,280
415194 1 EACH	Tektronix 119514600 1 year	Optical Adapter: FC TO SOC Snap on Fiber optic connector for TOP130/200/220 source/meters	100.00 4 1.82	99. 99. 98.
15270 1 EACH	Tektronix TOP140/34 1 year	Single wavelength laser light source handheld, battery powered. Single-Mode 1310nm (1280-1340nm) ST connector	1,400.00 4 1.82	1,393 1,386 1,379

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See TESSCO.com for latest pricing and prod
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Fiber Optic Cable Testers

nuing product table (2 of 2)

No. Uom	Manufacturer Mfg. P/N Warranty	Description Fiber Type, Wavelength Connector Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
445 ACH	Tektronix TOP160/34 1 year	Dual wavelength laser light source Handheld, battery powered Single-Mode 1310nm (1280-1340nm) 1550nm (1520-1580nm) ST connector	3,995.00 4 1.82	3,975.03 3,955.05 3,935.08
177 ACH	Tektronix 119514500 1 year	Optical Adapter: SC TO SOC Snap on Fiber optic connector for TOP130/140/160 source	150.00 1 0.45	149.25 148.50 147.75

ktronix Fiber Optic Power Meters

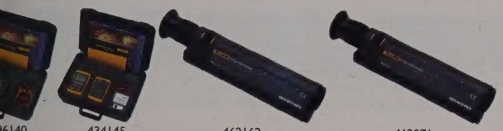
Measure the amount of light lost at the end of a fiber link. Measures any wavelength from 850 to 1550 nanometers (nm). Four digit LCD displays power level in dB or dBm. Pushbuttons select wavelength and power mode. Battery powered. Handheld. Standard ST connector. With traceable calibration certificate.

0449
ersal (SOC) Interface
o shutoff

- Power Range: -30dBm to +27 dBm

No. Uom	Manufacturer Mfg. P/N Warranty	Description Fiber Type, Wavelength Connector Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
49 CH	Tektronix TOP200/34 1 year	High Power Optical Power Meter LCD display. Battery powered. Single and Multi-Mode 850/1300/1550nm ST connector	995.00 4 1.82	990.03 985.05 980.08
184 CH	Tektronix 119515400 1 year	Optical Adapter: SC TO SOC Snap on Fiber optic connector for TOP140/160/200/220/300/400 source/meter	275.00 4 1.82	273.63 272.25 270.88

IKE Fiber Test Installer Kits



96140 434145 462162 462071

ether you require basic fiber link testing capabilities or more advanced documentation and rt generation, Fluke Networks FTK100 Basic Package and FTK200 Pro Package offers you rugged quality test tools to meet all your fiber testing needs.

Package FTK100: Includes FM130 Fiber Power r
0 Measuring Range: +6dBm to -50dBm

350/1300nm Infrared LED Source Output
r -20dB into 62.5 mircometer Multi-Mode fiber
Package FTK200: Includes FM150 Fiber Power r
0 Measuring Range: +6dBm to -50dBm

- FM150 stores up to 500 measurements for download to PC or serial printer
- Each Kit Includes: Hard-shell carrying case, Fiber reference guide, FTK200 (only) Data link Software
- Optional: Laser Source for Single-Mode Applications Model: LS1310/1550nm
- Optional: FT120 and FT140 Multi-Mode fiber viewer: 850nm (49mW), 1310nm (1000W), 1550nm (190W)
- FT120 (200X), FT140 (400X) Magnifcation, Fiber adapter 2.5mm universal ferrule for multi-mode or single-mode

o. m	Manufacturer Mfg. P/N Warranty	Description Fiber Type, Wavelength Connector Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
40 H	Fluke Networks FTK100 1 year	Optical Fiber Test Kit Multi-mode 850/1300nm LED source, 850/1300/1310/1550nm Power meter ST connector	1,195.00 6.5 2.95	1,189.03 1,189.03 1,183.05
45 H	Fluke Networks FTK200 1 year	Optical Fiber Test Kit Advanced Memory Multi-mode 850/1300nm LED Source, 850/1300/1310/1550nm Power meter ST connector	1,695.00 10 4.54	1,686.53 1,686.53 1,678.05
52 H	Fluke Networks FT120 1 year	Fiber Viewer with 200X Magnification Single and Multi-Mode 850/1310/1550nm 2.5mm universal ferrule	295.00 3 1.36	293.53 290.58 287.63
71 H	Fluke Networks FT140 1 year	Fiber Viewer with 400x Magnification Single and Multi-Mode 850/1310/1550nm 2.5mm universal ferrule	395.00 3 1.36	393.03 389.08 385.13
7 H	Fluke Networks LS1310/1550 1 year	Laser Source Single-Mode 1310/1550nm ST/ST Adapter	2,995.00 5 2.27	2,980.03 2,950.08 2,920.13
6 H	Optimum Fiberoptics 9Z02CUCFUC002 MY 30 Days	OFNR Singlemode FC-SC duplex jumper. 2 Meter Singlemode FC to SC	65.00 0.2 0.09	43.36 43.36 43.36

Agilent Dual Laser Source

The N3974A Dual Laser Sourec guarantees ultra-high stability, even without warm-up period.

- Dual wavelength output with 6dB adjustments in 0.01dB steps
- Includes Connectors, Batteries, Carry strap, Pouch, Holster and Certification
- Dimensions: 7.9" x 5.4" x 2.9 ' Weight : 1.1 lbs
- Application Fiber Type: 9/125microm
- Power: 2 C cell, 140 hours of operation

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Fiber Type, Wavelength Connector Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
423197 1 EACH	Agilent Technologies N3974A 1 year	Handheld Dual Laser Source Single-Mode 1310/1550nm FT, ST, SC connector	4,336.00 6 2.73	4,336.00 4,336.00 4,336.00

Agilent Optical Power Meter

The N3970A is simple to use and has a fast responce time with no warm up period. Easy push button operation with audible signal and RS-232 interface.

- Displays: dB, dBm, nW,mircoW, mW Dynamic Range: +5dBm to -70dBm
- Internal memory: 845 reading with RS-232 interface
- Battery powered: or external 9Vdc 2 C cells
- Dimensions: 7.9" x 5.4" x 2.9" Weight: 4.4 lbs.
- Includes: Battery, Strap, Carrying Pouch and Certification

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Fiber Type, Wavelength Connector Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
465179 1 EACH	Agilent Technologies N3970A 1 year	Handheld optical Power Meter Single and Multi-Mode 850 to 1650nm Cal. 850, 1300, 1310, 1550nm FT, ST, SC connector	1,438.00 6 2.73	1,438.00 1,438.00 1,438.00
432142 1 EACH	Agilent Technologies N3970A/001 1 year	Loss Test Companion Software for the N3970A power meter and N3974A source	375.00 1 0.45	375.00 375.00 375.00
472152 1 EACH	Agilent Technologies N3978A 1 year	Carrying Case holds both power meter and source for N3970/74A	235.00 3 1.36	235.00 235.00 235.00

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Agilent Automated Optical Attenuator

The optical attenuator can be used in manual, relative, step and program mode. Program mode provides memory for 15 different presets for easy recall.

- Attenuation Range: 2.50dB to 60.00dB in 0.05dB increments
- Input Power <200mW, +23dBm
- Insertion Loss <2.5dB, Return Loss better than -40dB
- Battery operated: 2 C cells 200 to 600 hours
- Dimensions: 7.9" x 5.4" x 2.9" Weight 4.4 lbs
- Applicable Fiber Type: 9/125 micrometers

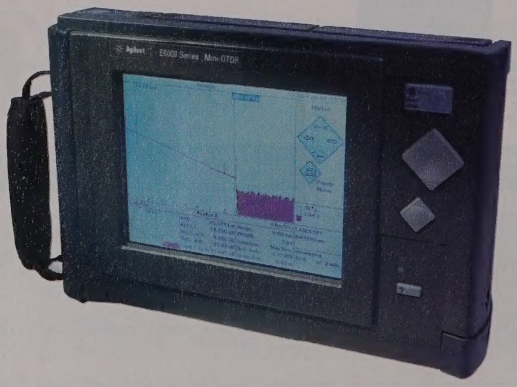
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Fiber Type, Wavelength Connector Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
482188 1 EACH	Agilent Technologies N3977A 1 year	Handheld Automated Optical Attenuator Includes: Connectors, Carry strap, Pouch, Holster and Certification Single and Multi-Mode 1200nm to 1600nm FT, ST, SC connectors	3,357.00 6 2.73	3,357.00 3,357.00 3,357.00

Optical Time Domain Reflectometers [750-20]

If you are purchasing these, you may need:

Consumables Kits ..... page 1542
Fiber Optic Installer Kits ..... page 1542

Agilent Mini-OTDR



The mini-OTDR is designed to provide its user with the fastest tool available for installing commissioing multiple fiber links and locating faults for fiber maintenance. Graphical representation of measurement results in event tables, showing loss and reflection, and pass/fail results.

- Long range measurements beyond 200Km (Ft, Miles or Km) with a 45 dB dynamic range
- Large Color 7.2 in. LCD Display
- One button operation gives fast, automatic measurement analysis
- Measurement storage: PCMCIA (16,000), 3.5" floppy drive and Internal SRAM (4000 points)
- Interfaces: RS-232, Centronics, and PS2 keyboard port
- Applications: Automatic Multi Fiber Test, Pass/Fail, Break Locator, Power/Loss mode, Visual Fault Finder, Return Loss, End-to-End Loss
- Dimensions: 7.7" x11.4" x 3.0" Weight: 6.4 lbs.
- Power: AC: 100-240 Vac 50-60Hz DC: 16-24V
- Optional: ToolKit II Plus software for post processing, analyzing, batch processing data, multiple trace transferring and a reporting package, Hard Carrying Case, PCMCIA card, and connector interfaces
- Field replaceable Modules REQUIRED selected by fiber type and wavelength required

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Fiber Type, Wavelength Connector Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
485192 1 EACH	Agilent Technologies E6000C-003 1 yr.	Mini-OTDR with Color Display Includes: Soft case, AC/DC adapter, NiMH battery, power cord, RS-232 cable, support CD, manual, OTDR pocket guide MODULE REQUIRED	5,641.00 7 3.18	5,641.00 5,641.00 5,641.00

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Fiber Type, Wavelength Connector Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
457100 1 EACH	Agilent Technologies E6003A 1 yr.	High Performance Laser Module, 10ns to 10microsec pulse width REQUIRES MAINFRAME Single-Mode 1310/1550nm FC/PC & SC connectors	6,798.00 1 0.45	6,798 6,798 6,798
481116 1 EACH	Agilent Technologies E6003B 1 yr.	Superior Performance Laser Module, 10ns to 20microsec pulse width REQUIRES MAINFRAME Single-Mode 1310/1550nm FC/PC & SC connector	10,354.00 1 0.45	10,354 10,354 10,354
456168 1 EACH	Agilent Technologies E6008B 1 yr.	Ultra-High Performance Laser Module, 10ns to 20microsec pulse width REQUIRES MAINFRAME Single-Mode 1310/1550nm FC/PC & SC connector	16,022.00 1 0.45	16,022 16,022 16,022
412168 1 EACH	Agilent Technologies E6001A 1 yr.	Laser Module, 10ns to 10microsec pulse width REQUIRES MAINFRAME Single-Mode 1310nm FC/PC & SC connector	2,774.00 1 0.45	2,774 2,774 2,774
484140 1 EACH	Agilent Technologies E6012A 1 yr.	Ultra-High Performance Laser Module, 10ns to 20microsec pulse width REQUIRES MAINFRAME Single-Mode 1550/1625nm FC/PC & SC connector	18,366.00 1 0.45	18,366 18,366 18,366
449138 1 EACH	Agilent Technologies E6005A 1 yr.	High Performance Laser Module, 10ns to 10microsec pulse width REQUIRES MAINFRAME Multi-Mode 62.5 micro meters 850/1300nm ST & SC connector	8,918.00 1 0.45	8,918 8,918 8,918
446148 1 EACH	Agilent Technologies E6009A 1 yr.	Laser Module, 10ns to 1microsec pulse width REQUIRES MAINFRAME Multi-Mode 62.5 micro meters 850/1300nm ST & SC connector	6,936.00 1 0.45	6,936 6,936 6,936
466139 1 EACH	Agilent Technologies E6091A 1 yr.	OTDR Software ToolKit II CD-ROM provides cable oriented project management	1,415.00 1 0.45	1,415 1,415 1,415
483138 1 EACH	Agilent Technologies E6080A 1 yr.	Replacement NiMH Battery Pack for E6000C OTDR	172.00 5 2.27	172. 172. 172.
411143 1 EACH	Agilent Technologies E6082A 1 yr.	Hard Carrying Case for E6000C OTDR	651.00 8 3.64	651. 651. 651.
481134 1 EACH	Agilent Technologies 81000VI 1 yr.	ST Connector Interface for E6000C	197.00 3 1.36	197. 197. 197.
450143 1 EACH	Agilent Technologies E6083A 1 yr.	64MB CompactFlash PCMCIA Card for E6000E	200.00 3 1.36	200. 200. 200.

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ktronix NetTek OTDR Analyzer

tronix next generation optical installation and maintenance OTDR. The NetTek Analyzer is r configurable, scalable and field upgradeable. It can simultaneously support four different : modules, along with the PCMCIA-based OPM. Offers a color 10.4" touch screen. Intelli- ce Plus incorporates a patented multiple-pulse width acquisition with customer control of : speed and/ or resolution- a true one button automatic test. Automatic data analysis and ort generation combines results from the OTDR and OPM products into a single usable ort.

ures superior dynamic range and measuring eds, with out-of-band OOB capability at 1625nm elength

learnable and highly intutive windows-based UI esigned to train even unfamiliar OTDR users com Packages include: NetTek Analyzer, Color olay, Floppy Disk Drive, PC Analysis Software, Visual Fault Finder

- Power: 90-264 VAC 47-Hz, 20-28VDC
- Dimensions: 13" H x 9.8" W x 3.5" D Weight 9.3lbs.

No. Jom	Manufacturer Mfg. P/N Warranty	Description Fiber Type, Wavelength Connector Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
032 CH	Tektronix YOTDRLAN 1 year	NetTek OTDR LAN Kit: Multimode 850/1300nm, with optical power meter YOPM100 Multi-Mode 850/1300nm Pulsewidth 10ns to 20micros ST connector	16,000.00 20 9.09	16,000.00 15,920.00 15,920.00
065 CH	Tektronix YOTDROPR 1 year	NetTek OTDR Network Kit: Single 1310nm, with Optical Power Meter YOPM100 Single-Mode 1310nm Pulsewidth 10ns to 20micros SC connector	19,440.00 20 9.09	19,440.00 19,342.80 19,342.80
076 CH	Tektronix YOTDRCNI 1 year	NetTek OTDR Contractors Kit Includes: Optical Power Meter YOPM100, 128 MB Memory card. Single and Multi-Mode 850/1300nm and 1310nm Pulsewidth 10ns to 20micros SC and ST connector	22,950.00 20 9.09	22,950.00 22,835.25 22,835.25
071 CH	Tektronix YOTDRCTV 1 year	NetTek OTDR CATV/Metro Kit: with Optical Power Meter YOPM100 Single-Mode 1310nm Pulsewidth 10ns to 20micros SC/APC connector	14,100.00 20 9.09	14,100.00 14,029.50 14,029.50
06 CH	Tektronix YSL1516 1 year	NetTek Single Mode High performance Module for use with NetTek platform Single-Mode 1550/1625nm Pulsewidth 10ns to 20micros SC connector	17,170.00 5 2.27	17,170.00 17,084.15 17,084.15
51 CH	Tektronix 016188800 1 year	Metal Transportation Case (single module) for NetTek OTDR and module	375.00 10 4.54	375.00 373.13 373.13
68 CH	Tektronix 016188900 1 year	Metal Transportation Case (multiple module) for NetTek OTDR and modules	850.00 10 4.54	850.00 845.75 845.75
92 CH	Tektronix 116099600 1 year	128MB PCMCIA Card	625.00 2 0.91	625.00 621.88 621.88

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Ground Resistance Testers [770-12]

If you are buying these, you might need:

Exothermic Ground Connections . . . . . page 577
Grounding Systems . . . . . page 560
Tool Cases without Tools. . . . . page 1531
Equipment Protection Cases . . . . . page 1537

3 Terminal Ground Tester

3 Terminal ground resistance tester, for routine testing of ground systems.

- Resistance Range: 0.5 to 500 Ohms
- Accuracy: +/- 4% Full Scale Deflection
- Output Frequency: 135 Hz
- Output Current: 5mA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Accessories	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
25141 1 EACH	Megger 250260 1 yr	3 Terminal Ground Tester. Includes batteries and instruction manual. Order Leads and Rods Separately.	695.00 5 2.27	691.53 688.05 681.10

Analog Ground Tester

The AEMC model 3620 ground testers are ideal for determining compliance with NEC and OSHA standards. This model features a 3.1" analog display, fall-of-potential method for 2 and 3 point ground resistance tests.

- Resistance Range: 0.5 to 1000 Ohm
- Accuracy: 5% + 0.1% of full scale
- Output test frequency: 128 Hz
- Output test Current: 10 mA
- Battery Operated (AA)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Accessories	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
67579 1 EACH	AEMC Instruments 3620 1 yr.	Analog Ground Tester. Includes Soft carrying case, batteries and manual	695.00 6 2.73	691.53 688.05 681.10
51867 1 EACH	AEMC Instruments 3620 KIT 1 yr.	Analog Ground Tester, Includes (1)16' lead, (2) 150' leads, (2) auxiliary ground electrodes, molded case, batteries and manual	995.00 30 13.64	990.03 985.05 975.10

3 Term Digital Ground Tester

3 Terminal ground resistance tester with simplified, fu autoranging operation. For simple electrode systems. Direct indication of high noise and spike resistance. F 40v peak to peak noise rejection.

- Resistance Range:Autoranging from 0.01 ohms to 1.999 K ohms.
- Accuracy: +/- 2% or reading +/- 3 digits
- Output Frequency: 128 Hz
- Output Current: 100 uA to 10 mA
- Battery Operated (AA)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Accessories	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
34366 1 EACH	Megger DET62D 1 yr	3 Term Digital Ground Tester Includes manual, batteries,and terminal shorting bar. Order Rods and Leads Separately.	650.00 3 1.36	646.75 643.50 637.00

Digital Ground Tester

The AEMC model 3640 digital ground tester is rugge easy to use, and designed to reject high levels of inter ference. Its large3 1/2 digit LCD and autoranging fea- ture simplifys operation of 2-and 3-point or fall-of- potential testing.

- Resistance Range: 10mOhm to 1999 Ohm
- Accuracy: 2% of reading
- Output Voltage: 128 Hz
- Output Current: 10 mA (variable)
- Battery Operated (AA)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Accessories	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
62583 1 EACH	AEMC Instruments 3640 1 yr.	Digital Ground Tester. Includes Soft carrying case, batteries and manual	745.00 6 2.73	741.28 737.55 730.10
20443 1 EACH	AEMC Instruments 3640 KIT 1 yr.	Digital Ground Tester Kit. Includes (1) 16' lead, (2) 150' leads, (2) auxiliary ground electrodes, molded case, batteries and manual	1,045.00 30 13.64	1,039.7 1,034.5 1,024.1

Digital Ground/Soil Tester

The AEMC model 4610 ground testers perform grou resistance (2- and 3-point) and soil resistivity (4-point measurements. It features an LCD, color coded termi- nals and noise/interference rejection.

- Resistance Range: 10 mOhm to 1999 Ohm
- Accuracy: 2-3% of reading
- Output Frequency: 128 Hz
- Output Current: 10, 1, 0.1 mA
- Autoranging
- Battery Operated (AA)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Accessories	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
56338 1 EACH	AEMC Instruments 4610 KIT 1 yr.	Digital Ground/Soil Tester, Includes One 16 ft lead, one 90 ft lead, two 300 ft leads on reels, 4T ground rods, molded case, batteries and manual.	1,595.00 30 13.64	1,587.0 1,579.0 1,563.1
57587 1 EACH	AEMC Instruments 4610 1 yr.	Digital Ground/Soil Tester, Includes batteries, soft carrying case and manual.	1,045.00 6 2.73	1,039.7 1,034.5 1,024.1

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gital Ground Resistance Tester

The AEMC model 4630 performs ground resistance (2- and 3-point) and soil resistivity (4-point) measurements. Autoranging meter measures between 0 and 2000 ohms.

- stance range: Auto-ranging 10m ohm to 1999 s
- racy: +/-2% of reading
- ut frequency: 128 Hz, Output current: 0.1, 1.0. 10m Amps
- Dimensions: 9.45" X 7.28" X 4.33"
- Rechargeable NiMH batteries, 120/230V 50/60Hz

No. om	Manufacturer Mfg. P/N Warranty	Description, Accessories	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 28 CH	AEMC Instruments 4630 1 yr.	Ground Resistance Tester for 2 & 3-point ground resistance and 4 point soil resistivity measurements, Includes rechargeable batteries, line cord, and user manual .	1,395.00 15 6.82	1,388.03 1,381.05 1,367.10
W 97 CH	AEMC Instruments 4630KIT 1 yr.	Ground Resistance Tester for 2 & 3-point ground resistance and 4 point soil resistivity measurements. Includes two 300 ft. , two 100 ft., 4 16" auxiliary ground electrodes, one 16 ft. lead with mueller clip, carry bag, 100 ft. tape measure, rechargeable batteries, line cord, and user manual	1,995.00 15 6.82	1,985.03 1,975.05 1,955.10

2-3 Point Ground Tester

The AEMC model 4500 ground testers are ideal for testing very low resistance on large grounding systems, the perfect choice for ground grids and mats.

- Order test kits separately
- 2 Segment digital display
- Resistance Range: 20, 200, 2000 Ohms, 20 KOhms
- Accuracy: 2-3% of reading
- Output Test Frequency: 128 Hz
- Output Test Current: 2, 10 50 mA
- Rechangeable Battery

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Accessories	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
80066 1 EACH	AEMC Instruments 4500 1 yr.	4-Point Ground Tester, Includes: Rechargeable batteries, AC power cord, and Manual. Order Rods and leads separately	2,250.00 4 1.82	2,238.75 2,227.50 2,205.00
99724 1 EACH	AEMC Instruments 100.525 1 yr.	Ground resistance test kit for use with model 4500 ground tester, includes carrying bag, 2 - 500ft. reels, 1 - 30ft lead, two auxiliary ground electordes	629.00 4 1.82	625.86 622.71 616.42
NEW 428396 1 EACH	AEMC Instruments 2130.61 1 yr.	Ground Test Kit for use with model 4500 ground tester, includes: carry bag, two 100 ft. leads one 16 ft. and two 16" auxilary ground electrodes	229.00 4 1.82	227.86 226.71 224.42

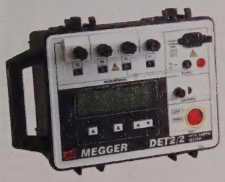
erm Digital Ground Tester

4 Terminal ground resistance tester with simplified, fully autoranging operation and spike resistence. Direct indication of high noise with 40v peak to peak noise rejection.

- r Rods and Leads Separately
- ance Range: Auto Ranging 10mOhm to 19.99 ms
- : Battery Operated
- t Test Current: 10 mA (Variable)
- Output Test Freq: 128Hz
- Output Tets Voltage: 50VAC max.
- Accuracy: +/- 2% of reading +/- 3 digits
- 3.5 digit display

o. m	Manufacturer Mfg. P/N Warranty	Description, Accessories	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
5 H	Megger DET5/4D 1 yr	4 Term Digital Ground Tester. Battery Operated (AA cells). Includes manual, batteries, power cord for charger, manual, application guide & record cards.	1,650.00 3 1.36	1,641.75 1,633.50 1,617.00
3 H	Megger DET5/4R 1 yr	4 Term Digital Ground Tester. Battery Operated with Internal Rechargeable Battery. Includes manual, batteries,power cordfor charger, manual,application guide & record cards.	1,850.00 4.14 1.88	1,840.75 1,831.50 1,813.00

4 Term Digital Ground Tester



4 Terminal ground resistance tester for larger, complex grounding systems. Microprocessor controlled, menu driven control. Fully adjustable test frequency and current settings. Built-in filtering for outstanding noise immunity.

- Resistance Range: Autoranging from 0.001 Ohms to 19.99 KOhms
- Accuracy: +/- 0.5% of reading +/- 2 digits
- Output Frequency: Adjustable from 105 to 160 Hz
- Output Current: 50mA max, Hi/Lo modes
- Rechangeable Battery
- Order Lead Kit separately

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Accessories	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
76748 1 EACH	Megger DET2/2 1 yr	4 Term Digital Ground Tester Includes manual, batteries,power cord for charger, manual, application guide & record cards. Order Leads and Rods separately	4,350.00 15 6.82	4,328.25 4,306.50 4,263.00

rminal Ground Tester

4 terminal digital ground resistance tester for medium size systems with some transients. Autoranging from .01to 19.99K Ohms. Perfect for Cellular sites, Microwave sites and earth resistance mapping.

- Cranked, requires no batteries
- nce Range: Autoranging from 0.01 Ohms to K Ohms
- cy: 0.5% or reading +/- 2 digits
- Output Frequency: 135 Hz
- Output Current: 10 mA

n	Manufacturer Mfg. P/N Warranty	Description, Accessories	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
H	Megger 250302 1 yr	4 Terminal Ground Tester Includes manual, Biddle's applicationguide & set of 10 test record cards. Order Test Leads and rods separately.	1,850.00 3 1.36	1,840.75 1,831.50 1,813.00

Multi-ground resistance tester

The AEMC Clamp-on ground testers are ideal for testing multi-grounded systems without disconnecting the individual ground rods. Measures leakage current to 30 Arms, the Model 3731 adds memory and alarm functions.

- Resistance Range: Autoranging 0.01 to 1200 Ohms
- Accuracy: +/- 1.5%
- Output Frequency: 2403 Hz
- No Leads or rods required
- Direct Reading of continuity and ground loop resistance
- Direct reading of ground leakage or phase current from 1mA to 30 Arms

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Accessories	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
70830 1 EACH	AEMC Instruments 3711 1 yr.	Multi-ground resistance tester, Includes: hard case, battery, 25 ohm calibration loop, and manual.	1,995.00 4.95 2.25	1,985.03 1,975.05 1,955.10

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Accessories	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
70838 I EACH	AEMC Instruments 3731 1 yr.	Multi-ground resistance tester. Includes ability to store up to 99 measurements. Alarm Function with adjustable setpoint for field checks. Includes: hard case, battery, 25 ohm calibration loop, and manual.	2,195.00 4.88 2.22	2,184.03 2,173.05 2,151.10

Earth Ground Tester Accessories [770-20]

If you are buying these, you might need:

Exothermic Ground Connections . . . . . page 577
Grounding Systems . . . . . page 560

Ground Tester Accessory Kit

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
92550 I EACH	Megger 250586 1 yr	Soil resitivity kit used with any four terminal earth tester for soil resistivity mapping. Includes 4 20" ground rods, 4 50' test leads and case for rods & leads only.	465.00 16 7.27	462.68 460.35 455.70
50320 I EACH	Megger 250560 1 yr	Accessory Kit used with 250260 series ground testers. Includes 12,31,and 50 ft test leads, one pair 11" ground rods and a calibration fixture.	160.00 5 2.27	159.20 158.40 156.80
88713 I EACH	Megger 250579 1 yr	Accessory Kit used with 250200 series ground testers. Includes 25,50, and 100 ft test leads, one pair 20" ground rods, and canvas carry case for rods and leads.	235.00 18 8.18	233.83 232.65 230.30
23892 I EACH	Megger 250583 1 yr	Accessory Kit used with 250300, 250500 series ground testers. Includes 25, 50, and 100 foot test leads, one pair 20" ground rods, and a padded case for accessories and tester.	355.00 16 7.27	353.23 351.45 347.90
NEW 37106 I EACH	Megger 250581 1 year	Accessory kit, Includes padded case, 2 20" rods and 25/ 50/100 ft leads.	325.00 22 10	323.38 321.75 318.50

Ground Rods

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
75499 I PAIR	Megger 250582 1 yr	30" Ground Rods.	85.00 6 2.73	84.58 84.15 83.30
85574 I PAIR	Megger 250580 1 yr	20" Ground Rods.	55.00 7 3.18	54.73 54.45 53.90

Test Leads

Set of three color coded test leads. Set contains one each of 25 foot, 50 foot, and 100 foot leads.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
15086 I EACH	Megger 250575 1 yr	Test Lead Set for use with 250300, 250500 series ground testers.	130.00 5 2.27	129.35 128.70 127.40

Carry Cases

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
32572 I EACH	Megger 217740 1 yr	Rigid vinyl carry case for 250302, 250502 series ground testers.	40.00 0.5 0.23	39.80 39.60 39.20
47114 I EACH	Megger EV6420-103 1 yr	Rigid vinyl carry case for DET series ground testers.	140.00 2 0.91	139.30 138.60 137.20
89962 I EACH	Megger 217719 1 yr	Rigid vinyl carry case for 250260 and 250503 ground testers	95.00 1 0.45	94.53 94.05 93.10

Insulation and Hi-Pot Testers [770-30]

If you are buying these, you might need:

Grounding Systems . . . . . page 560
Tool Kits, Complete. . . . . page 1523
Equipment Protection Cases. . . . . page 1537

Low Voltage Insulation Tester

The BMM80 offers low voltage insulation resistance testing, combined with capacitance measurements which makes it fully suited to telecommunications applications. Includes a backlit display and a millivolt transducer input for a multiple of environmental and process measurements. The tester comes with a swit test probe to facilitate hands-free operation in tight applications.

- Insulation Mesaurements from 0.01 M ohm to 200 G ohms
- Voltage Ranges: 50, 100, 250, 500, 1000 Vdc
- Measures Insulation Resistance, Continuity, Voltage, and Resistance
- Capacitance Range 0.nF to 9.99 micro F
- Tranducer Input Range +/- 0.1 to +/-1999 mV
- Voltage Range 500 V dc/ac to 400Hz
- Continuity Range 0.01 ohms to 99.9 ohms
- Dimensions: 1.77" H x 8.66" W x 4.33" D Weight 1.63 lbs.
- Power: 6 x 1.5 V alkaline cells

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Output Voltage	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
498070 I EACH	Megger BMM80 3 years	Insulation Tester Includes: Test lead set, Switch test probe and Carrying Case 50,100,250,500 and 1000 V	1,195.00 8 3.64	1,189.0 1,183.0 1,171.

Telecom Megohmmeters

429080 488095 438009 424003

The models 1035 and 1039 are low vol age insulation testers designed for both field and shop use use. They are ideal f measuring the insulation qualities of pho and data cables. Applications include Tel com insulation resistance at low voltage (50,100V), line to line imbalance, line to line capacitance, off hook detection, cab capacitance and cable length.

- Test Voltage: 50, 100V (1039) 50, 100, 250, and 500V (1035)
- Insulation Resistance Range: 20,000M ohms (1035), and 400M ohms (1039)
- Digital display with bargraph and backlight
- Additional Measurements 1039 only: AC voltage 400Vac, Capacitance 4,000nF, Cable length 35,000 ft.
- Alarm Set point
- Dimensions: 8.31"L x 4.26" H x 2.36" W
- Power 6 x 1.5V AA Weight: 29 oz.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Output Voltage	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
429080 I EACH	AEMC Instruments 1035 1 year	Digital/Bargraph Megohmmeter. Includes: soft case, test leads, alligator clips, grip probes and manual. 50,100, 250 and 500 Volts	599.00 8 3.64	596.0 593.0 587.0

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nuing product table (2 of 2)

No. Uom	Manufacturer Mfg. P/N Warranty	Description Output Voltage	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
095 CH	AEMC Instruments 1035KIT 1 year	Digital/Bargraph Megohmmeter Field Kit. Includes: Field case, 3-leads, test probe, 2-alligator clips, 2-grip probes, remote test probe and manual. 50,100, 250 and 500 Volts	799.00 15 6.82	795.01 791.01 783.02
009 CH	AEMC Instruments 1039 1 year	Digital/Bargraph Megohmmeter, The Model 1039 is a battery powered digital insulation resistance tester. It is designed to measure insulation resistance, current, capacitance, voltage and cable length. 50 and 100 volts	699.00 8 3.64	695.51 692.01 685.02
003 CH	AEMC Instruments 1039KIT 1 year	Digital/Bargraph Megohmmeter Kit, The Model 1039 Kit includes a Model 1039 megohmmeter, field case, two color-coded leads, black test probe, remote test probe, MN211 AC current probe, batteries and user manual. 50 and 100 volts	989.00 15 6.82	984.06 979.11 969.22

mium Insulation Tester

The Biddle BMM series features extremely high-sensitivity insulation resistance measurements (200 GW), these instruments offer complete multimeter testing capability and the ability to view the insulation measurement in terms of leakage current.

- ation Measurements to 200 G ohms
- ge test ranges: 50, 100, 250, 500, and 1000 Vdc
- imeter capability Voltage, Current, Frequency, acitance, low resistance and millivolts measure- ts
- Storage and downloading 300 readings(2580)
- Environmental IP54 rated
- Live Circuit warning threshold 25 V
- Dimensions: 1.77 H x 8.66 W x 4.33 D in.
- Power: 6 x 1.5 V alkaline 3000 tests with Auto shut off

No. Uom	Manufacturer Mfg. P/N Warranty	Description Output Voltage	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
065 CH	Megger BMM2080 3 year	Premium Insulation Tester. Includes: Test lead set, carrying case, and Switch test probe. 50,100, 250,500 and 1000V	1,255.00 8 3.64	1,248.73 1,242.45 1,229.90
036 CH	Megger BMM2580 3 year	Premium Insulation Tester with Internal Memory. Includes: Test lead set, carrying case, Switch test probe and Software. 50,100, 250, 500 and 1000V	1,355.00 8 3.64	1,348.23 1,341.45 1,327.90

ulation & Continuity Tester

The Biddle BM81/2 is the perfered insulation and continuity tester for ISDN testing, ensuring the reliablity of twisted-pair telephone lines used for high speed communications. The BM81/2 offers test voltages of 50, 100, 250, & 500 V for tip-to-ring, tip-to-ground and ring-to-ground measurements on twisted pair copper wires. This allows precise resistance readings on sensitive equipmant that operates on lower voltages.

- ation Measurements to 100 G ohms
- ge test ranges: 50, 100, 250, 500 Vdc
- al Communications tests include noise, opens, ts, grounds, and crosses
- ures 600 Vdc and 450 VAC
- Battery Condition Test
- Dimensions: 5.5"H x 2.3"W x 1.3"D
- Power: 6 x 1.5V 3000 tests with Auto shut off

No. Uom	Manufacturer Mfg. P/N Warranty	Description Output Voltage	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
006 CH	Megger BM81/2 1 year	Insulation Tester Includes: Test lead set and Carrying Case. 50,100,250, and 500 V	995.00 8 3.64	990.03 985.05 975.10

High Resistance Megohmmeter

The AEMC 1060 has been designed to facilitate testing and incorporates user friendly and intuitive functions. Measurements are displayed on a large LCD containing a bargraph with a digital display for resistance readings and a smaller display for actual test voltage at the sample, test time, and alarm set points. The 1060 has an RS-232 interface with internal memory function, which allows the storing of results for downloading or direct printing through a serial or parallel interface.

- Features Include:
- Test Voltages: 50, 100, 250, 500, and 1000 VDC
- Resistance range: 50V @ 2K to 200 G ohms and 1000V @ 40K to 4000G ohms
- Automatic DAR, PI, and Capacitance measurements
- Displays Resistance, Test Voltage, and Run Time
- Internal Memory 128K for extensive field recording of results
- Power: Rechargeable NiMH battery and 85-256VAC 50/60Hz
- Dimensions: 9.45" H x 7.28" W x 4.33" D Weight 7.5lbs.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Output Voltage	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
438014 1 EACH	AEMC Instruments 1060 1 year	Digital/Analog Megohmmeter with Internal Memory Includes: Accessory pouch, RS-232 cable, Software, AC adapter and rechargeable battery, test lead set, and manual. 50, 100, 250, 500 and 1000V	1,495.00 12 5.45	1,487.53 1,480.05 1,465.10

Megger Insulation Resistance Tester

These Meggers are designed for convenience and ease-of-use when testing complex or large electrical installations, and commissioning, servicing or maintaining electrical equipment. Applications include safe testing of motors, generators, cables, switchgear, transformers, distribution networks, components and appliances. Aircraft and tele-communications equipment can be tested at the relatively low 100Vdc and 120Vac systems.

- Insulation Resistance range: 0.1M ohm to 2000 M ohms
- Accuracy: +/-1.25% FS with 2.8" arc length
- Resistance range: 0.1 to 5000 ohms
- Power: 212159 Handcrank, 212559 120Vac and rechargeable battery
- Dimensions: 5.1" H x 4.9" W x 7.0 L Weight 2.3 lbs.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Output Voltage	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
47268 1 EACH	Megger 212159 1 year	Megger Insulation Resistance Tester with Analog display. Hand cranked. Case and leads included. 100, 250, 500 and 1000 Volts	885.00 12 5.45	880.58 876.15 867.30
434023 1 EACH	Megger 212559 1 year	Megger Insulation Resistance Tester with an Analog display 120V and rechargeable battery Case and leads included. 100, 250, 500 and 1000 Volts	935.00 12 5.45	930.33 925.65 916.30

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High-Pot Testers

The Biddle AC and AC/DC High-Pot Testers are designed for safety and ease of operation, they readily adapt to development, maintenance or rapid production line testing to the latest UL standards. Applications include UL 1270 Radio Receivers, Audio Systems, Accessories, motor, electirc and medical equipment.

- Applied Test Voltages 3KV AC and 4KV AC/5KV DC
- Adjustable Leakage Current Trip Levels: AC 0.3 to 12mA DC 0.43 to 17mA
- Voltage Control Safety Interlock requires control to be reset before re-energizing
- Failure Lamp with buzzer, output trips off
- Power: 120Vac +/- 10% 50/60 Hz
- Dimensions: 8.0" H x 9.0" W x 8.4" D Weight 13 lbs.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Output Voltage	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
71721 1 EACH	Megger 230315 1 year	BIDDLE AC High-Pot Tester for dielectric insulation strength and ground continuity. Includes Test probes w/ alligator clips, high voltage and return probes. 3000 Volt AC	1,220.00 20 9.09	1,213.90 1,207.80 1,195.60
432066 1 EACH	Megger 230425 1 year	BIDDLE AC/DC High-Pot Tester for dielectric insulation strength and ground continuity. Includes Test probes w/alligator clips, high voltage and return probes. 4000 V AC and 5000 V DC	1,610.00 20 9.09	1,601.95 1,593.90 1,577.80

Power Line Analyzers [770-50]

If you are buying these, then you might need:

Grounding Systems . . . . . page 560

Circuit Tester with GFI Test

Checks wiring: Open ground, reverse polarity, open hot, open neutral, hot on neutral, hot and ground reversed with open hot and ground fault interruption. Can intentionally overload the GFI breaker to test its mechanical operation.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37612 1 EACH	Ideal Industries 61-051 1 yr	Circuit Tester with GFI Test.	30.40 1 0.45	27.22 25.31 24.64

Digital AC Loop Tester

The MEGGER LT7 Digital Loop Tester is a small hand held instrument designed to accurately, reliably and easily measure Loop Resistances and Prospective Fault Currents at socket outlets, distribution boards and light sockets. The LT7 may also be used for testing earth bonding. Two Loop Tests are available; a traditional high current test for circuits protected by fuses, and a low current test for taking measurements on circuits which are protected by Residual Current Devices (RCD's).

- Loop Impedance Ranges 0.01 ohm to 19.9 ohm
- Short Circuit Current Ranges .01 to 19.99 kA
- Tests Phase-Earth and Phase-Neutral supply loops
- Direct Readout of Prospective Short Circuit and Earth Fault Current
- 110/230VAC

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37154 1 EACH	Megger LT7 1 Year	Digital AC Loop Tester. Battery powered. Supplied with test leads, carry case, battery. Will not trip RCD's.	750.00 3 1.36	746.25 742.50 735.00

Power Quality Analyzer

The Fluke 43B Power Quality Analyzer performs the measurements you need to maintain and troubleshoot power distribution systems and diagnose equipment failures. The Analyzer performs measurements to record Harmonic Distortion (THD), Watts, Power Factor, VA, and VAR, Voltage, Current, Resistance and Capacitance. The perfect analyzer for your power quality demands.

- THD Total Harmonic Distortion from the 1st to the 51st harmonic 51st Harmonic
- Continuously measures volt and amps on a cycle-by-cycle basis for upto 16 days
- Catch voltage transients and waveform distortion
- Saves upto 40 transient events
- FlukeView PC software log harmonics and readings over time
- Measures duty cycle, phase, pulse width, and crest factor
- Voltage - 5.000V to 1250V RMS (AC/DC)
- Amps - 50.00 to 50.00K Amps RMS
- Power - 250W to 2.5M Watts
- Transient Capture 40ns pulse width
- Save/Recall 20 measurement screens
- Includes: Hard case, Test lead Kit, 500A AC clamp, RS-232 interface with FlukeView Software, rechargeable batteries and charger

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 489205 1 EACH	Fluke 43B/003 3 Years	Power Quality Analyzer	2,195.00 0.05 0.02	2,192.8 2,162.0 2,111.5

Power Line Analyzers

Set up, Plug in, Download and Analyze. The Fluke VR101S is the perfect system for catching sags, swells, transients, outages and frequency variations on line voltage lines at recepticales. Where the most sensitive loads are connected.

- Voltage Event Recording System
- Compact Recorder stores up to 4000 Events with Time Stamp
- Voltage Range 70V to 140VAC 50/60Hz
- Hot-to-neutral & Hot-to-ground 200V RMS
- Transient pulse width 1micro sec. Hot-to-neutral 100 to 2500Vpeak
- Frequency Range 45 to 65 Hz
- Phase angle 20-180 deg. - 200-360 deg.
- Safety: CSA listed UL3111 and complies with cat III 300V

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
41733 1 EACH	Fluke VR101S 1 yr	Voltage Event Recoding System, The Fluke VS101S Kit includes the Event Recorder, Optical interface cable RS-232, 9-25 pin adapter, EventView Software IBM PC Windows 3.1 or Windows 95 compatable with 2 - 3.5in. floppies, and users manual.	595.00 0.25 0.11	592.03 586.08 580.13

Voltage Event Recorder

The AEMC Model L220 Voltage Event Recorder connects easily to any outlet and monitors the performance of the power system.

- 1 Channel
- 0 to 255 VAC RMS
- 3 Prong AC Wall Plug Connection
- Line to Neutralor Line to Ground Selectable
- Accuracy: 1% of Reading
- Sample Rate 4096/hr
- 8192 Readings in Storage
- RS-232 Output
- Power: 9V Alkaline

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
94297 1 EACH	AEMC Instruments L220 1 yr	Voltage Event Recorder with RS232 output.	299.00 1 0.45	297.51 296.01 293.02

NEW = New Listing. Pricing for reference only. See TESSCO.com for latest pricing and product

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plett AC Voltage Detector

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 157 CH	Triplett 9600 5 Year	Safe, Non-Contact voltage probe, 50 to 600 volts	19.00 1 0.45	17.03 15.83 15.41

plett Infrared Thermometer

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 12 CH	Triplett PT10 1 year	Non-Contact Infrared Thermometer with Laser Pointer	149.95 1 0.45	134.36 124.91 121.61

lett Circuit Breaker Locator

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 21 CH	Triplett 9650 5 Years	Circuit Breaker Identifier with Transmitter locates 120 vac breakers and fuses	53.00 2 0.91	53.00 52.47 51.94

Battery System Analyzers [770-60]

If you are buying these, you might need:

Site Battery Backup Systems . . . . . page 607
Batteries for Communication Sites . . . . . page 618

ery Condition Tester

The C-BITE compact battery condition tester is ideal for determining the condition of batteries in distributed power (outside plant), wireless, customer premise and other telecommunicaitons installations. Railroad signal and communications, smaller UPSs and emergency lighting. Instantaneously checks battery condition and compares to a baseline. The user enters comparator for Warning and Fail resistance and Voltage levels. C-BITE will indicate Pass/Warning/Fail, D and a audio beeper to indicate results.

- anously checks battery condition and com- to a baseline
- e measurements of lead-acid and NicCd bat-
- Prints, and Downloads 210 data sets
- intercell connection resistance measure-
- um Total Voltage 60 Vdc
- Impedance Range: 3m, 30m ohms @ 50 mA and 300m ohms @ 5 mA
- Voltage Acuuracy: +/- 0.1% rdg.
- Dimensions: H 5.0" x W 7.7" x D 2.5" Weight 1.9 lbs.
- Power: 6 x AA batteries or 120 VAC adapter

. n	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
0 H	Megger 246006 1 year	Biddle C-BITE Battery Condition Tester Kit Includes: Printer, Pin-Type & AMP/Burndy lead sets, Printer Cabe, AC Line cord, Case, and Manual, Zero adjustment	3,480.00 15 6.82	3,480.00 3,480.00 3,480.00

Low Resistance Ohmmeter

The MEGGER DUCTOR DLRO 10 Low Resistance Ohmmeter is designed rigors of on-site testing and laboratory use. Automatically selects the highest current, up to 10 Amps dc, to measure resistance ranges from 0.1 micro-ohms to 2000 ohms on seven ranges. Operates in normal, continuous, and high power mode. Applications include switch and contact breaker resistance, busbar and cable joints, frame bonds, static control circuits, welding joints, intercell strap connections on battery systems, winding resistance, rail and pipe bonds, wire and cable resistance and many more.

- Accurate results in under 3 seconds
- Automatically detects continuity in potential and current connections
- Visible warning of high voltages present at the terminals
- Measuring ranges from: 1.9999mohms @ 10Amps to 1.999 ohms @ 100 micro-amps
- Accuracy: +/- 0.2%, +/- 2 counts
- Power: NiMH battery, life 1000 x 10 amp tests, charger 115/230 VAC 50/60 Hz
- Dimensions: 8.6" H x 4" D x 9.5" W Weight: 5.6 lbs.
- Alpha-numeric keypad for entering test notes (DLRO10X)
- User setable high and low limits (DLRO 10X)
- Autoranging with Manual option (DLRO 10X)
- Printer output and memory (DLRO 10X)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
419069 1 EACH	Megger DLRO-10 1 year	Megger Low Resistance Ohmmeter DLRO 10Includes: NiMH Battery, 4ft.Duplex handspikes w/light, lighter adapter and manual.	2,695.00 12 5.45	2,681.53 2,668.05 2,641.10
428184 1 EACH	Megger DLRO-10X 1 year	Megger Low Resistance Ohmmeter DLRO 10Includes: NiMH Battery, 4ft. Duplex handspikes w/light, lighter adapter and manual. Alpha-numeric keypad for entering test notes, User setable high and low limits, Autoranging with Manual option, Printer output and memory	3,295.00 12 5.45	3,278.53 3,262.05 3,229.10

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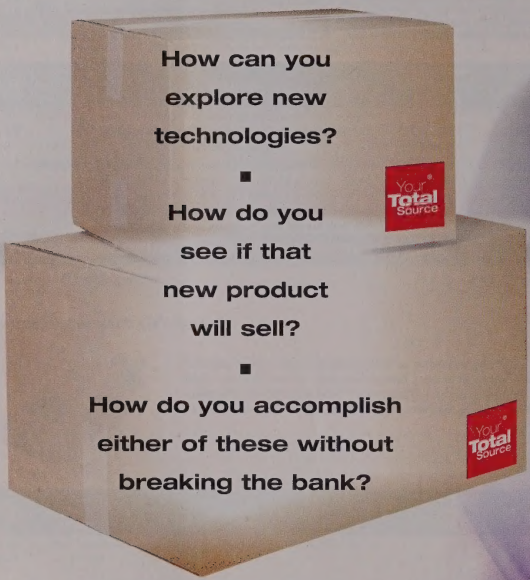

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2. Return all items in original condition and packaging, freight prepaid.

3. Enclose a return form (found on the back of your packing list) with all items.

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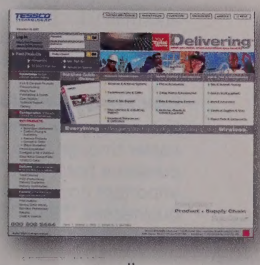

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- Third-party leasing for reseller's customers

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TESSCO has broad offerings of test equipment available for established customers to satisfy short-term equipment needs.

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If you need site and network testing products, you're on the right page.

If you need installation tools and equipment, go to page 1622.

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ESA Spectrum Analyzers

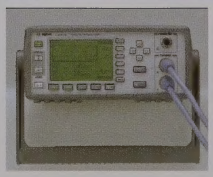
TESSCO Part No. 73951

The ESA spectrum analyzers, available in 5 frequency ranges are designed for scalable performance. Built in power measurements and 8 optional application focused solutions in a portable frame make it suitable for the field service environment. Resolution to 1Hz, wide dynamic range and a snap on rechargable battery are three of over 40 optional features available at an economical price.

53140 Series Microwave Counter/ Power Meter/DVM

TESSCO Part No. 423163

The Agilent 53140 Series is a full-featured CW microwave counter, a true power meter, and a dc DVM all-in-one, small, convenient package. It is the ideal tool for installation and maintenance of point-to-point microwave links as three of the most commonly made field measurements are combined into one instrument.



EPM-P Series Power Meters

TESSCO Part No. 91509

The EPM-P series power meters measure peak, peak-to-average ratio and average power of complex digital modulation formats (GSM, EDGE, NADC, iDEN, Bluetooth, CdmaOne, W-CDMA and cdma 2000), and also provide time-gated measurements. Six new power sensors are available in frequency ranges of 50 MHz to 6 or 18 GHz and in 300 kHz, 1.5 MHz and 5 MHz bandwidths. Also compatible with the Agilent 8480 and E-series power sensors.

E6392B GSM (GPRS) and E6393A/B CDMA/PCS/ AMPS Mobile Station Test Sets

TESSCO Part No. 483171

The Agilent E6392B GSM (GPRS) and the E6393A/B mobile station test sets provide mobile station screening and repair diagnostic functions for service technicians and operators of network equipment manufacturers and service providers. The E6392B tests all GSM formats, and, with the new GPRS options, E6392B now tests and troubleshoots GPRS-enabled mobile stations. The E6393A/B tests all major CDMA formats.

8712 Series RF Network Analyzers

TESSCO Part No. 96179, p. 0000

The Agilent 8712 family of RF economy network analyzers provide speed, accuracy and automation features in a compact, integrated instrument for RF component manufacturing, inspection and maintenance. Choice of 50- or 75-ohm instrument with frequency coverage from 300 KHz to 3 GHz and a built-in T/R or S-parameter test set.

Install, Test & Maintenance

Bench Test Equipment

- **Frequency Counters 1489**
  - Accessories..... 1490
  - Benchtop 1489
- **Frequency Counters, Hand-held 1488**
- **Mobile Phone Test Sets 1474**
  - Manuals, Phone Programming 1477
  - Testers, Cellular..... 1476
  - Test Sets, Digital & Cellular, Mobile..... 1474
- **Multimeters & Capacitance Meters 1491**
  - Capacitance & LCR Meters..... 1504
  - Capacitance Probes, Glass Testers 1505
  - Cases for Meters..... 1508
  - Data-Logging Equipment 1505
  - Multimeters, Analog..... 1499
  - Multimeters, Benchtop, Digital 1503
  - Multimeters, Clamp-On 1500
  - Multimeters, Digital 1491
  - Probes & Accessories 1505
  - Temperature Meters & Accessories..... 1505
  - Test Leads for Multimeters..... 1506
- **Oscilloscopes 1481**
  - Accessories, Oscilloscope 1486
  - Oscilloscopes, Analog 1481
  - Oscilloscopes, Digital..... 1482
  - Oscilloscopes, Digital Phosphor 1485
  - Oscilloscopes, Hand-held..... 1484
  - Probes, Oscilloscope 1485
- **Paging Test Equipment 1479**
  - Millivolters 1479
  - Pager Test Equipment 1479
  - Pager Test Equipment Packages..... 1479
- **Power Supplies, Variable, DC, Precision . 1510**
- **Receiver Alignment Instruments 1478**
  - SINAD Meters 1478
- **Service Monitors 1477**
  - Accessories, Service Monitor 1478
- **Signal & Function Generators 1486**
- **Test Cables 1511**

Digital & Cellular Mobile Phone Test Sets [710-05]

If you are purchasing these, you may need:

Screwdriver Sets ..... page 1589
Workbenches, Complete ..... page 1649
Pencil Soldering Irons, Soldering Gun ..... page 1667
Desoldering Tips ..... page 1686

Willtek Mobile Phone Fault Finder

The Willtek (formally Acterna/Wavetek) mobile phone testers enable shops and service centers to identify faulty and no-fault-found mobiles in just a few seconds. Allowing users with minimal skills to achieve a simple PASS/FAIL decision on a handset. The 4107 minimize the resources needed to resolve a customer's complaint, ensuring fast turnaround. Provides improved RF power accuracy <1dB. Designed for the service centers, features intuitive operation and AUTOTEST to minimize training required.

- Supports GSM 900/1800/1900, dual-band and triple-band, key measurements:
- Key measurements: Rx level and qual, Asynchronous mode, MS power, BER/FER, MS sensitivity, phase and frequency error, burst shape and length and burst edge failure indicator
- Power: 100 to 250VAC 50 to 60 Hz
- Dimensions: 10.0" X 4.4" X 3.8" Weight: 3.4 lbs.
- Includes: Operating Manual, Test SIM, Power Supply, and RF connecting cable

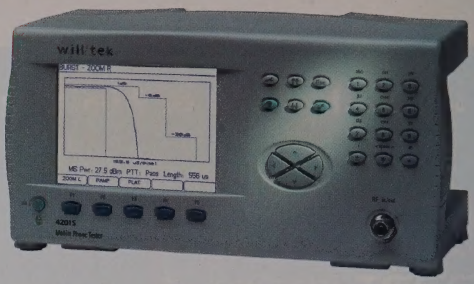
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 436349 1 EACH	Willtek 4107S 1 yr	Mobile Service Phone Tester Hand-Held, full featured, GO/NoGo modes, Autotest, Triple-band Testing GSM/PCN/PCS, 900, 1800, and 1900MHz	6,542.00 7 3.18	6,509.29 6,489.67 6,476.58

PCS/GSM Portable Phone Tester

Handset service occurs at three level: In-store go/no-go testing, mid-level board and module swaps at a depot, and high-level component replacement, also at a depot. The 4201S delivers fast, accurate, and cost-effective RF and functional test for mid-level service. Automated measurement of all relevant GSM parameters and specifications. Tests and limits can be modified as needed. Modern GSM phone can be checked with audio assesment of EFR codec, fax and data tests together with SMS. Includes a spectrum analyzer. AUTOTEST mode provides a quick checkout of a mobile. In FAULT-FIND mode, manual control simplifies troubleshooting. RS-232 for remote control and data retrieval. Web download preserves investment by simplifying updates. Operates on 94-264 VAC. Includes: Test SIM, Power supply, RF Connecting cable and Manual.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
39412 1 EACH	Willtek 4201S 1 Year	Mid-level GSM Handset Tester. For GSM 900, 1800, and 1900 MHz.	10,448.00 11.03 5.01	10,395.76 10,364.42 10,343.52

Willtek GSM Mobile Phone Tester

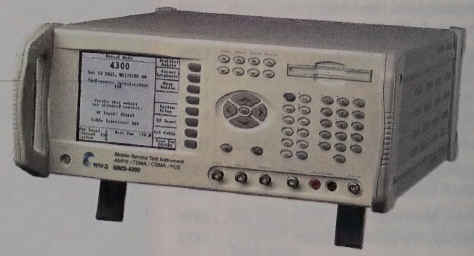


The Willtek (formally Wavetek/Acterna) mid-level service tester performing board swaps, module exchanges and subsequent RF alignment. Offers built-in AUTOTEST for routine pass/fail test for simple and easy of testing. Manual or Fault Find mode operate in Asynchronous mode allowing you to get the phone on a traffic channel to perform RF testing, the Asynchronous mode allows the phone to be controlled by manufactures software to align mobile phones. The Data mode for modems that do not support standard traffic channels but only data channels for RF testing.

- Test and alignment in service shops and depots
- Standard GSM testing, Service/Asynchronous mode, Triple Band and SMS/Data channel testing
- RF Generator/Analysis: GSM900, E-GSM, GSM-R, GSM 1800/1900 and 850 (optional)
- Connections: RF input/output N female, External ref. BNC female
- Power; 100 to 250 VAC, 50/60Hz
- Dimensions: 12.2" x 6.7" x 6.5" Weight 5.5 lbs.
- Includes: Test SIM card, RF connection cable, centronics, RS-232-C, power cable and manual
- Optional: GSM 850, AM Signal Generator; De-Tuning, Utility Software and RF shield boxes (sku39444)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 472373 1 EACH	Willtek 4202S 1 Year	GSM Mobile Phone tester	12,548.00 10 4.54	12,485.2 12,447.6 12,422.5
NEW 479300 1 EACH	Willtek 4202S-AM 1 Year	GSM Mobile Phone tester with AM Signal Generation	14,921.00 10 4.54	14,846.4 14,801.6 14,771.7
NEW 488386 1 EACH	Willtek M897110 1 Year	Utility Software for 4100/4200 series Phone Test sets	504.00 0.5 0.23	501.48 499.97 498.96

Willtek CDMA, TDMA, AMPS, NAMPS Analyzer



Standard Features: For AMPS, NAMPS, CDMA, cdma2000/1xRTT and TDMA systems. Floppy disk drive for field upgrades, data storage. Stores 5 user custom test programs. GPIB IEEE 488 Interface & RS-232-C. Motorola Audio output. "C message weighted" filter. 50 & 300 Hz high-pass filters. 3 KHz, 15 KHZ, 30 KHZ low-pass filters. Cable loss calibrator eliminates errors caused by RF test cables. Manufacturer's specification tables built-in. External reference frequency input. Spots marginal phones. Includes SINAD, deviation, frequency, SAT, and ST meters. Also reads ESN, SCM, and MIN. Two programmable keys for user-set "Quick Tests." Mobile power jack powers the phone and measures current draw.

- Features QuickTest mode provides Go/No/Go, AutoTest provides intensive testing
- Manual User control mode: Simulate Real Network Conditions to Measure and align mobile phone accordingly
- Data management results can be printed, stored or managed with free Software upgrade via the Internet
- Power: 85V to 264 VAC, 47 to 440 Hz
- Dimensions: 7" x 19.5" x 16.5", Weight: 37 lbs.
- OPTIONS: VCELP Voice codec Software (IACELP-OPT), IS-136 custom software (for 4304, 4305). OSCI Oven-controlled oscillator (0.05 ppm), and Screen capture Software (ISCRNCAP).
- Includes: TNC cable, Adapters, Printer cable, RS-232 cable, and Power cord.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
41120 1 EACH	Willtek 14301 1 Year	Mobile Phone Test AMPS, NAMPS and EAMPS phones	11,550.00 40 18.18	11,492.2 11,457.6 11,434.5

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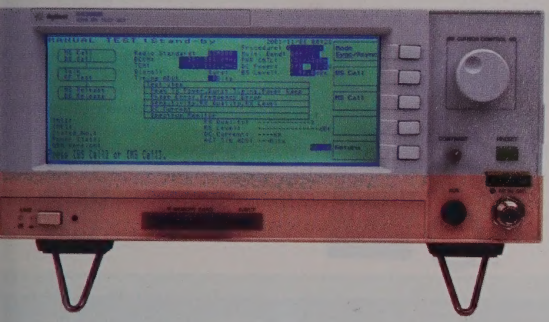
ntinuing product table (2 of 2)

art No. ty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
41090 EACH	Willtek 14302-1X 1 yr	Mobile phone tester .Automatic programmable test set tests AMPS, NAMPS, CDMA 800-1000 MHz. cdma2000 1xRTT, PCS.	30,445.00 55 25	30,292.78 30,201.44 30,140.55
41097 EACH	Willtek 14303-1X 1 yr	Mobile Phone Test CDMA, cdma2000/xRTT, PCS Automatic programmable test set	37,790.00 55 25	37,601.05 37,487.68 37,412.10
41122 EACH	Willtek 14304 1 Year	Mobile Phone Test Set. Automatic test set for TDMA, AMPS,NAMPS includes cables	20,470.00 50 22.72	20,367.65 20,306.24 20,265.30
48605 EACH	Willtek 14305 1 Year	Mobile Phone Test Set Automatic test set for AMPS,NAMPS,TDMA, including IS-136 basic software	27,815.00 50 22.72	27,675.93 27,592.48 27,536.85

gilent GSM (GPRS) Mobile Station Tester



gilent Technologies provides a solution designed for the changing mobile-phone repair envi-nment. The E6392B GSM (GPRS) provides mobile station screening and repair diagnostic nctions for service technicians and operators of network equipment, manufacturers and ser-e providers.

- bile Station Test Solution for: GSM900, CS1800, and PCS1900 Mobile-phones, from spection to module-level repair and after calibra-n testing
- ndard Comprehensive Testing for: RF spectrum alysis and signal generation, transmit peak power, wer ramp, phase and frequency errors, dc cur-nt, and includes a built-in DC power supply tions: Asychronous Test (In-band spectrum easurement), DC Power Adaper, Test SIM and cro SIM cards, RF signal generator
- Optional PoST Software: Provides the following tests based on the industry standards for GSM tech-nology: mobile Rx reports, peak power, phase error, power vs. time, Type II BER and FER, burst timing error, current drain, and echo loopback
- Dimensions: 13.77" x 5.9" x 13.77" Weight: 22.8 lbs.
- Power: 90 to 264 VAC, 47Hz to 63Hz

t No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
2146 ACH	Agilent Technologies E6392B 1 year	GSM Mobile Station Tester,GSM900, DCS1800 and PCS1900 frequency Bands	11,035.00 30 13.64	11,035.00 11,035.00 11,035.00
6112 ACH	Agilent Technologies E6392B/040/050 1 year	GSM/GPRS Mobile Station Tester, formats: GSM900, DCS1800 and PCS1900 frequency Bands with GPRS functionality multislot 1x1,2x1,1x2,1x3 (up/down link)	14,359.00 30 13.64	14,359.00 14,359.00 14,359.00
5153 ACH	Agilent Technologies E8292A 1 year	The PoST Software's powerful search, analysis and stor-age capabilities will allow the user to build a database of phone perfomance trends to improve customer care and manage your service operation more efficiently.	1,500.00 2 0.91	1,500.00 1,500.00 1,500.00
9137 ACH	Agilent Technologies E6392-60001 1 year	DC Power Adapter for E6390 series Mobile Testers	129.00 2 0.91	129.00 129.00 129.00

Agilent CDMA/PCS Mobile Station Tester

- Complete coverage of worldwide CDMA and AMPS cellular and PCS formats, including cdma2000 1x
- Key measusements include: call tests, power, frequency, and single code rho, multi code rho and TDSO FER measurements
- Consistent, reliable test results to a manufacturing test solution, with +/- 0.6 dB signal level and power measurement accuracy
- Comprehensive troubleshooting tools, including built-in automatic testing over 9 channels, CDMA/AMPS handoff test, optional programmable 12Vdc source, and signal generator
- Optional PoST Software:Includes CDMA waveform quality and frequency accuracy, softer handoff, CDMA traffic channel open loop power, Digital to analog handoff, Analog Tx RF power output, Tri-mode phone testing, Signaling Tone/DST, and Analog SINAD
- Dimensions: 13.77" x 5.9" x 15.75" Weight: 34 lbs.
- Accessories: Antenna coupler, SRAM card, RF Cables for Nokia 51xx, 61xx, and 71xx phones

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
483171 1 EACH	Agilent Technologies E6393B/002 1 year	CDMA/PCS Mobile Station Tester cdma2000/CDMA/AMPS with Tx analyzer capability	28,577.00 30 13.64	28,577.00 28,577.00 28,577.00
458114 1 EACH	Agilent Technologies E8294A 1 year	The PoST Software's powerful search, analysis and stor-age capabilities will allow the user to build a database of phone perfomance trends to improve customer care and manage your service operation more efficiently.	1,500.00 2 0.91	1,500.00 1,500.00 1,500.00

Agilent Mobile Phone Tester 8920B

The 8920B is a full function RF test set with the ability to test land mobile radios and cellular telephones. Here it has been configured for cellular phone testing. It can be upgraded to test TDMA and PCS handsets. Automated test software is available for each version.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
418025 1 EACH	Agilent Technologies 8920B/1,4,13,14 1 Year	Cellular Test System for AMPS, NAMPS and EAMPS.Includes a High Stability Time Base,Tone/Digital Signaling, C-Message Filter and a 6 kHz Bandpass Filter	22,855.00 61 27.72	22,855.00 22,855.00 22,855.00
424088 1 EACH	Agilent Technologies 11807E/004 1 Year	Radio Test Software for testing Cellular Systems on AMPS, NAMPS, and EAMPS.	1,612.00 0.25 0.11	1,612.00 1,612.00 1,612.00
459068 1 EACH	Agilent Technologies 11807E/014 1 Year	Radio Test Software for testing Cellular Systems on AMPS, NAMPS, EAMPS and TDMA.	2,155.00 0.25 0.11	2,155.00 2,155.00 2,155.00
412036 1 EACH	Agilent Technologies 11807E/024 1 Year	Radio Test Software for testing Cellular Systems on AMPS, NAMPS, EAMPS, TDMA and PCS dual mode phones.	2,593.00 0.25 0.11	2,593.00 2,593.00 2,593.00

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Mobile Phone Test Sets

Test SIM Cards for PCS/GSM

Test SIM cards allow test intstruments to take control of a PCS/GSM phone to perform tests on all of the phone's functions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
72506 I EACH	Willtek 860 188 1 yr	Test SIM Card. Plug-in (small).	105.00 0.05 0.02	104.48 104.16 103.95

Willtek Universal Antenna Coupler

The Wavetek Universal Antenna Coupler can be used to connect any mobile phone to test equipment quickly and reliably. No need for individual cable connections for each phone. Simply place the mobile phone on the Universal Antenna Coupler, connect to test equipment, and test. Works for all Cellular, PCS, and GSM phones. Provides direct connection to Wavetek 4100 series testers. This unit can also be used with any tester, but adapter sku 89453 must be used to connect.

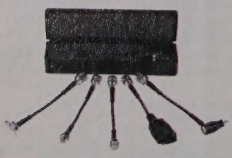
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
75515 I EACH	Willtek M248330 1 yr	Universal Antenna Coupler for Cell/PCS/GSM phones.	483.00 5 2.27	480.59 479.14 478.17

Willtek RF Screened Box

The Screened Box provides more than 50 dB of isolation from surrounding RF noise and signals. Use with a handset tester to ensure accurate results and simplify tester set up. Add the Universal Antenna Coupler to provide easy connection to any mobile phoneup to the 1900 MHz band.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
39441 I EACH	Willtek M248340 1 Year	Screened Box isolation chamber. 16" x 9.5" x 4.3", 4.2 lbs.	1,649.00 6.62 3.01	1,640.76 1,635.81 1,632.51
39444 I EACH	Willtek M248399 1 Year	Screened Box isolation chamber and Universal Antenna Coupler. 16" x 9.5" x4.3", 4.2 lbs.	1,890.00 9.5 4.32	1,880.55 1,874.88 1,871.10

Phone-Specific RF Adapters



Phone-specific RF adapters allow a direct connection between the handset and test equipment for accurate measurements. Use with required adapter (SKU 89453) to connect handset directly to test equipment. (TNC/Male)

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
89453 I EACH	Willtek 860 409 1 yr	RF Connecting Cable adapts Wavetek RF adapters to TNC/Male for use with test equipment.	63.00 0.1 0.05	62.69 62.50 62.37
95012 I EACH	Willtek 860 415 1 yr	RF-Adapter for Motorola 3000 Series, 8000, 9000. Inductive Coupling, not a direct connection.	63.00 1 0.45	62.69 62.50 62.37
26545 I EACH	Willtek 860 417 1 yr	RF-Adapter for Ericsson PCS phones: CF337/388, CH337/388. Requires adapter (sku 89453).	74.00 0.06 0.03	73.63 73.41 73.26

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
75654 I EACH	Willtek 860 420 1 yr	RF-Adapter for the Motorola 6000 Series, 8000 Series, Flare, Elite, MR20. Requires adapter (sku 89453).	95.00 1 0.45	94.53 94.24 94.05
36012 I EACH	Willtek 860 424 1 yr	RF-Adapter for the Nokia 2100 Series except 2190. Requires adapter (sku 89453).	74.00 0.06 0.03	73.63 73.41 73.26
38407 I EACH	Willtek M860437 1 Year	RF adapter - Allows direct connection to the Ericsson 768. Requires adapter, SKU 89453.	74.00 0.5 0.23	73.63 73.41 73.26
15182 I EACH	Willtek M860443 1 year	RF adapter - For Motorola model numbers:cd920/d920, cd930/d930, StarTac 70-85-90-130-7790-7790i, v3688.	63.00 1 0.45	62.69 62.50 62.37
46748 I EACH	Willtek M860446 1 year	RF adapter - For Nokia 5100/6100 series phones. Requires adapter, SKU 89453	63.00 0.5 0.23	62.69 62.50 62.37

Willtek Adapters and Accessories

Accessories to enhance the performace and usefulnes of the Acterna series of PCS/GSM testers.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
86370 I EACH	Willtek 860 251 1 yr	Soft case for the 4100 series testers	84.00 0.5 0.23	83.58 83.33 83.16
29043 I EACH	Willtek 385 877 1 yr	Combination RS-232 serial and Centronics parallel cable. Connect 4100 series tester to both at once	110.00 0.98 0.45	109.45 109.12 108.90
61191 I EACH	Willtek 860 262 1 yr	1800/1900 Mhz antenna with TNC adapter	74.00 0.5 0.23	73.63 73.41 73.26

Cellular Testers [710-10]

Acterna MMF-4350 Mobile Fault Finder

The MMF-4350 is a series of testers for point-of-sales (POS) and filter service requirements, providing fast g no-go decisions. You can see within seconds whether the phone is operating correctly. Depending on the model, you can test AMPS, NAMPS, CDMA, TDMA, and PCS-1900 phones. All necessary parameters and functions of the mobile phone are checked by simulating real conditions. The results can be printed and handed to the customer. *Order Wavetek Phone Specific RF Adapters Separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
52188 I EACH	Willtek 14352 1 Year	Phone Tester: AMPS, NAMPS, and CDMA test capabilities	18,890.00 50 22.72	18,795.5 18,738.8 18,701.1
52189 I EACH	Willtek 14353 1 Year	Phone Tester: AMPS, NAMPS, CDMA, and PCS-1900 test capabilities	20,990.00 50 22.72	20,885.0 20,822.0 20,780.1
52198 I EACH	Willtek 14354 1 Year	Phone Tester: AMPS, NAMPS, and TDMA test capabilities	16,790.00 50 22.72	16,706.0 16,655.6 16,622.1
52207 I EACH	Willtek 14355 1 Year	Phone Tester: AMPS, NAMPS, TDMA, and PCS-1900 test capabilities	19,940.00 50 22.72	19,840.3 19,780.4 19,740.6

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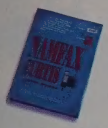
Phone Programming Manuals [710-32]

rogramming Manuals



The NAMFAX contains programming instructions for over 850 cellular phones. Includes programming shortcuts, reset codes, handset diagnostic tests, adapters and manufacturer contacts. Now with expanded indexing and thumbnail sketches of each handset for easy identification. 11th edition. Includes informationfor all phones including PROM programmable phones. For just $10 more, get the book AND the CD together!

No. Uom	Manufacturer Mfg. P/N Warranty	Title	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 0354 ACH	Curtis NAMFAX NAMFAX EDITION 13 -	NAMFAX, Edition 13	179.00 3.3 1.5	177.21 175.42 173.63
913 ACH	Willtek 1019-28-0017	Wireless Technician's Handbook	72.00 2 0.91	71.64 71.43 71.28

ogramming Manuals

Get all the facts with FULFAX! A boxed set of FONFAX Cellphone Operation Manual and the NAMFAX Cellular Programming Manul. A must for cellular support personnel! Everything you need to program and operate any cellular phone at the touch of your fingertips. Four volumes with over 3500 pages of up-to-date information.

No. Uom	Manufacturer Mfg. P/N Warranty	Title	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
20 CH	Curtis NAMFAX FULFAX SET -	FULFAX including NAMFAX and FONFAX 1998 CD version with NAMFAX	299.95 11 5	296.96 293.96 290.96

peration Manuals

The Fonfax Cellphone Operation Manual contains the operating instructions for over 550 models, bound in 3 volumes. Now with expanded indexing and thumbnail sketchesof each handset for easy identification. Edition 1 with 1998 supplement. Over 2300 pages.

No. Uom	Manufacturer Mfg. P/N Warranty	Title	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
18 CH	Curtis NAMFAX FONFAX -	FONFAX - Cellphone Operation Handbook.	88.00 8 3.64	87.12 86.24 85.36

Service Monitors [700-10]

Ramsey COM-3

- FREQUENCY RANGE: 100kHz - 999.999MHz in 500Hz steps.
- DISPLAY: 7 digit high efficiency LED 0.40" height.
- ACCURACY: 1ppm.
- RF OUTPUT: 0.1uV - 10,000uV.
- MODULATION: FM deviation 0-15KHz peak Bandwidth 10Hz-10KHz
- AM depth 0-99% Bandwidth 10Hz to 10KHz
- INTERNAL MODULATION: 10 to 1000 Hz, 1Khz sinewave.
- RECEIVE MODE: 100KHz to 999.999MHz in 500HZ
- 2W audio output,5uV sensitivity.
- RECEIVE MEASUREMENT: FM deviation, Carrier Frequency Error.
- FREQUENCY COUNTER: 10 Hz to 1 KHz & 10MHz to 999.999MHz at 1KHz resolution.
- Audio range 10Hz - 1KHz, 0.1Hz resolution.
- MEMORY: Up to 10 complete front panelset-ups may be stored and recalled on command.
- CONTROLS: Flat fully sealed, membrane switch panel.
- DIMENSIONS: 12"W x 5.5"H x 16"D.
- WEIGHT: 18 lbs. (With Battery Installed)
- POWER: 120VAC/included rechargeable batteries.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
34578 1 EACH	Ramsey Electronics COM-3 1 yr	COM3 Service Monitor	1,995.00 21 9.54	1,995.00 1,995.00 1,985.03
NEW 482363 1 EACH	Ramsey Electronics COM-3 W/FCSH 1 yr	COM3 Service Monitor: Includes front cover and a side handle.	2,055.00 21 9.54	2,055.00 2,055.00 2,044.73
NEW 88806 1 EACH	Ramsey Electronics COM-3 TRAVEL CASE 30 Days	Cordura travel case for the COM-3 service monitor.	99.95 1.6 0.73	99.95 99.95 99.45

IFR COM120C Service Monitor

472324

The COM-120C has been recognized as an Industry standard in Communication Service Monitors. The "C" version of this popular model adds a color display and a tracking generator to the list of standard features combined into this service monitor. The COM-120C combines over 20 instruments into one unit, offering a cost effective solution to your test set needs.

- Includes: Manual, AC & DC power Cords, Fuses, Telescoping Antenna, TNC/M to BNC/F & Right Angle BNC Adapter.
- Standard Features:
- Color Display
- Tracking Generator
- Split Screen Spectrum Analyzer
- RF Power and Level Meter: 2mW-200W
- RF Frequency Counter and Error Meter
- FM and PM Deviation Meter
- Amplitude Modulation Meter
- RF Generator Output 1 GHz/+13dbm
- AF Generator Output 20 kHz/2.5vpk (150 ohm)
- Distortion and Sinad Meters
- Oscilloscope and DVM
- Audio Frequncy Counter
- Frequency Range: 250 KHz to 1 GHz
- Receiver Sensitivity: 2uv
- Internal Memory and PCMIA Slot
- Weight: 38.5 lbs. (w/o options,lids,etc.)
- Dimensions: 15.75" X 7.5" X 16.875"

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 472324 1 EACH	IFR, Incorporated 120C-3-110 2 yr	IFR COM120C-3 Service Monitor with tracking generator. Includes 30 KHZ IF Filter, TCXO Audio Generator and 26dB gain RF Amplifier.	16,995.00 53 24.09	16,995.00 16,995.00 16,995.00
NEW 490383 1 EACH	IFR, Incorporated 120C-3T-110 2 yr	COM120C-3T Service monitor with Tracking Generator. Includes 30kHz IF filter, OCXO High Stability Time Base and 26dB gain RF Amplifier.	18,055.00 60 27.27	18,055.00 18,055.00 18,055.00
NEW 410395 1 EACH	IFR, Incorporated 120C-8-110 2 yr	COM120C-8 Service monitor with Tracking Generator. Includes SSB Filter, TCXO and 26dB gain RF Amplifier.	17,737.00 62 28.18	17,737.00 17,737.00 17,737.00
NEW 490309 1 EACH	IFR, Incorporated 120C-8T-110 2 yr	COM120C-8T Service monitor with Tracking Generator. Includes SSB IF filter, OCXO High Stability Time Base and 26dB gain RF Amplifier.	18,585.00 62 28.18	18,585.00 18,585.00 18,585.00
93069 1 EACH	IFR, Incorporated AC2202 2 years	Rackmount Kit for the COM120C	323.00 8 3.64	323.00 323.00 323.00
NEW 441190 1 EACH	IFR, Incorporated W120C/203 NA	1 year extension of the standard two year warranty for a total of 3 years	630.00 0.01 0	629.97 629.97 629.97
NEW 438171 1 EACH	IFR, Incorporated W120C/204 NA	2 year extension of the standard two year warranty for a total of 4 years	1,075.55 0.01 0	1,075.55 1,075.55 1,075.55
NEW 499191 1 EACH	IFR, Incorporated W120C/205 NA	3 year extension of the standard two year warranty for a total of 5 years	1,405.15 0.01 0	1,405.13 1,405.13 1,405.13

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Receiver Alignment Instruments

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
16561 1 EACH	IFR, Incorporated 120OPT7 2 yr	Data Generator and BER meter option.	933.00 0 0	933.00 933.00 933.00
NEW 499383 1 EACH	IFR, Incorporated 120COPT20 2 yr	7.5 Khz IF Filter for the 120C ***Hardware Option that replaces either the 30KHz filter OR SSB Filter(OPT.8)	572.00 0.01 0	572.00 572.00 572.00
64298 1 EACH	IFR, Incorporated 120OPT9 2 yr	RCC Signaling Option	1,000.00 0 0	1,000.00 1,000.00 1,000.00
66919 1 EACH	IFR, Incorporated 120OPT11 2 yr	Analog/Digital signalling option. W/POCSAG, 5/6 tone, and 9 others.	1,166.00 0 0	1,166.00 1,166.00 1,166.00
12691 1 EACH	IFR, Incorporated 120BOPT12 2 yr	Tracking Generator Option for the "B" version only!	1,166.00 1 0.45	1,166.00 1,166.00 1,166.00
15312 1 EACH	IFR, Incorporated 120OPT13 2 yr	IEEE-488 interface option. Option 13.	965.00 0 0	965.00 965.00 965.00
53705 1 EACH	IFR, Incorporated 120OPT14 2 yr	CLEARCHANNEL LTR option.	1,092.00 0 0	1,092.00 1,092.00 1,092.00
92098 1 EACH	IFR, Incorporated 120OPT15 2 yr	AMPS mobile test option.(REQUIRES 120C-3 or 120C-3T)	2,025.00 0 0	2,025.00 2,025.00 2,025.00
27277 1 EACH	IFR, Incorporated 120OPT16 2 yr	EDACS option.	1,919.00 0 0	1,919.00 1,919.00 1,919.00
26859 1 EACH	IFR, Incorporated 120OPT17 2 yr	MPT1327 Option for base, mobile and repeater testing.	1,744.00 0 0	1,744.00 1,744.00 1,744.00
42672 1 EACH	IFR, Incorporated AC1023 2 yr	Applications library for Com-120. Incl cable fault and adj.channel power	345.00 0.25 0.11	345.00 345.00 345.00
NEW 449329 1 EACH	IFR, Incorporated AC1109W 2 yr	EasySpan II Waveform transfer software. Windows compatible.	583.00 1 0.45	658.43 658.43 658.43
NEW 444313 1 EACH	IFR, Incorporated AC1109U 2 yr	EasySpan II Waveform transfer software upgrade for existing AC1009W users. Windows compatible.	295.00 0.62 0.28	295.00 295.00 295.00
89477 1 EACH	IFR, Incorporated AC1022 2 yr	EasyComm-B Land mobile test software for COM-120 Service Monitor	694.00 0.9 0.41	694.00 694.00 694.00
44510 1 EACH	IFR, Incorporated 120OPT21 2 yr	Autocell-NT software for Novatel, GE analog base systems	2,327.00 1 0.45	2,327.00 2,327.00 2,327.00

Agilent 8920B

482171

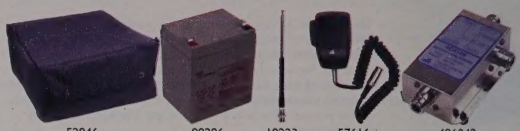
The Agilent Technologies 8920B is a full-function test set based upon the Agilent 8920A design but with increased measurement speed, accuracy, and larger user memory (928 kbytes standard). The 8920B uses PCMCIA memory cards for data storage and radio test programs. The 8920B has the functionality, speed, and accuracy for testing land mobile radios, cellular telephones, and other communications systems while improving throughput and quality in manufacturing.

- 400kHz to 1GHz
- RF/AF signal generators
- AM/FM modulation analyzer
- RF/AF power meter
- Spectrum Analyzer
- Tracking Generator
- Adjacent channel power meter
- Oscilloscope
- IBASIC controller
- Signaling encoder/decoder
- Function generator
- AC/DC voltmeter
- SINAD/SNR meters
- High Stability reference
- Radio Test Software Options: AMPS/EAMPS/NAMPS cellular phone tests
- TACS/ETACS cellular phone tests
- External TDMA cellular adapter(IS-54,IS-136)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 476339 1 EACH	Agilent Technologies 8920B 1 year	8920B Service Monitor	20,902.00 50.71 23.05	20,902.00 20,902.00 20,902.00
482171 1 EACH	Agilent Technologies 8920B/102 1 year	8920B Service Monitor with Spectrum Analyzer and Tracking	23,135.00 61 27.72	23,135.00 23,135.00 23,135.00

Service Monitor Accessories [700-25]

IFR Accessories



52946 99296 19223 57616 486042

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW 422338 1 EACH	IFR, Incorporated AC 0604 N/A	Application Guide for the COM-120C. Provides step-by- step procedures for performing tests commonly found in the wireless world.	66.25 2.42 1.1	53. 53. 53.
NEW 485398 1 EACH	IFR, Incorporated AC 1061 2 yr	Nortell Auto Cable Kit	1,385.00 2.42 1.1	1,10 1,10 1,10
60586 1 EACH	IFR, Incorporated 1002-0600-500 N/A	Application Guide for the COM-120B. Provides step-by- step procedures for performing tests commonly found in the wireless world. Black-and-white with illustrations. 40 pages.	66.25 2.42 1.1	53. 53. 53.
NEW 472398 1 EACH	IFR, Incorporated AC0601 N/A	Maintenance Manual for the IFR COM-120C service monitor.	350.00 5.26 2.39	350 350 350
99939 1 EACH	IFR, Incorporated AC0601 N/A	Maintenance Manual for the IFR COM-120B service monitor.	350.00 5.26 2.39	350 350 350
52946 1 EACH	IFR, Incorporated AC9925 90 days	Soft padded carrying case for the IFR COM120	175.00 2.5 1.14	175 175 175
99296 1 EACH	IFR, Incorporated 120BOPT1 1 year	12v, 5Ah sealed leadacid battery with tab fasteners. For COM120B.	148.00 9.75 4.43	148. 148. 148.
19223 1 EACH	IFR, Incorporated AC1201	Telescoping Antenna with BNC/M connector	34.00 0.25 0.11	34. 34. 34.
57616 1 EACH	IFR, Incorporated AC8645	Microphone for COM120.	48.00 2.42 1.1	48. 48. 48.
50023 1 EACH	IFR, Incorporated 6041-8769-200 90 days	DC Power cord for any IFR Service Monitor	73.40 0.39 0.18	73. 73. 73.
486042 1 EACH	IFR, Incorporated AC4105 2YR.	Return Loss Bridge Three port bridge has N-Female connectors. Come with application note.	1,219.00 1 0.45	1,219 1,219 1,219

Carry Cases

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW 499353 1 EACH	IFR, Incorporated 1412-8700-530 30 Days	Heavy duty ship case with tag-along combination.	742.00 40 18.18	742. 742. 742.

SINAD Meters [480-10]

S101 Sinad Meter

A specialized SINAD distortion meter making measureme simple. Circuits are internally preset to 1KHz tone used in SINAD measurements. The automatic gain control feature permits the SINADDER to be used as a tuning instrument without manual adjustment.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
40053 1 EACH	Helper Instruments S101 1 yr	SINAD Meter, 0-20dB. 120V	295.00 3.04 1.38	293. 292. 290.

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.105 Sinad Meter

System features a SINAD meter and an AC RMS voltmeter. It also has an audio signal tracer and a tone generator to facilitate fault detection. Includes fixed cables with mini alligator clips.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
625 ACH	Helper Instruments SL105 1 yr	SINAD Meter, 0-32dB scale, AC RMS Voltmeter. Includes tone generator with isolation transformer, 120V.	495.00 4.71 2.14	492.53 490.05 487.58

Millivolters [480-30]

Millivolter

Millivolters isolate defective RF circuits and aid tuning of circuit components. Easy to read scales in RMS Volts and dBm. Includes probe, 5 ft cable, 50dB adapter, 50 Ohm BNC terminator, Teflon probe nose and grounding lead. 120V and 12VDC input.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
302 ACH	Helper Instruments RF801 1 year	Millivolter, 1mV- 100 V. Freq: 100Hz -1.6 GHz, 120V.	995.00 5.61 2.55	990.03 985.05 980.08
481 ACH	Helper Instruments RFTE 90 days	Replacement Probe Tips. (2 ea)	25.00 0.03 0.01	24.88 24.75 24.63

Pager Test Equipment Packages [730-05]

ograde Package #3

Upgrade your existing service monitor to a pager test station.

- 400 Quick Page Flex Paging Encoder
- -1 Missing Link Pager Test Set
- -2000 Portable RF Test Box
- CCR-1 Quick Check Crystal Checker
- ATS-1 Pager Adjustment Tool Set
- RLC-1 Remote Level Controller

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
069 CH	Ramsey Electronics UPGRADE PAK 3 1 yr	Upgrade Pak #3	2,495.00 20 9.09	2,495.00 2,495.00 2,482.53

er Package #5

Complete bundled pager test package.

des:
- -1 Pager PLUS Test Set
- -1 Oscilloscope
- RTF-2 Radiation Test Fixture
- PP-1 Preamp Probe
- SS-3 Three way RF Selector Switch

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
027 CH	Ramsey Electronics PAGER PAK 5 1 yr	Pager Package #5	4,995.00 50 22.72	4,995.00 4,995.00 4,970.03

Pager Package #6

Complete (ADVANCED) bundled pager package.

- APTS-3000 Advance Pager Test System
- AAS-1 Oscilloscope
- RTF-2 Radiation Test Fixture
- CCR-1 Quick Check Crystal Checker
- SCRM-1 Screen Room Kit
- Super Brain Password Breaker
- Software & Interface for 17 Motorola pagers
- QT-1000X Decoder Board Tester
- ABS-3000 LCD Bonder
- DMM Digital Multimeter
- ATS-1 Pager Adjustment Tool Set
- RTS-1 Repair Tool Set
- RTS-13 Panavice with 2-7/8" jaws
- RTS-14 Liquid Trace Repair Pen
- Electronic Pager Repair Notebook
- PTTS-WP Pager Training School

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
476044 1 EACH	Ramsey Electronics PAGER PAK #6 1 yr	RAMSEY PAGER PAK #6	9,998.00 162 73.63	9,998.00 9,998.00 9,948.01

Pager Package #7

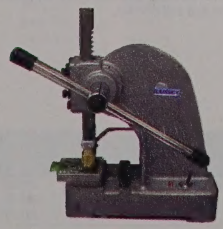
Complete bundled pager test set package.

- Includes:
- PPTS-1 Pager PLUS Test Set
- AAS-1 Oscilloscope
- RTF-2 Radiation Test Fixture
- CCR-1 Crystal Checker
- SCRM-1 Screen Room Kit
- Password Breaker
- Motorola software and programming Interface
- QT-1000X Decoder Board
- ABS-3000 LCD Bonder
- DMM-1 Digital Multimeter
- ATS-1 Pager Adjustment Tool
- RTS-1 Repair Tool Set
- RTS-13 Panavice with 2 7/8" Jaws
- RTS-14 Liquid Trace Repair Pen
- Pager Repair Notebook
- PTTS-WP Pager Test Training School

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
84411 1 EACH	Ramsey Electronics PAGER PAK #7 1 yr	RAMSEY PAGER PAK #7	10,795.00 165 74.99	10,795.00 10,795.00 10,741.03

Pager Test Equipment [730-10]

Advanced LCD Bonding System



The ABS-3000 Beyond-O-Bonder provides high-quality pager LCD bonds at an affordable price. The unit does not require a silicon pad or other heat shield as it's heater has a teflon sleeve. A 200 watt heater holds the brass head to a uniform temperature across the entire width to ensure an even, tight bond. The bonder comes to the set temperature in 2 minutes for the low setting (360 F), and 4 minutes for the high setting (460 F). Custom fit pager plates hold the pager in the correct position for a clean bond. Plates are sold separately or are available in packages. Purchase the bonder with 12 plates and get the best deal.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
99026 1 EACH	Ramsey Electronics ABS-PL10 1 yr	Plate for MOT Bravo,Bravo+,Lifestyle +, and Classic pagers.	55.00 0.5 0.23	55.00 54.73 54.73
85812 1 EACH	Ramsey Electronics ABS-PL12 1 yr	Plate for MOT Bravo Encore, and Pro Encore pagers.	55.00 0.5 0.23	55.00 54.73 54.73
83314 1 EACH	Ramsey Electronics ABS-PL13 1 yr	Plate for MOT Bravo LX/FLX pagers.	55.00 0.5 0.23	55.00 54.73 54.73

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Paging Test Equipment

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
95279 1 EACH	Ramsey Electronics ABS-PL20 1 yr	Plate for NEC Relay,Sport pagers.	55.00 1 0.45	55.00 54.73 54.73
43672 1 EACH	Ramsey Electronics ABS-PL21 1 yr	Plate for NEC Replay, and Sport IIpagers.	55.00 0.5 0.23	55.00 54.73 54.73
30458 1 EACH	Ramsey Electronics ABS-PL31 1 yr	Plate for Uniden XLT pagers.	55.00 0.5 0.23	55.00 54.73 54.73

RF Screen Room Kit

RAMSEY

A screen room is the ultimate shielded enclosure, it allows the user to work without RF interference. It's large size (7'x7'x7') gives the user enough room for a workbench and test equipment.

- Includes
- 200ft of 48" Aluminum Screen
- 50ft of 6" Aluminum Flashing
- Two 10 1/2"x15 1/2" Aluminum Plates
- One AC Line Entry Filter (15 amp)
- One AC Line Cord

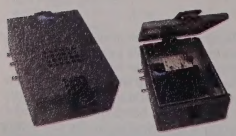
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
476043 1 EACH	Ramsey Electronics SCRM-1 1 yr	Shielded Screen Room	495.00 50 22.72	495.00 495.00 492.53

Shielded Test Enclosure

The STE-3000 is a miniature screen room. It givess better than 70dB of RF isolation at 950 MHz. Special gloves allow complete freedom to manipulate the radio/pager while offering RF isolation. The viewing window is 14.5" x 4.5" and the enclosure has four internal lamps to improve visibility.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
82766 1 EACH	Ramsey Electronics STE-3KBD 1 yr	STE-3000 Shielded Test Enclosure. 3 BNC Male-Male jacks and one DB9 9-pin connector.	2,150.00 21 9.54	2,150.00 2,150.00 2,139.25
31159 1 EACH	Ramsey Electronics STE-3KTD 1 yr	STE-3000 Shielded Test Enclosure. 3 TNC Male-Male jacks and one DB9 9-pin connector.	1,395.00 21 9.54	1,395.00 1,395.00 1,388.03

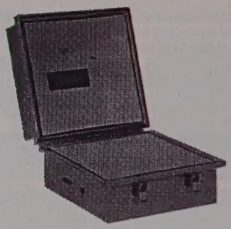
STE-2000 RF Shielded Test Enclosure



Ramsey's smallest RF shielded test enclosure, designed for use with pagers and cell phones.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
434072 1 EACH	Ramsey Electronics STE-2001 1 yr	STE-2001 Shielded Test Enclosure.	295.00 21 9.54	295.00 295.00 293.53

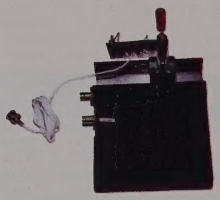
Triplett RF Isolation Box



This portable box eliminates the need for expensive isolation rooms while providing the necessary isolat to test cellular phones & pagers. With an isolation o 80dB, the box prevents transceivers and receivers fr locking on to nearby sites giving you control of the phone & pager. The box has internal incandescent lig ing so you view the unit under test. The joystick allo you to actuate the units buttons & switches. Baseba connectors are providedfor injecting and measuring baseband signals, as well as power. FREQUENCY RANGE: 144MHz - 2.0GHz. ISOLATION : 80dB. RF Connector: TNC-F. Baseband Connectors: 2 BNC-F; Banana jacks. POWER: 120VAC SIZE: 14"x14"x8.75" Weight: 27lbs

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
42597 1 EACH	Triplett T3246 1 yr	Portable screening room. Includes: AC power pack,baseband connector box, antenna, and instruction manual.	2,600.00 27 12.27	2,600. 2,574. 2,548.

Radiation Test Fixture



The radiation test fixture is designed for use as an aid testing and aligning pagers. Mechanically, the RTF-1 holds the pager in the servicing position & provides t means for hands-free connection of the contact pins the pager under test. Electrically, the RTF-1 allows m surements of radiated sensitivity,frequency, & SINAD when used in conjunction with the appropriate test equipment. Three built-in BNC connectors allow co nection to RF signal generator,service monitors, SINA meters, frequency counters, etc. Internal strip-line design ensure flat, calibrated frequency response wit out the need to remember external attenuator pads terminations.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
95228 1 EACH	Ramsey Electronics RTF-2 1 yr	RF Radiation Test Fixture with receive with built in antenna for checking the IF and operating frequency without opening pager case.	515.00 4.1 1.86	515.0 515.0 512.4
20698 1 EACH	Ramsey Electronics RTF-4PW 1 yr	Four Spare Probe Wires for RTF-1 TestFixture.	9.95 2 0.91	9.95 9.95 9.90

Quick-Page Paging Encoder

The PE-6400 "Quick-Page" Paging Encoder is compat ble with ALL currently available paging formats, such FLEX, POCSAG, Golay, 2 tone, and 5/6 tone formats. Single key format and speed selection. Bright 2 line b 20 character display shows format, speed, capcode a message all at once. Seven preprogrammed messages including numeric strings, tone only, and preamble. Three user-progammable messages in non-volatile memory. Capcode increment/decrement and edit key 600 ohm outputs. EASY-TO-USE isan understatement

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37087 1 EACH	Ramsey Electronics PE-6400 1 yr	Quick-Page Paging Encoder. Includes Motorola FLEX among others.	1,295.00 5 2.27	1,295.0 1,295.0 1,288.5

Preamplified FET Probe

Provides over 15 dB of gain and very high input impedance. Measure the lowest level RF signals such as 1st LO, 2nd LO and crystal filters, while they are still in the pager. Use with frequency counters and oscilloscopes. Includes probe, powe supply, ground spring, ground lead, BNC cable.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
12848 1 EACH	Ramsey Electronics PP-1 1 yr.	Preamplified Probe	195.00 1 0.45	195.00 195.00 194.03

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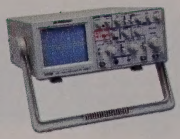
nufacturer ble	Instek America GOS-310	Instek America GOS-622B	BK Precision 2120B	BK Precision 2125A
nalog Oscilloscopes 680-10]				
oduct Narrative	10MHz scope with 5mV/div sensitivity One test lead incl. instruction manual, and power cord. Great for education market, hobbyist, and pager repair companies.	20MHz scope with 5mV/div sensitivity Two 10:1/1:1 probes,instruction manual, and power cord.	30 MHz 2 channel single time base oscilloscope.	30 MHz 2 channel single time base oscilloscope. Delay sweep in 19 ranges. Built in component tester, 23 step timebase, deluxe handle.
dwidth, Type	10MHz Analog, Benchtop	20MHz Analog, Benchtop	30 MHz,Analog Benchtop	30 MHz,Analog Benchtop
t. Bandwidth t. Rise Time t. Impedance t. Max. Input	10 MHz/1 Channel n/a 1Mohm 600Vp-p	20 MHz/2 channels 17.5ns 1Mohm Not specified	30 MHz/2 channels 17.5 nS 1Megohm +/- 2% 400V(DC + AC)	30 MHz/2 channels 17.5 nS 1Megohm +/- 2% 400V(DC + AC)
t. Modes	CH1, X-Y	CH1, CH2, DUAL, ADD, ALT,CHOP	CH1,2,CH2 INVERT, ADD,ALT,CHOP	CH1,2,CH2 INVERT, ADD,ALT,CHOP
t. Accuracy	+/- 3%	+/- 3%	+/-3.0%	+/-3.0%
izontal Time Base izontal Accuracy	.10s/div to .1us/div +/- 5%	0.5s/div to .2us/div +/- 3%	0.5us/div-.5s/div +/- 3%	0.5us/div-.5s/div +/- 3%
gger Source gger Modes	INT, EXT AUTO, NORM, EXT, TV	CH1, CH2, LINE, EXT, AUTO, NORM, SINGLE, AC, DC, HF REJ, TV	CH1,CH2,ALT,EXT,LINE AUTO(Free run) or NORM	CH1,CH2,ALT,EXT,LINE AUTO(Free run) or NORM
Operation	X-axis 1MHz,Y-axis same as vertical sys;Phase shift < 3 degrees.	X-axis 1MHz,Y-axis same as vertical sys;Phase shift < 3 degrees.	Switch Selectable using X-Y switch. CH1: Y axis CH2: X axis.	Switch Selectable using X-Y switch. CH1: Y axis CH2: X axis.
olay Controls	CRT Display, Intensity, Focus	CRT Display,Intensity, Trace Rotation,Beam FindZ-axis,Focus	CRT, rectangular with internal graticule. 8 x 10div (1 div = 1 cm)	CRT, rectangular with internal graticule. 8 x 10div (1 div = 1 cm)
er Functions	Amplitude calibrator.	Alternate trigger funct-ion, trigger holdoff, & TV synchronization.	19 step time base.	Delayed sweep-19 ranges component tester-cap., ind.,diode, tran., and zeners. 23 step time base Deluxe handle/tilt stand
ver Source (HxWxD) ght rranty	115/220/240VAC +/- 10% 7.1x12.2x16.1 inches 15.2 2 year	120/220VAC 6.1" X 12.2" X 17.9" 18.08 2 year	120/240 V 12.6x5.1x14.2 inches 18.5 lbs. 3 year	120/240 V 12.6x5.1x14.2 inches 15.0 lbs 3 year
SSCO Part No.	**55694**	**447061**	**44090**	**41393**
Price: T-1 Price:	$230.00 $224.25	$458.00 $446.55	$549.00 $543.51	$646.00 $639.54
lb.: T-2 Price:	15 lb. $221.95	19 lb. $441.97	19 lb. $538.02	24.36 lb. $633.08
kg.: T-3 Price:	6.82 kg. $219.65	8.64 kg. $437.39	8.64 kg. $529.79	11.07 kg. $623.39

Signal Analysis

V = New Listing. Pricing for reference only.
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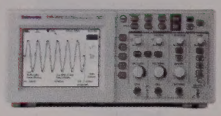
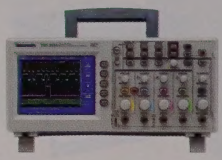
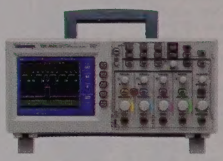
Digital Oscilloscopes [680-12]

Manufacturer Table	Tektronix TDS1012	Tektronix TDS2002	Tektronix TDS2012	Tektronix TDS2014
				
Product Narrative	100 MHz Monochrome LCD Display, real-time performance, Ease of use with Autoset Menu Waveform Selection. Includes: 2 - P2200 Probes, manual, power cord and NIST certification.	60 MHz Color LCD Display, real-time performance, Ease of use with Autoset Menu Waveform Selection. Includes: 2 - P2200 Probes, manual, power cord and NIST certification.	100 MHz Color LCD Display, real-time performance, Ease of use with Autoset Menu Waveform Selection. Includes: 2 - P2200 Probes, manual, power cord and NIST certification.	100 MHz Color LCD Display, real time performance, Ease of use wit Autoset Menu Waveform Selection. Includes: 4 - P2200 Probes, manual, power cord and NIST cer tification.
Bandwidth, Type	100 MHz, Bench/portable DSO	60 MHz, Bench/portable DSO	100 MHz, Bench/portable DSO	100 MHz, Bench/portable DSO
Vert. Bandwidth Vert. Rise Time Vert. Impedance Vert. Max. Input	100 MHz/2 channel	60 MHz/2 channel	100 MHz/2 channel	100 MHz/4 channel
Vert. Modes	CH1, CH2, Add, Invert, Subtract, X-Y	CH1, CH2, Add, Invert, Subtract, X-Y	CH1, CH2, Add, Invert, Subtract, X-Y	CH1, CH2, CH3, CH4, Add, Invert Subtract, X-Y
Vert. Accuracy	3.0%	3.0%	3.0%	3.0%
Horizontal Time Base Horizontal Accuracy	5ns/ to 50 sec/div 0.01%	5ns/ to 50 sec/div 0.01%	5ns/ to 50 sec/div 0.01%	5ns/ to 50 sec/div 0.01%
Trigger Source Trigger Modes	CH1,Ch2,EXT Advanced Triggers, External, Pulse width, Video and Trigger Signal Frequency readout	CH1,Ch2,EXT Advanced Triggers, External, Pulse width, Video and Trigger Signal Frequency readout	CH1,Ch2,EXT Advanced Triggers, External, Pulse width, Video and Trigger Signal Frequency readout	CH1,Ch2,EXT Advanced Triggers, External, Pulse width, Video and Trigger Signal Fre quency readout
Digital Storage	1 GS/s sampling rate. 8-bit vert res,2.5K record length, vector & dot accumalate, 11 automatic measurements.	1 GS/s sampling rate. 8-bit vert res,2.5K record length, vector & dot accumalate, 11 automatic measurements.	1 GS/s sampling rate. 8-bit vert res,2.5K record length, vector & dot accumalate, 11 automatic measurements.	1 GS/s sampling rate. 8-bit vert res,2.5K record length, vector & dot accumalate, 11 automatic mea surements.
X-Y Operation	Selectable X-Y operation.	Selectable X-Y operation.	Selectable X-Y operation.	Selectable X-Y operation.
Display Controls	Monochrome LCD display	Color LCD display	Color LCD display	Color LCD display
Other Functions	FFT standard, Autoset Menu, Automatic measure modes, Simple User Interface with analog-style controls,	FFT standard, Autoset Menu, Automatic measure modes, Simple User Interface with analog-style controls,	FFT standard, Autoset Menu, Automatic measure modes, Simple User Interface with analog-style controls,	FFT standard, Autoset Menu, Auto matic measure modes, Simple Use Interface with analog-style control
Power Source Size (HxWxD) Weight Warranty	120/240VAC 5.96x12.75x4.9" 4.4 lbs 3 year	120/240VAC 5.96x12.75x4.9" 4.4 lbs 3 year	120/240VAC 5.96x12.75x4.9" 4.4 lbs 3 year	120/240VAC 5.96x12.75x4.9" 4.4 lbs 3 year
TESSCO Part No.	**418121** NEW	**480127** NEW	**420134** NEW	**484148** NEW
List Price: T-1 Price:	$1,295.00 $1,288.53	$1,295.00 $1,288.53	$1,595.00 $1,587.03	$1,995.00 $1,985.03
Ship lb.: T-2 Price:	12 lb. $1,282.05	12 lb. $1,282.05	12 lb. $1,579.05	12 lb. $1,975.05
Ship kg.: T-3 Price:	5.45 kg. $1,269.10	5.45 kg. $1,269.10	5.45 kg. $1,563.10	5.45 kg. $1,955.10

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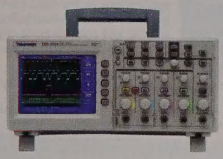
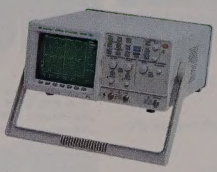
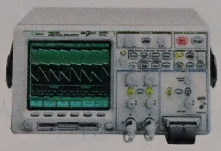
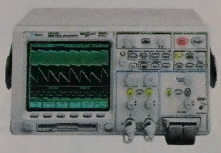
igital
scilloscopes
380-12]

nufacturer ble	Tektronix TDS2024	Instek America GDS-830	Agilent Technologies 54622A	Agilent Technologies 54621A
				
oduct Narrative	200 MHz Color LCD Display, real-time performance, Ease of use with Autoset Menu Waveform Selection. Includes: 4 - P2200 Probes, manual, power cord and NIST certification.	100 MHz digitizing scope with 14 Auto Measure functions for quick accurate measurements	Two Channels bring all the benefits of MegaZoom deep memory, high definition display, and flexible triggering. Unit includes manuals, two 10:1 divider probes with data readout and Intui-link Software RS-232 Cable.	4 Channel Oscilloscope has all the benefits of MegaZoom deep memory, high definition, and flexible triggering. Accessories include: power cord, divider probe, accessories pouch, front panel cover and IntuiLink software.
dwidth, Type	200 MHz, Bench/portable DSO	100 MHz	100 MHz	100 MHz
t. Bandwidth t. Rise Time t. Impedance t. Max. Input	200 MHz/4 channel	100 MHz 3.5nS 1Mohm 300 V	100 MHz 5ns/div to 50s/div 1 Mohm 300Vrms, 400 Vpk	100 MHz 5ns/div to 50s/div 1 Mohm 300Vrms, 400 Vpk
t. Modes	CH1, CH2, CH3, CH4, Add, Invert, Subtract, X-Y		CH1, CH2, Add, Invert, Subtract, X-Y	CH1, CH2, CH3, CH4, Add, Invert, Subtract, X-Y
t. Accuracy	3.0%	3%	+/-2.0%	2% Full Scale
izontal Time Base izontal Accuracy	2.5ns/ to 50 sec/div 0.01%	2nS to 5S/DIV .01%	5ns/div to 50 s/div 2%	5ns/div to 50 s/div 2%
ger Source ger Modes	CH1,Ch2,EXT Advanced Triggers, External, Pulse width, Video and Trigger Signal Frequency readout	CH1,CH2,LINE,EXT AUTO,NORM,SINGLE,TV,TIME-DELAY,EVENT DELAY	CH1,CH2,LINE,EXT AUTO,NORM,SINGLE,TV,TIME-DELAY,EVENT DELAY	CH1,CH2,LINE,EXT AUTO,TRIGGERED(NORMAL)
tal Storage	2 GS/s sampling rate. 8-bit vert res,2.5K record length, vector & dot accumalate, 11 automatic measurements.	125k words per channel	Internal Floppy Disk 1.44Mb 8 MegaZoom	Internal Floppy Disk 1.44Mb 8 MegaZoom
Operation	Selectable X-Y operation.	CH1/CH2	CH1/CH2	CH.1,CH.2, CH.3, CH.4
lay Controls	Color LCD display	Intensity & Contrast	High Resolution Display	High Definition Resolution
er Functions	FFT standard, Autoset Menu, Automatic measure modes, Simple User Interface with analog-style controls,		Built in 5 digit frequency counter on any channel	Built in 5 digit frequency counter on any channel
er Source (HxWxD) ght ranty	120/240VAC 5.96x12.0x4.75" 3.25 lbs 3 year	100vac to 240vac 13x6x15 16 2 yr	100vac to 240vac 12"x6.7"x12.4" 14 3 years	100vac to 240vac 6.7"X12"X12.4" 14lbs. 3 years
SSCO Part No.	**419174** NEW	**416196**	**471330** NEW	**442366** NEW
Price: T-1 Price:	$2,795.00 $2,781.03	$1,695.00 $1,652.63	$3,295.00 $3,295.00	$5,132.00 $5,132.00
lb.: T-2 Price:	12 lb. $2,767.05	25 lb. $1,635.68	25 lb. $3,291.71	20 lb. $5,126.87
kg.: T-3 Price:	5.45 kg. $2,739.10	11.36 kg. $1,618.73	11.36 kg. $3,288.41	9.09 kg. $5,121.74

Signal Analysis

N = New Listing. Pricing for reference only.
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Handheld Oscilloscopes [680-13]

If you are purchasing these, you may need:

Tool Kits, Complete . . . . . page 1523
Equipment Protection Cases . . . . . page 1537

TekScope Series

58689 16786

The TekScope represents a new benchmark in high performance, previously unavailable in handheld scopes.

- Oscillosope Features:
- Dual Channel
- 2500 point record length
- Horizontal and Vertical Cursors
- Autorange in volts/div, time/div, trigger level
- Automated Measurements
- Multimeter Features:
- 3-3/4 Digits
- 4000 Counts
- DC/AC volts from 4V to 1000V
- Resistance with Continuity Beeper
- True RMS
- Min/Max Alarms
- General Features:
- Non-Volatile storage for 10 waveforms
- 10 Setups
- 10 DMM screens
- RS232 Interface
- Battery and AC charger included

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
58689 1 EACH	Tektronix THS720P 3 yr	100MHz O'scope, DMM and Power Meter. Measures harmonics,real & apparentpower. Motor trigger. RS-232 interface. FREE A621 Current probe. Bright white display. Rechargeable battery.	3,495.00 11 5	3,477.53 3,460.05 3,425.10
82856 1 EACH	Tektronix THS720A 3 yr	100MHz, 500 mega sample digital real time scope with external trigger, enhanced video trigger and more powerful DMM.	3,295.00 10.28 4.67	3,278.53 3,262.05 3,229.10
16786 1 EACH	Tektronix THS730A 3 yr	200MHz, 500 mega sample digital real time scope with external trigger, enhanced video trigger and more powerful DMM.	3,695.00 5.94 2.7	3,676.53 3,658.05 3,621.10
47480 1 EACH	Tektronix THS730A3B 3 Years	200MHz, 500 mega sample digital real time scope with external trigger, enhanced video trigger and more powerful DMM. Includes the Accessory Pack option.	3,930.00 8 3.64	3,910.35 3,890.70 3,851.40

Fluke 190 Series ScopeMeters

59197

Fluke 190 Scopemeter, A DMM combined with an Oscilloscope for waveform analysis.

- Vertical Control: 5 mV/div to 100 V/div
- 3-2/3 digit 5000 count True RMS DMM
- Trend Plot Recorder
- Full screen width waveform in scope and meter mode
- Measurement Menus
- Continuous Auto-set
- High contrast backlit LCD screen
- 24 Automatic waveform measurements
- 10 Scope memories of two waveforms and setup
- Recorder mode captures 100 screens
- 100x zoom
- 1000 V isolated inputs
- NiMH battery powered with AC adapter/charger
- Includes battery, charger, two probes and probe accessories

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
41363 1 EACH	Fluke 192/003 3 yr	Handheld Scopemeter Dual Input 60MHz with voltage adapter, battery pack, scope probes, and test leads	1,995.00 9 4.09	1,993.01 1,965.08 1,919.19
41378 1 EACH	Fluke 196/003 3 Years	Handheld Scopemeter Dual Input 100MHz with voltage adapter, battery pack, scope probes, and test leads	2,295.00 9 4.09	2,292.71 2,260.58 2,207.79
41410 1 EACH	Fluke 199/003 3 Years	Handheld Scopemeter Dual Input 200MHz with voltage adapter, battery pack, scope probes, and test leads	2,595.00 9 4.09	2,592.41 2,556.08 2,496.39
59197 1 EACH	Fluke SCC190-EFG 3 yr	Accessory Kit for 190 series Oscillscopes includes: FlukeView Windows Software, RS-232 Interface and Hard Case	415.00 7.55 3.43	414.59 408.78 399.23

Fluke Color Scopemeter 190C Series

444189 467180

The New ScopeMeter 190C series with large, high-resolution, co screen and new Digital Persistence mode gives you an even bette view of complex waveforms in the most demanding troubleshoot applications in the field. Fast display update rate for seeing dynam behavior instantaneously, Stop-on-Trigger in ScopeRecord mode storing and analyzing pre-trigger waveform data. Automatic captu and replay of last 100 screens.

- Dual Input Color Oscilloscope with full function true RMS DMM
- Bandwidths: 100MHz and 200MHz
- Waveform Mathematics, and ScopeRecord (27,000 points) modes
- Automatic capture of 100 screens for manual or continuous replay
- Full DMM functions: 5000 counts, VDC, VAC, Ohms, Continuity, Diode test, Amps (AC & DC)
- Display: Bright LCD with CCFL backlight (4.5" x 3.4")
- Dimensions: 10.1" x 6.6" x 2.5", weight: 4.3 lbs.
- Power: line power 120VAC, Battery NiMH 4 hour life and charge time
- Options: FlukeView Software with cable (SCC-190 AC/DC current probes, Temperature probe, Hard and Soft carry case, Test leads.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 444189 1 EACH	Fluke 196C/003 3 Years	Handheld Color Scopemeter Dual Input 100MHz with voltage adapter, battery pack, scope probes, and test leads	2,699.00 15 6.82	2,696.3 2,658.5 2,596.4
NEW 467180 1 EACH	Fluke 199C/003 3 Years	Handheld Color Scopemeter Dual Input 200MHz with voltage adapter, battery pack, scope probes, and test leads	2,999.00 15 6.82	2,996.0 2,954.0 2,885.0

ScopeMeter 123

15660 84029

- 20 MHz bandwidth
- 25 Megasamples/sec
- 1.25 Gigasample/s repetitive
- 5 mV/div to 500 V.div
- Superior triggering with 7modes + Video
- 10 direct measurement functions
- 2 screen and 10 setup user memories
- Dual input 5000 Count Autoranging DMM
- 500 mV to 1250V True RMS
- Measures both AC and DC concurrently
- Diode Test
- dBv, dBm, Crest Factor, Ohms, Continuity
- 16 day trendplot records data
- Battery and AC adapter included
- Optional PM 8919 required for full 20 Mhz "connec and View" hands off operation

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
46487 1 EACH	Fluke 123/003 3 yr	20MHz Dual Scope/DMM, Includes: line adapter, battery pack andtest leads	1,199.00 5 2.27	1,197.8 1,181.0 1,153.4
15660 1 EACH	Fluke FLK123/003S 3 yr	20 MHz DualScope/DMM. SSC option included: Hard case, RS-232 cable BNC adapter and Fluke View software.	1,509.00 5 2.27	1,507.5 1,486.3 1,451.6
84029 1 EACH	Fluke SCC120E 3 yr	SSC120 option includes Hard-Shell carrying case, optically isolated RS-232interface cable, shieldedBNC adapter, and FlukeView for ScopeMeter software.	310.00 5 2.27	309.69 305.35 298.22

Fluke ScopeMeter Accessories

41412 41414

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
41412 1 EACH	Fluke C195 1 Year	Soft carrying case for the 190 Series ScopeMeter.	124.00 3.1 1.41	123.38 122.14 120.90
41414 1 EACH	Fluke C190 1 yr	Hard carrying case for the 190 Series ScopeMeter. Room for standard and optional charger and accessories.	140.00 6.95 3.16	139.30 137.90 136.50

TESSCO TECHNOLOGIES®
NORTH AMERICA 800-472-7373
REST OF WORLD +1 410-229-1200
FAX 410-527-0005
WWW.TESSCO.COM
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Oscilloscope Probes [680-14]

0 X Probes

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
964 ACH	Tektronix P6117 1 yr	10X, 200MHz probe, 2 meters). For use with oscilloscopes.	145.00 0.25 0.11	144.28 143.55 142.83
414 ACH	Tektronix P6111B 1 yr	10X, 200MHzprobe, (2 meters).	180.00 0.25 0.11	179.10 178.20 177.30
886 ACH	Tektronix P6109B 1 yr	10X, 150MHz probe, (2 meters).	125.00 0.25 0.11	124.38 123.75 123.13

vitchable 1x/10x Probes

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W	Tektronix	1X/10X 200 MHZ probe	99.00	98.51
846 CH	P2200 1yr		0.5 0.23	98.01 97.52
09 CH	BK Precision PR-33A 1 year	90 MHz, 10:1 direct probe with BNC male termination	33.00 0.5 0.23	33.00 33.00 33.00
124 CH	Instek America LF-210E 2 yr	1x/10x 100 MHz Oscilloscope Probe	30.00 1 0.45	29.25 28.95 28.65

Digital Phosphor Oscilloscopes [680-15]

If you are buying these, you may need:

Tool Kits, Complete. . . . . page 1523
Equipment Protection Cases. . . . . page 1537

Tektronix TDS3000B 100MHz to 500MHz DPO

DPO Technology provides a new level of insight into complex signals. DPOs' display, store and analyze in real-time three dimensions of signal information: amplitude, time and distribution of amplitude over time. Fast waveform capture and update rates make it easier to capture and display infrequent waveforms or waveform variations. The intensity graded color display provides information about the frequency of occurence of signal amplitude and widths. This helps you locate and characterize waveform anomalies that can be elusive on traditional digital storage oscilloscopes. WaveAlert enhanced troubleshooting ability to detect waveform anomaly, and monitor incoming signals on all channels and will detect and highlight any waveform that deviates form the normal waveform being acquired.

- Full Color VGA LCD Display, QuickMenu Graphical User Interface (GUI)
- Applications: Telecommunications manufacturing and field testing (for PABX systems, Telephone/data switches, cellular phones, cable TV/satellite receivers and modems), Digital Design and Debug, Video Installation and Service, Power Supply Design
- Standard Features: Floppy Disk Drive, FFT Fast Fourier Transfer, Advance Triggering (Pattern, State, Pulse Width, Runt, and Slew Rate) Built-in Ethernet, and Centronics Port, WaveAlert
- Optional Application Modules:
- TDS3TMT: Telecom Mask Testing (Pass/Fail test for Telecommunications compliance Testing)
- TDS3AAM: Advanced Analysis Module define wavefroms as arbitray math expressions, advanced mathematical functions, Area and Cycle Area differentiation and intergration functions
- TDSPRT: Portable document capability, plugs directly into the back ofthe TDS3000/B for hard copy screen prints
- Options: Soft Case, High Voltage Probes, WaveStare Software (48829), Voice Link, Rackmount Kit, and Fast Battery Charger
- Dimensions: 14.8" x 6.9" x 5.9" Weight: 7 lbs.
- Power: 115Vac, 60Hz Optional NiCad Battery Pack
- Each unit Includes: Manual, Reference guide, CD, FFT, TRG, front cover, accessory tray, power cord, Certification of calibration

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Bandwidth Channels, Sample Rate	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
454159 1 EACH	Tektronix TDS3012B 3 year	DSO, Includes: P3010 10x Probes 100 MHz BW limit 20MHz 2 Channels Sample Rate 1.25 GS/s	3,795.00 13.5 6.14	3,776.03 3,757.05 3,719.10
415191 1 EACH	Tektronix TDS3014B 3 year	DSO, Includes: 4 P3010 10x Passive Probes 100 MHz BW limit 20MHz 4 Channels Sample Rate 1.25 GS/s	4,595.00 13.5 6.14	4,572.03 4,549.05 4,503.10
468117 1 EACH	Tektronix TDS3032B 3 year	DSO, Includes: 2 P6139A 10x Probes. 300 MHz BW limit 20, 150MHz 2 Channels Sample Rate 2.5GS/s	4,995.00 25 11.36	4,970.03 4,945.05 4,895.10
410173 1 EACH	Tektronix TDS3034B 3 year	DSO, Includes: 4 P6139A 10x Probes. 300 MHz BW limit 20MHz, 150MHz 4 Channels Sample Rate 2.5GS/s	6,795.00 25 11.36	6,761.03 6,727.05 6,659.10
414115 1 EACH	Tektronix TDS3052B 3 year	DSO, Includes: 2 P6139A 10x Passive Probes 500 MHz BW limit 20MHz, 150MHz 2 Channels Sample Rate 5 GS/s	8,195.00 25 11.36	8,154.03 8,113.05 8,031.10
483172 1 EACH	Tektronix TDS3054B 3 year	DSO, Includes: 4 P6139A 10x Passive Probes 500 MHz BW limit 20MHz, 150MHz 4 Channels Sample Rate 5 GS/s	9,995.00 25 11.36	9,945.03 9,895.05 9,795.10
474149 1 EACH	Tektronix TDS3AAM 1 year	Advanced Analysis Module	510.00 1 0.45	507.45 504.90 499.80

Signal Analysis

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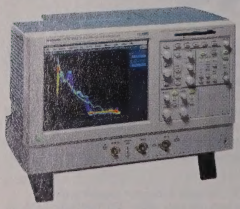
Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Bandwidth Channels, Sample Rate	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
71158 1 EACH	Tektronix TDS3TMT 1 year	Telecom Mask Testing Application Module adds pass/fail mask testing for telecommunications standards compliance.	1,025.00 4 1.82	1,019.88 1,014.75 1,004.50
NEW 414156 1 EACH	Tektronix TDS3GV 3 years	Tektronix GPIB/RS-232 VGA Output Communications Module with programmers. Standard Hardcopy Port, full talk/listen modes. Monitor output for direct display on large VGA-equipped monitors.	405.00 4 1.82	402.98 400.95 396.90
439174 1 EACH	Tektronix TDS3PRT 1 year	Plug-in Thermal Printer, for hard copy screen prints	615.00 5 2.27	611.93 608.85 602.70
21765 1 EACH	Tektronix P5205 1 year	1.3KV, 100MHz High voltage differential probe.	1,035.00 1 0.45	1,029.83 1,024.65 1,019.48
84180 1 EACH	Tektronix AC3000 1 year	Soft Padded Carrying Case with accessory pouch	170.00 3 1.36	169.15 168.30 167.45
96882 1 EACH	Tektronix TDS3BAT 1 year	NiCad Rechargeable Battery Pack	395.00 5 2.27	393.03 391.05 387.10
NEW 43737 1 EACH	Tektronix P6139A 1 year	Oscilloscope Probe: 10x, 500 MHz probe, with 4.25 Ft. cable 500MHz	325.00 1 0.45	323.38 321.75 320.13

Tektronix TDS5000 1GHz DPO



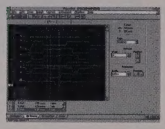
The TDS5000 Series DPO delivers up to 1 GHZ bandwidth, 5 GS/s real-time sample rate, 8 MB record length (optional) and 100,000 wavefrom capture rate. This perfromance, along with an industry-leading suite of advanced triggers, intuitive user interface, and an open Microsoft Window platform, all in a compact bench-top package. The large 10.4" display and extensive use of intuitive icons create a highly visual environment with explicit illustration of instrument features.

- Features: 500 MHz and 1 GHz Bandwiths
- Open Microsoft Windows Architecture delivers Built-in Connectivity
- Fast Ethernet connections to printers, Internet, external PCs and othe LAN devices
- Triggers: Video and Window, Logic Runt, Edge, Width, Pattern, Glitch, Transition, State, Timeout and Setup/Hold Triggers
- Applications: Spectral Analysis, Power Measurements advanced math and math-on-math, Jitter and Timing Anlysis, Transient Phenomena, Video Design and Debug, DVD Analysis
- Standard Features Include: CPU (800 MHz), Hard Disk Drive (10MB), CD-ROM, Analog Style knobs, for each channel, Graphical Pull down menus, Parallel, Audio, USB, Keyboard, Mouse, LAN (RJ45), Serial, SVGA, GPIB and VGA Ports
- Options Include: CD-RW Drive, Touch-screen interface, Built-in thermal printer, 8MB sample rate,

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Bandwidth Channels, Sample Rate	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 487156 1 EACH	Tektronix TDS5052 3 year	DSO, Includes: 2 P5050 500MHz, 10x Probes 500 MHz BW 150MHz or 20MHz 2 Channels Sample Rate 5 GS/s	10,990.00 13.5 6.14	10,935.05 10,880.10 10,770.20
NEW 463187 1 EACH	Tektronix TDS5054 3 year	DSO, Includes: 4 P5050 500MHz, 10x Probes 500 MHz BW 150MHz or 20MHz 4 Channels Sample Rate 5 GS/s	13,490.00 13.5 6.14	13,422.55 13,355.10 13,220.20
NEW 466186 1 EACH	Tektronix TDS5104 3 year	DSO, Probes sold seperatly 1 GHz BW 150MHz or 20MHz 4 Channels Sample Rate 5 GS/s	16,490.00 13.5 6.14	16,407.55 16,325.10 16,160.20
NEW 52939 1 EACH	Tektronix K420 1 year	Oscilloscope Cart	925.00 0.25 0.11	920.38 915.75 911.13
NEW 473171 1 EACH	Tektronix 016-188-700 1 year	Rackmount Kit for TDS5000	410.00 12 5.45	407.95 405.90 401.80

Oscilloscope Accessories [680-20]

Tektronix Wavestar Software



Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
48829 1 EACH	Tektronix WSTRO 1 yr	Wavestar software allows the user to record Tektronix digital storage Oscilloscope measurements. Windows 95/ NT 4.0 compatible.	330.00 0.5 0.23	328.3 326.7 325.0

Carry Cases for Scopes

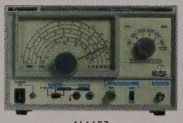
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 43883 1 EACH	Tektronix AC220 1 Year	large nylon soft case for the TDS1000/2000 series	75.00 3 1.36	74.63 74.25 73.88
73541 1 EACH	BK Precision LC210A	Soft-sided carrying case for BK models 2522A and 2560.	109.00 1 0.45	107.9 106.8 105.1

Signal Generators [720-30]

If you are purchasing these, you may need:

Workbenches, Complete w/ Accessories . . . . . page 1648
Conductive Mats and Kits . . . . . page 1688

RF/Audio Signal Generator 150MHz



416153

- RF/Audio Signal Genertor 100KHz to 150MHz six bands
- Output to 450MHz on Harmonics
- AM modulation, internal or external
- Frequency monitor output for external frequency counter
- RF output level: Continuously variable, Step attenuator with 20dB of attenuation
- Main Output: 100mV rms to 35MHz
- Power: 120/220/240Vac, 50/60Hz
- Dimensions: 5.9" x 9.9" x 5.1" Weight: 5.5 lbs.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
416153 1 EACH	BK Precision 830 1 year	RF/Audio Generator 150MHz, 45MHz on Harmonic Includes: BNC to Insulated Clip Cable, power cord and manual.	275.00 5 2.27	272.25 269.50 265.38

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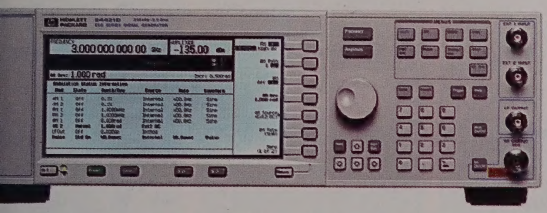
ilent Synthesized Signal Generator

The Agilent Synthesized RF Signal Generator is ideal for manufacturing high volume products such as cordless telephones, pagers, and two-way radios. Designed for semi-automated receiver test, and a variety of general purpose applications. Built to stringent quality standards, promoting reliability and measurement repeatability. The simplistic design of the front panel shortens the operator's learning curve and increases productivity.

- uency Range:from 9kHz to 4000 MHz, depend- on model
- uracy: +/- 3 x 10-6 X carrier frequency (Hz)
- ility: +/-2 ppm/yr
- monics: LT -30 dBc
- plitude Range:+10 to -136 dBm
- plitude Resolution: 0.1 db
- plitude Accuracy: +/- 1.5db
- Superior Level Accuracy
- FM Internal rates: 400 Hz to 1 kHz
- FM External DC Rates: DC to 75 kHz
- FM External AC Rates:1 Hz to 75 kHz
- Wide frequency and output coverage
- Remote and memory interfaces
- Electronic Attenuator

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
88 CH	Agilent Technologies 8648A-1E5 1 year	Agilent 8648A Signal Generator with High Stability +/- 0.1 ppm/yr timebase . Frequency range 100 kHz to 1000 MHz	6,876.00 30 13.64	6,876.00 6,869.13 6,862.25
81 CH	Agilent Technologies 8648B-1E5 1 year	Agilent 8648B Signal Generator with High Stability +/- 0.1 ppm/yr timbase .Frequency range 9 kHz to 2000 mHz	8,454.00 30 13.64	8,454.00 8,445.55 8,437.10
74 CH	Agilent Technologies 8648C-1E5 1 year	Agilent 8648C Signal Generator with High Stability +/- 0.1 ppm/yr timebase . Frequency range 9 kHz to 3200 MHz	10,021.00 30 13.64	10,021.00 10,010.98 10,000.96
64 CH	Agilent Technologies 8648D-1E5 1 yr	Agilent 8648D Signal Generator with High Stability +/- 0.1 ppm/yr timebase . Frequency 9kHz to 4000 MHz	11,578.00 30 13.64	11,578.00 11,566.43 11,554.85

alog RF Signal Generator



Agilent Analog RF Signal Generator offers excellent performance with superior quality and ility. It provides excellent frequency and level control and wide analog modulation capabil- It is ideally suited to meet the demanding requirements of today's receiver test, compo- test, and local oscillator applications. Designed for long-term dependability, which mizes productivity, throughput and uptime.

- ency Range: 250 kHz to 4 GHz, depending on el
- ty: +/-1 ppm/yr
- onics:LT -30 dBc
- aximum Deviation: 10 MHz to 40 MHz, nding on model
- ates-FM1: DC to 10 MHz
- ates-FM2: DC to 1 MHz (typical)
- AM Range: 0 to 100%
- AM Resolution:0.1 %
- Output Power:-136dBm to +13dBm
- Built in function generator, generate sine,square,ramp,triangle,pulse and noise
- Electronic attenuator increases accuracy and repeatability

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
9 H	Agilent Technologies E4422B 3 yrs	Agilent E4422B Analog RF Signal Generator. 250 kHz to 4 GHZ.	12,774.00 30 13.64	12,774.00 12,761.23 12,748.46

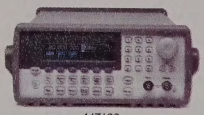
Ramsey RSG1000 Signal Generator

52065

- Frequency Range:100 kHz - 999.9999 MHz
- Stability: +/-1 ppm/yr
- Harmonics: LT -30 dBc
- Resolution: 10Hz continuous testing
- Spectral Purity: Harmonics -30 dBc typical; non-harmonics -50dBc typical
- Residual FM: 5Hz typical, 0.3-3KHz detection BW
- Residual AM: -60dBc (>10 KHz from carrier) 0.3 - 3KHz detection BW
- Output Level: -130 to +10 dBm
- Level Accuracy: +/- 1dB (<0dBm); >0 dBm output, +/- 1.5 dB (>5 MHz)
- Level Units:dBm, dBmV, dBmuV, uV
- Reverse Power Protect: 25 watts, 50VDC
- Leakage: 1uV (2 turn loop, 1in dia., 1 in distance)
- Frequency Modulation: 0-99.9 KHz in 0.1 KHz steps
- AM Modulation: Depth: 0-90% in 1% steps
- Modulation sources: Internal 1KHz derived from reference. External 600 ohm impedance, level LEDs to indicate correct 1 Volt p-p input level
- Display: Blue vacuum flourescent, 2line, 20 characters per line
- Memory: 40 full front panel setups. 10 year retention
- Power: 90 to 230VAC, 50/60 Hz

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
52065 1 EACH	Ramsey Electronics RSG-1000B 1 yr	RSG-1000B signal generator, 0.5dB Level Accuracy, 90 memory setups	1,995.00 16 7.27	1,995.00 1,995.00 1,985.03

Agilent Function Waveform Generators



447122

The 33120A and 33250A offers a compliment of standard functions, with arbitrary waveforms, 12 bit resolution 40 MS/s sample rate (33120A) or 200 MS/s (33250A). In addition the 33250A can generate pulse waveforms up to 50 MHz with variable edge time. Built-in modulation capabilities and both linear and log sweeps. External clock reference timebase increases frequency stability while generating phase-offset signals.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 492039 1 EACH	Agilent Technologies 33120A/OPT 1 3 yrs	15 MHz Function/Arbitrary Waveform Generator Includes: RS-232 & GPIB interfaces w/Opt. 1 Phase Lock TCXO Timebase	2,216.00 15 6.82	2,216.00 2,213.79 2,211.57
NEW 447122 1 EACH	Agilent Technologies 33250A 3 yrs	80 MHz Function/Arbitrary Waveform Generator. Includes: RS-232 & GPIB interfaces	4,413.00 15 6.82	4,413.00 4,408.59 4,404.18

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Handheld Frequency Counters [740-10]

Manufacturer Table	Optoelectronics, Inc. CUB	Optoelectronics, Inc. M1	Optoelectronics, Inc. CD100	BK Precision 1875
Product Narrative	Frequency counter (1MHz to 2.8GHz). Eight selectable gate times. Time base accuracy 1 ppm.Sensitivity 5mV to 200mV. Antenna purchased seperately.	Microprocessor based counter. with digital filter, auto capture and computer I-face. 10 gate times. Sensitivity 1mV to 20mV. Backlight. Antenna optional.	The Multicounter combines a frequency counter and tone decoder in one handheld package. Quickly check frequency and tone, verify radio operation. Two line by 16 character backlit LCD display. Internal frequency/tone memory can be downloaded to PC with optional Optolinx interface. 100Hz resolution. Reads CTCSS, DCS, LTR, and DTMF. With optional hardware and software it can reaction-tune Icom R10, R7000, R7100, R8500, R9000, AOR AR8000, AR8200, and Optoelectronics Optocom, R11, OS456, OS456Lite, and OS535 receivers.	Hand-held portable counter for field use. High sensitivity for VHF and UHF frequencies, wide range measurements up to 2.5 GHz, wit Data hold, relative, and memory functions (Max, Min, and Average readings)e
Type	Handheld	Handheld	Handheld	Handheld
Measurement Range	1 MHz - 2.8 GHz	10 MHz - 2.8 GHz	10 MHz - 1 GHz	10 Hz - 2.5 GHz
Display	10 Digit LCD	10 Digit LCD	Two Line x 16 backlit LCD	8 Digit LCD
Bargraph	N/A	16 segment	N/A	16 segment
Freq. Range Max in. A	1 MHz-2.8 GHz/15dBm	10 Hz-50 MHz/15dBm	+15 dBm (50 mW), 50V (AC+DC)	10 Hz - 2.5 GHz
Input Impedance (Input A)	50 ohms	1M ohm	50 Ohm	1 M ohm
Time Base Frequency (Input A)	10MHz	10MHz	10 MHz	N/A
Time Base Accuracy (Input A)	+/- 1 ppm	+/- 1 ppm	2.5 ppm	+/- 4 ppm
Gate Period (Input A)	.01s/100Hz, .1s/10Hz, 1s/1Hz, 10s/0.1Hz	100us, 1/10ms, .1/1/10s. Res:10kHz-0.1Hz		N/A
Freq. Range Max in. B	N/A	10 MHz - 2.4 GHz		N/A
Input Impedance (Input B)	N/A	50 ohm		N/A
Time Base Frequency (Input B)				N/A
Time Base Accuracy (Input B)		+/-1 ppm		N/A
Gate Period (Input B)	N/A	640/64ms,.64/6.4s Res: 10kHz-10Hz		N/A
Features	Gate period is switch selectable. Auto capture and digital filter.	RS232 interface optional.		
Power Source	4 AA cells. AC adapter included	9 VDC. AC adapter/charger included.	NiCd Battery. AC adapter/charger included.	4 AA cells. AC adapter Optional AC adapter
Size (HxWxD)	3.7" x 2.75" x 1.2"	4.9" x 2.8" x 1.4"	3.0"W x 5.25"H x 1.5"D	6.8" x 3.1" x 1.4"
Weight	0.56 lbs	1 lb	12 oz	12 oz.
Warranty	1 year	1 year	1 year	1 year
TESSCO Part No.	**49073**	**70995**	**14377**	**488099** NEW
List Price: / T-1 Price:	$159.00 / $159.00	$269.00 / $269.00	$450.00 / $450.00	$249.00 / $249.00
Ship lb.: / T-2 Price:	1.3 lb. / $158.83	0.98 lb. / $264.97	1.65 lb. / $443.25	5 lb. / $249.00
Ship kg.: / T-3 Price:	0.59 kg. / $158.83	0.45 kg. / $264.71	0.75 kg. / $441.18	2.27 kg. / $249.00

TESSCO TECHNOLOGIES

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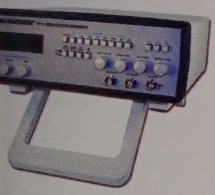
Bench Top Frequency Counters [740-12]

If you are purchasing these, you may need:

Workbenches, Complete . . . . . page 1649
Conductive Mats and Kits . . . . . page 1688

unction Generator



atures Include:
equency Range: 0.5Hz to 5MHz
aveforms: Sine, Square, Triangle, Pulse, & Ramp
tput
rse and Fine Tuning

- 4-Digit LED Display
- Power: 120/230VAC 50/60Hz
- Dimensions: 4.5" H x 11.75" W x 10.37" D

t No. /Uom	Manufacturer Mfg. P/N Warranty	Measurement Range Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
3085 ACH	BK Precision 4011A 1 year	0.5Hz to 5 MHz Function Generator 0.5 to 5 Mhz 4 Digit LED display Includes: Output cable BNC to Alligator clips and manual.	315.00 10 4.54	291.38 288.23 283.50

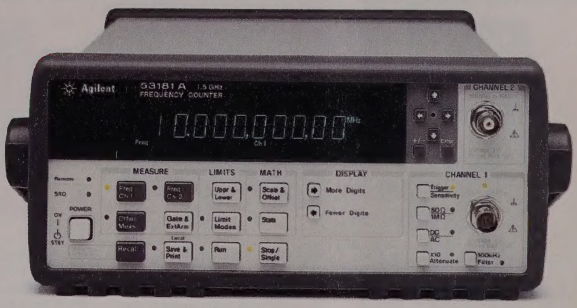
veep/Function Generator w/Counter

tures Included:
quency Range: 0.2 Hz to 20MHz
igit LED Display
& FM Modulation

- Waveforms: Sine, Square, Triaangle, +/- Pulse, +/- Ramp
- External Frequency Counter from 5Hz to 30MHz
- Power: 120/230VAC 50/60Hz
- Dimensions: 5.5"H x 11.75" W x 10.57" D Weight 4.5 lbs.

No. Uom	Manufacturer Mfg. P/N Warranty	Measurement Range Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
052 CH	BK Precision 4040A 1 Year	0.2 Hz to 20MHz Sweep/Function Generator with Counter 0.2 to 20 Mhz 5 Digit LED display Includes: Output cable BNC to Alligator clips and manual.	559.00 10 4.54	517.08 511.49 503.10

Agilent DC to 12.4GHz Frequency Counters



High-performance, counters simplify systems and bench frequency measurements. Fast, Versatile universal counters, the Agilent 53131A/32A perform a wide variety of time and frequency measurements at speeds up to 200 measurements per second via GPIB. Automated limit tests and extensive analysis features help to locate detailed answers quickly. The technology of modulation domain analyzers allows the counters to gather more data for each measurement, offering higher resolution measurements in a fraction of the time it takes other counters. The value-priced 53181A counter is optimized for RF applications, measures frequency, period and peak voltage.

- Standard Bandwidth: 225MHz, with optional 1.5, 3, 5, or 12.4 GHz
- Features: GPIB interface and Intuilink connectivity software allows easy access to data from your PC
- Automatic limit testing, math (scale and offset), statistics (minimum, maximum, mean, and standard deviation)
- Save and Recall up to 20 instrument setups
- Models 53131A/32A Measures: Frequency, ratio, time interval and average, period, rise/fall time, positive/negative pulse width, duty cycle, phase, totalize, peak voltage, and time interval delay
- Model 53181A Measures: Frequency, ratio (Opt. Channel 2), period, peak voltage
- Options: Medium or High-stability timebase, Rack Mount Kit, Hard Case (sku 73299), Accessory Pouch, and BenchLink Software
- Dimensions: 3.5" x 8.4" x 13.8" Weight 8 lbs.
- Power: 100 to 120VAC, 50, 60 or 400 Hz: 220 to 240, 50 to 60 Hz

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Measurement Range Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 458176 1 EACH	Agilent Technologies 53181A/015ABA 3 years	DC to 225 MHz and 100KHz to 1.5GHz (-27dBm to +19dBm) Frequency Counter 10 Digits, Dual Channel	2,148.00 12 5.45	2,148.00 2,145.86 2,143.71
NEW 443183 1 EACH	Agilent Technologies 53181A/124ABA 3 years	DC to 225 MHz and 200KHz to 12.4GHz (-23dBm to +13dBm) Frequncy Counter 10 Digits, Dual Channel	4,229.00 12 5.45	4,229.00 4,224.78 4,220.55
NEW 452186 1 EACH	Agilent Technologies 53181A/030 3 years	DC to 225 MHz and 100KHz to 3GHz (-27dBm to +19dBm) Frequency Counter 10 Digits, Dual Channel	2,566.00 12 5.45	2,566.00 2,563.44 2,560.87
NEW 414366 1 EACH	Agilent Technologies 53181A/010/ 124ABA 3 years	DC to 225 MHz and 200KHz to 12.4GHz (-23dBm to +13dBm) Frequncy Counter 10 Digits, Dual Channel w/ High-stability timebase	5,176.00 12 5.45	5,176.00 5,170.83 5,165.65
NEW 495195 1 EACH	Agilent Technologies 53131A/030ABA 3 years	DC to 225 MHz and 100KHz to 3GHz (-27dBm to +19dBm) Frequncy Counter 10 Digits/500ps time interval, Dual Channel	2,806.00 12 5.45	2,806.00 2,803.20 2,800.39
NEW 451153 1 EACH	Agilent Technologies 53132A/030ABA 3 Years	DC to 225MHz and 100MHz to 3 GHz (-27 dBm to +13 dBm) Frequency Counter 12 Digits/150ps time interval, Dual Channel	3,832.00 12 5.45	3,832.00 3,828.17 3,824.34
NEW 437107 1 EACH	Agilent Technologies 53132A/124ABA 3 Years	DC to 225MHz and 200MHz to 12.4 GHz (-23 dBm to +13 dBm) Frequency Counter 12 Digits/150ps time interval, Dual Channel with type N conn. Ch 2	5,495.00 12 5.45	5,495.00 5,489.51 5,484.01
NEW 452232 1 EACH	Agilent Technologies 34812A/ABA 3 years	BenchLinkMeter Software for RF and Universal Counter	310.00 0.05 0.02	310.00 310.00 310.00

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Agilent CW Microwave Counters

Agilent's 53150 series provides a high performance microwave counters that are at home in the field, bench or ATE environments. Convenience, portability and outstanding performance in a rugged intergrated case with tilting handle that can tolerate the vibration and shock expected in field use. The backlit LCD display ensures visibility in all environments, from dark to full sunlight, at distances exceeding 15 feet. These counters offer powerful functionality measurements including: averaging, arbitrary as well as nulling offsets for both frequency and power, display of power in either dBm, milliwatts and microwatts.

- Frequency Counter: Ranges from 10 Hz to 20GHz, 26.5GHz and 46GHz
- Save and Recall up to 9 complete measurements
- Sample Rate: User-selectable, Fast 20 ms, Medium 250 ms, Slow 1 s and Hold
- Math Functions: Offset, Averaging, and Cable Loss Compensation
- Programming: HP-IB (IEEE-488.1) or RS-232
- Dimensions: 8.3" x 3.48" x 11.82" Weight: 10 lbs., 15lbs with Battery option
- Options: Oven Timebase (001), Battery with DC input (002), and Soft Case
- Includes: Programming and Service manuals and AC power cord.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Measurement Range Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 473133 1 EACH	Agilent Technologies 53150A 1 year	10 Hz to 125 MHz and 50 MHz to 20 GHz Microwave Counter	6,480.00 12 5.45	6,480.00 6,480.00 6,480.00
NEW 479339 1 EACH	Agilent Technologies 53150A/002 1 year	10 Hz to 125 MHz and 50 MHz to 20 GHz Microwave Counter with Battery DC power	7,479.00 12 5.45	7,479.00 7,479.00 7,479.00
NEW 410327 1 EACH	Agilent Technologies 53150A/001 1 year	10 Hz to 125 MHz and 50 MHz to 20 GHz Microwave Counter with High Stability Timebase	7,479.00 12 5.45	7,479.00 7,479.00 7,479.00
NEW 421197 1 EACH	Agilent Technologies 53150A/001/002 1 year	10 Hz to 125 MHz and 20 MHz to 20 GHz Microwave Counter with Battery (DC power) and High Stability Timebase	8,396.00 12 5.45	8,396.00 8,396.00 8,396.00
NEW 446328 1 EACH	Agilent Technologies 53151A 1 year	10 Hz to 125 MHz and 50 MHz to 26.5 GHz Microwave Counter	7,723.00 12 5.45	7,723.00 7,723.00 7,723.00
NEW 428316 1 EACH	Agilent Technologies 53151A/001 1 year	10 Hz to 125 MHz and 50 MHz to 26.5 GHz Microwave Counter with High Stability Timebase	8,722.00 12 5.45	8,722.00 8,722.00 8,722.00
NEW 411335 1 EACH	Agilent Technologies 53151A/001/002 1 year	10 Hz to 125 MHz and 20 MHz to 26.5 GHz Microwave Counter with Battery (DC power) and High Stability Timebase	9,721.00 12 5.45	9,721.00 9,721.00 9,721.00
NEW 461144 1 EACH	Agilent Technologies 53150-80016 1 year	Soft Case for Microwave Counter 53150 series.	220.00 4 1.82	220.00 220.00 220.00

Accessories [740-20]

Antennas

18909 70516

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
18909 1 EACH	Optoelectronics, Inc. RD800 1 yr	400-1300MHz rubber duck antenna, 8.25" long, BNC connector.	49.00 0.1 0.05	49.00 48.27 47.78
70516 1 EACH	Optoelectronics, Inc. RD27 1 yr	26-150 MHz rubber Antenna. 6.75" long. BNC connector.	49.00 0.1 0.05	49.00 48.27 47.78

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 76552 1 EACH	Optoelectronics, Inc. OPTOLINX 1 year	Optolinx software. Universal interface adapts for use with a wide variety of Radios, Scanners, Decoders, Freq. Counters, and recorders	159.00 2 0.91	159.00 158.83 158.83
46393 1 EACH	Optoelectronics, Inc. DB32 1 Year	10 band UHF/VHF antenna 1.75" high, 144/430/900 Mhz Transmit, 10 band receive antenna.	39.00 1 0.45	41.18 41.18 41.18
NEW 475020 1 EACH	BK Precision AT-20 1 year	Telescoping Antenna for Frequency Counters AT-20 with BNC connector 27.5 inch total length	25.00 5 2.27	25.00 25.00 25.00

TESSCO TECHNOLOGIES

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Multimeters and Capacitance Meters

nufacturer ble	Meterman-Wavetek DM73B	Fluke 7-600	Meterman-Wavetek DM78A	Meterman-Wavetek DM2
igital ultimeters 540-10]				
duct Narrative	Fully autoranging w/ 4 programmed voltage & resistance scales. Features probe-hold and continuity tone for accuracy. Includes alligator clip and spare probe tip.	Economical meter automatically chooses AC, DC, or ohms when connected to ciruit under test. Yellow case. 600 Volts. Includes TL75 Hard Point Test Leads.	Fully autoranging w/ 5 voltage & 5 resistance scales. Also features diode& continuity tests.Carrying case & probes included.	Multimeter w/ 16 manual ranges. Can read DC/AC volts, DC current, and resistance. Features diode test.
e olay olution nts graph	Pen-type LCD digital 3.5 digits 4200 N/A	Handheld LCD digital 3.75 Digits 4000 N/A	Credit Card LCD digital 3.5 digits 3200 N/A	Handheld LCD digital 3.5 digits 1999 N/A
q. Range o-Ranging t Impedance	40 Hz - 500 Hz All scales	50Hz - 400 Hz Automatic	40 Hz - 500 Hz All scales	50Hz-500Hz N/A DC-1Mohm, AC-450Kohm
meter Scales (DC) meter Accuracy (DC)	0.1mV to 600V +/-0.7%	40, 400, 600 V 1.5%+1	.320,3.2,32,320,450k	0.2,2,20,200,1000 V 0.8%+/-1
meter Scales (AC) meter Accuracy (AC)	1mV to 600V +/- 1.5%	40, 400, 600 V 2.9%+3	3.2,32,320,450k 2.3%+/-8	200, 500 V 0.8%+/-2
meter Scales (DC) meter Accuracy (DC)	N/A N/A	N/A N/A	N/A N/A	0.2, 2, 20, 200 mA 1.2%+/-1
meter Scales (AC) meter Accuracy (AC)	N/A N/A	N/A N/A	N/A N/A	N/A N/A
meter Scales meter Accuracy	0.1 to 4.2M ohm 0.7% +/- 4	400 ohm 1.5%+2	320,3.2,320k,3.2M,32M 2.0% +/- 4	200, 2k, 20k, 200k, 2M ohm 1.2% +/- 1
uency Counter Scales uency Counter Accuracy	N/A	N/A	N/A	N/A N/A
citor Scales citor Accuracy	N/A N/A	N/A N/A	N/A N/A	N/A N/A
meter Scales meter Accuracy	N/A N/A	N/A N/A	N/A N/A	N/A N/A
- Continuity - Diode - Logic sistor Gain Accuracy	Audible tone N/A N/A N/A	Audible tone N/A N/A N/A	Audible tone Yes,(0.6V,0.6mA) N/A N/A	N/A Yes N/A N/A
r Source	Button Batt. Incl	9V Alkaline	Button Batt.Incl	9V Battery Incl.
HxWxD) ht anty	5.2x1.1x0.7" 2.6 oz (74 grams) 1 year	5.55"x2.75"x1.35" 10 oz. 2 yr	4.25x2.13x0.40 in. 3.5 oz.(99 grams) 1 year	4.7x2.8x1.0 inches 7 oz. 1 year
SCO Part No.	**468189** NEW	**24013**	**84242**	**13456**
rice: T-1 Price:	$49.95 $49.95	$79.00 $78.61	$34.95 $34.95	$29.95 $29.95
b.: T-2 Price:	0.27 lb. $48.46	2 lb. $77.82	0.27 lb. $33.91	1 lb. $29.06
g.: T-3 Price:	0.12 kg. $47.96	0.91 kg. $77.03	0.12 kg. $33.56	0.45 kg. $28.76

Multimeters

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Digital Multimeters [540-10]

Manufacturer Table	Meterman-Wavetek DM5XL	Triplett Triplett 9005	Fluke Fluke 110	Fluke Fluke 111
Product Narrative	Multimeter w/16 manual ranges. Can read DC/AC volts, DC current, and resistance. Features diode and continuity tests.	A quality DMM with a 1 inch display, measures volts, amps, ohms and continuity. This meter can also test diode's and transistors	FLUKE 6000 count handheld multimeter. Analog bargraph, Auto/manual ranging, Diode junction test, backlight, sleep mode, TL75 test leads	FLUKE 6000 count handheld mult meter. Analog bargraph, Auto/ma ual ranging, Diode junction test, backlight, sleep mode, TL75 test leads
Type	Handheld	Handheld	Handheld	Handheld
Display	LCD digital	LCD digital	LCD digital	LCD digital
Resolution	3.5 digits	3.5 digits		
Counts	1999	1999	6000	6000
Bargraph	N/A	N/A	analog	analog
Freq. Range	50Hz-500Hz	N/A	45 - 1KHz	45 - 1KHz
Auto-Ranging	N/A	N/A	All scales	All scales
Input Impedance				
Voltmeter Scales (DC)	0.2, 2, 20, 200, 1000 V	200mv to 1000v	1mV - 600V	1mV - 600V
Voltmeter Accuracy (DC)		.8%	0.7%+/-1	0.7%+/-1
Voltmeter Scales (AC)	200, 500 V	200mv to 750v	1mV - 600V	1mV - 600V
Voltmeter Accuracy (AC)	0.8%+/-2	.8%	1.0%+/-2	1.0%+/-2
Ammeter Scales (DC)	0.2, 2, 20, 200 mA	.02mA to 10A	N/A	0.001A - 10A
Ammeter Accuracy (DC)	1.2%+/-1	1.5%	N/A	1.0%
Ammeter Scales (AC)	N/A	1.8%	N/A	0.01A - 10A
Ammeter Accuracy (AC)	N/A	1.8%	N/A	1.5%
Ohmeter Scales	200ohm,2,20 kohm,200 kohm, 2 Mohm	200 ohm to 200 Mohm	0.1ohm - 40Mohm	0.1ohm - 40Mohm
Ohmeter Accuracy	1.2% +/- 1	1%	0.9%	0.9%
Frequency Counter Scales	N/A	N/A	5Hz - 50KHz	5Hz - 50KHz
Frequency Counter Accuracy		N/A		
Capacitor Scales	N/A	N/A	1nF - 9999uF	1nF - 9999uF
Capacitor Accuracy	N/A	N/A	1.9%	1.9%
dB-meter Scales	N/A	N/A	N/A	N/A
dB-meter Accuracy	N/A	N/A	N/A	N/A
Tests - Continuity	Audible tone	Yes	Audible tone	Audible tone
Tests - Diode	Yes	Yes	Yes (2V,0.5mA)	Yes (2V,0.5mA)
Tests - Logic	N/A		N/A	N/A
Transistor Gain Accuracy	N/A	Transistor Tester	N/A	N/A
Power Source	9V Battery Incl.	9v Battery	9 V Battery Incl.	9 V Battery Incl.
Size (HxWxD)	6.1x2.8x1.3 inches	7.5"x3.5"x1.25"	3x7x11.75 in.	3x7x11.75 in.
Weight	8 oz.	1.0 lb	1.34lb	1.34lb
Warranty	1 year	3 YRS	3 year	3 year
TESSCO Part No.	**51849**	**430030**	**433006**	**431004**
List Price: T-1 Price:	$39.95 $39.95	$49.00 $49.00	$99.00 $98.51	$129.00 $128.36
Ship lb.: T-2 Price:	1 lb. $38.76	1.5 lb. $48.51	1.5 lb. $97.52	1.5 lb. $127.07
Ship kg.: T-3 Price:	0.45 kg. $38.36	0.68 kg. $48.02	0.68 kg. $96.53	0.68 kg. $125.78

TESSCO TECHNOLOGIES®
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Multimeters and Capacitance Meters

e 112	BK Precision 388A	Meterman-Wavetek 10XL	Meterman-Wavetek 15XL	Meterman-Wavetek 16XL
KE 6000 count handheld multi-r. Analog bargraph, Auto/man-anging, Diode junction test, ight, sleep mode, TL75 test	Multimeter that features volts, ohms, current, frequency, capacitance, diode test, continuity, logic probe, and transistor gain measurements.	Provides 18 ranges to measure upto 500VAC,1000VDC,DC current to 10A and resistance to 2M ohms.Safety tester shows live voltage	Provides 27 ranges to measure upto 750VAC,1000VDC,DC current to 10A and resistance to 2000Mohms.Continuity test & logic probe.	Provides 27 ranges to measure voltage,current, resistance, continuity, freq. and capacitance. logic probe.
held digital g	Handheld LCD digital 3.75 Digits 4000 N/A	Handheld LCD digital 3.5 digits 1999 N/A	Handheld LCD digital 3.5 digits 1999 N/A	Handheld LCD digital 3.5 digits 1999 N/A
KHz ales	50Hz to 500Hz N/A 0-20 Mohm	50 Hz - 500 Hz N/A	50 Hz - 500 Hz N/A DC-10Mohm AC-10Mohm	50 Hz - 500 Hz N/A DC:10Mohm AC:10Mohm
- 600V /-1	400mV, 4V, 40, 400, 1000 0.5%	.2,2,20,200,1000V 0.7%+/-1	.2,2,20,200,1000V	.2,2,20,200,600 V 0.5%+1
- 600V /-2	100uV, 1mV, 10, 100, 1V 1.2%	200,750V 1.2%+/-10	.2,2,20,200,750V 1.2%+/-10	.2,2,20,200,600 V 1%+4
A - 10A	400uA, 4mA, 40mA, 400mA 1.0%	.2,2,20,200mA,10A 2.0%+/-3	.2,2,20,200mA,10A 1.0%+/-1	20,200mA,10A 1%+1
- 10A	2A, 20A 1.5%	N/A N/A	.2,2,20,200mA,10A 1.8%+/-4	20,200mA,10A 1.5%+4
m - 40Mohm	400, 4k, 40k, 400k, 4M, 40M .75%	200,2K,20K,200K, 2M,20M ohm 1.0%+/-1	200,2K,20K,200K, 2M,20M,2000M ohm 1.0%+/-1	200,2K,20K,200K, 2M,20M ohm 2%+4
50KHz	4khz, 40K, 400K, 4M, 1hz, 10h, 100h, 10Khz 0.1%	N/A	N/A N/A	Up to 15MHz 0.1%+2
9999uF	40uF, 4uF, 400nF, 40nF, 4nF 3.0%	N/A N/A	N/A N/A	2,20,200nF,2,20uF 3.5%+4
	N/A N/A	N/A N/A	N/A N/A	N/A N/A
e tone V,0.5mA)	Audible tone Yes 3.45VDC TTL 0-1000 @ 10uA DC	Audible tone Yes (1mA,3.2VDC) N/A N/A	Audible tone Yes (1mA,3.2VDC) TTL,20MHz N/A	Audible tone Yes (1mA,3.2VDC) TTL,20MHz 0-1000 @ 10 uADC
ttery Incl. .75 in.	9V Battery Incl. 7.5 x 3.4 x 1.5" 17 oz. 3 year	9 Volt Battery incl 6.10x2.80x1.30 in 8 oz. (10 grams) 1 year	9 Volt Battery 6.10x2.80x1.30 in 8 oz. (10 grams) 1 year	9V Battery Included 6.1"x2.8"x1.3" 7.5 oz. 1 year
95 0 $148.26 $146.77 $145.28	57630 $127.00 $125.73 1 lb. $124.46 0.45 kg. $122.56	33893 $49.95 $49.95 1 lb. $48.46 0.45 kg. $47.96	20679 $59.95 $59.95 2 lb. $58.16 0.91 kg. $57.56	66267 $79.95 $79.95 3 lb. $77.56 1.36 kg. $76.76

Multimeters

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Digital Multimeters [540-10]

Manufacturer Table	Meterman-Wavetek 25XT	Fluke 73 III	Fluke Fluke 175	Fluke Fluke 177
Product Narrative	Provides 29 multimeter ranges along w/ logic test, transistor gain measurement, cap. mtr., freq cntr., cont./diode, auto shut-off.	21 autorange scales read current, resistance & voltage. 31 segment bargraph. Diode & contnuity tests. Touch hold. IEC 1010-1 CAT II. Includes TL75 leads.	FLUKE 6000 count handheld multi-meter. Analog bargraph, Auto/man-ual ranging, Large display, tapered body, Reading and auto hold, Smoothing mode	FLUKE 6000 count handheld mul meter. Analog bargraph, Auto/m ual ranging, Large display, tapere body, Reading and auto hold, Smoothing mode
Type	Handheld	Handheld	Handheld	Handheld
Display	LCD digital	LCD digital	LCD digital	LCD digital
Resolution	3.5 digits	3.5 digits		
Counts	1999	3200	6000	6000
Bargraph	N/A	31sgmnt,40 ms update	analog	analog
Freq. Range	50Hz - 1kHz	45 - 1KHz	45 - 1KHz	45 - 1KHz
Auto-Ranging	N/A	All scales	All scales	All scales
Input Impedance		DC-10Mohm AC-10Mohm,<50pF		
Voltmeter Scales (DC)	.2,2,20,200,1000 V	.32,3.2,32,320,1K V	0.1mV - 1000V	0.1mV - 1000V
Voltmeter Accuracy (DC)	0.5%+/-1	0.3%+/-1	0.15%	0.09%
Voltmeter Scales (AC)	.2,2,20,200,750 V	3.2,32,320,750V	0.1mV - 1000V	0.1mV - 1000V
Voltmeter Accuracy (AC)	1.2%+/-3	2.0%+/-2	1.0%	1%
Ammeter Scales (DC)	.2,2,20,200mA,10A	10 A	0.01mA - 10A	0.01mA - 10A
Ammeter Accuracy (DC)	1.5%+/-3	1.5%+/-2	1%	1%
Ammeter Scales (AC)	.2,2,20,200mA,10A	10 A	0.01mA - 10A	0.01mA - 10A
Ammeter Accuracy (AC)	1.3%+/-3	2.5%+/-2	1.5%	1.5%
Ohmeter Scales	200,2k,20k,200k, 2M,20M ohms	320,3.2K,32K,320K3.2M,32M ohms	0.1ohm - 50Mohm	0.1ohm - 50Mohm
Ohmeter Accuracy	1.0% +/- 4	0.5% +/- 1	0.9%	0.9%
Frequency Counter Scales	Upto 40kHz	N/A	2Hz - 100KHz	2Hz - 100KHz
Frequency Counter Accuracy		N/A		
Capacitor Scales	0.2, 20, 200nF, 2, 20uF, 200uF, 2000uF, 20mF	N/A	1nF - 9999uF	1nF - 9999uF
Capacitor Accuracy	2.0% +/- 4	N/A	1.2%	1.2%
dB-meter Scales	N/A	N/A	N/A	N/A
dB-meter Accuracy	N/A	N/A	N/A	N/A
Tests - Continuity	Audible tone	Audible tone	Audible tone	Audible tone
Tests - Diode	Yes,(3.2V,1.6mA)	Yes (2V,0.5mA)	Yes (2V,0.5mA)	Yes (2V,0.5mA)
Tests - Logic	TTL/CMOS, 20MHz	N/A	N/A	N/A
Transistor Gain Accuracy	0-1000	N/A	N/A	N/A
Power Source	9V Battery Incl.	9V Battery Incl.	9 V Battery Incl.	9 V Battery Incl.
Size (HxWxD)	7.2x3.1x1.5 inches	1.12x2.95x6.55 in.	1.7x3.5x7.25 in.	1.7x3.5x7.25 in.
Weight	11 oz.(311 grams)	12 oz (290 g)	1.9	1.9
Warranty	1 year	Life	3 year	3 year
TESSCO Part No.	**29545**	**63461**	**481097**	**490034**
List Price: T-1 Price:	$99.95 $99.95	$159.00 $158.21	$169.00 $168.16	$194.00 $193.03
Ship lb.: T-2 Price:	1.16 lb. $96.96	1.95 lb. $156.62	1.63 lb. $166.47	1.64 lb. $191.09
Ship kg.: T-3 Price:	0.53 kg. $95.96	0.89 kg. $155.03	0.74 kg. $164.78	0.75 kg. $189.15

Multimeters

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Multimeters and Capacitance Meters

e e 179	Meterman-Wavetek HD110B	Fluke 77 III	Meterman-Wavetek 2015	BK Precision 391
KE 6000 count handheld multi-r. Analog bargraph, Auto/man-anging, Large display, tapered , Reading and auto hold, othing mode	Heavy Duty DMM. Tough Valox plastic. Fire, water, chemical resistant. Electronics and display are shock mounted. Cat III.	Meter with 22 auto/manual ranges. 31 segment bargraph. Diode & continuity Tests. Touch Hold. IEC 1010-1 Cat III.Molded-on case.Includes TL75 test leads.	True RMS multimeterMeasures volts, ohms, frequency, & capacitance. Has diode & continuity.Auto min/max hold. Protective holster.	Multimeter that features volts, ohms, current, freq., continuity, true RMS, 20,000 ct.LCD, data hold, and logic probe.
held digital g	Handheld LCD digital 3.5 digit 1,999 N/A	Handheld LCD digital 3.5 digits 3200 31sgmnt,40 ms update	Handheld LCD digital 4.0 digit 4000 42sgmnt,50 ms update	Handheld LCD digital 4.50 digits 20000 N/A
KHz ales	50Hz - 5kHz Selectable	45 - 1KHz All scales	50Hz - 1kHz All scales DC-10Mohm AC-10Mohm	50Hz to 1 Khz N/A 0-10 Mohm
/ - 1000V	0.2, 2, 20, 1500V 0.1%+2	.32,3.2,32,320,1K V 0.3%+/-1	400mV,4,40,400,1K V	200mV, 2V, 20, 200, 1000 .05%
/ - 1000V	0.2, 2, 20, 1000V 0.1%+2	3.2,32,320,1K V 2.0%+/-2	400mV,4,40,400,750V 1.2%+/-5	10uV, 100uV, 1m, 10m, 10 1.0%
A - 10A	200u, 2, 20, 200m, 2, 10A 0.5%+2	32,320 mA, 10 A 1.5%+/-2	4mA,40mA,400mA,20A 0.8%+/-2	400u, 2m, 20m, 200m, 20A 0.5%
A - 10A	200u, 2, 20, 200m, 2, 10A 0.5%+2	32,320 mA, 10A 2.5%+/-2	4mA,40mA,400mA,20A 1.2%+/-4	10n, 100n, 1u, 10u, 1m 0.8%
n - 50Mohm	200, 2k, 20k, 200k, 2M, 20M ohms 0.3% +2	320,3.2K,32K, 320K,3.2M,32M 0.5% +/- 1	400,4K,40K,400K, 4M, 40M ohm 0.7% +/- 2	200, 4, 20, 200k, 2M, 20M .15%
100KHz		N/A	100Hz,1KHz,10KHz,100KHz,400K Hz 0.1% +/- 4	100h,1k,10k,100k,500k 0.1%
999uF	N/A	N/A N/A	4nF,40nF,400nF, 4uF,40uF 1.0% +/- 4	N/A N/A N/A
	N/A N/A	N/A N/A	N/A N/A	N/A N/A
e tone V,0.5mA)	Audible tone Yes, 3.0VDC N/A N/A	Audible tone Yes (2V,0.5mA) N/A N/A	Audible tone Yes, 3.2VDC/0.6mA N/A N/A	Audible tone Yes Max 3.45VDC TTL N/A
tery Incl.	9V Alkaline	9 V Battery Incl.	9V Alkaline	9V Battery Incl.
x7.25 in.	7.9"x4"x2.3" 1.4 lb 1 year	1.5x3.5-3.1x6.6 in. 12.9 oz (365 g) Life	7.5"x3.5"x1.3" 20 oz.(568g) 3 year	7.5 x 3.4 x 1.5" 17 oz. 3 year
5 0 .	96207 $169.95 $169.95 3 lb. $164.86 1.36 kg. $163.16	84893 $209.00 $207.96 1.5 lb. $205.87 0.68 kg. $203.78	13352 $159.95 $159.95 1.5 lb. $155.16 0.68 kg. $153.56	39420 $187.00 $185.13 1 lb. $183.26 0.45 kg. $180.46

Multimeters

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Digital Multimeters [540-10]

Manufacturer Table	Meterman-Wavetek 27XT	Fluke 83 III	BK Precision 5370	Triplett Triplett 9040
Product Narrative	Multimeter w/ logictest,xsistor gain msrmnt.,capacitance& inductance meter,frequency counter, Continuity & diode test. LCR.	Meter w/ freq. counter, capcitance meter, diode & continuity tests. Backlit display w/43 segment bargraph. Touch hold, relative, max/min save.	Multimeter that features volts, ohms, current, frequency, capacitance, diode test, continuity, temperature, decibels, and RS232 interface.	Autoranging Multimeter with 38 ranges. Measures volts, amps, ohms, frequency, capacitance, co tinuity and tests diodes.
Type	Handheld	Handheld	Handheld	Handheld
Display	LCD digital	LCD digital	LCD digital	LCD digital
Resolution	3.5 digits	3.75 Digits	5 digits	3.75 digits
Counts	1999	4000	50000	4000
Bargraph	N/A	43segment, 25 ms update	Analog Bar Graph	41 Segment
Freq. Range	50Hz - 1kHz	.05 - 200kHz	.6Hz to 500 Khz	N/A
Auto-Ranging	N/A	N/A	Yes	Yes
Input Impedance			0-10 Mohm	
Voltmeter Scales (DC)	.2,2,20,200,1000 V	.4, 4, 40, 400, 1000 V	500mV, 5V, 50V, 500V, 750V, 1000V	400mv to 1000v
Voltmeter Accuracy (DC)	0.5%+/-1	0.1%+/-1	.05%	.3%
Voltmeter Scales (AC)	.2,2,20,200,750 V	.4, 4, 40, 400, 1000 V	500mV, 5V, 50V, 500V, 750V	4v to 750v
Voltmeter Accuracy (AC)	1.2%+/-3	0.5%+/-2	.30%	.5%
Ammeter Scales (DC)	.2,2,20,200mA,20A	.4, 4, 40, 400 mA, 10 A	500u, 5m, 50m, 500m, 10A	.4mA to 10A
Ammeter Accuracy (DC)	1.0%+/-1	0.4%+/-2	0.2%	.8%
Ammeter Scales (AC)	.2,2,20,200mA,20A	.4, 4, 40, 400 mA, 10 A		.4mA to 10A
Ammeter Accuracy (AC)	1.8%+/-4	1.2%+/-2	.60%	1.3%
Ohmeter Scales	200,2K,20K,200K, 2M,20M,2000M ohms	400, 4K, 40K, 400K, 4M, 40M ohms	500, 5k, 50k, 500k, 5M, 50M	400 ohm to 40 Mohm
Ohmeter Accuracy	1.0% +/- 4	0.4% +/- 1	.07%	.5%
Frequency Counter Scales		0.5 Hz to 200kHz	.6 hz to 500 Khz	200hz to 200Khz
Frequency Counter Accuracy			.03% rdg.+- 1 digi	.1%
Capacitor Scales	2,20nF, 2, 20, 2000 uF	1nF, 0.05uF, 0.5uF, 5uF	50n, 500n, 5u, 50u, 500u, 5000u, 50m	1 microF to 1 mF
Capacitor Accuracy	5.0% +/- 10	1.0% +/- 2	1.0%	2%
dB-meter Scales	N/A	N/A	Selectable from 1 - 9999 ohms	N/A
dB-meter Accuracy	N/A	N/A	.09 x VAC accuracy	N/A
Tests - Continuity	Audible tone	Audible tone	Audible tone	Yes
Tests - Diode	Yes,(3.0V-1.0mA)	Yes,(3V, 0.8mA)	Yes 2V, 1mA	Yes
Tests - Logic	TTL/CMOS,20MHz	N/A	N/A	
Transistor Gain Accuracy	0-1000	N/A	N/A	N/A
Power Source	9V Battery Incl.	9V Battery Incl.	9V Battery Incl.	9v Battery
Size (HxWxD)	7.2x3.1x1.5 in.	1.25x3.41x7.35 in.	1.63x3.25x7.5	7.5"x3.4"x1.5"
Weight	11 oz (311grams)	12.5 oz.(0.36 kg)	14 oz.	1.0 lb
Warranty	1 year	Life	3 year	3 YRS
TESSCO Part No.	**16331**	**99263**	**20533**	**463039**
List Price: T-1 Price:	$119.95 $119.95	$299.00 $297.51	$289.00 $286.11	$169.00 $169.00
Ship lb.: T-2 Price:	1.25 lb. $116.36	2.65 lb. $294.52	1 lb. $283.22	1.5 lb. $167.31
Ship kg.: T-3 Price:	0.57 kg. $115.16	1.20 kg. $291.53	0.45 kg. $278.89	0.68 kg. $165.62

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Multimeters and Capacitance Meters

ett ett 9060	Fluke 87 III/E	Fluke 187	Fluke Fluke 189	Meterman-Wavetek 2030
ranging Solar Powered Multi-. Internal battery can be rged by the sun or by con-g the test leads to a 120vac 12vdc source.	True RMS meter w/ frequency counter, capacitance meter.	FLUKE 187 True RMS Digital multimeter. Analog/digital display,freq.,duty cycle & cap.meas.,touch-hold & relative modes. True RMS. Backlight.Incl.Yel holster and TL71Silicone test leads.	FLUKE 50,000 Count heavy duty multimeter. Analog/digital display, freq., duty cycle & cap. meas., touch-hold. Data Logging and Reading save. True RMS. Includes TL71 Silicone test leads. Optional FLUKEFORMS Software with cable sku 419276.	True RMS reading ofV,& I. Measures freq. & capacitanceFeatures diode /con./logic test, auto min/max/avg & protective holster.
held Solar Powered digital digits gment	Handheld LCD digital 3.75/4.5 digits 4000/20000 32 segment pointer	Handheld LCD digital 50,000 50,000 51 Segment Bargraph	Handheld LCD digital 50,000 50,000 51 segment pointer	Handheld LCD digital 4.0 digit 19,999 40sgmnt,50 ms sgmnt
to 1 MHz	.5 Hz - 200kHz N/A	0.5 - 1000 KHz All Scales	0.5 Hz -1000 kHz Yes	45Hz - 2kHz All scales
to 1000v	.4, 4, 40, 400, 1000 V .05% +/-1	.5, 5, 50, 500, 1000 V 0.025% +/-10 @ 5 VDC	50.000mV to 1000.0V 0.025% +/- 10	100mV,1,10,100,1K V 0.10%+/-2
to 750v	.4, 4, 40, 400, 1000 V .7% +/-2	.5, 5, 50, 500, 1000 V 0.5% +/-40	50.000mV to 1000.0V 0.4% +/-40	100mV,1,10,100,1K V 2.0%+/-8
A to 20A	.4, 4, 40, 400 mA, 4, 10A 0.2%+/-2	.5, 5, 50, 500 mA, 5, 10A 0.5%+/-2	0- 10A 0.5% +/-10	0.1,10,100mA,1,10 A 0.35%+/-1
o 20A	.4, 4, 40, 400 mA, 4, 10A 1.0%+/-2	.5, 5, 50, 500 mA, 5, 10A 1.5%+/-5	250uA-10A 1.5% +/-20	1,10,100mA,1,10A 1.7%+/-8
m to 32.6 Mohm	400, 4K, 40K, 400K, 4M ohms 0.2% +/- 1	500, 5K, 50K, 500K, 5M, 30M, 100M, 500M ohms 0.05% +/- 2	30 M-Ohm 0.05% + 2	100,1K,10K,100K, 1000K,10M,20M ohms 0.3% +/- 4
to 100 Mhz	200 Hz, 2000 Hz, 20 KHz, 200 KHz	500.00 Hz, 5.0000 KHz, 50.000 KHz, 999.99 KHz, 999.99 KHz	.5 Hz to 1000 kHz	20,200 kHz,2 MHz
	5nF, 0.05uF, 0.5uF, 5uF 1.0% +/- 2	1nF, 10nF, 100nF, 1uF, 10uF, 100uF, 1mF, 10mF, 50mF 1.0% +/- 5	.01 nF - 50 mF 1.0% +/- 5	20,200uF,2,20,200nF, 2mF 2.0% +/- 2
	N/A N/A	N/A N/A	dB -56 to - 6, -6 to +34, +34 to +60 dB 0.1dB	N/A N/A
	Audible tone Yes, (3.0V,1mA) N/A N/A	Audible tone Yes, (3.1V,) N/A N/A	Audible tone Yes, (3.1V,1mA) N/A N/A	Audible tone Yes, 2V max TTL,CMOS,50ns min N/A
anel, 120vac or 9-12 vdc "x1.25"	9V Battery Incl. 1.25x3.41x7.35 in. 12.5 oz.(0.36kg) Life	9V Battery Incl. 8.00 x 3.94 x 1.97 545 grams 1.2 lbs. Life	4 AA alkaline 8.00" x 3.94" x 1.97" in. 19.2 oz. Life	9V Alkaline 7.5"x3.5"x1.3" 20 oz (568grams) 3 year
5) $110.00 $108.90 $107.80	**72835** $349.00 $347.26 2.66 lb. $343.77 1.21 kg. $340.28	**450033** $379.00 $377.11 2.21 lb. $373.32 1.00 kg. $369.53	**426364** NEW w FlukeView Forms SW $489.00 $486.56 2.22 lb. $481.67 1.01 kg. $476.78 **431080** $399.00 $397.01 2.22 lb. $393.02 1.01 kg. $389.03	**91381** $299.95 $299.95 1.5 lb. $290.96 0.68 kg. $287.96

Multimeters

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Digital Multimeters [540-10]

Manufacturer Table	BK Precision 390	Fluke 867BE	Triplett Triplett 2105	Meterman-Wavetek 35XL
Product Narrative	Multimeter that features volts, ohms, current, frequency, capacitance, diode and continuity test, temperature probe, memory, and auto ranging.	Graphical multimeter combines the industry's most advanced multimeter functions with the visual power of graphical analysis.	The Model 2105 includes AC Wattage Adapter which can be used to monitor the wattage on a wide variety of devices. When in the "Wattage Range" the 2105 will simultaneously display Wattage, AC Voltage, AC Current and Power Factor.	
Type Display Resolution Counts Bargraph	Handheld LCD digital 3.75 Digits 4000 Analog Bar Graph	Handheld Backlit LCD 5 Digit 32000 count Multiple ranges	Handheld LCD digital 3.75 3999 42 segment	Handheld LCD Digital 3.5 Digits 3200 analog
Freq. Range Auto-Ranging Input Impedance	50Hz to 1 Khz Yes 10 Mohm	2Hz - 10Mhz Auto/Manual	4 kHz to 40 MHz Yes	50Hz - 500Hz all scales 10M ohm
Voltmeter Scales (DC) Voltmeter Accuracy (DC)	400mV, 4, 40, 400, 1000V 0.1%	320mV - 1000V +/- 0.025%	.4, 4, 40, 400, 1000 V .5%	320mV, 3.2V, 32V, 320V, 600V 0.5% rdg + 1
Voltmeter Scales (AC) Voltmeter Accuracy (AC)	100uV, 1mV, 10, 100, 750V 0.5%	0.50%	.4, 4, 40, 400, 750 V 1%	3.2V, 32V, 320V, 600V 2.0% of rdg + 4
Ammeter Scales (DC) Ammeter Accuracy (DC)	4mA, 40mA, 400mA, 20A 0.8%	32mA - 10A +/- 0.05%	.4, 4, 40, 400 mA, 4, 20A 1.5%	320uA, 3200 uA, 32mA, 320mA, 10 2.5% of rdg + 4
Ammeter Scales (AC) Ammeter Accuracy (AC)	4mA, 40mA, 400mA, 20A 1.2%	0.75%	.4, 4, 40, 400 mA, 4, 20A 2%	320uA, 3200 uA, 32mA, 320mA, 10 2.5% of rdg + 4
Ohmeter Scales Ohmeter Accuracy	400, 4k, 40k, 400k, 4M, 40M 0.4%	320 - 32M +/- 0.07%	400, 4K, 40K, 400K, 4M, 40 ohms 1%	320, 3.2K, 32K, 320K, 3.2M, 30M 2.0% of rdg + 3
Frequency Counter Scales Frequency Counter Accuracy	100, 1k, 10k, 100k, 500k 0.1%	2Hz - 10Mhz	4 Khz to 40 MHz 0.005% +/- 1	N/A N/A
Capacitor Scales Capacitor Accuracy	4n, 40n, 400n, 4u, 40uF 2.0%	10000pF - 10000uF +/- 1.9%	4nf, 40nf, 400nf, 4uf, 40uf, 400uf 3%	32uF, 320uF, 3.2mF, 32mF 5.0% rdg +20
dB-meter Scales dB-meter Accuracy	N/A N/A	Selectable from 2 - 1200 ohm ref. +/- 0.05 dB	N/A N/A	N/A N/A
Tests - Continuity Tests - Diode Tests - Logic Transistor Gain Accuracy	Audible tone Yes 3.45VDC N/A N/A	Audible tone Auto to 10Mhz Component tester	Audible tone Yes, (3.0V,1mA) Yes Yes	tone < 20 ohm 600 uA @ 3.2 Vdc N/A N/A
Power Source Size (HxWxD) Weight Warranty	9V Battery Incl. 7.5 x 3.4 x 1.5" 17 oz. 3 year	Internal rechargeable Nicd battery pack 9.7x5.4x2.75" 2.3 lbs 3 year	9V Battery Incl. 1.6"x3.4"x7.6" 1 lb 3 Years	9V battery 6.1" x 2.8" x 1.3" 210 grams 1 year
TESSCO Part No.	**15490**	**47538**	**491180**	**86450** NEW
List Price: / T-1 Price:	$167.00 / $165.33	$995.00 / $994.01	$307.95 / $307.95	$69.95 / $69.95
Ship lb.: / T-2 Price:	1.71 lb. / $163.66	8 lb. / $980.08	3 lb. / $304.88	3 lb. / $67.86
Ship kg.: / T-3 Price:	0.78 kg. / $161.16	3.64 kg. / $957.19	1.36 kg. / $301.80	1.36 kg. / $67.16

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Multimeters and Capacitance Meters

ke ocess Meter	Manufacturer Table	Triplett 60	Simpson Electric Co 260-8	Simpson Electric Co 260-8Xi
	Analog Multimeters [540-11]			
	Product Narrative	Meter guaranteed to withstand 5' drop test. 28 ranges.	High accuracy,widebandwidth analog m'mtr. w/ db-meter	High accuracy,widebandwidth analog m'mtr. w/ db-meterYellow ABS Case.
d-held C digits 0	Type Display Freq. Range	Handheld Analog Not Specified	Handheld Analog meter DC-100kHz	Handheld Analog meter DC-100kHz
	Voltmeter DC Ranges Voltmeter Accuracy (DC)	0-0.3,1,3,10,100,300,1000A +/-1.5%	250mV,1V,2.5V,10V, 25,50,250,500,1000 V 2% of full scale	250mV,1V,2.5V,10V, 25,50,250,500,1000 V 2% of full scale
to 20KHz	Voltmeter AC Ranges Voltmeter AC Accuracy	0-3,10.30,100,300, 1000A +/- 3%	2.5,10,25,50,250 V, 0.5,1 KV 3% of full scale	2.5,10,25,50,250 V, 0.5,1 KV 3% of full scale
M ohms	Ammeter DC Ranges Ammeter DC Accuracy	100uA,10mA,100mA, 1000mA +/-1 %	50uA,1mA,10mA,100mA, 500mA, 10A	50uA,1mA,10mA,100mA, 500mA, 10A 1.5% of full scale
0 mV to 1000V % of Rdg.	Ammeter AC Ranges Ammeter Accuracy (AC)		N/A.Need optional Amp-Clamp probe.	N/A.Need optional Amp-Clamp probe.
0 mV to 1000Vrms % fo Rdg.	Ohmmeter Ranges Ohmmeter Accuracy	0-1Kohm,10Kohm,1 100Kohm,1Mohm,10Mohm +/-1.5%	2K,200K,20M ohms +/- 2 deg of arc	2K,200K,20M ohms +/- 2 deg of arc
0 A % of Rdg.	dB Meter Ranges dB-meter Accuracy Continuity	-20dBm to +52dBm Yes	5 autorange scales, -20dB to +50dB. N/A N/A	5 autorange scales, -20dB to +50dB. N/A N/A
0 A of Rdg.	Power Source Size (HxWxD) Weight Warranty	One 9V,One 1.5V batt 3 1/4"x5 1/4"x7 1/4" 4 lbs 3 yr	Batteries included 7x5.5x3.1 inches 3 lbs (1.4 kg) 1 year	Batteries included 7x5.5x3.1 inches 3 lbs (1.4 kg) 1 year
0 to 40.00 M ohms % of Rdg.	**TESSCO Part No.**	**95899**	**65482**	**77779**
o 20 KHz 5%	List Price: T-1 Price:	$259.00 $259.00	$198.80 $198.80	$214.70 $214.70
	Ship lb.: T-2 Price:	4 lb. $256.41	4.17 lb. $193.83	4.17 lb. $209.34
	Ship kg.: T-3 Price:	1.82 kg. $253.82	1.90 kg. $188.86	1.90 kg. $203.97
ohms 0 V				
attery x 3.41 x 7.35 z. rs				
10 NEW .00 $546.26 $540.77 kg. $535.28				

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Manufacturer Table	Simpson Electric Co 260-8P	Simpson Electric Co 260-8XPi	Triplett Triplett 2000 Series Railroad Meter	Manufacturer Table
Analog Multimeters [540-11]				**Clamp-On Multimeters [540-12]**
Product Narrative	High accuracy,widebandwidth analog m'mtr. w/ db-meter& continuity test.	High accuracy,widebandwidth.dB-metercontinuity tst. Yellow ABS plastic	The Triplett 2000 Railroad Test set is the most versatlie tester available for the railroad industry	Product Narrative
Type Display Freq. Range	Handheld Analog meter DC-100kHz	Handheld Analog meter DC-100 kHz	Handheld Analog meter	Type Display No. of Digits Counts Bargraph
Voltmeter DC Ranges Voltmeter Accuracy (DC)	.25V,1V,2.5V,10V, 25,50,250,500,1000 V 2% of full scale	0.25V,2.5V,10V,25V, 50,250,500,1000V +/-2% of full scale	0.6, 3, 15, 60, 300 V 1k-ohm/volt +/-1.5% Full Scale	Freq. Range Auto-Ranging Input Impedance
Voltmeter AC Ranges Voltmeter AC Accuracy	2.5,10,25,50,250 V, 0.5,1 KV 3% of full scale	.025,10,25,50,250V, 0.5,1 KV +/-3% of full scale	1.5, 3, 15, 150,300, 600V,300volt 3% Full Scale	Voltmeter Scales (DC) Voltmeter Scales (AC) Accuracy
Ammeter DC Ranges Ammeter DC Accuracy	50uA,1mA,10mA,100mA, 500mA, 10A 1.5% of full scale	50uA,1mA,10mA,100mA, 500mA, 10A +/-2% of full scale	15mA,60mA,300mA, 1.5A, 6A, 30A 1.5%	Ammeter Scales (DC) Ammeter Accuracy (DC)
Ammeter AC Ranges Ammeter Accuracy (AC)	N/A.Need optional Amp-Clamp probe.	N/A N/A	1.5, 6 A, 30 A 3%	Ammeter Scales (AC) Ammeter Accuracy (AC)
Ohmmeter Ranges Ohmmeter Accuracy	2K,200K,20M ohms +/- 2 deg of arc	2K,200K,20M ohms +/-2 deg of arc	Rx1, Rx100, Centered at 5 and 500 ohms. +/-2% of Center.	Ohmeter Scales Ohmeter Accuracy
dB Meter Ranges dB-meter Accuracy Continuity	5 autorange scales, -20dB to +50dB. Not specified Audible tone	5 auto range scales, -20dB to +50dB Not specified Audible tone	N/A N/A N/A	Frequency Counter Scales Frequency Counter Accuracy
Power Source Size (HxWxD) Weight Warranty	Batteries included 7x5.5x3.1 inches 3 lbs (1.4 kg) 1 year	Batteries included. 7" x 5.25" x 3.1" 2.5 lbs 1 year	2- 9v & 1-1.5v D-cell 9.5x6.2x4.4 in. 4.3 lbs 1 year	Capacitor Scales Capacitor Accuracy
TESSCO Part No.	**13875**	**34037**	**472178**	dB-meter Scales dB-meter Accuracy
List Price: T-1 Price:	$265.00 $265.00	$265.00 $265.00	$728.60 $728.57	Tests - Continuity Tests - Diode Tests - Logic
Ship lb.: T-2 Price:	4.46 lb. $258.38	4.5 lb. $258.38	4.54 lb. $721.29	Power Source Size (HxWxD) Weight Warranty
Ship kg.: T-3 Price:	2.03 kg. $251.75	2.05 kg. $251.75	2.06 kg. $714.00	**TESSCO Part No.**
				List Price: T-1 Price:
				Ship lb.: T-2 Price:
				Ship kg.: T-3 Price:

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Multimeters and Capacitance Meters

terman-Wavetek C60	AEMC Instruments 502	AEMC Instruments 503	Fluke 334	Meterman-Wavetek AC68
vides 600A range, VAC, AAC, ns, continuity, autoranging, data d, safer hand guard design and cost.	Compact 400A ac Current clamp TRMS with frequency measurements Large easy to read 4000-count display with 42-segment bargraph. Includes: Test leads, carrying case, batteries and manual.	AC/DC Clamp-on Multimeter Includes: test leads, carrying case and manual.	True RMS AC 600 Amp Clamp-on Multimeter with backlight Includes: TL75 Test Leads, soft carrying case, batteries and Manual.	Provides 600 AC/DC Amp and Volt Range, ohms, continuity, diode check, frequency counter. Autoranging.
dheld D Digital digits 0	Handheld LCD Digital 3 3/4 3999 42-Segment	Handheld LCD Digital 3 3/4 3999 42-Segment	Handheld LCD Digital 4 9999 N/A	Handheld LCD Digital 4.0 digits 4000 N/A
o 500Hz -10Mohm	N/A yes 1 M ohm	N/A yes N/A	N/A yes N/A	4kHz-20kHz yes DC-10Moh
V,600V S	0.2 to 600V 0.5 to 600Vrms 1.0% of rdg.	0.2 to 600V 0.5 to 600V 1.5% of rdg.	0-600.0VDC 0-600.0VDC 1% or rdg.	600V 400V,600V See Below
	N/A N/A	0.1 to 400A 2.5% of rdg.	N/A N/A	400A, 600A +-2.0%
A,600A 9%	50mA to 400Arms 1.9% of rdg.	50mA to 400Amps AC 1.5% of rdg.	0-600.0A AC 2% of rdg.	400A,600A +-102%
0K 0%	0.2 to 400 ohms 1% of rdg.	0.2 to 400 ohms 1% of rdg.	0-6000 ohms 1.5% of rdg.	4K +-1.0%
	4 to 10kHz 0.1% rdg.	N/A N/A	N/A 0.2% rdg.	N/A N/A
	N/A N/A	N/A N/A	N/A N/A	N/A N/A
	N/A N/A	N/A N/A	N/A N/A	N/A N/A
ble tone	<40 ohms N/A N/A	<40 ohms N/A N/A	<30ohms N/A N/A	Audible tone 3.2V N/A
t . r	9 volt 7.60" x 1.97" x 1.1" 1.0 lb 1 year	9 volt 9.5" x 2.6" x 1.4" 1.0 lb 1 year	9 volt 9.87" x 3.125" x 1.625" 1.0 lb 1 year	9 volt 9 x 3 x 1.5 1 lb. 1 year
03 95 $99.95 $96.96 kg. $95.96	419314 NEW $119.00 $118.41 2 lb. $117.81 0.91 kg. $116.62	482167 $149.00 $148.26 2 lb. $147.51 0.91 kg. $146.02	467131 $149.00 $148.26 4 lb. $146.77 1.82 kg. $145.28	34764 $199.95 $199.95 1 lb. $193.96 0.45 kg. $191.96

Multimeters

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Clamp-On Multimeters [540-12]

Manufacturer Table	BK Precision 369B	Meterman-Wavetek AD105	Fluke 336	AEMC Instruments 514
Product Narrative	Provides 1000A range, VAC, AAC, ohms, continuity, autoranging, data hold, bargraph display.	Provides up to 1000A on AC and DC range, frequency to10 Khz, true RMS, 2.0" max. conductorsize.	True RMS AC/DC 600 Amp Clamp-on Multimeter with back-light Includes: TL75 Test Leads, soft carrying case, batteries and Manual.	True RMS AC/DC Clamp-on Mul meter Includes: test leads, carryin case and manual.
Type	Handheld	Handheld	Handheld	Handheld
Display	LCD Digital	LCD Digital	LCD Digital	LCD Digital
No. of Digits	4.0 digits	4.0 digits	4	3 3/4
Counts	4000	4000	9999	3999
Bargraph	Yes	N/A	N/A	N/A
Freq. Range	100Hz,1,10,100,400KH	20Hz - 10Khz	10-100Hz	1 Hz to 10K Hz
Auto-Ranging	yes	yes	yes	yes
Input Impedance	DC-10Moh	N/A		N/A
Voltmeter Scales (DC)	400mV,4,40,400,1000V	N/A	0-600.0VDC	200mV to 1000V DC
Voltmeter Scales (AC)	400mV,4,40,400,1000V	N/A	0-600.0VDC	500mV to 750V AC
Accuracy	+- 1.5%	1.9%	1% or rdg.	1.5% or rdg.
Ammeter Scales (DC)	400A, 1000A	400A, 1000A	0-600.0A DC	1A to 1000Amps DC
Ammeter Accuracy (DC)	+-1.5%	+-1.9%	2.0% of rdg.	2.5% of rdg.
Ammeter Scales (AC)	400A, 1000A	400A,1000A	0-600.0A AC	50mA to 1000Amps AC
Ammeter Accuracy (AC)	+-1.5%	+-1.9%	1.9% of rdg.	1.9% of rdg.
Ohmeter Scales	400,4k,400k,4M,40M	N/A	0-6000 ohms	0.2 to 4000 ohms
Ohmeter Accuracy	+-1.0%	N/A	1.5% of rdg.	1% of rdg.
Frequency Counter Scales	N/A	N/A	N/A	1Hz to 10KHz
Frequency Counter Accuracy	N/A	N/A		0.1% rdg.
Capacitor Scales	4,40,400nF, 4,40mF	N/A	N/A	N/A
Capacitor Accuracy	+-1.0%	N/A	N/A	N/A
dB-meter Scales	N/A	N/A	N/A	N/A
dB-meter Accuracy	N/A	N/A	N/A	N/A
Tests - Continuity	Audible tone	N/A	<30ohms	<40ohms
Tests - Diode	Yes	N/A	n/a	yes
Tests - Logic	N/A	N/A	N/A	N/A
Power Source	9 volt	9 volt	9 volt	9 volt
Size (HxWxD)	10x4x2		9.87" x 3.125" x 1.625"	9.5" x 2.6" x 1.4"
Weight	18.3oz	1.1 lb.	1.0 lb	1.0 lb
Warranty	1 year	1 year	1 year	1 year
TESSCO Part No.	**38121**	**73533**	**422186**	**489084**
List Price: T-1 Price:	$189.00 $187.11	$229.95 $229.95	$274.00 $272.63	$199.00 $198.01
Ship lb.: T-2 Price:	1.9 lb. $185.22	1.57 lb. $223.06	4 lb. $269.89	1.57 lb. $197.01
Ship kg.: T-3 Price:	0.86 kg. $182.39	0.71 kg. $220.76	1.82 kg. $267.15	0.71 kg. $195.02

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Multimeters and Capacitance Meters

Benchtop Digital Multimeters [540-14]

ke 7	Triplett Triplett 9320	Manufacturer Table	Agilent Technologies 34401A	Fluke 45
e RMS AC/DC 1000 Amps mp-on Multimeter with back- t Includes: TL75 Test Leads, soft rying case, batteries and Manual		Product Narrative	The 34401A 6 1/2 Digit multimeter gives you the performance you need for fast accurate bench and system testing. Provides a combination of resolutions, accuracy and speed that rivals DMM's costing many times more. Includes: lead kit with probe, alligator, and grabber attachements, IntuiLink connectivity, software, manual, certification and power cord.	True RMS meter w/ dual display, dB mtr. & frequency cntr (1MHz). Touch hold,relative,max/ min save & compare.RS232 computer IEEE interface.
ndheld D Digital 9 \	Handheld LCD Digital 3.75 digits 4000 N/A	Type Display No. of Digits Counts Bargraph	Benchtop 6.5 digits 1999999	Benchtop Flourscent dgtl 5.0 digits 99,999 N/A
100Hz	4kHz-4 MHz yes DC-10Moh	Freq. Range Auto-Ranging Input Impedance	3 Hz to 300 KHz Yes Selectable	5Hz - 100 kHz all scales DC-10Mohm AC-10Mohm,<99pF
00.0VDC 00.0VDC or rdg.	400, 600V 400, 600V See Below	Voltmeter Scales (DC)	100mV to 1000 V	.32,3.2,32,320,1K V
99.9A DC % of rdg.	400A, 1000A 1.5%	Voltmeter Scales (AC) Voltmeter Accuracy (AC)	100 mV to 750 V 0.04%	.32,3.2,32,320,1K V 2%+/-10
99.9A AC % of rdg.	400A, 1000A 2%	Ammeter Scales (DC) Ammeter Accuracy (DC)	10mA to 3 Amp 0.010%	.32,3.2,32,320mA,10A .75%+/-2
00 ohms % of rdg.	400 ohms .8%	Ammeter Scales (AC) Ammeter Accuracy (AC)	1 A to 3 Amp 0.10%	.32,3.2,32,320mA,10A 1.5%+/-2
00 Hz	4 (4 kHz to 4 MHZ) .5%	Ohmeter Scales Ohmeter Accuracy	100 to 100 M ohm 0.0020%	320,3.2K,32K,320K,3.2M,32M 0.2% +/- 1
	N/A N/A	Frequency Counter Scales Frequency Counter Accuracy		1KHz,10KHz, 100KHz,1MHz 0.05%+/-1
	N/A N/A	dB-meter Scales dB-meter Accuracy		Reference select-able from 2-8K ohms. Not Specified
ohms	Audible tone 3.2V N/A	Tests - Continuity Tests - Diode Tests - Conductance	Yes Yes	Audible tone Yes,(2.0V,1.0mA) 32nS
lt " x 3.125" x 1.625" o ar	9 volt 8.2" x 3.3" x 1.8" 13.3 oz 1 year	Power Source Size (HxWxD) Weight Warranty	100/120/220/240Vac 45 to 66 Hz and 360 to 440 Hz 4" X 10" X 14.7" 8.0 lbs. 1 year	90 - 264 VAC. 3.7x8.5 x11.3 in. 7 lbs 1 year
173 :00 $302.48 $299.44 kg. $296.40	**410169** $145.00 $145.00 2 lb. $143.55 0.91 kg. $142.10	**TESSCO Part No.** List Price: T-1 Price: Ship lb.: T-2 Price: Ship kg.: T-3 Price:	**426146** NEW $995.00 $995.00 12 lb. $994.01 5.45 kg. $993.01	**57340** $749.00 $745.26 9.04 lb. $737.77 4.11 kg. $730.28

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Capacitance and LCR Meters [540-15]

Manufacturer Table	BK Precision 810C Capacitance Meter	Meterman-Wavetek CR50	Meterman-Wavetek LCR55	BK Precision LCR/ESR Synthesized In-Circuit Met
Product Narrative	Model 810C compact capacitance meter, designed for accurate measurement. It features pluf-in test sockets and test lead jacks. Zero adjust knob to zero out test lead capacitance.	Capacitance meter with 9 different scales ranging from 200pF to 20000uF. Highest resolution is 0.1pF on the 200pF range. Can measure resistance on 7 scales: 20 to 20M.Other features incl diode test, continuity, and low ohms. Zero out stray capacitance.	Inductance, capacitance, and resistance meter with 28 user ranges. Also tests diodes, including microwave diodes, and has slots for capacitor plug-in and dedicated test socket for transistor testing. Zero out low resistance in leads.	Synthesized In-Circuit LCR/ESR meter: Includes SMD Probe (surface mount tweezers), rechargeabl batteries, and AC adapter with RS 232. Additional measuremets: (Z,L,DCR,ESR,D,Q and Q phase) Frequency 10KHz, DCR 9999Mohms, ESR 9999ohms, Q Phase -180 to +180.
Display	3.5 Digits	3.5 LCD digits	4 LCD Digits	4 LCD digits
Counts	1999	1999	1999	9999
Resolution	0.1pF	0.1pF	0.1pF	0.001pF
Capacitance Ranges	200pF to 20mF	200pF,2nF,20nF, 200nF,2uF,20uF, 200uF,2mF,20mF	200pF,2nF,20nF, 200nF,2uF,20uF, 200uF,2mF,20mF	0.000pF to 9999 microF
Capacitance Accuracy	0.4% rdg + 1 count	0.5% +1 Digit	1.0% +3 Digit	0.5% of rdg
Resistance Ranges	N/A	20,200,2K,20K,200K, 2M,20M	20,200,2K,20K,200K, 2M,20M	0.000 to 9999M ohms
Resistance Accuracy	N/A	0.5%	0.5%	0.5% of rdg
Tests - Capacitor Leakage	N/A	N/A	Yes	N/A
Tests - Diode	N/A		Yes (1mA,3.0VDC)	N/A
Power Source	9 V battery	9V Battery Included.	9V Battery Included.	Rechareable Batteries or AC power
Size (HxWxD)	5.9" x 2.8" x 1.5"	6.1"x 2.8"x 1.3"	7.2"x 3.1"x 1.5"	6.9" x 3.4" x 1.9"
Weight	7 oz.	6 oz.	11oz.	1 lbs.
Warranty	1 year	1 year	1 year	1 year
TESSCO Part No.	**431156**	**34843**	**20508**	**476148**
List Price: T-1 Price:	$79.00 $78.21	$69.95 $69.95	$179.95 $179.95	$549.00 $543.51
Ship lb.: T-2 Price:	2 lb. $77.42	0.9 lb. $67.86	2 lb. $174.56	5 lb. $538.02
Ship kg.: T-3 Price:	0.91 kg. $76.24	0.41 kg. $67.16	0.91 kg. $172.76	2.27 kg. $529.79

Multimeters

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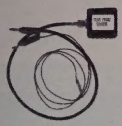
Capacitance Probes, Glass Testers [540-18]

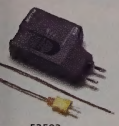
Cellular Glass Tester



Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
5716 EACH	Radiall/Larsen GT COUPLER 90 days	On-Glass tester. Use with capacitance meter to test if the glassis suitable for using a glass mounted antenna.	50.00 0.06 0.03	29.50 28.50 27.50

Temperature Meters and Accessories [540-20]

Fluke Thermocouple

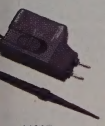


53593

Fluke thermocouple module for measuring temp on DMM's having a 10 Meg-ohm input impedance and 3mVDC scale. Provided with 80PK-1 type-K bead probe. Switch selectable Farenheit or Centigrade scales. Temperature range: -50C to 1000C or -58F to 1832F. Bead probe included.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 2135 EACH	Fluke 80KJ-9 1 Year	Thermocouple Probe type J	35.00 1 0.45	34.83 34.48 34.13
53593 EACH	Fluke 80TK 1 Year	Thermocouple Module	72.00 1 0.45	71.64 70.92 70.20

Fluke Temperature Probe



66807

Fluke temperature probe for nearly all DMMs. Switchable Fahrenheit or Centigrade scales. Can withstand up to 350V present on devices whose temperature is being measured. Basic accuracy is within 0.25%. Temperature range :-50C to +150C or -58F to +302F.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
66807 EACH	Fluke 80T-150U 1 Year	Temperature Probe	124.00 0.55 0.25	123.38 122.14 120.90

Data Logging Equipment [540-24]

Data Loggers

The Clamp-on Simple Logger is a self-contained data logging AC current probe. It requires NO USER SET UP and automatically adjusts its scale and sample rate to optimize the recording. One button operation. True RMS measurements with 0 - 600 Arms input. Storage of over 8,000 data points with a built in RS-232 port for down loading data. One year operation off a single 9V Alkaline battery. An included Windows based software package allows plotting, statistical analysis, text annotation and zoom capability.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
29476 1 EACH	AEMC Instruments CL600 1 yr	True RMS AC, clamp type, current probe logger Includes software, 6 ft. DB-9 RS-232 cable, 9V Alkaline battery and manual..	389.00 3 1.36	387.06 385.11 381.22

Data Loggers

The Simple Logger family of loggers requires NO user set-up and automatically adjusts its scale and sample rate to optimize the recording. One button operation makes these data loggers extremely easy and quick to use. A Windows-based software package is included which allows plotting, statistical analysis, text annotation and zoom capability. The Simple Logger family of products is directly compatible with the complete line of AEMC/Æ Instruments current probes and those from other suppliers. Models are available for recording V-rms, A-rms & Temperature. Can run for up to a year on one 9V Alkaline battery.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
22773 1 EACH	AEMC Instruments L230 1 yr	DC Current module. Input 4-20mA Banana input connectors.	299.00 0.5 0.23	297.51 296.01 293.02
81083 1 EACH	AEMC Instruments L320 1 yr	48 VDC max voltage. 2 terminal input with #10 terminals.	225.00 0.5 0.23	223.88 222.75 220.50

Probes and Accessories [540-30]

If you are purchasing these, you may need:

Tool Kits, Complete. . . . . page 1523

High Voltage Probe

28414

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
28414 1 EACH	Fluke 80K-6 1 yr	Fluke high voltage probe. Measures up to 6KV DC or AC. Basic accuracy is 1% of reading.	69.00 1 0.45	68.66 67.97 67.28

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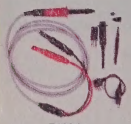
Logic Probe

56565

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
56565 1 EACH	Meterman-Wavetek LP25A 1 yr	The LP25 digital logic probe measur-esTTL,DTL,RTL,CMOS, NMOS & MOS logic levels up to 25MHz. Input Impedance:1Megohm; Operating Sup-ply range:5V DC min, 15V DC max. Features pulse, downto 30ns wide. Has tone and LED indicators.	39.95 0.28 0.13	39.95 38.76 38.36

Radio Frequency Probe



76024

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
76024 1 EACH	Meterman-Wavetek RF241 1 yr	The RF241 operates in the frequency range:100KHz-650MHz.It is designed to operate with 10 or 22M ohm input digital multimeter. Maximum input is 50 volts RMS.	69.95 0.26 0.12	69.95 67.86 67.16

High Frequency Probe

78772

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
78772 1 EACH	Fluke 85RF 1 year	Fluke 100KHz-500MHz high frequency probe to be used with DMM with input impedance of 10M ohm. Calibrated to the RMS value of a sine wave input.	99.00 1 0.45	98.51 97.52 96.53
464124 1 EACH	Agilent Technologies 85024A 1 yr	High Fequency Probe 300KHz to 3GHz RF includes: N-(m) adpt., 10:1 div., Tip, Tip driver, Hook Tip, 30mil & 12mil spare probe tips.	2,876.00 5.13 2.33	2,876.00 2,873.13 2,870.25

DC/AC Mirco-Amp Probes

478161

- Measures extremely low levels DC current from 100 micro Amps
- Low Noise Ultra-compact size and non-contact clamp-on convenience
- Designed for use with DMM's and Oscilloscopes

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
478161 1 EACH	AEMC Instruments K100 1 yr.	DC/AC MicroProbe 4.5Adc/3Aac output 1mV/mA for use with any DMM with mV inputs	509.00 2 0.91	506.46 503.91 498.82
431170 1 EACH	AEMC Instruments K110 1 yr.	DC/AC Micro-Amp Probe 450mAdc/300mAac output 10mV/mA for use with any DMM with mV inputs	549.00 2 0.91	546.26 543.51 538.02

Clamp-On AC/DC Current Probes

55061

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
55061 1 EACH	Meterman-Wavetek CT238 1 yr.	AC/DC Current Clamp for 10 mA to 20 A. 10:1 divi-sion ratio.Frequency range DC to 20 KHz. Accuracy +/-1%+2mA to 400 Hz.Hall effect sensor. Safety banana plugs.	299.95 1 0.45	299.9 290.9 287.9

Clamp-On AC/DC Current Probes

65558 24314 12620

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
65558 1 EACH	Fluke 80I-400 1 yr	AC clamp-on current probe extends the current capa-bility of an AC current meter to 400A. Safety Banana Plugs.	95.00 2 0.91	94.53 93.58 92.63
24314 1 EACH	Fluke 1410 1 yr	AC/DC clamp-on current probe. 5A to400A AC or DC. 1mV/A output. Use with voltmeter. 1.25" jaw capacity. Safety banana plugs. 9V battery powered.	154.00 1.21 0.55	153.23 151.69 150.15
12620 1 EACH	Fluke 11010 1 yr	AC/DC clamp-on current probe. 1A to700A AC, 1 to 1000A DC. 1mV/A output for use with voltmeter. 1.18" jaw capactiy. Safety banana plugs.9V battery powered.	254.00 2 0.91	252.73 250.19 247.65

Test Leads for Multimeters [540-32]

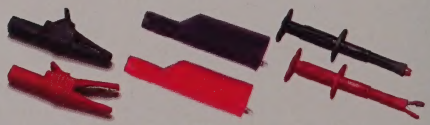
Insulated Alligator Clip

81114

Fluke slip-on insulated alligator clips. Maximum rating: 1000V, 10A. Compat able with 75025. Gold plated beryllium copper spring contacts. Opens to .313". For use with TL-70A or TL-75 leads.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
81114 2 PACK	Fluke AC70A 1 Year	Fluke slip-on insulated alligator clips.	8.00 0.09 0.04	8.00 8.00 7.88

Alligator Clip Leads



77523 69274 59917

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
77523 1 EACH	Fluke AC85A 1 yr	Fluke large jaw alligator clips. 600V 10Amp max. Includes one red and one black. For use with TL-24 leads. Standard banana socket.	12.00 1 0.45	12.00 12.00 11.82
69274 2 PACK	Meterman-Wavetek AL244 1 yr	Wavetek screw-on alligator clips for TL30, TL35, and TL245 test leads. One red, one black.	3.95 0.2 0.09	3.95 3.95 3.90
59917 1 EACH	Fluke AC20 1 yr	Fluke Industrial Test Clips are Safety-grip, spring-loaded, alligator clips with a 20mm jaw opening.	23.00 1 0.45	23.00 23.00 22.66

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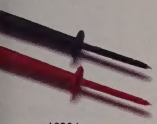
sulation Piercing Clip

25916

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
5916 ACH	Fluke AC89 1 yr	Fluke insulation piercing clip. Pierces from 30 AWG to 14 AWG wires. For use with TL-24 leads.	23.00 1 0.45	23.00 23.00 22.66

lectronic Test Probes



10204

Designed for electronic probing of high density components or boards. ICinsulator cap prevents shorting of adjacent IC legs. Probe has tapered .160" (4mm) steel tip. 1000V, 10A max. Includes one red, one black probe. FOR USE WITH TL24 leads. Elctronic Test Probe

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
204 ACH	Fluke TP80 1 yr	Electronic Test Probe for board test applications. ORDER TL24 (49846) SEPERATELY.	20.00 1 0.45	20.00 20.00 19.70

st Probes with Sharp Tip

23418

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
418 ACH	Fluke TP20 1 yr	Industrial test probes with very sharp extra-long, stainless steel tip for reaching deep test points or recessed component leads. Includes both red and black probes for use with TL-24 leads.	10.00 0.11 0.05	10.00 10.00 9.85

eedle Point Test Leads

Slim retractable 0-3 inches insulated needle point test leads adjust to desired length by extending probe up to 2.5" (63.5mm). Needle points will pierce varnish and thin insulation. 48" (1.2m). Ex[posed banana plugs. 1000V,2A maximum. One red, One black. For use with the following Fluke models: 10, 11, 12, 12B, 16, 70, 73, 75, 77, 79, 21, 23, 26, 27, 8060A, 8062A, 83, 85, 87, 87E, 787, 860 Series, 123, 45, 30, 31, 32, 33, 36, 712, 713, 715, 741, 743

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 137 CH	Fluke TL40 1 yr	Slim Test Leads, needle point.	27.00 0.19 0.09	27.00 27.00 26.60

Vay Test Lead

88239

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
39 CH	Fluke TL26 1 yr	Fluke 5-way multi- point test lead set.	35.00 1 0.45	35.00 35.00 34.48

Industrial Test Lead Set

11453

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
11453 1 EACH	Fluke TL20 1 yr	Fluke industrial test lead set, consists of 63 inch insulated leads with right angle connectors. Includes test probes and alligator clips.	45.00 0.38 0.17	45.00 45.00 44.33

Test Lead Sets

456197

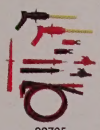
56060

67281

80495

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 456197 1 EACH	Meterman-Wavetek TL36 1 yr	Wavetek standard test leads with screw-on alligator clips. Shrouded banana plugs.	11.95 0.18 0.08	11.95 11.95 11.78
56060 1 EACH	Meterman-Wavetek TL244 1 yr	Heavy Duty test leads with shrouded 90 degree banana plugs and Ever-Sharpprobe tips that accept screw-on alligator clips (Item # 69274). 122 cm (48") long.	12.95 0.18 0.08	12.95 12.95 12.76
67281 1 EACH	Meterman-Wavetek RTL27 1 yr	Wavetek test leads for DM15,DM20 and DM25.	5.50 0.18 0.08	5.50 5.50 5.42
80495 1 EACH	Meterman-Wavetek TL245 1 yr	Wavetek test leads for HD110,DM45 and and the 300 series.	10.95 0.18 0.08	10.95 10.95 10.79

Deluxe Test Lead Kit



98705

Wavetek deluxe test lead kit for the DM45,HD110 and the 300 series.Includes test leads with probes and plugs, alligator clips, tips,clip-on prods, and a pouch. Also has spring loaded retractable tips.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
98705 1 EACH	Meterman-Wavetek DL248C 1 yr	Wavetek deluxe test lead kit for the DM45,HD110 and the 300 series.	57.95 0.65 0.3	57.95 57.95 57.09

Simpson Test Leads

53517

91910

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
53517 1 EACH	Simpson Electric Co 00043 1 yr	Simpson reverse insulated test leads with screw on alligator clips. For use with:260-7, 260-8, 8P, 8PRT, 8RT, 270-5, 5RT, 460-5, 6, 461, 462, 463, 464-4, 360-3, 467, 470, 474, 16979 & 14510. Red and Black leads	19.95 0.29 0.13	19.95 19.46 18.96
91910 1 EACH	Simpson Electric Co 00125 1 yr	Simpson red and black test leads with screw on alligator clips and 90 degree banana plug inputs for the 250, 255, 260-6XL, 6XLMP, 6XLP, 6XLM meters.	17.00 0.05 0.02	17.00 16.58 16.15
NEW 75851 1 EACH	Simpson Electric Co 00834 1 yr	Grab-N-Go case for 260 series. With lead storage box 9"x 7"x 6"	53.50 0.7 0.32	53.50 52.17 50.83

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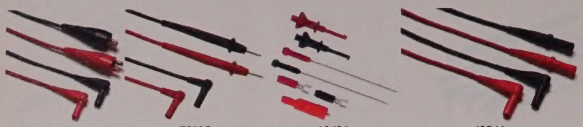
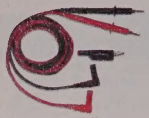
Test Leads



36632 75025 19436 49846



32650

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36632 1 EACH	Fluke TL28 1 yr	Fluke test lead set. Includes one black & one red lead. The leads have copper clips on one end & a shrouded right angle connector at the other.	25.00 1 0.45	25.00 25.00 24.63
NEW 416151 1 EACH	Fluke TL71 1 yr	Fluke right angle test lead set with safety-shrouded banana plugs. 48 inches long. Maximum rating: 10A or 1500V.	15.00 0.26 0.12	15.00 15.00 14.78
75025 1 EACH	Fluke TL75 1 yr	Fluke right angle test lead set with safety-shrouded banana plugs. 48 inches long. Maximum rating: 10A or 1500V.	12.00 0.26 0.12	12.00 12.00 11.82
19436 1 EACH	BK Precision TL-3	Accessory tip kit, threaded for secure fit to TL-2 handles. Consists of spring hook component clipsalligator clips, ex-tension tips to reach tight access test points and insulated to tip.	16.00 0.75 0.34	16.00 16.00 16.00
49846 1 EACH	Fluke TL24 1 yr	Flexible, silicone- rubber insulated, heat resistant test leads. Has shrouded right angle connectors on one end and straight shrouded connectors on the other. One each red and black leads.	18.00 1 0.45	18.00 18.00 17.73
32650 1 EACH	BK Precision TL-2A	Deluxe test leads, fits all "Test bench, "Tool kit", and "Survivor" DMM's. Flexible handles, threaded shank accepts TL-3 tips, 1000V, 10A rating.	20.00 0.26 0.12	20.00 20.00 20.00

Cases for Meters [540-40]

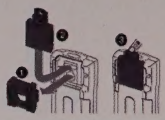
Holsters and Cases

24667 51095 61316

37881

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
24667 1 EACH	Fluke C90 1 yr	FLUKE zippered soft carry case. Made of fabric backed vinyl with padded interior Pocket for test leads. Will fit 20,70,80, 110,170,180 series multimeters	20.00 0.29 0.13	19.90 19.70 19.50
51095 1 EACH	Fluke C25 1 yr	FLUKE soft carry case for models 25, 27 21, 23,70, 110, 170, 180 series in C70 holster, 80 series in C81 holster. Water resist. zipper. 2 inside pockets Grey.	25.00 0.34 0.15	24.88 24.63 24.38
61316 1 EACH	Fluke C12A 1 yr	Fluke soft carry case for the 10,11, and 12 multimeters.	14.00 1 0.45	13.93 13.79 13.65
37881 1 EACH	Fluke C50 1 yr	Fluke compact soft vinyl carry case with belt clip. Holds meter, manual and leads. Fits Fluke 21, 23, 50 and 70 series meters.	19.00 1 0.45	18.91 18.72 18.53

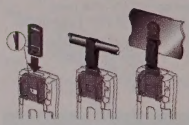
LockPak for 80 Series IV



33204

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
33204 1 EACH	Fluke LPAK 80-4 1 yr	The LockPak fits 80 series IV multimeter. Allows the meter to be locked with a cable or padlock for those time when you leave the meter unattended for extended data logging.	15.00 0.3 0.14	14.93 14.78 14.63

ToolPak for 80 Series IV



71597

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
71597 1 EACH	Fluke TPAK 80-4 1 yr	The ToolPak fits 80 series IV multimeter. Allows the meter to hang anywhere, freeing your hands for measurement. 9" and 17" hook and loop fastener, magnet hanger, and universal hanger included.	25.00 0.3 0.14	24.88 24.63 24.38

Fluke Clamp Meter Holster

494185

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
494185 1 EACH	Fluke H3 1 yr	FLUKE Holster fits any 330 series clamp meter with belt loop with a snap.	19.95 1 0.45	19.85 19.66 19.46

Hard Case for Fluke DMMs

64309

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
64309 1 EACH	Fluke C100 1 yr	Fluke hard case for all Fluke handheld DMMs/thermometers. Fits with or without holster attached.	30.00 2 0.91	29.85 29.55 29.25

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olster for Fluke DMMs

76274 97736 88396

t No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
274 ACH	Fluke C70Y 1 yr	Fluke yellow holster for 20 series and 70 series multimeters. Stores test leads & probes. Includes tilt stand and belt clip.	17.00 0.75 0.34	16.92 16.75 16.58
736 ACH	Fluke C10 1 yr	Fluke semiflexible yellow plastic holster for the 10, 11 & 12 multimeters.	12.00 0.5 0.23	11.94 11.82 11.70
396 ACH	Fluke C81G 1 yr	Fluke grey holster for the 83, 85, 87 meters. Stores test leads & probes. Includes flex stand.	16.00 0.75 0.34	15.92 15.76 15.60

st Lead Case

78133

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
133 ACH	Fluke C75 1 yr	Fluke test lead case. Vinyl carrying case w/ two inside pockets. Designed to carry test leads, small test probes or clips. Dimensions are 7.25"x4.25"x1.25".	10.00 1 0.45	9.95 9.85 9.75

ke 45 Carry Case

89488

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
88 CH	Fluke C40 1 yr	Fluke soft vinyl plastic carrying case for the 45 bench top multimeter. Separate compartments for test leads and accessories.	50.00 1.79 0.81	49.75 49.25 48.75

vetek DMM Carry Cases

1497 98073

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
68 CH	Meterman-Wavetek VC20 1 yr	Wavetek padded vinylcase with zipper, belt loop & clip forDM5XL, DM10XL, & DM15XL. Fits meter without holster.	11.95 0.25 0.11	11.95 11.60 11.48
85 CH	BK Precision LC-29B	BK PRECISION padded vinyl case for the Tool Kit, Test Benchand Survivor DMM's.	17.00 0.32 0.15	17.00 17.00 17.00
97 CH	Meterman-Wavetek VC30 1 yr	Padded vinyl case. Fits XT series:23, 25, 27 without holster. Fits XL series:5,10,15 with holster.	14.95 0.25 0.11	14.95 14.51 14.36
73 CH	Meterman-Wavetek VC221A 1 yr	Wavetek padded vinylcase with zipper, belt loop & clip forHD110, DM25L, and TECH310.	15.95 0.4 0.18	15.95 15.48 15.32

Simpson Roll Top Case

27089

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
27089 1 EACH	Simpson Electric Co 00248 1 yr	Simpson roll top case for the 260-8, 270-5 meters.	53.35 4.73 2.15	53.33 52.00 50.67

Holsters and Cases

43178 77447

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
43178 1 EACH	Simpson Electric Co 00832 1 yr	Simpson nylon padded yellow case for the 260 series meters and the TS111-3 meter. Alllows use of meter in case.	53.95 1.08 0.49	53.95 52.61 51.26
77447 1 EACH	Simpson Electric Co 00805 1 yr	Simpson vinyl carry case for all 260 series meters. Allows for these high usage of meter without removing from the case.	70.60 1.6 0.73	70.60 68.84 67.07

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DC Power Supplies, Precision [665-10]

If you are buying these, you may need:

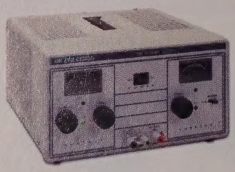
Tool Kits, Complete.....page 1523
Workbenches, Complete.....page 1649

Single Output DC Power Supplies

- Compact style reliable and durable
- Course and fine adjustments
- Voltage output 30Vdc regualtion 0.2% +/- 3mV
- Current output 3Amps regulation 0.2% +/- 3mA
- Power: 120VAC 60 Hz @ 220W
- Dimensions: 8.07" H x 4.53" W x 10.63" D
- Weight: 16.3 lbs.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Output Voltage (VDC), Output Current (Amps)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
414059 1 EACH	BK Precision 1627A 1 year	Variable DC Power Supply Voltage 3-digit LED. 30VDC 3 Amps	239.00 15.9 7.23	236.61 234.22 230.64
NEW 443162 1 EACH	BK Precision 1670 1 year	Variable DC Power Supply Voltage 2-digit LCD. 30VDC 2.5 Amps	199.00 15.9 7.23	220.08 220.08 220.08
447027 1 EACH	BK Precision TL-5A 1 year	Banana Plug 5A test leads for power supplies	9.00 0.5 0.23	9.00 9.00 9.00
481089 1 EACH	BK Precision TL-30 1 Year	Spade Lug test leads 30A rating for DC power supplies	12.50 0.5 0.23	12.51 12.51 12.51

General Purpose DC Power Supplies



- Single Output DC Power Supply
- Operates continuously at full load without over-heating
- Course and fine voltage controls
- Voltage output 35Vdc regulation 0.2% +/- 2mV
- Current output 6Amps regulation 0.4% +/- 5mA
- Power: 120VAC 60Hz @ 420W
- Dimensions: 5.7" H x 10.5" W x 15" D
- Weight: 24 lbs.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Output Voltage (VDC), Output Current (Amps)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
424053 1 EACH	BK Precision 1743 1 year	Variable DC Power Supply 3-digit LED display green and red. 35VDC 6 Amps	515.00 30 13.64	509.85 504.70 496.98

Triple Output DC Power Supplies

- Triple Output DC Power Supply
- Voltage Output (A&B) 24Vdc @ 0.5Amps, 5V fixed @ 4 Amps DC
- Voltage Regulation: 0.01% +/-3mV
- Current Regualtion: 0.25 +/-6mA
- Independent or tracking operation Connect outpu in series for higher voltage or parallel for higher cu rents (switch selectable)
- Power: 108-132VAC 60Hz @ 165W
- Dimensions: 5.5" H x 11.75" W x 10.97" D
- Weight: 10.5 lbs.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Output Voltage (VDC), Output Current (Amps)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 58659 1 EACH	BK Precision 1760 1 year	B+K Precision Triple output bench power supply. One 4-6.5 VDC at 5 A supply, and two 0-30 VDC at 2A sup-plies. Digital meters for voltage and current. Tracking 1-6Vdc and 2 0-30 Vdc 5 Amp @ 6V and 2 Amps @30 Vdc	650.00 22 10	643.5 637.0 627.2
441086 1 EACH	BK Precision 1651A 1 year	Triple output DC power supply Analog readout includes: 3 pair TL-5 leads, spare fuse and manual Two 24Vdc & 5V DC fixed 0.5A @ 24V and 4Amps @ 5V	435.00 20 9.09	430.6 426.3 419.7

Tektronix Triple Output DC Power Supply

- Dual LED 3-1/2 digit display
- Triple Output Power supply bench or portable
- Voltage Output: Dual 30Vdc regulation <0.01% +5mV, Fixed 5Vdc regulation <10mV
- Current Output: Dual 30V, 2.0 Amp, parallel mode 4 amp max. with variable current limiting
- Applications: Field, Bench Calibration and Repair, Product Design, Education/Training, Manufacturing Production
- Power: 110V/220Vac, 50/60Hz
- Dimensions: 10" x 5.7" x 13.2", Weight 25.4 lbs.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Output Voltage (VDC), Output Current (Amps)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 76791 1 EACH	Tektronix PS280 1 year	Triple Output power supply Two: 30Vdc & One: 5Vdc 2.0A & 3.0A (5V)	890.00 30 13.64	885.5 881.1 872.2

High Current DC Power Supplies

The 1790/1791 high current power supply is ideal for telecom applications offering a low noise output, so that power does not interfere with testing of telecom devices. For telecom industry that operates from 48Vdc or higher: base stations, switches, public and pr vate telecom network equipment, PBX systems and D to DC power supplies that power equipment.

- Continious High Current operation Low Noise
- Voltage output 32Vdc regulation 0.01% +/- 2mV
- Current output 20A regulation 0.05% +/-10mA
- Ripple Noise 6mA rms max.
- Power: 120/230V, 60Hz consumption 1725W
- Dimensions: 19" W x 5.25" H x 15.75" D
- Weight: 62 lbs.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Output Voltage (VDC), Output Current (Amps)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
461045 1 EACH	BK Precision 1790 1 year	High Current DC power supply 3-digit LED display red and green bench or 19" rack mount. 32VDC 20 Amps DC	1,350.00 70 31.82	1,336.5 1,323.0 1,302.7
495162 1 EACH	BK Precision 1791 1 year	High Current/Voltage DC power supply 3-digit LED display red and green bench or 19" rack mount. 64VDC 10V Amps DC	1,350.00 70 31.82	1,336.5 1,323.0 1,302.7

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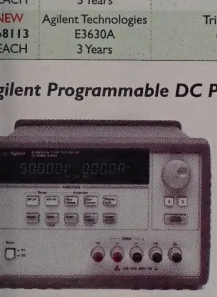
gilent Basic DC Power Supplies

Affordable, full-featured benchtop power supplies provide excellent performance and flexibility. The E3600 series offers clean power with dependable regulation and fast transit response.

- rescision Linear DC Power Supplies
- ingle, dual or triple outputs
- 0-Turn voltage and current controls
- igital voltage and current meters
- lodels: E3611 & E3612 offer dual range, Constant Voltage and Constant Current modes
- Models: E3616A &E3617A offer adjustable overload protection, voltage and resistance programming, remote sense, rear outputs, and CV & CC modes
- Models: E3620A Isolated Dual outputs & E3630A Triple output with 10-turn pots and CV and CL modes
- Power: 115 VAC, 47-63 Hz (Std.): Optional 230 VAC 47-63 Hz
- Dimensions: Models E3611/12/20/30A 3.6" x 8.4" x 12.6", Models: E3616/17A 3.6" x 8.4" x 14.7"
- Output Connections: Standard Banana Plugs, or hard-wired

rt No. y/Uom	Manufacturer Mfg. P/N Warranty	Description Output Voltage (VDC), Output Current (Amps)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 34193 EACH	Agilent Technologies E3611A 3 Years	Single Output 30 Watt Power Supply 20VDC and 35VDC, 1.5A and 0.85Amps DC	327.00 15 6.82	327.00 326.68 326.35
NEW 51190 EACH	Agilent Technologies E3612A 3 Years	Single Output 30 Watt Power Supply 60VDC and 120VDC, 0.5A and 0.25Amps DC	327.00 15 6.82	327.00 326.68 326.35
NEW 12192 EACH	Agilent Technologies E3616A 3 Years	Single Output 60 Watt Power Supply with over-voltage protection 35VDC, 1.7Amps DC	558.00 18 8.18	558.00 557.45 556.89
NEW 77172 EACH	Agilent Technologies E3617A 3 Years	Single Output 60 Watt Power Supply with over-voltage protection 60VDC, 1Amps DC	558.00 18 8.18	558.00 557.45 556.89
NEW 0125 EACH	Agilent Technologies E3620A 3 Years	Dual Output 50 Watt Power Supply 25/.-25VDC, 1Amps DC	558.00 15 6.82	558.00 557.45 556.89
NEW 58113 EACH	Agilent Technologies E3630A 3 Years	Triple Output 35 Watt Power Supply 6/20/-20VDC, 2.5/0.5Amps DC	558.00 15 6.82	558.00 557.45 556.89

gilent Programmable DC Power Supplies



Agilent programmable DC power supplies offer performance of system power supplies without the high price. Their low noise and excellent regulation are essential for R&D, general purpose bench testing, production, Sub-assembly tests, Bias Power for circuits and QA verification. All models offer clean power, dependable regulation and fast transient response with built-in GPIB and RS-232 interfaces.

- atures: Single and Dual Output Models
- W, 50W, 80W, 120W and 200W output power
- w noise and excellent regulation
- Over-voltage and Over-current protection
- Built-in GPIB and RS-232 interfaces
- Dimensions: (E3641A/43A/45A) 10" x 4.1" x 14.7", (E3649A) 8.9" x 5.2" x 14.7"

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description Output Voltage (VDC), Output Current (Amps)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 4162 ACH	Agilent Technologies E3641A 3 Years	Single Output 30 Watt Power Supply 35VDC and 60VDC, 0.8A and 0.5Amps DC	611.00 20 9.09	611.00 610.39 609.78
EW 0145 ACH	Agilent Technologies E3643A 3 Years	Single Output 50 Watt Power Supply 35VDC and 60VDC, 1.4A and 0.8Amps DC	716.00 20 9.09	716.00 715.29 714.57
EW 3177 ACH	Agilent Technologies E3645A 3 Years	Single Output 80 Watt Power Supply 35VDC and 60VDC, 2.2A and 1.3Amps DC	874.00 20 9.09	874.00 873.13 872.26
EW 5175 ACH	Agilent Technologies E3632A 3 Years	Single Output 120 Watt Power Supply 15VDC and 30VDC, 7A and 4Amps DC	1,037.00 30 13.64	1,037.00 1,035.97 1,034.93
EW 4137 ACH	Agilent Technologies E3634A 3 Years	Single Output 200 Watt Power Supply 25VDC and 50VDC, 7A and 4Amps DC	1,242.00 30 13.64	1,242.00 1,240.76 1,239.52

Tektronix Programmable DC Power Supplies

The power supplies can be operated in one of three modes: independent, series or parallel. In the two tracking modes, the variable outputs are connected either in series or parallel, the controls of the master supply adjust the voltage or current of both. Each power supply features 100 memories to store voltage and current limits for instant recall via front panel or GPIB interface.

- Triple Output Programmable power supply
- Dual 4-Digit LED Display Output, SCPI compatible
- Internal memory 100 readings, GPIB (SCPI), and Overload protection
- Power: 110/220Vac, 50/60 Hz

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Output Voltage (VDC), Output Current (Amps)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 98504 1 EACH	Tektronix PS2520G 1 year	Triple output programmable power supply Includes: 3 test leads, manual and power cord (2) 36Vdc & (1) 6Vdc 1.5A (36V), & 3A (6V)	1,655.00 30 13.64	1,646.73 1,638.45 1,621.90
NEW 476217 1 EACH	Tektronix PS2521G 1 year	Triple output programmable power supply, Includes 3 pair test leads, manual and power cord (2) 20Vdc & (1) 6Vdc 2.5A (20V) & 5A (6V)	1,655.00 30 13.64	1,646.73 1,638.45 1,621.90

Test Cables [660-10]

RF Industries 14pc Test Kit

Cable assemblies made from Mil C-17/URG58A/U cable with strain relief and wall hanger. Includes: One Each: UHF-M/UHF-M, UHF-M/N-M, UHF-M/BNC-M, UHF-M/TNC-M, N-M/N-M, N-M/BNC-M, N-M/TNC-M, BNC-F/BNC-F, BNC-M/BNC-F, BNC-M/TNC-M, TNC-M/TNC-M and Three each of BNC-M/BNC-M. A handy wall stores them for instant access. 50 Ohm impedance, 150 watt max power rating. 0.2dB insertion loss.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Comments	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
23045 1 EACH	RF Industries RFA-4075-48 30 days	14 pc Cable Kit	171.55 10 4.54	158.66 156.95 154.37
83228 1 EACH	RF Industries RFW-1999 30 days	Cable Rack (cables not included)	7.10 0.4 0.18	6.55 6.48 6.38

RF Industries 6 pc Test Kit

Cable assemblies made from Mil C-17/URG58A/U cable with strain relief and wall hanger. Includes: One Each: UHF-M/UHF-M, UHF-M/N-M, UHF-M/BNC-M, N-M/BNC-M, and two each BNC-M/BNC-M with a handy wall rack. 50 Ohm impedance, 150 watt max power rating.0.2 dBinsertion loss.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Comments	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
99831 1 EACH	RF Industries RFA-4076-48 30 days	6 pc Cable Kit	128.15 5 2.27	118.51 117.23 115.30

Cascade Test Cables

Save time and money by using these 3' Cascade test cables between antenna, test equipment, or tranceiver port. No need to waste valuable technician time installing connectors when they can be purchased ready-made. Other configurations available.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Comments	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
14370 1 EACH	Wireless Solutions NM TM 30 days	N/M-TNC/M	9.55 0.21 0.1	9.36 9.08 8.60
15619 1 EACH	Wireless Solutions UM BM 30 days	UHF/M-BNC/M	6.95 0.16 0.07	6.78 6.57 6.22
25086 1 EACH	Wireless Solutions 8219 UM MF 30 days	UHF/M-MiniUHF/F	7.80 0.15 0.07	7.63 7.40 7.01

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Comments	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
26335 1 EACH	Wireless Solutions 8219 MM BM 30 days	MiniUHF/M-BNC/M	8.50 0.14 0.06	8.33 8.08 7.65
27584 1 EACH	Wireless Solutions NM BM 30 days	N/M-BNC/M	10.70 0.18 0.08	10.48 10.16 9.63
37051 1 EACH	TESSCO Services 8219 NM UF 30 days	N/M-UHF/F	10.00 0.19 0.09	9.80 9.50 9.00
39549 1 EACH	Wireless Solutions TM TM 30 days	TNC/M-TNC/M	8.50 0.16 0.07	8.33 8.08 7.65
40798 1 EACH	Wireless Solutions UM MM 30 days	UHF/M-MiniUHF/M	6.15 0.15 0.07	6.02 5.84 5.53
52763 1 EACH	Wireless Solutions NM MF 30 days	N/M-MiniUHF/F	9.30 0.18 0.08	9.12 8.84 8.37
54012 1 EACH	Wireless Solutions UM NM 30 days	UHF/M-N/M	9.85 0.19 0.09	9.63 9.33 8.84
63479 1 EACH	Wireless Solutions 8219 BM TF 30 days	BNC/M-TNC/F	10.00 0.17 0.08	9.80 9.50 9.00
64728 1 EACH	Wireless Solutions 8219 MM NM 30 days	MiniUHF Male - N Male	9.00 0.19 0.09	8.82 8.55 8.10
65977 1 EACH	Wireless Solutions NM NM 30 days	N/M-N/M	10.00 0.22 0.1	9.80 9.50 9.00
67226 1 EACH	Wireless Solutions UM UM 30 days	UHF/M-UHF/M	6.05 0.16 0.07	5.91 5.73 5.43
77942 1 EACH	Wireless Solutions 8219 TM MF 30 days	TNC/M-MiniUHF/F	8.50 0.15 0.07	8.33 8.08 7.65
79191 1 EACH	Wireless Solutions BM BM 30 days	BNC/M-BNC/M	7.80 0.14 0.06	7.63 7.40 7.01
89907 1 EACH	Wireless Solutions 8219 TF TM 30 days	TNC/F-TNC/M	10.00 0.16 0.07	9.80 9.50 9.00
91156 1 EACH	Wireless Solutions TM BM 30 days	TNC/M-BNC/M	8.25 0.16 0.07	8.09 7.84 7.43
92405 1 EACH	Wireless Solutions UM TM 30 days	UHF/M-TNC/M	7.70 0.16 0.07	7.53 7.30 6.92
35245 1 EACH	Wireless Solutions NM SMA 30 days	N/M-SMA/M	11.35 0.18 0.08	11.13 10.79 10.22
432077 1 EACH	Wireless Solutions NM SF 30 days	N/M-SMA/F	19.85 0.18 0.08	19.43 18.83 17.84

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Flashlights 1654
Fume Extraction 1661
Illuminated Magnifiers 1658
Ladders 1654
Microscopes 1659
Tool Boxes 1651
Tool Chests 1652
Workbenches, Complete 1649
Workbenches, Complete w/ Accessories 1648
Workbench Accessories 1650

Soldering Equipment & Supplies 1667
Solder & Supplies 1675
Soldering Aids 1677
Soldering, Desoldering, Hot-Air Systems 1670
Soldering Irons, Cordless 1668
Soldering Irons, Pencil, & Soldering Guns 1667
Soldering Repl. Parts Table of Contents 1677
Replacement Parts, Soldering Iron 1678
Tips, Desoldering 1686
Tips, Hot Air Soldering 1688
Tips, Soldering 1681

Static Protection Devices 1688
Accessories, Static 1694
Anti-Static Treatments 1697
Bags, Static Shielding 1688
Mats & Kits, Conductive 1688
Static, Boxes & Foam 1697
Straps, Wrist 1690
Tapes & Labels, Static 1693
Testing, Static 1696

Telecom Tools and Accessories 1619
Communication Cable Cutters 1624
Telecom Craft Tools 1619

Tool Kits, Tool Cases 1523
Bags, Tool 1540
Carts, Luggage 1540
Cases, ATA Transport 1539
Cases, Equipment Protection 1537
Cases without Tools 1531
Tool Kits, Complete 1523

Tools, Hand 1542
Brushes 1612
Circuit Testers 1616
Crimpers, Coaxial 1542
Crimpers, Terminal Lug 1545
Crimpers, Modular Plug 1548
Cutters, Precision 1574
Cutters, Standard 1577
Cutters, Large Cable 1578
Drivers, Torque 1602
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Fish Tapes & Wire Installation 1600
Forceps, Locking, & Tweezers 1596
Glue Guns 1567
Hammers 1601
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Knives & Scrapers 1563
Locks 1617
Magnetizer/Demagnetizer 1619
Multipurpose Tools 1562
Nut Drivers 1594
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Pliers & Cutters, Precision 1573
Pliers, Lineman's 1569
Pliers, Standard (5" Plus) 1568
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Screwdrivers, Individual Flatblade 1590
Screwdrivers, Phillips 1593
Screwdrivers, Precision 1607
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Screwdrivers, Torx 1592
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Tools, Battery 1610
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Tools

Cordless Drills [560-09]

If you are buying these, you may need:

Drill and Driver Accessories . . . . . page 1517
Drill Bits . . . . . page 1518
Hole Saws and Antenna Hole Drills . . . . . page 1520

Xcelite Cordless Driver

60633

The XP-1 features a multi-stage clutch, 2 speed control, 3.6VDC NiCd battery, 1 hour charger, and it UL and cUL approved. Uses standard 1/4" hex bits, or with the free included 99PA adapter, the XP-1 can use all Xcelite 99 series interchangable bits.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Voltage, Description No-Load Speed (RPM), Clutch Includes	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
60633 1 EACH	Xcelite XP1 1 yr	3.6VDC 2 Speed Screwdriver 360 RPM Torque Controlled Clutch Includes Battery pack, Charger, 2 Phillips bits, 1 slotted bit Free 99PA adapter to use 99 series.	144.00 3 1.36	119.96 110.74 102.82

Milwaukee Cordless Screwdrivers

11512

Cord-free screwdrivers have multi-position hinged handle. Six stage adjustable torque control prevents overtightning of fasteners. Manual torque capacity up to 120 in lb. Accepts 1/4" hex shaft bits and accessories. Reversible. Charges in 1 hour.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Voltage, Description No-Load Speed (RPM), Clutch Includes	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
11512 1 EACH	Milwaukee 6539-6 1 yr	2.4VDC Single speed screw driver with 6 stage torque control. 2 position hinged handle. 190 RPM Torque Controlled Clutch Includes Battery pack, Charger, 2 Phillips bits, 1 slotted bit.	144.00 3.11 1.41	110.74 102.82 99.94
36952 1 EACH	Milwaukee 6546-6 1 yr	2.4VDC 2 Speed Screwdriver 200/400 RPM Torque Controlled Clutch Includes Battery pack and charger included.	155.00 3.09 1.4	119.20 110.67 107.57
473030 1 EACH	Milwaukee 6547-1 1 yr	2.4VDC 2 Speed Screwdriver 200/400 RPM Torque Controlled Clutch Includes Battery pack, charger, chuck attachment, 8-bit set and impact resistant carrying case.	195.00 4.91 2.23	149.96 139.23 135.33

Dewalt Cordless Screwdriver

430048

- Industry's most powerful screwdriver with a maximum torque output measure of 80 in/lbs
- Variable speed trigger switch provides 0-500 RPM for fastening and pre-drilling into wood, plastic and light guage metal
- 'Quick Release' metal chuck that allows for quick screwdriver bit change and prevents bit run out
- Professional grade switch with overload protection
- 16 position adjustable clutch provides a wider range of torque settings
- Electric brake provides a greater amount of operator control

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Voltage, Description No-Load Speed (RPM), Clutch Includes	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
430048 1 EACH	Dewalt DW920K-2 1yr	7.2VDC 7.2v cordless screwdriver with 16 position clutch. Comes with 2 batteries, charger, 2 bits and case. 0-500 RPM Torque Controlled Clutch	180.00 7 3.18	138.42 128.52 124.92

Dewalt Keyless 3/8" 2 Spd VSR Drill

39532

Features Mid Handle for optimum balance. 9.6 volt 3/8" (10mm) ke less chuck. Adjustable clutch torque control (up to 156 in.lbs.) Run cool with a fan cooled motor and electric brake.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Voltage, Description No-Load Speed (RPM), Clutch Includes	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
39532 1 EACH	Dewalt DW926K-2 1 yr	9.6VDC 3/8" 2 Speed VSR Drill Driver 0-350/0-1100 RPM Torque Controlled Clutch Includes 2 batteries, 1 hour charger, Keyless chuck, and Plastic Tool Case	184.00 9 4.09	141.3 131.3 127.7

Makita 3/8" Compact Drill

15681

3/8" dual-speed (0-200/0-600 rpm) keyless chuck drill with keyless chuck. Ni clutch settings. Reversible.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Voltage, Description No-Load Speed (RPM), Clutch Includes	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
15681 1 EACH	Makita U.S.A., Inc. 6019DWE 1 yr	7.2VDC Cordless Drill Driver 200/600 RPM Torque Controlled Clutch Includes two batteries, charger and plastic tool case.	176.00 7.78 3.54	155.2 146.6 138.8

Makita Keyless 3/8" VSR Drill

39510

Compact, lightweight, 9.6v driver drill. Variable speed from 0 to 700 RPM. Keyless chuck design.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Voltage, Description No-Load Speed (RPM), Clutch Includes	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
39510 1 EACH	Makita U.S.A., Inc. 6226DWE 1 yr	9.6VDC 3/8" VSR Keyless Chuck Drill Driver 0-700 RPM Torque Controlled Clutch Includes 2 batteries, Keyless Chuck, charger and plastic tool case. replacement battery SKU 18394.	200.00 4 1.82	176.4 166.6 157.8

Makita 3/8" VSR with Flashlight Kit

67804

The same drill as the popular 6095DW drill but with two high capacity 2.2Ah NiMH batteries for 70% longer run time. Feature 3/8" keyless chuck, 6 torque settings, 2-speeds, and conveniently located forward/reverse switch. Inlcudes Makita Flashlight in this kit.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Voltage, Description No-Load Speed (RPM), Clutch Includes	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
67804 1 EACH	Makita U.S.A., Inc. 6095DWBLE 1 yr	9.6VDC 3/8" VSR Drill with Flashlight 0-900 RPM Torque Controlled Clutch Includes Two 2.2aH NiMH batteries, Charger, Keyless Chuck, Tool Case	281.00 11 5	247.85 234.08 221.71

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Dewalt Keyless 1/2" 14.4V VSR Drill

Features MID Handle for optimum balance. 14.4 volt 1/2" (13mm) keyless chuck. Adjustable clutch torque control (up to 231 in.lbs.) Runs cool with a fan cooled motor and electric brake. Kit Includes:

483158
RP Extended Run-time/Performance

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Voltage, Description No-Load Speed (RPM), Clutch Includes	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 483158 EACH	Dewalt DW983K-2	14.4VDC 1/2" VSR Drill 0-450/0-1450 RPM Torque Controlled Clutch Includes 2 XR Pak battery 1-hour charger, Keyless Chuck, Steel tool case.	370.00 14.75 6.7	284.53 264.18 256.78

Makita Keyless 3/8" 14.4V VSR Drill

Features Powerful 14.4V battery, 2 speed, variable speed, reversible, keyless chuck with patented hand-tite feature for easy bit installation.

28171

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Voltage, Description No-Load Speed (RPM), Clutch Includes	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
28171 EACH	Makita U.S.A., Inc. 6233DWAE 1 yr	14.4VDC 3/8" VSR Drill 0-400/0-1300 RPM Torque Controlled Clutch Includes 2 Batteries Phillips/slotted bit Keyless Chuck, Charger, Plastic case.	357.00 12 5.45	314.88 297.39 281.68

Dewalt Keyless 1/2" 18V VSR Drill

Features MID Handle for optimum balance. 18 volt, 1/2" keyless chuck. Adjustable clutch torque control (up to 355 in.lbs.) Runs cool with a fan cooled motor and electric brake. Kit Includes:

417185
RP Extended Run-time/Performance

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Voltage, Description No-Load Speed (RPM), Clutch Includes	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 417185 EACH	Dewalt DW989K-2	18VDC 1/2" VSR Mid Handle Drill 0-450/0-1450 RPM Torque Controlled Clutch Includes 2 XR batteries, 1-hour charger, Keyless Chuck, Steel tool case.	522.00 14.75 6.7	401.42 372.71 362.27

Dewalt 14.4 Volt 1/2" Hammer Drill

Features PISTOL Grip traditional handle. 14.4 volt 1/2" (13mm) keyless chuck. Adjustable clutch torque control (up to 220 in.lbs.) Runs cool with a fan cooled motor and electric brake. Hammers at 0-6600/0-1950 bpm in hammer drill mode.

464109
P Extended Run-time/Performance

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Voltage, Description No-Load Speed (RPM), Clutch Includes	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
464109 EACH	Dewalt DW985K-2 1 yr	14.4VDC 1/2" Pistol Grip Hammer Drill 0-600/0-1750 RPM Torque Controlled Clutch Includes 2 XR Battery Packs 1 hour charger, Keyless Chuck, Steel tool case.	404.00 13.5 6.14	310.68 288.46 280.38

18V 1/2" Hammer Drill

Powerful 18V motor develops 400 in/Lbs torque. 2.4 AH battery is reversible to work in crapmed spaces. Hammer action produces 20,800 BPM. Pistol Grip design allows more in-line force with the bit.

49126

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Voltage, Description No-Load Speed (RPM), Clutch Includes	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
49126 1 EACH	Milwaukee 0523-22 1 yr	18VDC 1/2" Keyless Chuck Hammer Drill 0-500/0-1600 RPM Torque Controlled Clutch Includes 18V (2) Batter packsbattery charger, Keyless Chuck, and tool case.	455.00 14.4 6.54	349.90 324.87 315.77

Dewalt 12VDC VSR Drill/Driver Kit

14.4 volt, heavy duty right angle drill/driver kit. 210 in-lbs of torque(maximum) for turning large bits and fasteners. Variable speed reversible.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Voltage, Description No-Load Speed (RPM), Clutch Includes	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
69675 1 EACH	Dewalt DW966K 1 Year	14.4VDC Right Angle Drill 0-1250 RPM No Clutch Includes Drill, Battery, Charger, Case.	352.00 8 3.64	270.69 251.33 244.29

Makita Heavy Duty 3/8" Angle Drill

9.6 volt 3/8" keyless chuck angle drill. Perfect for close work with the power of the other 9.6 volt models. Variable speed, reversible. It has an electric brake and overload protection. Measures only 4.5" from tip of the chuck to widest portion of tool body! Our MOST POPULAR cordless angle drill!!!

21801

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Voltage, Description No-Load Speed (RPM), Clutch Includes	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
21801 1 EACH	Makita U.S.A., Inc. DA391DW 1 yr	9.6VDC Heavy Duty Right Angle Drill 0-800 RPM No Clutch Includes Battery, Charger, Tool Case	215.00 7.59 3.45	189.63 179.10 169.64

Power Drills [560-10]

If you are buying these, you may need:

Drill and Driver Accessories . . . . . page 1517
Drill Bits . . . . . page 1518
Hole Saws and Antenna Hole Drills . . . . . page 1520
Extension Cords, Outlet Strips . . . . . page 1662

3/8" VSR Power Drills

3/8" variable speed, reversing power drill. High torque motor with ball bearing construction. Convenient belt clip is built in.

411399 452377

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Voltage Speed Range, No-Load Speed (RPM) Includes	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 411399 1 EACH	Dewalt D21009 1 Year	3/8" Ratcheting All-Metal Keyless Chuck offers greater bit retention; 6 Amp motor; All ball-bearing construction; 8 Amp Switch provides extended tool life; 480W 120V 0-2,500 RPM; Single Gear Reduction 0-2,500 RPM	111.00 4.2 1.91	85.36 79.26 77.04

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Voltage Speed Range, No-Load Speed (RPM) Includes	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **452377** 1 EACH	Dewalt D21002 1 Year	DeWalt Heavy-Duty VSR Drill. Built-in two-way level. Drill accurate vert & horiz holes. 480 Watts Out; 6Amps; No-load speed 0-2500 RPM; 3/8" Chuck 120V/ 60Hz 0-2,500 RPM 0-2,500 RPM Chuck key w/holder	104.00 4.2 1.91	79.98 74.26 72.18

Dewalt 1/2" Hammer Drill

416362 493379

1/2" hammer drill. Dual speed range with an electronic variable speed switch allows maximum performance with a variety of bit diameters and materials. The DW505 is ergonomically designed and lightweight to reduce user fatigue.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Voltage Speed Range, No-Load Speed (RPM) Includes	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **416362** 1 EACH	Dewalt DW005K-2 1 Year	Heavy-Duty 24V SDS Rotary Hammer with Chipping Function Kit. 24V 0 - 5,800 Blows-per-minute 0 - 1,150 RPM Kit: 24V SDS Rotary Hammer with Chipping Function; Handle; 2 BAtteries; 1 Charger; Case	960.00 27.5 12.5	738.24 685.44 666.24
NEW **493379** 1 EACH	Dewalt DW006K-2 1 Year	DEWALT Heavy-Duty 1/2" (13mm) 24V Cordless Hammerdrill/Drill Kit. 24V 0-7,650/0-34,000 blows-per-minute; Max. Torque 550 in-lbs 0-450/0-2,000 rpm KIT: Heavy-Duty 1/2" (13mm) 24V Cordless Hammerdrill/Drill; 2 Batteries; Charger; Case	700.00 21.25 9.66	538.30 499.80 485.80

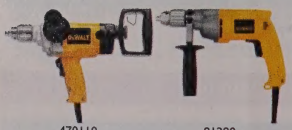
Dewalt Power Angle Drill

38823

Power Angle Drill. 3/8" heavy duty 3.2 amp motor. Double insulated. Ball bearing construction for long life. Paddle switch allows one hand operation.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Voltage Speed Range, No-Load Speed (RPM) Includes	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
38823 1 EACH	Dewalt DW160 1 yr	3/8" Angle Drill 120V 3.2A 1200 rpm Drill Chuck and Chuck Key.	239.00 4.45 2.02	183.80 170.65 165.87

Heavy Duty 1/2" VSR Drill



470110 81290

Heavy Duty 1/2" (13mm) VSR Drill features a 7.8 Amp motor which allows variable speed from 0 to 600 RPM. Two finger soft grip trigger switch increases operator comfort. Metal gear housing and helical cut steel heat treated gears ensure long-lasting performance. Includes a 360 degree handle.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Voltage Speed Range, No-Load Speed (RPM) Includes	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **470110** 1 EACH	Dewalt DW130 1 yr	Heavy Duty 1/2" Spade Handle Drill 115V 7.0A Variable 0-450 Drill chuck, Chuck key, and stabalizer handle.	292.00 8.9 4.05	224.55 208.49 202.65
81290 1 EACH	Dewalt DW245 1 yr	1/2" VSR Drill 115V 7.8A Variable 0-600 Drill chuck, Chuck key, and stabalizer handle.	252.00 6.08 2.76	193.79 179.93 174.89

Milwaukee 1/2" Magnum Hammer Drills

Milwaukee 1/2" Magnum Hammer-Drill features reversing trigger speed control with the quick-lok cord set. Specific designed for Percussion Carbide-Bit drilling in concrete an masonry as well as non-hammer drilling in wood and meta

- Drives concrete Screw Fasteners
- Removable brush cartridge system
- All ball and roller bearings
- 5.5 Amp motor
- 5377-6 Kit includes Steel Carry case and Percussio Bits: 3/16, 1/4, 5/16, 3/8"

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Voltage Speed Range, No-Load Speed (RPM) Includes	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
82730 1 EACH	Milwaukee 5377-6 1 yr	1/2" VSR Hammer Drill 120V 5.5A Variable 0-1000/0-2500 side handle, depth rod, keyless chuck, Bits, and Steel Carry Case	371.00 15.25 6.93	285.3 264.9 257.4

Dewalt 1-1/8" SDS Rotary Hammer

446174

Heavy Duty Rotary Hammer features variable speed, Soft Gr (rear and side handles) and Dual Mode (rotation only, or ratc hammer). Removeable SDS chuck assembly. Common usage range 3/8" to 1-1/8". Includes a depth rod. Has 3.34 Ft.Lbs impact energy with 0-4100 BPM.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Voltage Speed Range, No-Load Speed (RPM) Includes	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **446174** 1 EACH	Dewalt DW567K 1 yr	Heavy-duty 1" SDS Rotary Hammer Kit with Chiseling Feature 120VAC Variable 0-1, 150rpm; 0-5, 800bpm Side handle, depth rod, and kit box	400.00 6.6 3	307.6 285.6 277.6

Engraver

96265

GROBET electric engraver. Rugged, industrial engraver with tungsten ca bide point. 7200 strokes per minute.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Voltage Speed Range, No-Load Speed (RPM) Includes	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
96265 1 EACH	Grobet 36.860 90 Days	Rugged industrial engraver with tungsten carbide point. 7200 strokes per minute. 120V 7200spm tungsten carbide point	51.00 2 0.91	51.00 47.18 45.90

Heavy Duty Angle Grinder

455141

Features: 7.5 Amp, 10,000 rpm motor provides high power, overload protection and speed for 4-1/2" grinding application AC/DC capacity works off welding machines and generators f increased productivity and versatility; 3-position removable sid handle for greater comfort and control

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Voltage Speed Range, No-Load Speed (RPM) Includes	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **455141** 1 EACH	Dewalt DW402 1 yr	Heavy-Duty 4 1/2" Small Angle Grinder 120V 7.5A 10000 rpm Depressed center wheel, wrench, backing flange, clamp nut and guard.	170.00 4.5 2.05	130.73 121.38 117.98

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Drill and Driver Accessories [560-11]

If you are buying these, you may need:

Cordless Drills ..... page 1514
Power Drills ..... page 1515
Drill Bits ..... page 1518
Hole Saws and Antenna Hole Drills ..... page 1520

ewalt 90 Minute Automotive Charger

79308

12 VDC automotive/marine charger charges all DeWalt 7.2, 9.6, 12.0, 14.4 and 18.0 volt battery packs. Designed for continous charging without overheating.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
308 ACH	Dewalt DW9109 1 yr	1 Hour vehicle charger Recharges 7.2,9.6,12.0,14.4, and 18.0 volt batteries in 1 hour or less. Plugs into a 12 volt cig lighter socket.	112.00 1.71 0.78	86.13 79.97 77.73

ewalt 1 Hour 18V Battery Charger

28897

120 VAC charger charges all dewalt batteries including XR packs in 1 hour or less. Includes LED charging status indicator. Automatic start - no resetting for hot packs. Will maintenance charge to keep batteries ready to use.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
897 ACH	Dewalt DW9116 1 yr	1 hour Multi Voltage Charger Recharges 9.6, 12, 14.4, and 18.0 volt heavy duty and XR battery packs. Do not use with standard DeWalt packs (DW9050DW9048, DW9046)	82.00 1.5 0.68	63.06 58.55 56.91

akita Battery Chargers

Battery Chargers for Cordless Drills

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
759 CH	Makita U.S.A., Inc. 113103-2 1 yr	1 Hour Dual Charger For 7.2 and 9.6 VDC batteries. Plug into 115 VAC outlet to charge.	72.60 3 1.36	64.01 60.46 57.26
964 CH	Makita U.S.A., Inc. DC1822 1 Year	Automotive charger 7.2, 9.6, 12, 14.4V batteries. Plugs into cig. lighter to charge. Makita's batteries, charger will charge NI-MH & NI-Cd batteries	94.55 1.5 0.68	83.39 78.76 74.60

ewalt XR Extra Run Batteries

5068 83461 28893

High capacity (1.7ah) batteries provide 25% more run time than standard batteries. Long life rated for 1200 charge cycles.

uing product table (1 of 2)

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
68 CH	Dewalt DW9071 2 yr	12.0 Volt XR pack battery	78.00 1.25 0.57	59.99 55.70 54.14

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
83461 1 EACH	Dewalt DW9091 2 yr	14.4 Volt XR pack battery	89.00 2 0.91	68.45 63.55 61.77
28893 1 EACH	Dewalt DW9096 2 yr	18.0 Volt XR pack battery	138.00 1.25 0.57	106.13 98.54 95.78

Makita Drill Batteries

15543

Replacement Batteries for Cordless Drills

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
15543 1 EACH	Makita U.S.A., Inc. 632002-4 1 yr	Replacement Battery For use with all Makita 7.2V tools with a removable battery. One hour fast charge.	46.90 1.06 0.48	41.35 39.06 36.99
16821 1 EACH	Makita U.S.A., Inc. 192271-4 1 yr	Replacement Battery For use with Makita 6211 DW drill. 12 volt battery.	73.45 1.06 0.48	64.79 61.19 57.96
27508 1 EACH	Makita U.S.A., Inc. 632007-4 1 yr	Replacement Battery For use with all Makita 9.6V tools using a removable battery. One hour fast charge.	56.35 1.2 0.55	49.71 46.94 44.46

Milwaukee Batteries

460339 82951

24V XR+ Pack FAN COOLED Extended Run-Time Battery; High capacity XR+ø Pack battery offers extended run time without sacrificing number of recharges; Powers entire DEWALTÆ line of 24V tools; Durable slide rail interface keeps battery securely in place even during the most extreme applications.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
17336 1 EACH	Milwaukee 48-11-0100 1 yr	Spare Battery Pack For use with the EZ502, EZ502-2, EZ1320, 6550-20, 6538-1, 6539-6, 6540-1, 6545-6, 6546-6, 6547-1 screwdrivers. color red. 2.4volt.	36.00 0.3 0.14	36.00 24.99 23.69
NEW 460339 1 EACH	Dewalt DW0242 1 Year	24V XR+ Pack FAN COOLED Extended Run-Time Battery; High capacity charger	180.00 3.3 1.5	138.42 128.52 124.92
73178 1 EACH	Milwaukee 48-11-0200 1yr	12 Volt, 1.7 AH Battery pack	88.00 1.55 0.7	88.00 61.08 57.91
82951 1 EACH	Milwaukee 48-11-2200 1 Year	18 Volt, 2.0 AH Battery pack	118.90 2.64 1.2	91.44 84.90 82.52

Holsters

442353

DeWalt Drill Ballistic Nylon Tool Belt; Size: Small/Medium Size:28"-38";4 pc set includes:pouch w/12 pockets, nail pouch w/8 pockets;hammer holder;3" work belt

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 442353 1 EACH	Dewalt DS100SM 1 year	DeWalt Drill Ballistic Nylon Tool Belt; Size: Small/ Medium Size: 28"-38"; 4 pc set includes: pouch w/12 pockets, nail pouch w/8 pockets; hammer holder; 3" work belt	138.00 5.25 2.39	106.13 98.54 95.78

Tools

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Tools

Holsters

59837

Makita drill holsters for most Makita Drill/Drivers

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
59837 1 EACH	Makita U.S.A., Inc. 823032-A 1yr	Black Nylon Heavy Duty Drill Holster with custom casing	17.05 1 0.45	15.01 14.17 13.43

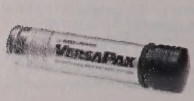
Chargers

24726

Battery Chargers for Cordless Drills

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
24726 1 EACH	Milwaukee 48590180 1 yr	Battery Charger Use with EZ502, EZ502-2, EZ1320, 46-01-4365 cordless screwdrivers. 115VAC input. Includes built in bit holder.	73.00 1.66 0.75	73.00 50.67 48.04

VERSAPAK Batteries and Chargers



63278

76492

VERSAPAK system allows the use of several tools that all use the same battery and chargers. You only need to purchase the batteries and charger once, then add tools as desired. Batteries are rated for 300 full charges and have no memory effect.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
63278 1 EACH	Black & Decker VP100 90 days	Single Versapak Battery.	19.70 0.37 0.17	15.12 14.04 13.65
76492 1 EACH	Black & Decker VP135 90 days	Starter system. Includes dual port charger and TWO Versapak batteries. For overnight charge.	49.00 1.38 0.63	37.67 34.98 34.00

Drill Bits [560-12]

If your are buying these, you may need:

Cordless Drills . . . . . page 1514
Power Drills . . . . . page 1515
Drill and Driver Accessories . . . . . page 1517
Hole Saws and Antenna Hole Drills . . . . . page 1520

Screw Extractor Kits

457330

WIRELESS SOLUTIONS Drill-Out Kits are Case-hardened tool-steel screw extractors designed to remove standard and metric screws in a wide variety of sizes. Requires reversible power drill.

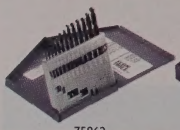
Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 468314 1 EACH	Wireless Solutions P450S 30 Days	4 pc kit. to remove standard & metric screws: #5 to 1/4"; metric #M3 to M6. Requires reversible power drill.	35.60 0.6 0.27	30.09 27.10 27.10

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW 421368 1 EACH	Wireless Solutions P401S 30 Days	4 pc kit to remove standard screws: 1/4", 5/16", 3/8", 1/2" or metric #M6,M8,M10,M12. Requires reversible power drill for use. to remove standard screws: 1/4", 5/16", 3/8", 1/2" or metric #M6,M8,M10,M12.	52.90 0.6 0.27	44. 40. 40.
NEW 457330 1 EACH	Wireless Solutions 701S 30 Days	7pc Drill-Out Extractor Kit to remove standard screws:#5 to 1/4";or metric #M3-M6. Requires rev power drill. removes standard screws:#5 to 1/4";or metric #M3-M6.	74.95 0.9 0.41	63. 56. 54.
NEW 426326 1 EACH	Wireless Solutions 601 30 Days	3 pc Drill-Out screw extractor kit to remove standard screws: #5 to 14"; Metric screws #M3 to M6. Requires reversible power drill. Remove standard screws: #5 to 14"; Metric screws #M3 to M6.	49.95 0.5 0.23	42. 37. 36.

Jobbers Length Drill Bits



75862

96896

Klein general purpose high-speed, standard jobber length drill bits. Regular-po 118 degree drill bits. Black Oxide Finis reduces chip welding. Stand-up bit hold in metal box.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
75862 1 EACH	Klein Tools, Inc. 53002 Lifetime	13 pc. Drill Bit Set. Jobbers Length Fractional 1/16" to 1/4" by 64ths.	41.65 1.35 0.61	23.5 21.4 20.8
96896 1 EACH	Klein Tools, Inc. 53001 Lifetime	15 pc. Drill Bit set. Jobbers Length Fractional 1/16" to 1/2" by 32nds.	110.60 2 0.91	62.6 56.8 55.2

Step Drill Bits

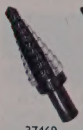
16149

54542

Greenlee Kik Stepper Srep Bits. Unique split tip design penetrates steel faster. Resis walking or skipping, even on round surfaces. Double-flute construction requires less pressure. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
16149 1 EACH	Greenlee Tools 34401 1 yr	3/8" Stepper Bit. Multi-hole step bit. Requires 1/4"drill chuck. drill 1/8,5/32,3/16,7/32,1/4,9/32, 5/16,11/32,3/8"	28.15 0.3 0.14	28.15 27.59 26.75
54542 1 EACH	Greenlee Tools 34403 1 yr	Multi-hole step bit.3/16 1/4 5/16 3/8 7/16 1/2 9/16 5/8 11/16 3/4 13/16 7/8"steps. Requires 1/4" drill chuck.	40.10 0.3 0.14	40.06 39.26 38.06

Klein Unibit Step Bits



37469

50683

Perfect for drilling multiple size holes in thin sections of metal,plastic,and wood. No center punching or pilot hole drilling is required.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37469 1 EACH	Klein Tools, Inc. 59003 1 year	9 step Unibit drill bit. Size range is 1/4"to3/4" in 1/16" increments. 3/8" chuck or larger	54.25 0.35 0.16	30.71 27.87 27.12
50683 1 EACH	Klein Tools, Inc. 59001 1 year	13 step Unibit drill bit. 1/4" chuck or larger Size range is 1/8"to1/2" in 1/32" increments.	31.65 1 0.45	17.91 16.25 15.81

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Reduced Shank Drill Bits

461080

- remium industrial grade steel with heavy duty cut-ing surfaces powers through deep or shallow holes vith lighting speed
- nique flute form improves chip ejection and nproves coolant flow to the drill point.
- Self-centering, 135 degree split point reduces "walk-ing" at the drill point
- Broad drilling spectrum designed for performance in low to high tensile strength materials, stainless steel and cast iron

rt No. y/Uom	Manufacturer Mfg. P/N Warranty	Description, Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
61080 EACH	Milwaukee 48-89-1081 30 days	29pc Drill bit set, jobbers length, fractional 1/16" to 12" by 64ths	147.10 2 0.91	147.10 102.09 96.80
NEW 9197 EACH	Milwaukee 48-89-0035 30 days	8pc Drill bit set, Thunderbolt Silver & Deming, 9/16 - 1" by 16ths	275.20 2 0.91	275.20 190.99 181.09

eWalt Quick-Change Hex Shank Drill Set

421003

DeWalt 6pc hex shank drill bit set. Includes 1/16", 3/32", 1/8", 5/32", 3/16", 1/4" bits. Split point prevents walking, black oxide coating provides longer life

e No. /Uom	Manufacturer Mfg. P/N Warranty	Description, Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1003 ACH	Dewalt DW2551 30 Days	Pilot Point Quick-Change Hex Insert Drill Bit Set 1/16", 3/32", 1/8", 5/32", 3/16", 1/4"	19.60 1 0.45	15.05 13.97 13.58

huck Keys

53936

Replacement Chuck keys for Cordless or Corded drills

No. Jom	Manufacturer Mfg. P/N Warranty	Description, Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
577 ACH	Makita U.S.A., Inc. 763414-1 1 yr	Chuck key replacement for the DA3000R, DA3000, 6510LVR, 6000R/LR	5.15 0.08 0.04	4.55 4.29 4.07
936 ACH	Makita U.S.A., Inc. 763419-1 1 yr	Chuck key replacement for the 6012HDW, 6002DWK, 6010DWK, 6093D, 6072D, 6073D, 6071D cordless drills.	4.65 0.06 0.03	4.10 3.87 3.67
829 CH	Makita U.S.A., Inc. 763415-9 1 yr	Chuck key replacement for the DA3000D, 8400D and DA301DW drills.	5.55 0.08 0.04	4.87 4.60 4.36

Cobalt Drill Bits

- Heavy duty 135 degree split point for easy starting on hard materials
- Abrasive & heat resistant
- Drill easily through tough allowys such as heat-treated materials, stainless steel and titanium

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
432099 1 EACH	Milwaukee 48-89-0045 30 days	13pc cobalt bit set, jobbers length, fractional 1/16" to 1/4" by 64ths	36.60 1.5 0.68	36.60 25.40 24.09

HSS Jobbers Quick-Change Drill Bits Sets

457300

WIRELESS SOLUTIONS industrial-grade steel, high speed jobbers length drill bits, with 1/4" quick-change shank. 135-deg split point prevents drill from "walking".

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 457300 1 EACH	Wireless Solutions 81103 60 Days	HSS Jobbers Self-Centering Quick-Change Drill Bit Set-13pc	39.90 1.2 0.55	31.80 29.77 27.58
NEW 457334 1 EACH	Wireless Solutions 89023 60 Days	HSS Jobbers Self-Centering Quick-Change Drill Bit Set-27pc	27.90 1.8 0.82	22.24 20.82 19.28

Offset Hex Head

14010

OFF-SET right angle power screwdriver head. Accespt 1/4" hex bits for use in tools up to 400 RPM. Adjusts 360 degrees and has thumb flange.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
14010 1 EACH	Milwaukee 48-32-2100 1 Year	Right Angle Power Head for 1/4" hex bits	36.00 0.45 0.2	36.00 24.99 23.69

25 Piece Power Accessory Pack

77280

Makita power drilling and screwdriving sets include tools to handle common drilling fastening, and driving needs in a storage case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
77280 1 EACH	Makita U.S.A., Inc. 711498A 1 yr	50 pc. power drilling and screwdriving set includes: 16-split point black oxide bits, 3 masonry bits, 3 spade bits, 20 screwdriverbits, 2 power screwdriver bits, 4 nut driver, and 1 stubby finder/driver	60.50 3 1.36	53.33 50.37 47.71

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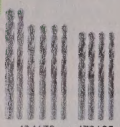
Retracting Magnetic Bit Holder

89767 97162

This product allows one to hold the screw in place while drilling. Prevents slipping and skewing when used with a power drill or screwdriver. These Finder/Drivers are Makita's most popular accessories for your drill!

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
89767 1 EACH	Makita U.S.A., Inc. 784810-A 1 yr	Bit holder,extensionbit finder and screwholder in one. This includes #2 Phillipsbit & 6-8 slotted bit.	8.90 0.5 0.23	7.83 7.39 7.00
97162 1 EACH	Makita U.S.A., Inc. 784814-A 1 yr	Bit holder,extensionbit finder and screwholder in one. Clearsleeve helps seeing screw for easy depthsetting. "Vision" Finder/Driver!	9.95 0.5 0.23	8.78 8.29 7.86

Hammer Drill Bits



434179 473185

These Carbide-Tip Bits are specially made with hex shanks for use with Hammer-Drills. Hex shanks can be gripped more firmly than round shank bits, therfore reducing the likelihood of slipping. Use these bits for drilling primarily softer materials such as masonry, brick, block, softer aggregate concrete, etc.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 434179 1 EACH	Milwaukee 48-20-6851	Hammer Drill Bit Set. 6 bits includes: 3/16", 1/4", 5/16", 3/8" (4" long) and 1/4", 1/2" (6" long)	30.90 1.25 0.57	23.77 22.07 21.45
NEW 473185 1 EACH	Milwaukee 48-20-6850	Hammer Drill Bit Set. 4 bits includes: 3/16", 1/4", 5/16", 3/8". All are 4" long	19.55 1 0.45	15.04 13.96 13.57

Quick Change Chucks

427384 469339

WIRELESS SOLUTIONS Quik-Change Chuck for 1/4" & 3/8" Drills. Pull back. Insert. Release. No key needed. 3/8" shank prevents jaw slippage.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 427384 1 EACH	Wireless Solutions 80402-25 60 Days	DUAL Quick Change Chuck, for 1/4" & 3/8" Shanks	13.00 0.5 0.23	10.37 9.70 8.99
NEW 469339 1 EACH	Wireless Solutions 80032 60 Days	1/4" Quick Change Chuck. Fits key or keyless adj chucks. 3/8" shank	8.00 0.35 0.16	6.35 5.94 5.50
NEW 480321 1 EACH	Wireless Solutions 80138 60 Days	Auto-Lock 1/4" Quick Change Chuck, for 3/8"& 1/2" Drills	9.60 0.35 0.16	7.62 7.14 6.61

HSS Jobbers 135 Degree Drill Bit Set

459335 463329 471313

TESSCO HSS Jobbers 135 Deg Metric Drill Bits. Black M2 tool steel. Steel Index Box. Round Shank.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 418300 1 EACH	Wireless Solutions 63250 60 Days	HSS Jobbers 135 Degree Metric Drill Bit Set, 25pc. 1mm--13mm by .05mm	104.00 3 1.36	82.89 77.59 71.87
NEW 459335 1 EACH	Wireless Solutions 63052 60 Days	HSS Jobbers 135 Degree Drill Bit Set, 29pc. 1/16" -- 1/2" by 64th	102.00 3 1.36	81.30 76.10 70.49

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
NEW 463329 1 EACH	Wireless Solutions 63150 60 Days	HSS Jobbers 135 Degree Drill Bit Set, 115pc	86.00 3.5 1.59	68.5 64.1 59.4
NEW 471313 1 EACH	Wireless Solutions 63151 60 Days	HSS Jobbers 135 Degree Drill Bit Set, 60pc	294.00 4 1.82	234. 219. 203.

Electricians Quick-Change Drill Kit

422324

Electrician quick change drill set:#1,3/8,7/16" Step-Drills; Nuts ter 3/32 to 3/16; Drills; Abrasive Pt; Socket Adpt;Mag Drive Apt 1"

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
NEW 422324 1 EACH	Wireless Solutions 89024 60 Days	Electricians Quick-Change Drill & Drive Kit, 27pc	59.90 3.5 1.59	47.74 44.65 41.40

Hole Saws and Antenna Hole Drills [560-13]

If you are buying these, you may need:

Cordless Drills. . . . . page 1514
Power Drills. . . . . page 1515
Drill and Driver Accessories. . . . . page 1517
Drill Bits. . . . . page 1518

Antenna Hole Saws

Cablematic HSK Anrenna Hole Saws for installation of permanent mount antennas. Depth of hole limited to .125" (3.18mm) to prevent damage to underlying headliners of vehicles. Special drill bit restricts walking of the saw. Shoulder scores paint to improve grounding. Designed for 3/8", or larger electric drills. 2.5" length. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
14023 1 EACH	Ripley HSK19 90 days	3/4" Hole saw for installing permanent mount antennas. Includes bit (sku 52941).	32.00 0.22 0.1	30.60 29.28 28.10
NEW 499326 1 EACH	Ripley 26016 Lifetime	CABLEMATIC Hole Saw Kit for permanent mount mobile antennas. 3/4" & 15/16" hole sizes included.	30.50 0.25 0.11	29.16 27.91 26.78
52416 1 EACH	Ripley HSK33 90 days	Hole saw for installing permanentmount antennas. Fits3/8" or larger drillMakes a 1-5/16" holeand limits depth to 1/8 inch.	32.00 0.36 0.16	30.60 29.28 28.10
52941 1 EACH	Ripley HSPD1 90 days	Replacement 3/16 pilot drill bit for Ripley hole saws.	3.70 0.02 0.01	3.50 3.35 3.22
90809 1 EACH	Ripley SB-89 90 days	Replacement cutting blades for the 3/4" Ripley Hole saw. Package of 2.	4.75 0.03 0.01	4.53 4.33 4.16

Hole Saws

ANTENEX 3/4" X-ACT hole saw with blade. One Piece design machined from a single piece of hardened steel. Limits depth to 1/8". Fits any 3/8" chuck drill.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
46012 1 EACH	Antenex HS34 30 Days	X-ACT hole saw cuts a 3/4" hole x Depth 1/8"	33.75 1 0.45	14.70 13.80 13.50
84405 2 PACK	Antenex HS34RB 30 Days	Replacement blades for HS34 (SKU 46012). 2pack.	12.45 0.1 0.05	5.41 5.08 4.97

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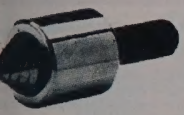
Hole Drills



Hole drill for installing permanent 3/8" hole antenna mounts. Fits 1/4" or larger drill. Limits drill depth to 3/8".

rt No. /y/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
9226 EACH	Maxrad, Inc MHS-38 90 days	Hole drill for 3/8" hole antenna mounts. Fits 1/4" or larger drill.	49.95 0.05 0.02	38.97 37.97 37.72

Hole Saw Kit

Professional Holesaw Kit. Features industrial-grade high-speed steel holesaws and accessories. Case. USA

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 0324 ACH	Wireless Solutions 59001 90 Days	Includes: 7/8, 1-1/8, 1-3/8, 2, 2-1/2" Arbors; 1/4, 7/16" Mandrels: 1/4" Hex Pilot Drill; Case.	71.00 3 1.36	56.59 52.97 49.07
944 ACH	Nicholson 81432 90 days	9 pc hole saw kit contains 3/4, 7/8, 1-1/8, 1-1/2, 1-3/4, 2-1/4" hole saws with 1/4" arbor, 7/16 hexarbor and 1/4" pilotdrill bit in a carrycase.	129.65 2 0.91	104.36 103.72 102.42

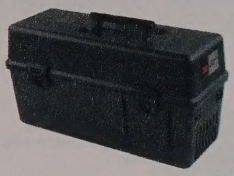
egular Hole Saws

NICHAOLSON Bi-Metaloy/Æ Holesaws permit fast, clean cuts in tough and mild steels, cast iron, aluminum, brass, bronze, plastics, iron or steel pipe and wood; Cutting edge is made of specially selected high-speed steel with 6 tpi to cutting edge. USA

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
979 CH	Nicholson 81161 90 days	3/4" hole saw for installing permanentantennas. High speedteeth. Does not limit drilling depthUse with Nicholson arbor.	11.90 0.09 0.04	9.57 9.51 9.39
972 CH	Nicholson 81167 90 days	7/8" hole saw for installing permanentantennas. High speedteeth. Does not limit drilling depthUse with Nicholson arbor.	11.90 0.09 0.04	9.57 9.51 9.39
977 CH	Milwaukee 012527 90 days	For installing permanent mount antennas. Heavy duty-high speed teeth. Cuts 1" hole, but does not limit drilling depth. Requires arbor.	7.00 0.17 0.08	7.00 4.86 4.61
W 141 CH	Milwaukee 49-56-6950 90 days	1/4" shank arbor foruse with Milwaukee hole saws.	6.65 0.19 0.09	6.65 4.62 4.38
51 CH	Nicholson 81317 90 days	1/4" shank arbor foruse with Nicholson hole saws.	10.30 0.09 0.04	8.28 8.23 8.13

Shop Vacuums [560-16]

Electronics Vacuum



3M Vacuum case and accessories are made of resistivity low carbon impregnated plastic, to reduce ESD buildup and risk of shock damage to sensitive components. Includes 10' hose, wand, crevice tool, crevice brush, dusting nozzle, needle nozzle, shoulder strap. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
51896 1 EACH	3M Products SV-497AJM 1 yr	M Electronics Vacuum. ESD safe Accessories. Complete with hose, wand, crevice tool, crevice brush, dusting nozzle, needle nozzle.	281.85 11.4 5.18	235.04 225.46 217.01
NEW 473371 1 EACH	3M Products SV-SPF1 30 days	Replacement filter for extremely fine toner particles in the range of .3 to .5 microns..	26.00 0.5 0.23	21.68 20.80 20.02
75774 1 EACH	3M Products SV-MPF2 30 days	Replacement filter for common dust, & toner size particles.	16.35 0.5 0.23	13.64 13.08 12.59

Industrial-Super Quiet Wet/Dry Vac

Rugged duty/ industrial, lightweight poly 8 gallon wet/dry vacuum. Industrial Super Quiet series with a powerful 6.0 HP motor. 8 gallon tank has a capacity of 7 gallons dry and 6 gallon wet. Long 18 foot power cord and tool basket. Accessories included: 1-1/4"diameter 8' long hose w/ hand grip and airflow control, (2) metal extension wands, 10" combination wet/dry nozzlew/ squeegee insert, dual surface selector nozzle, crevise tool, round brush, and gulper nozzle.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
25970 1 EACH	Shop Vac 925-28 1 year	Wet/ Dry Vacuum Kit 16"x16"x28"	195.95 21 9.54	195.95 190.08 188.12
36138 5 PACK	Shop Vac 91905-10 1 year	SHOPVAC replacement bags for sku 25970. Contains 5 bags per pack.	22.30 1 0.45	22.30 21.64 21.41

Industrial-Stainless Wet/Dry Vac

Rugged duty/ industrial, stainless steel 10 gallon wet/dry vacuum. 1.7 HP motor. Powerful suction can pick up non-combustible materials like dirt,debris,nails,metal,wood chips,& liquids.Internal float automatically shuts off suction when liquid capacity is reached. Stainless steel tank increases durability. Includes 12'x1 1/2' crushproof hose, chrome extension wands, 14" master nozzle, 14" squeegee insert, 14" brush insert, and 3 wheel heavy duty dolly for easy mobility.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
40147 1 EACH	Shop Vac 610-50 1 year	SHOPVAC Wet/Dry Vac. 10 gal stainless steel. 1.7 H.P. motor. Incl: hose, wands, nozzles, squeegee & dolly	314.95 31 14.09	314.95 305.51 302.36

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Power Saws [560-17]

If you are buying these, you may need:

Shop Vacuums. . . . . .page 1521
Extension Cords, Outlet Strips . . . . . .page 1662

18.0V Cordless Recipro Saw

12197

Heavy Duty Cordless Reciprocating Saws feature electric brake for longer blade live, a high performance fan cooled motor, replaceable brushes for longer motor life, variable speed with Trigger Lock, anti-slip comfort grip, and open shoe for maximum visibility.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Voltage Clutch	Speed Range No-Load Speed (RPM) Includes	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
12197 1 EACH	Dewalt DW938K 1 yr.	18.0V No	Variable 0-2800strks/min Blade, 1 Hour Charger, XR2 batt pack, Heavy Duty carrying case.	468.00 13 5.91	359.90 334.16 324.80

24.0V Cordless Recipro Saw

418383

Heavy Duty Cordless Reciprocating Saws feature electric brake for longer blade life. Lever action keyless blade change, 460 watt motor, Two Speed (2900 SPM wood, 2400 SPM metal). Includes on board blade storage. Three position adjustable shoe for cutting in tight quarters.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Voltage Clutch	Speed Range No-Load Speed (RPM) Includes	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 418383 1 EACH	Dewalt DW008K-2 1 yr.	24.0	2spd Variable 0-2900strks/min Blade, 1 Hour Charger, XR batt pack, Heavy Duty carrying case. metal blade, wood blade.	700.00 18 8.18	538.30 499.80 485.80

Milwaukee Sawzall Plus w/Quik-Lok

82447

Milwaukee High Performance Sawzall plus. Utilizes a unique gear system that absorbs high impact forces caused by sudden blade lockups. For extreme cutting applicaitons such as large dia. pipe cutting, thick metal cutting, demolition work, pallet cutting etc. Inlcudes 2-blade pack and steel carry case.

- 0-2800 SPM 1" stroke with trigger speed control
- 7.5 Amp motor
- Dial Speed Selector switch
- Easy adjustable shoe release
- Pivot shoe
- Easy plunge with no starting hole
- Heavy Duty quick-lok blade clamp system
- Uses 1/2" shank blades

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Voltage Clutch	Speed Range No-Load Speed (RPM) Includes	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
82447 1 EACH	Milwaukee 6517-20 1 Year	120V 7.5 Amp --	Variable 0-2800 Strokes/min Inlcudes 2-blade pack and steel carry case.	305.00 18.75 8.52	234.55 217.77 211.67

Gas Power Generators [565-10]

DeWalt 2900 Watt Gas Generator

Dewalt 2900 watt gas generator. Honda 5.5 hp engine. Maintenance free alternat High AMP surge capacity. Super quiet mu fler. Low oil shut off.

- Maintenance free alternator
- High AMP suge capacity
- Super quiet muffler
- Low oil shut-off

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Max AC Output (Watts) Rated AC Output (Watts) Rated Current 120V/240V (Amps)	Recpt: 120V GFCI - 20 A Recpt, Twist: 120V - 20 A	Run Time (hrs) Wgt. (Lbs)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 430389 1 EACH	Dewalt DG2900 2 Years	2900 watts 2400 watts 20/NA amps	2 1	11.3 hrs 104 Lbs	1,784.00 104 47.27	1,371.9 1,273.7 1,238.1

DeWalt 4300 Watt Gas Generator

Dewalt 4300 watt gas generator. Honda 8hp engine. Maintenance free alternator. High AMP surge capacity. Super quiet muffler. Low oil shut off.

- Honda 8hp OHV GX engine provides jobsite reliability
- Maintenance free, brushless alternator for increased durability
- High amp surge capcacity ideal for starting high amp tools including air compressors
- Maximim 120v power switch ensures peak performance of 120 and 240 volt tools
- Jobsite tested frame with panel protection bars for increased durability
- Super quiet muffler reduces engine noise
- Idle control saves fuel and reduces noise
- Low oil shut-off protects engine
- Dry weight and dimensions do not include accessories

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Max AC Output (Watts) Rated AC Output (Watts) Rated Current 120V/240V (Amps)	Recpt: 120V GFCI - 20 A Recpt, Twist: 120V - 20 A	Run Time (hrs) Wgt. (Lbs)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 441317 1 EACH	Dewalt DG4300 2 Years	4300 watts 3800 watts 31.7/15.9 amps	4 1	11.3 hrs 159 Lbs (Dry Weight)	2,620.00 214 97.26	2,014.78 1,870.68 1,818.28

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eWalt 6000 Watt Gas Generator

Dewalt 6000 watt gas generator. Honda 11hp engine. Maintenance free alternator. High AMP surge capacity. Super quiet muffler. Low oil shut off.

nda 11 HP, OHV GX engine provides worksite iability
intenance free, brushless alternator for increased rability
h amp surge capacity ideal for starting high amp ls including air compressors
ximum 120v power switch ensures peak perfor-nce of 120 and 240 volt tools
rksite tested frame with panel protection bars increased durability

- Super quiet muffler reduces engine noise
- Idle control saves fuel and reduces noise
- Low oil shut-off protects engine
- DRY WEIGHT AND DIMENSIONS DO NOT INCLUDE ACCESSORIES

No. Uom	Manufacturer Mfg. P/N Warranty	Max AC Output (Watts) Rated AC Output (Watts) Rated Current 120V/240V (Amps)	Recpt: 120V GFCI - 20 A Recpt, Twist: 120V - 20 A	Run Time (hrs) Wgt. (Lbs)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW	Dewalt	6000 watts	4	8.3 hrs	3,296.00	2,534.63
335	DG6000	5000 watts	2	185 Lbs (Dry	240	2,353.35
ACH	2 Years	41.7/20.8 amps		Weight)	109.08	2,287.43

Walt 7000 Watt Gas Generator

Dewalt 7000 watt gas generator. Honda 13hp engine. Maintenance free alternator. High AMP surge capacity. Super quiet muffler. Low oil shut off.

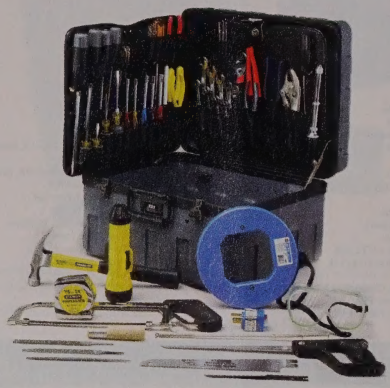
No. Uom	Manufacturer Mfg. P/N Warranty	Max AC Output (Watts) Rated AC Output (Watts) Rated Current 120V/240V (Amps)	Recpt: 120V GFCI - 20 A Recpt, Twist: 120V - 20 A	Run Time (hrs) Wgt. (Lbs)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W	Dewalt	7000 watts	4	8 hrs	3,742.00	2,877.60
395	DG7000	6000 watts	2	185 Lbs (Dry	240	2,671.79
CH	2 Years	50/25 amps		Weight)	109.08	2,596.95

Tool Kits, Complete [570-10]

If you are buying these, you may need:

Luggage Carts . . . . . page 1540

JTK-51 Tool Kit



TESSCO 56 piece Master Telecom Installers tool kit contains the tools needed for Telecom installation and repair. Lifetime Warranty on Tools; 3 Year Warranty on the case.

- Push Drill with bits
- 3 pc File set
- 50' Steel Fish Tape
- Flashlight
- Goggles
- HD Hacksaw
- Straight Claw Hammer
- File handle
- Nutdrivers: 1/4, 5/16, 3/8, 7/16, 1/2
- 13-1/2" pickup tool
- 6" Chain nose pliers
- 5" Diagonal Cutter
- 10" Groove Joint Plier
- 9-1/4" Lineman's Plier
- 6" Slip Joint Plier
- 10" Locking Plier
- Center Punch
- Pin Punches: 1/16", 1/8"
- Reamer
- Phillips Screwdrivers: Pocket, #2 stubby, #1x3, #2x4
- Slotted Screwdrivers: pocket, 1/4 Stubby, 3/16 x 6, 1/4 x 4, 5/16 x 6, 3/8 x 8
- Screwstarter, double ended
- 25' Tape Measure
- Tester, receptacle
- Wire Crimper/Stripper
- Adj Wrenches: 4", 8"
- 8pc Combination wrench set: 1/4 - 11/16
- Rota-Tough Polyethelene tool case with pallet

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
66506	TESSCO Tools	TESSCO 51 pc Master Telecom Installers Kit in a rota-	641.35	589.00
1 EACH	JTK-51	tionally molded polyethlene case with hinged pallet.	35.3	583.11
	3 Years		16.04	577.22

Tools

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JTK-54 Tool Kit

TESSCO 47 piece Central Office Tool Kit selected for the CO worker. 3" storage space below bottom pallet for other equipment.

- 2 Alignment Tools
- DIP/IC Extractor
- 6" Straight Hemostat
- Hex Key set, fold up
- IC Insertion tool
- Lamp cap extractor
- Lamp extractor
- Lead forming tool
- Magnalight (3 power)
- Mirror, inspection
- Nutdrivers: 5/16, 11/32, 3/8
- Midget Nutdrivers: 3/16, 1/4
- 5" Diag. Cutter
- 4-1/4" Mini Diag. Cutter
- 6-3/4" Chain Nose Plier w/Cutter
- 4-3/4 Mini Chain Nose Plier
- 7" Groove Joint Plier
- Electrician's Scissors
- Guide Pin Screwdriver
- Phillips Screwdrivers: #0x2-/12, pocketclip, #1x3, #2x4
- Screwdrivers: 1/8x 2, pocketclip, 3/16 x 3, 1/4 x 4
- Offset ratchet screwdiver
- 7pc Jewelers screwdriver set
- Double end screwstarter
- Spudger, and xtra fine tip Spudger
- Trimpot adjustment tool
- Fine Point Tweezers
- Reverse Action Tweezers
- Wire Stripper
- 6" Adj. Wrench
- Grounding Wrist Strap
- Tool case with Pallets

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
66528 1 EACH	Wireless Solutions JTK-54DRL 3 Years	TESSCO 47 Pc Central Office Tool Kit. Kit is housed in a molded high-density polyethlene case with two pallets.	511.80 18 8.18	470.00 465.30 460.60

JTK-2100 Tool Kit

TESSCO Network Manager's Tool kit. Includes plenty of room for your tools, computer, and other test equipment.

- Cable Cutter
- 4" extension, and 4-1/8" tool handle
- 6" Straight Hemostat
- 8pc Hex key set, .050-5/32
- 6pc Hex key set, 1.5-5mm
- Dsub insertion/extraction tool
- Light duty Knife
- Mini Mag Lite
- Mirror/magnetic pickup tool
- Nutdriver blades (4) 3/16-3/8
- Phone Line Tester
- 6-1/2" Long nose plier with cutter
- 4-3/4" long nose plier
- 4-1/4" Diag. Cutter
- 6" Slip joint plier
- 5" Locking plier
- Receptacle Tester
- Electrician's Scissors
- 2-in-1 Screwdriver, and 4-way pocket screwdriver
- 7pc Jewelers screwdriver set
- Security Screwdriver, 10-in-1 Torx, Tamper Torx
- Screwdrivers: 3/32x2, 1/8x4, 3/16x8, 1/4x4
- Phillips Screwdrivers: #0x2, #1x6, #2x4
- Double end Screw Starter
- 12' Tape Measure
- Trimpot Tool
- Wire Stripper
- 6" Adj Wrench
- Static Wrist Strap
- RJ-11/RJ45 Adapter
- Line aid with volume control
- Tone Generator
- Harris 66 Punch Down Tool

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
66550 1 EACH	Wireless Solutions JTK-2100W 3 Years	56 Pc Network Manager's Tool Kit in a Cordora Nylon soft side zip case. Includes a complete range of tools and test equipment for field service work.	675.15 18 8.18	620.00 613.80 607.60
66544 1 EACH	Wireless Solutions JTK-2100WM 3 Years	TESSCO 56 Pc Network Manager's Tool Kit, housed in a molded high-density polyethlene case. Includes tools and test equipment	664.25 18 8.18	610.00 603.90 597.80

106 pc Soft Side Tool Kit

Electronic Technician's Field Service Ki includes 106 tools in a Cordura Nylon side, zipper tool case. Dim: 17-3/4"W x 12-3/4"H x 11"D. Black

- 2 Alignment Tools
- Feeler Gauge
- Ball Pien Hammer
- 2 driver handles
- SAE and Metric Hex Key Sets
- Hex and Nutdriver Blades
- Punches, and Scribe
- Screwdrivers: 7 Slotted, 4 Phillips
- Screw Starters
- Electrician's Knife
- Inspection Mirror
- Groove Joint Plier
- 2 Diag. Cutters
- 2 Long Nose Pliers
- Retaining Ring Plier
- Jewelers Screwdriver set
- 14pc 1/4" Socket set
- SolderIron
- Solder Aid
- 2 Spring Tools
- Reverse Action Tweezer
- Wire Crimper
- Wire Stripper/Cutter
- 2 Adj Wrenches
- 8pc Ignition Wrench set
- Soft Sided Tool kitwith removable pallets and outside pockets
- Lifetime Warranty on tools. 3 Year Warranty on the case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
56986 1 EACH	Wireless Solutions JTK-17QC Lifetime	TESSCO 106 Pcs Electronics Field Service Kit with removable pallets.	555.35 22 10	510.0 504.9 499.8

Technicians Hard Tool Kit #4

TESSCO designed this custom 2-Way Cellular Technician Tool Kit with the 40 most requested tools to do your job. It contains name brand tools and equipment in a high-density, polyethlene molded Platt tool case with sewn pallets. USA

- 5-in-1 Crimper/Stripper
- 5" Wire Stripper
- Electrician's Knife
- Utility Knife
- 6" Diagonal Cutter
- 4" Close-quarters Cutter
- 7" Groove joint Plier
- 6" Long nose Plier
- Utility Plier
- 5-1/2" Needle Nose Plier
- 6", 8" Adj. Wrenches
- Metric/SAE Fold-up Hex Key Sets
- 4-Way Screwdriver
- Jewelers Screwdrivers
- #0,#1,#2 Phillips Screwdrivers
- 1/8, 5/32, 3/16, 1/4" Slotted Screwdrivers
- 1/4" and #2 Phillips Stubby Drivers
- Maglite
- Hemostat
- 1/4 to 9/16" Nutdrivers
- 4-13mm Nutdrivers
- Curved Tweezer
- Tube of Solder
- Plenty of room for meters etc.
- Case

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
76718 1 EACH	TESSCO Tools TOOL KIT 4 Lifetime	40 pc. 2-Way Cellular Technician Field Service Kit in high-density, molded polyethlenehard case with sewn pallet	655.80 15 6.82	462.34 452.51 439.39

TESSCO TECHNOLOGIES®

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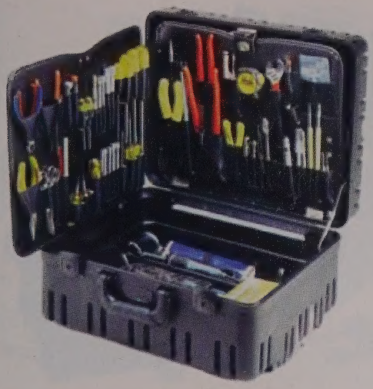
te Engineer's Tool Kit



includes the basic hand tools commonly used by site engineer's in the field. Deep case pro-
es extra room for test equipment, multimeter, etc.

- nment tools
- nisher
- IC Extractor
- er Guage
- es + Handle
- Hammer
- lutdriver & Hex blades
- emostat
- Key Sets
- e
- ection Mirror
- et Tester
- ght
- s Box
- ferent Pliers/Cutters
- /Center Punches
- 6" Stainless Rule
- Scissors
- 13 Screwdrivers
- Jewlers Set
- 2 Screwstarters
- Scriber
- Solder Tools
- Solder Iron
- Tape Measure
- Tweezer
- Spring Tool
- Trimpot Tool
- 6" Adjustable Wrench
- Wire Stripper/Cutter
- Super Tough Case
- Pallets

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
67 CH	TESSCO Tools SITE ENGINEER KIT Lifetime	105 pc Site Engineer's kit with INCH sizes.	571.70 25 11.36	525.00 519.75 514.50
78 CH	TESSCO Tools SITE ENGINEER KIT Lifetime	130 pc Site Engineer's kit with INCH and METRIC Sizes	702.35 27.36 12.44	645.00 638.55 632.10
68 CH	TESSCO Tools SITE ENGINEER KIT Lifetime	Case only for Site Engineer Kits	174.25 22 10	160.00 158.40 156.80

Mobile Radio/Phone Service Kits

Tessco designed this Mobile Radio/Phone tool kit with the technician in mind. It contains name brand tools and equipment in a high-density, polyethlene Platt case. USA

- 5 Cavity Coax Crimper (92609)
- 5-in-1 Stripper Crimper
- 5" Wire Stripper
- Electrician's Pocket Knife
- 3pc Nutdriver Power Bits
- 4", 5", 6" Diagonal Cutters
- 5-1/2" Needle Nose Plier
- 6" Long Nose Plier, 7" Groove Joint Plier
- 6" Adjustable Wrench
- 15pc Hex Key Set
- 2-in-1 Screwdriver
- Stubby Slotted Screwdriver
- 3/32, 5/32" Slotted Screwdrivers
- #0,#1 Phillips Drivers
- 3/8, 7/16, 1/2, 9/16" Nutdrivers
- 6" Straight Hemostat
- Curved Tweezer
- 13pc Changeable Screwdriver/Nutdriver set
- Chip Extractor
- Maglight
- Butane Solder Iron & Solder
- Solder Sucker
- Solder Wick
- High-Density Polyethlene Case + pallets

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
49588 1 EACH	TESSCO Tools TOOL KIT 3 Lifetime	62 pc. All items in 11195 w/Glass tester-capacitance meter, DMM, Cordless Screwdriver	1,158.90 23.02 10.46	817.02 799.64 788.05
11195 1 EACH	TESSCO Tools TOOL KIT 2 Lifetime	TESSCO 60pc complete tool kit for the 2-Way Field Technician housed in a high-density, molded polyethlene case with sewn pallets. USA.	900.30 19.03 8.65	634.70 621.20 612.19

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Field Service Tool Kit

Our Field Engineer Service Kit represents many exciting firsts in our long history of supplying tool kits. Not only is it our best ef-fort yet packed with everything today's engineer might need, it surpasses all competition. In designing this ultimate field service kit, we put our customers requests first by creating the most versatile complement we've ever offered for use across multiple industries. We've compiled the most popular and best quality tools from our vast product offering. We've carefully selected every item down to the finest details to in-clude the most popular large circular extendable mirror and a Rayo-vacÆ industrial flashlight rather than the usual disposable one. Each tool (even those in sets) is secured in its own individual pocket on two remov-able pallets. Extra storage space is provided under the bottom pallet.

- Metal Rule, 6"
- Utility Plier, 10"
- TRMS Multimeter
- Center Punch, 9/64"
- Pin Punches, 1/16" & 1/8"
- Reverse Action Tweezer
- Screwholding Screwdriver
- Long Nose W/Cutter, 6"
- Plier, Diagonal Flush Cut, 5"
- Cutter W/ Strip Notch 5"
- Cushion Grip Screwdriver, 1/4" x 1.5"
- Cushion Grip Screwdriver, 3/16" 4"
- Cushion Grip Screwdriver, 1/4" x 4"
- Cushion Grip Screwdriver, 5/16" x 6"
- Cushion Grip Screwdriver, #2 Stubby
- Cushion Grip Screwdriver, #1 Phillips
- Cushion Grip Screwdriver, #2 Phillips
- Cushion Grip Nut Drivers, 7/16" -- 11/32"
- Wire Stripper & Crimper
- Machinist Scriber
- Roto Classic Case, 5"
- Tape Measure, 8'
- 4oz Ball Pein Hammer
- Large Round Mirror
- Percision Knife, #1
- 4" & 8" Cushioned Adjustable Wrench
- Leatherman Multi Tool
- 8pc TORX Fold Up Set, T-6 -- T25
- 13pc Balldriver Set
- Precision Screwdriver Set
- 2 AA Industral Flashlight
- Spudger, Sharp WIre, White
- Alignment Tool, Duplex
- Miniature Wrench Set, SAE
- Electrician D-Snips
- T6 Stripper
- AA-Cell, 2-Pack

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 497308 1 EACH	TESSCO Tools ENGINEER KIT 1yr	42pc kit in a 17.5" x 12.75 x 5" Polyethylene Case	831.45 21 9.54	831.43 810.65 789.86

Site Maintenance Kit

TESSCO's Site Maintenance Kit was designed primarily for self-maintainers charged with a v ety of service tasks. Kit comes in a heavy duty polyethylene case with low profile rubber wheels that are mounted to the side for smooth rolling. Kit contains more then 60 items.

- Solder Aid, Brush & Fork
- Inspection Mirror
- Slip Joint Plier, 6"
- Metal Rule, 6"
- Utility Plier 10"
- Chain Nose Plier, 4"
- Diagonal Plier, 4"
- Volt Alert
- Thickness Gauge, 15 Leaf
- Offset Combo Screwdriver
- Revers Action Tweezer
- Combo Spring Hook Tool
- Burnishing Tool W/Blades
- Screwholding Screwdriver
- Solder (pocket pack)
- Wire Stripper & Crimper
- Electricians Scissor
- 5" Hemostat, Straight
- 6" Needle File, Round
- 6" Needle File, Equaling
- 6" Needle File, Flat
- Diagonal Cutter, 5"
- Long Nose W/Cutter, 6"
- Soldering Iron, 25 Watt
- Precesion Knife #1
- Regular Handle
- Nutdriver Blade, 3/16" -- 1/2"
- Wrench, 6" ADJ W/Cushion
- Slot Screwdriver, 1/4" x 4"
- Slot Screwdriver, 1/8" x 2"
- Slot Screwdriver, 1/8" x 8"
- Slot Screwdriver, 3/16" x 3"
- Slot Screwdriver, 3/32" x 2"
- Slot Screwdriver, 5/16" x 6"
- Slot Screwdriver, 1/4" x .1"
- Phillips Screwdriver, #0 With Clip
- Phillips Screwdriver, Stubby
- Phillips Screwdriver #0 -- #2
- Parts Box, Slotted Design
- Hex Key Set, 7pc, 5/64" -- 3/16"
- Alignment Tool, nonmetalic & Duplex
- Standard Locking Plier, 7"
- Desolder Braid 5' spool
- T7 Stripper
- Stat-Gard Recept Analyzer
- Tote Case
- Electricians Knife
- Conductive Wriststrap, 10'
- Telephone Line Tester
- AA Mini Maglite, Black

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 453235 1 EACH	Wireless Solutions MAINTENANCE KIT 1 year	TESSCO Site Maintenance Kit	705.80 30 13.64	705.79 688.15 670.51

TESSCO TECHNOLOGIES®

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emise Installer Kit

ur Premise Installer Kit features our most versatile and complete kits for the installation and intenance of communications systems. Use this kit to service and install voice and data cir-ts, phone switches, datacom networks, computers and telephone packets. Piecing together cial tools and equipment for these unique applications is no longer necessary when you ose this pre-selected assortment. We've packaged over 100 essentials as a kit so the right l is always at your fingertips. Special installation tools include a 3/8-inch electric drill, fish e, type-66 punch-down tool, wire wrapping tools and staple guns. All the tools and equip-nt listed below are arranged on two removable pallets. Your tools are housed in a gray high-sity, polyethylene case style. USA.

- & 1/2" Staple Guns with Staples
- ler Aid, Brush & Fork
- ection Mirror
- al Rule, 6"
- Utility, 4" Diagonal Pliers & 4" Chain Nose Plier
- a Logging DMM
- ter Punch, 9/64"
- " & 1/8" Pin Punch
- ckness Guage, 15 Leaf
- et Combo Screwdriver
- erse Action Tweezer
- nishing Tools (3/PKG)
- p Extractor Tool
- wholding Screwdriver
- er (Pocket Pack)
- e Stripper & Crimper
- eler Screw Driver Set, Phillips & Slot
- hinist Scriber
- rnal & External Ring Plier
- ethylene Case, 8"
- tricians Scissor
- Ball Pein Hammer
- onal Cutter, 5"
- g Nose With Cutter, 6"
- ering Iron, 25 Watt
- Precision Knife, #1
- Regular & Junior Handle
- Nutdriver Blade 3/16" -- 1/2"
- Allen Hex Blade, .050" -- 9/64"
- Spline Blade, .048"-- .096"
- 4" & 8" Adjustable Wrench W/Cushion
- Slot Screwdriver 1/4" -- 5/16"
- Phillips Screwdriver, Stubby
- Phillips Screwdriver, #0 -- #2
- Hand Wrap Tool, 22--24 AWG
- Unwrapping Tool, 20--26 AWG
- Cable Ring Cutting Tool
- 2 Cell AAA Penlight W/Batt
- Speedway Electrical Tape
- TS 30 Test Set With Pircing Pin Cord
- Alignment Tool, Nonmetalic & Duplex
- Minature Wrench Set, SAE
- D814-66 Delux Impact Tool
- Stripper W/Cutter 22--24 AWG
- TELECOM Probe Pick
- Drill, 3/8" Reversable
- Steel Reel Fish Tape, 50'
- T7 Stripper
- Electricians Knife
- HS Drill Bit Set, 13pc

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W	TESSCO Tools	Premise Installer Kit	1,688.60	1,688.57
370	PREMISE KIT		34	1,646.36
CH	1yr		15.45	1,604.15

Data Communication Kit

This tool kit is designed for the specific requirements of the datacom engineer and is housed in a distinctive blue, double-sided DuPont (r) Cordura Nylon case. One side of the case contains tools common to Data Communications, while the other has a roomy document pouch with business card pocket and space for other specialty tools. Use three exterior pouches for extra storage. USA

- Scissors Serrated W/Notch
- Chain & Diagonal Cutter, 4"
- Solder, Pocket Pack
- Long Nose W/Cutter, 6"
- Cutter W/Strip Notch, 5"
- 2-Sided Datacom Tool Case
- Magnetic Retrieving Tool
- Soldering Iron 25, WATT
- Precision Knife, #1
- Blade Extension, 7"
- Regular Handle
- Nutdriver Blade, 3/16" --5/16"
- Screwdriver Blade 1/8" -- 3/16"
- Phillips Blade, #0 -- #2
- Torx Blade T-10, T-15, T-20
- Wrench, 6" Adjustable W/Cushion
- Slot Screwdriver 3/32 x 3"
- Wrap/Strip/Unwrap Tools, 22,24 &30 AWG
- Slot Screwholder, 6"
- Phillips Screwholder, 6"
- Balldriver Hex Key Set
- 2 Cell AAA Penlight W/Batt
- Wiring Spudger
- Long Nose 6"
- Desolder Braid 5' Spool
- TS30 Test Set W/ABN
- T6 Stripper
- STAT-Gard Recept Analyzer
- Universal Cable, 4"
- Gender Changer, F/F RS232
- Gender Changer, M/M RS232
- Wrist Strap Set, 12'
- Telephone Line Tester

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	TESSCO Tools	TESSCO DataComm Tool Kit With TS-30 Test Set	672.50	672.50
448370	DATA COM KIT		12	655.69
1 EACH	1yr		5.45	638.88

Telcom Trouble Shooter Kit

Your Telcom Trouble Shooters Tool Kit comes in a double-sided black case. The DuPont (r) Nylon Cordura case has a traditional pallet configuration and web-type handles with velcro closures for comfortable, padded carrying. The case is 16"L x 11"H x 5"D and weighs 12 pounds fully loaded. Kit includes the recommended Harris TS30 Test Set and Fluke 189 DMM. USA

- Fluke 189 DMM Multimeter
- Lamp Extractor Tool
- Long Nose W/Cutter, 6"
- Cutter W/Strip Notch, 5"
- Cushion Grip Screwdriver, 3/16" x 4"
- Cushion Grip Screwdriver, #1 Phillips
- High Leverage Cable Cutter
- 2-Sided Telcom Case, Black
- Electricians Scissor
- Chrome Plated Push Drill
- Tape Measure, 12'
- Pocket Pack of 50 Wire Ties
- Regular Handle
- Nutdriver Blade, 1/4"
- Nutdriver Blade, 5/16"
- Nutdriver Blade, 1/2"
- Screwdriver Blade, 1/8"
- Screwdriver Blade, 1/4"
- Phillips Blade, #1
- Phillips Blade, 32
- Phillips Screwdriver, #0 With Clip
- Wrench, 6" Adjustable With Cushion
- Slot Screwdriver, 3/32 x 2"
- Wrap-Unwrap Tool, 22-24 AWG
- Cable Sheath Slitter
- Universal Release Tool
- Delux Impact Tool, 66 Blade
- Modular Adapter
- TS30 Test Set W/ABN Cord
- Bradley Stripper, 22/24 AWG
- High Powered Toner
- Deluxe LIne Aid
- Electricians Knife
- Telephone Line Tester
- AA Mini Maglite, Black

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	TESSCO Tools	Kit with Harris TS30 Butt Set & Fluke 189 DMM, Double Sided Case	681.00	681.00
478244	TELCOM KIT		12	663.98
1 EACH	1yr		5.45	646.95

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Fiber Optic Installer Kit

Your fiber optic tool kit features the latest connector technology to meet you network installer's or technician's installation and field termination needs. Whether your using ST, SC or ST/SC. Perform mechanical splices for LAN-type terminations. Make high-performance connections in less than two minutes without the mess, expense and curing time of epoxy. Low-cost mechanical installations as strong as epoxy because they're supported on four points: fiber, buffer, strength member (Kevlar fiber layer) and jacket. Durable black protector case is designed to withstand extreme temperatures and hazardous conditions. Made of lightweight, space-age structural foam resin with extra thick walls, it's watertight, airtight, corrosion proof, and dustproof. Includes neoprene watertight seal, atmospheric pressure valve, multiple security latches and ergonomic handle. Tools fit snugly in die cut foam base. Lid is filled with protective convoluted foam. Kit measures 18"W x 12.875"H x 6.75"T from the inside. USA.

- 3 Fiber Optic Strippers
- Fiber Optic Cleaver Tool
- Scissors Serrated W/Notch
- Fiber Optic Safety Kit
- Fiber Tool Kit Foam Case
- Fiber Cleaning Dispenser
- Parts Box, Slotted Design
- Polish Bushing, ST, Metal
- Polish Bushing, LC/SC
- Crimp Tool W/Die For XTC
- Die Set W/Anvil
- Kimwhipe, 4.5"x8.5", 280bx
- Coax Stripper, 1/8"-- 7/32"
- Fiber Optic Scope, 100x
- Fiber Optic Continuity Tester

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 488282 1 EACH	TESSCO Tools DELUX FIBER KIT 1 Year	TESSCO Delux ST/SC Fiber Optic Tool Kit, 17pc	1,455.75 15 6.82	1,455.71 1,419.32 1,382.93

Switch Maintenance Kit

427271

This Switch Maintenance Kit is designed for installing and maintaining telephone switch and user equipment. Every required tool is included as standard equipment. You get a set of cushion-grip screwdrivers, a variety of pliers and cutters, heavy-duty cable cutter, wire stripper, soldering iron and crimping tool (with dies for four, six and eight position plugs). We added items like the Harris D914 punch-down tool with 66 and 110 blades, a wire wrap tool with 22/24 bits and the static-control field kit. All of these essentials are supplied in a DuPont Nylon Cordura (R) zippered case. It's designed to accommodate all your tools and equipment in an organized manner including the your Lineman's test set and digital multimeter. Three large exterior pouches safely hold documents, spare parts or other items. this 13 pound kit measures 17.5"L x 12"W x 4"D and includes the recommended Harris TS30 Lineman's Test Set and Fluke 177 digital multimeter. USA

- 10" Utility Pliers
- 4" chain Nose Pliers
- 4" Diagonal Cutting Pliers
- 1/8"x4" Slot Screwdriver
- 6" Long Nose Pliers w/ Cutter
- 5" Diagonal Cutting Telco Pliers
- 3/16"x6" Cushion Grip Slot Screwdriver
- 1/4"x4" Cushion Grip Slot Screwdriver
- #1 Cushion Grip Phillips Screwdriver
- #2 Cushion Grip Phillips Screwdriver
- High-Leverage Cable Cutters
- Electrician's Scissors
- Magnetic Retriever With Mirror
- Soldering Iron
- Wire Solder
- Manual Wire Wrap Gun
- 22/24 AWG Wire Wrap Bit
- Wire Wrap Sleeve
- 22/24 AWG Cut/Strip Tool
- 20/26 AWG Hand Unwrap Tool
- 4-Position Modular Plugs, 25/Pk
- 6-Position Modular Plugs, 25/Pk
- 8-Position Modular Plugs, 25/Pk
- RJ11/RJ45 Telecom Crimp Tool
- Punch-Down Tool
- 66/110 Impact Blades
- Plastic Parts Box
- Anti-Static Field Service Kit
- Telephone Line Tester
- Harris TS30 Test Set
- Fluke 177 Digital Multimeter

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 427271 1 EACH	Wireless Solutions TELCO KIT 1 1 Year	TESSCO Telco Instalation & Maintenance Tool Kit	661.00 12 5.45	661.00 644.48 627.95
NEW 445319 1 EACH	TESSCO Tools TELCO KIT 1 1yr	Telco Kit With Test Set & DMM	1,057.50 13 5.91	1,057.50 1,031.07 1,004.63

Insulated Site Kit

The 1000V insulated tools in this kit is designed for switches, motors and personnel. Safety gloves are rat for use up to 500 V max; tools are fully insulated and rated for use up to 1000 V max. Our three pallet hea duty polyethylene case is high-visibility yellow. With a the tools listed below, this 39-pound kit is 17.5"L x 14"W x 8.75"D (I.D.). USA

- Two Low-Voltage Glove Kits, Sizes 9 &11
- Insulated 12" Hacksaw
- Two Driver Extensions, 3/8"x3" & 3/8"x6"
- Long Arm Hex Key Set, 1/16" -- 7/16"
- Ratchet Driver, 3/8"
- Box Wrench Set, 11pc
- 2 3/8" Drive Sockets, x 5/16", x 7/8"
- 8 Short Wall Sockets, 3/8" -- 13/16"
- 2 Slotted Screwdrivers, 9/64", 4 3/16"
- 2 Cushioned Screwdrivers, 1/4", 3/16"
- #2 Phillips Screwdriver, 4"
- #2 Phillips Screwdriver, 8"
- Slotted Screwdriver, 5/16" x 6"
- 7 Nutdrivers, 3/16" x 6 -- 1/2"x6"
- Diagonal Pliers, 7 1/2 "
- Needlenose Pliers
- Cable Cutting & Linemans Pliers, 9"
- Water Pump Pliers, 10"
- Wire Stripper/Crimper
- Torque Wrench Driver, 3/8"
- Insulated Mini Mag-Lite with AA-Cell, 2-Pack
- Yellow Insulated Tool Case

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 453102 1 EACH	TESSCO Tools INSULATED KIT 1yr	1000V Insulated Tool Kit, 53pc, Yellow Hi-Viz Case	2,631.45 40 18.18	2,631.4 2,565.6 2,499.8

Insulated MRO Super Kit

- 9/64" x 2" Slotted Screwdriver
- 3/16" x 4-1/2" Slotted Screwdriver, Cushion Grip
- 3/16" x 6" Slotted Screwdriver, Cushion Grip
- 1/4" x 6" Slotted Screwdriver, Cushion Grip
- 5/16 x 6" Slotted Screwdriver, Cushion Grip
- #2 x 4" Phillips Screwdriver, Cushion Grip
- #2 x 8" Phillips Screwdriver, Cushion Grip
- 9" Linesman's Pliers
- 8" Needle Nose Pliers
- 7-1/2" Diagonal Pliers
- 9-1/2" Cable Cutting Pliers
- 10" Water Pump Pliers
- Combination Stripper/Crimper Pliers
- 14 pcs. 1/16" to 1/2" Long Arm Hex Wrench Set
- 3/8" Drive Reversible Ratchet
- 3/8" Drive x 3" Extension
- 10 pcs. 5/16" to 7/8" Socket Set
- 11 pcs. 3/8" to 1" Box End Wrench Set
- 3/16" x 6" B/E Nutdriver, Cushion Grip
- 1/4" x 6" B/E Nutdriver, Cushion Grip
- 11/32" x 6" B/E Nutdriver, Cushion Grip
- 3/8" x 6" B/E Nutdriver, Cushion Grip
- 7/16" x 6" B/E Nutdriver, Cushion Grip
- 1/2" x 6" B/E Nutdriver, Cushion Grip
- 30"-150" Torque Wrench

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 485376 1 EACH	CEMENTEX PRODUCTS, INC. ITS-60B/T	1000V Insulated Tool Kit with High-Density Polyethlene Case.	2,515.00 33 15	2,515.0 2,389.2 2,263.5

TESSCO TECHNOLOGIES

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WWW.TESSCO.COM

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ellular Site Maintenance Tool Kit

Kit includes the hand tools and test equipment used by Cellular engineers in the field. Soft case allows additional room for tools & equipment. USA

- Hemostat
- 24 AWG wire wrap bit w/ tool & sleeve
- wrap Tool
- 8" Adjustable Wrenches
- nment Tools
- sors
- ng Tool
- & Metric Hex Key Sets
- be/Awl
- H Offset Ratchet Driver
- iers & cutters
- light
- mbo Wire Stripper/Cutter/Crimper
- Butt Set
- Blade Punch Down Tool
- e Measure
- ler Aids
- e 77 DMM
- ezer
- or
- 14 pc SAE 1/4" Socket Set
- 3 Phillips & 8 Slotted Screwdrivers
- 9 Nut Driver Blades (3/16-1/2")
- 9 Hex Blades (.05-7/64")
- 2 Pin Punches
- Center Punch
- 6" Steel Rule
- Jewelers Screwdriver Set
- Solder Iron
- Receptacle Tester
- Toner and Line Aid
- 2-4-6-8 Pos Modular Crimper
- Burnishers
- Hammer
- De-solder Tool
- Torx Driver
- Knife
- Molded Polyethlene Case
- Pallets

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
092 CH	Wireless Solutions CELLULAR SITE KIT Lifetime	125 pc Cellular Site Maintenance Tool Kit with inch size tools. Soft case.	1,911.00 35 15.91	1,755.00 1,737.45 1,719.90
804 CH	Wireless Solutions CELLULAR SITE KIT Lifetime	125 pc Cellular Site maintenance kit tool kit with inch size tools. Deep case.	1,900.15 35 15.91	1,745.00 1,727.55 1,710.10

eluxe Tool Kit

Xcelite's 84 piece field service tool kit. Contains 53 individual tools, plus 31 series 99 interchagable screwdriver/nutdriver blades and handles. USA

- changeable Blade Tools:
- ular Handle, Ratcheting straight, TEE handles
- Extensions
- ox Blades
- ,2 Phillips Blades
- ner
- 1/4 5/16 3/16 Slotted Blades
- ostat
- dj Wrench
- get Grove Joint Plier
- roove Joint Plier
- Long Nose Pliers
- hain Nose Plier
- 4", 6" Diagonal Cutters
- Electronic snips
- Wire Stripper
- Electrician's Knife
- Offset Ratchet driver set
- Screw/Nut driver
- 11 Regular slotted screwdrivers
- 1 Fullyinsulated slotted screwdriver
- 4 Regular phillips screwdrivers
- 8 Nutdrivers 3/16 - 9/16"
- 10 Midget Nutdrivers 3/32-3/8, Torque Handle
- 1/4, 5/16" MagneticNutdrivers
- Combination Screwdriver Tool

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
34 CH	Xcelite TCMB100ST Lifetime	84 pc. kit with winged top pallet, and sturdy bottom pallet in Polyethelene Hard Case. USA	976.65 26 11.82	688.52 673.87 654.34

Economy Pro's Electronic Tool Kit

Electronic Tool Kit for the professional. Includes 58 tools to service most electronic equipment. Housed in a rugged case.

- 13 Assorted Screwdrivers
- 6 assorted Precision Screwdrivers
- Brush
- Mini-drill set
- Utility Knife
- IC extractor
- Vice
- Electrical Tape
- Flashlight
- Anti-Static Wrist Strap
- Soldering iron & stand
- Assorted pliers
- Digital multimeter
- Solder
- 6" Stainless Scissors
- Folding Hex Wrench
- 8" Lineman's Pliers
- 6" Tweezers
- Mini-Vacuum Cleaner
- Desoldering Pump
- 6" Adjustable Wrench
- All-in-one Crimper
- Voltage Test Screwdriver
- Components Box
- 5 pc. File Set
- 10pc. Mini-Wrench Set
- Removable Pallets
- Tool Case

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
21065 1 EACH	Wireless Solutions 500-007A 5 Years	58-pieces in hard case with 2 removable pallets and internal dividers.	326.00 18 8.18	326.00 326.00 326.00

DataCom Tool Set

Category 5 Datacom Tool Ket in a handy zippered case. Everything you need for a CAT-5 installation and repair, except the cable.

- RJ45/RJ11 crimper
- Impact Punch Down Tool w/ 110 and 66 blades
- Cutter/Stripper for shielded and unshielded voice and data cable
- Patch-Check continuity checker
- 20ea RJ45 connectors (Cat-5)
- Zippered Carry Case

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
48485 1 EACH	Paladin 901053 1 Year	Paladin Datacom Tool Kit	190.00 3.07 1.4	170.24 158.27 154.09

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Technicians Soft Tool Kit #1

Tessco designed this custom tool kit with the technician in mind. It contains name brand tools and equipment in a quality Platt case.

- Electrician's pocketknife
- 4" and 6" needle nose pliers
- Coax crimper
- 5" Diagonal Cutters
- Midget slip joint pliers
- 7" groove joint pliers
- Hemostat
- Adjustable wrench
- Wire Stripper
- Butane Soldering Iron
- Solder
- 99 series interchangable tools:
- 3/16,1/4" slotted screwdrivers
- #1,#2 Phillips drivers
- Driver Handle, 5" Extension
- Nutdrivers 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8"
- Digital Multimeter
- Nylon Cordura Tool Case

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
24409 1 EACH	TESSCO Tools TOOL KIT 1 Lifetime	27 pc. Electronic Technicians Tool Kit in Cordora Nylon zip case.	475.00 8.01 3.64	362.40 359.07 353.37

Technicians Soft Tool Kit #1A

CELLDYNE universal phone repair kit 7pc bench tool kit

- 4" and 6" Long nose pliers
- 5" Diagonal Cutters
- Wire Stripper
- 7" Groove Joint Pliers
- Electrician's Pocket Knife
- 6" Adjustable Wrench
- 6" Straight Hemostat
- Curved Tweezers
- Series 99 Tool Handle
- Ser.99 Nutdrivers: 3/16,1/4,7/32,9/32,5/16,11/32,3/8"
- Ser.99 Slotted Screwdrivers: 3/16, 1/4"
- Ser.99 Phillips Scredrivers #1, #2
- Ser.99 4" Extension
- Portasol Butane Solder Iron
- Solder Tube
- Case

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
27768 1 EACH	TESSCO Tools TOOL KIT 1A Lifetime	27 pc Two-Way Technician Tool Kit in soft Nylon Cordura Tool Case with outside pockets. USA	354.55 8.01 3.64	270.52 268.04 263.78

Technicians Soft Tool Kit #36

Tessco designed this custom tool kit with the technici in mind. It contains name brand tools and equipment a quality Platt case.

- 5" Wire Stripper
- 6" Steel Ruler
- Hobby Knife
- RF Alignment tool
- 4" Midget Diagonal Plier
- Electrician's Scissor
- 4" & 6" Long Nose Pliers
- 7" Groove Joint Plier
- 6" Adjustable Wrench
- 9pc Folding Hex Wrench Set
- 5pc Offset Ratchet Screwdriver
- Jewelers Screwdriver Set
- 3/32 and #0 Phillips Pocket Screwdrivers
- Hemostat
- 99 Series Interchangeable Tools: Handle
- #1, #2 Phillips Blades
- 1/4, 3/16" Slotted Blades
- 3/16, 1/4, 5/16, 7/16, 1/2" Nutdriver Blades
- 4" Extension Blade
- AAA Maglite
- 25watt Solder Iron & solder tube
- Soldapult Solder Remover
- Solderbrush-scraper
- Case

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
42756 1 EACH	TESSCO Tools TOOL KIT 36 Lifetime	40 pc. tool kit in Cordura Nylon Tool Case with external pockets	398.35 10 4.54	303.9 301.1 296.3

RF Technician's Tool Kit #48

TESSCO designed this 87 piece tool kit with the tool most requested by the RF Technician. Your kit is house in a rugged ballastic nylon Chicago case.

- 5-in-1 Crimper/Stripper
- Elect. Pocket Knife
- Assorted Needle Files
- Probe Pick
- Electrician's Scissors
- 4", 5" Diagonal Cutters
- 4.5" Smooth Jaw Pliers
- 6" Needle Nose Pliers
- 5" Curved Vise Plier
- 6" Adjustable Wrench
- 10pc Midget Combo Wrench Set
- 15pc Hex Key Set
- 5pc Offset Ratchetdriver
- 7pc Prescision Screwdriver Set
- 3/16, 1/4, 1/8, 3/32" Slotted Screwdrivers
- T10,T15 Security Torx,T20 Torx
- #1,#2 Phillips drivers
- Hemostat
- #00 Tweezer
- 10pc Interchangeable Blade Nutdrivers
- 12' Tape Measure
- 4oz Ball Pein Hammer
- Chip Insertion Tool, Spring extactor
- Screw Starter
- Magnetic Pickup Tool
- Inspection Mirror
- 35W Solder Iron
- 7" groove joint plier
- Nylon Zip Case

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
76911 1 EACH	TESSCO Tools TOOL KIT 48 Lifetime	TESSCO 87 pc RF Commuications Tech Tool Kit in a solf-side ballistic nylon tool case.	685.75 10 4.54	523.20 518.40 510.17

TESSCO TECHNOLOGIES

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ell Phone Maintenance Kit

Cellular Phone Maintenance Kit includes the special tools for Motorola and Ericcson cellular phones and antennas.

- ision Torx Screwdrivers: T5, T6, T7, T8, T9
- ision Security screwdriver: M1.7, Motorola ing type
- ner Tool for Motorola
- nna Remover Tool for Ericcson, Antenna FIX- tool for Motorola (2pc set)
- T6 screws
- 6ea Ericcson "A" screws
- 6ea Ericcson "B" screws
- 6ea Ericcson "C" screws
- 3ea Antenna Screws
- Zip Carry Case

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
50 CH	Wireless Solutions 500-019 5 Years	Pro Cellular Phone Maintenance Kit. Includes: percision screwdrivers, antenna remover tool, plus an assortment of necessary screws.	56.00 1 0.45	56.00 56.00 56.00

ries 99 Service Kits

28681

djustable Wrench
ng Nose Plier
agonal Cutter
lar 99-series handle
y 99-series handle
and 1/4 Slotted Screwdrivers
2 Phillips Drivers

60304

- Nutdriver Sizes:
- 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2"
- Stubby Nutdrivers: 1/4, 5/16, 3/8"
- Reamer
- 5" Extension
- Roll Case

Series 99 Field Service Tool Kit with interchangable blades and common handles. All blades are high quality hardened, tempered steel.

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
81 CH	Xcelite 99SM Lifetime	XCELITE Service Kit. 23 pc kit includes: handles; interchangeable screwdriver blades, nutdriver blades, reamer, extension, pliers, wrench & roll pouch. USA	190.00 3.22 1.46	133.95 131.10 127.30
04 CH	Xcelite 99SMW Lifetime	26 pc. Field Service Tool Kit with interchangeable blades in roll pouch with 25W solder iron, tip, and wire stripper.	248.90 3.66 1.66	175.48 171.75 166.77

ELITE Professional Installers Kit

430325

All-in-one telecom installers kit includes cutters, cordless screwdriver, crimp tool frame for F-type CATV, RG6, can wrench, and more.

No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
V 25 CH	Xcelite DCK6 Lifetime	Kit includes: coax cutter, 1-speed cordless screwdriver & charger, All-in-one telecom crimp tool, telecom crimp tool frame for F-type CATV, and RG-6, hex can wrench, telephone line analyzer, SOHO line analyzer, UTP/STP stripper, self-adjusting stripper, 4	1,399.10 11.37 5.17	1,165.42 1,075.88 998.93

XCELITE UTP/STP Installers Kit

455317

UTP/STP Kit has: cutters, strippers, crimp tool w/die set for RG-59, F-type CATV, and RG-6; punch down tool; tester & more.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 455317 1 EACH	Xcelite DCK8 Lifetime	Includes: telecom cutter, UTP/STP stripper, self-adjusting stripper, rotary coax stripper, telecom crimp tool frame with die set for RG-59, F-type CATV, and RG-6; 3-in-1 telecom crimp tool, impact punch down tool w/ type 66 &110 blade, coax/data/tone test	1,182.10 7.94 3.61	984.66 909.01 844.00

XCELITE Category 5 Data Installers Kit

Housed in a 1000 denier Nylon Soft Side case, your kit includes all the tools you need to complete a Cat 5 install.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 447371 1 EACH	Xcelite DCK9 Lifetime	Xcelite Cat 5 Data Tool Kit in Black Cordura case	987.40 5.91 2.69	822.51 759.32 705.01

Tool Cases without Tools [570-20]

Chicago Case "Tool Tote" Cases

Soft side case made of durable DuPont Cordura (r) nylon and has hand sewn pallets to hold up to 48 tools and a multimeter. Includes two outside expandable pockets. Your case is water resistant with sturdy handles and heavy duty zipper. Has second compartment for manuals, clipboard, papers etc. (Tools not included)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Dimensions	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
14084 1 EACH	Chicago Case CD2X1 1 yr	Solf-sided datacom tool case holds upto 48 tools and a multimeter. 18.5"Lx11"Wx2.5"D	125.00 5.5 2.5	93.13 91.88 90.63

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Soft Cordora Tool Cases

All purpose Black field service case is made of tough DuPont Cordura(r) Nylon with exterior pockets. Heavy duty zippers. Perfect for the technician who visits customers. (Tools not included) USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Dimensions	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
11305 I EACH	Platt Luggage 601ZT 1 yr	MINI CASE. 14 sewn interior pockets. 1 pouch. 10"L x 7"ZH x 2"D	49.50 1.31 0.6	49.50 37.53 35.35
36484 I EACH	Platt Luggage 660ZT 1 yr	TROUBLE SHOOTER. 29 sewn tool pockets, one meter pouch. Pouch for small partstorage. 13"W x 10"H x 2.5"D	82.40 3.26 1.48	82.40 62.46 58.84
11077 I EACH	Platt Luggage 669ZT 1 yr	MASTER TECHNICIAN case. 47 sewn tool pockets along with an internal meter pouch. Detachable shoulder strap. USA 15"L x 11"H x 3"D	119.50 4 1.82	119.50 90.59 85.33
88091 I EACH	Platt Luggage 641ZT 1 yr	ALL PURPOSE ELectronics Field Service Case includes: 49 tool pockets; 2 velcro straps for for meters, etc. USA 18"W x 13"H x 3"D	136.00 3 1.36	136.00 103.09 97.11
454004 I EACH	Platt Luggage SC3119 1 yr	Electronic Ibnstallation Field Service Case features: 49 tool pockets; 2 velcro straps for for meters, etc. with shoulder strap. USA 18"W x 13"H x 3"D	132.00 3.25 1.48	132.00 100.06 94.25
42543 I EACH	Platt Luggage 685ZT 1 yr	PLATT Master Telecom, Black Cordura(r) case includes: heavy-duty zipper; 24 sewn tool pockets; 2 poly web straps; 5 parts pouches. 14"Lx13"Hx3"D. (Tools not included) USA 15"L x 14"H x 3.5"W	159.70 4 1.82	159.70 121.06 114.03
11075 I EACH	Platt Luggage 691ZT 1 yr	FIELD SERVICE SUPERVISOR CASE. Has 2 exterior pockets, and one document pocket. Interior has 3 pocket vinyl file folder and full size tool pallet. (Tools not included)USA 18"L x 13"H x 3"W	140.60 4 1.82	140.60 106.58 100.39

Chicago Case "Tool Tote" Cases

Soft-side tool case is made of durable DuPont Cordura(r) nylon. Your case has sewn pallet and holds 29 tools and a test meter. Outside expandable pocket. Case is water resistant with sturdy handles and heavy duty zipper.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Dimensions	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
27298 I EACH	Chicago Case CD29 1 year	Nylon soft-side tool case holds 29 tools, 1 meter and outside pocket. Black. 13"L x 10"H x 2-1/2"D	65.00 2 0.91	48.43 47.78 47.13

Chicago Case "Tool Tote" Cases

Soft side field service case made of durab DuPont Cordura nylon and features sew pallet that hold 48 tools and a test mete plus an outside expandable pocket. Case water resistant with sturdy handles and heavy duty zipper.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Dimensions	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
65691 I EACH	Chicago Case CD48 1 year	This soft-sided tool case holds 48 tools and 1 meter with outside pocket. Made of Black, DuPont Cordura(r) Nylon. (Tools not included). 15.5"Lx11.25"Hx2.5"D	90.00 2.78 1.26	67.05 66.15 65.25

Combo Tool & Notebook Computer Case

PLATT's dual-sided Dupont Cordura(r) Nylon case is designed for technicians and engineers who need a la top computer in the field. The hand-sewn tool pallets feature 47 sewn pockets for tools are made of neolu for durability. Notebook computer pocket is padded for protection. Black with industrial zippers. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Dimensions	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
70972 I EACH	Platt Luggage 689ZT 1 year	PLATT Combo tool and notebook computer case with shoulder strap. Black DuPont Cordura(r) Ntylon 17"L x 10"H x 6"D	165.30 6.5 2.95	165.30 125.30 118.03

C.H. Ellis Single Zipper

Made of 1000 denier ballistic nylon, this Electronic Fie Service case will hold up to 40 electronic tools and a multimeter inside, plus ample storage in one largeou side pocket and two smaller pockets. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Dimensions	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 482360 I EACH	C.H.Ellis 03-2727 Lifetime	C.H. Ellis 1000 denier Nylon Cordura zippered Tool Case. Gray. 15-1/2"W x 11-1/4"W x 2-1/2"D	110.00 3 1.36	99.99 87.45 80.30

C.H. Ellis 3-Zipper Field Svc Case

Your triple section zipper tool case will carry 40 tools plus paperwork. Test equipment, spares or a laptop ca be carried in the protected center section.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Dimensions	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 429352 I EACH	C.H.Ellis 03-5372 Lifetime	C.H. Ellis Classic triple Section DuPont Cordura Tool Case Black. 18"W x 12"H x 8"D	199.00 7 3.18	180.90 158.21 145.27

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H. Ellis Backpack Tool Case

C.H.ELLIS 100 tool pockets plus compartments. A zipper gives you access to all. Foam back protector plus waist belt and shoulder pads. Cordura Nylon. Black.

No. Uom	Manufacturer Mfg. P/N Warranty	Description, Dimensions	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W	C.H.Ellis	C.H. Ellis Backpack Tool Case Black. 18"W x 16"W x	145.00	131.81
387	03-5964	6"D	5	115.28
CH	Lifetime		2.27	105.85

H. Ellis Tool Case, Laptop 2-Zip

This rugged 1000 denier nylon double zipper case features a padded compartment for your laptop computer and other business materials. The other zippered compartment has 31 tool pockets and one multimeter pocket. Externally, there are two small and one large comparments. USA

No. Uom	Manufacturer Mfg. P/N Warranty	Description, Dimensions	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W	C.H.Ellis	C.H. Ellis Padded Classic Cordura Tool Case Black.	167.00	151.81
33	83-7010	16"W x 12"H x 6"D	8	132.77
CH	Lifetime		3.64	121.91

H. Ellis Tool Organizer, 1 Zipper

This compact single sipper tool case holds 13 electronics tools, a pouch an adjustable pouch. This clutch-style case fits easily into your main tool case, briefcase or drawer.

No. Uom	Manufacturer Mfg. P/N Warranty	Description, Dimensions	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W	C.H.Ellis	C.H. Ellis Classic Cordura Tool Case. Gray. 9-3/4"W x	50.00	45.45
74	03-4045	7-1/2"H x 2-1/2"D	2	39.75
CH	Lifetime		0.91	36.50

Deluxe Series Tool Cases

Deluxe Series case is a made of molded, high-density, structural polypropylene shell and molded feet. Sturdy aluminum frame and padded steel core handle make this case durable and economical. Two pallets included hold 40 tools. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Dimensions	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
24800	Chicago Case	Deluxe Tool Case with two pallets. Black, high-density	120.00	89.40
1 EACH	6600	structurally molded polyproplene case. USA 18"W x	10.6	88.20
	1 year	13"H x 6"D	4.82	87.00

XtraLite, XtraTough Tool Case

High-impact, molded polyethylene, chemical-resistant shell with tongue and groove aluminum frame. Features full length piano hinge and document pocket in lid. Two pallets hold 40 tools for electronic field service. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Dimensions	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
12835	Chicago Case	Lightweight polyethylene high impact case. 18"L x 13"H	130.00	96.85
1 EACH	XLST61	x 6"D	8	95.55
	1 year		3.64	94.25

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Hard Sided Tool Case

Deluxe Polypropylene hard sided case. Chemical resistant finish.(tools not included)

- 2 Pallets
- Extruded aluminum frame
- Sudhaus keylocks
- Full length hinge
- Bottom divider and literature pocket
- 18"Lx13"Hx6"D

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Dimensions	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
74877 1 EACH	Platt Luggage 800T 1 yr	2 molded pallets, with 22 tool positions on each pallet. 18"L x 13"H x 6"D	160.70 11.08 5.04	160.70 121.82 114.74
53910 1 EACH	Platt Luggage 800T-CUSTOM 1 yr	2 sewn pallets. 20 position top pallet for screw/nut drivers and 38 positions for other tools on bottom pallet 18" x 13" x 6"	300.00 10.66 4.84	300.00 227.40 214.20

Ultimate Molded Tool Cases

The "Ultimate" tool case features durable molded ribbed polyethylene shell. Constructed with black anodized heavy duty frame and gasket, black finished cast key locks and combination lock, deluxe golf grip handle and full-length piano hinge. Comes standard with molded adjustable bottom divider, convenient literature pocket and two molded pallets.

- tools not included

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Dimensions	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
73825 1 EACH	Platt Luggage 918T-CB 1 Year	Economy Polyethylene Molded Tool Case with 2 Molded Tool Pallets 18"L x 13"W x 8"D	158.10 11.2 5.09	158.10 119.84 112.89
73924 1 EACH	Platt Luggage 976T-CB 1 Year	Ultimate Polyethylene Tool Case w/ 2 Molded Tool Pallets. 18"L x 13"W x 7"D	211.20 12.18 5.54	211.20 160.09 150.80
73945 1 EACH	Platt Luggage 978T-CB 1 Year	Ultimate Polyethylene Tool Case w/ 2 Molded Tool Pallets. 18"L x 13"W x 8"D	217.40 13 5.91	217.40 164.79 155.23
73889 1 EACH	Platt Luggage 920T-CB 1 Year	Deluxe Polyethylene Tool Case w/ 2 Molded Tool Pallets. 18"L x 13"W x 9"D	202.90 14.1 6.41	202.90 153.80 144.88

C.H. Ellis Tool Cases without Tools

This C.H. ELLIS high-impact polyethylene field service case has a full-length piano hindge, long-life positive action lid stays, hand-fitted Black aluminium valance, steel core padded handles and drawbolts. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Dimensions	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 415366 1 EACH	C.H.Ellis 05-5017 Lifetime	C.H.Ellis Black polyethylene tool case. Black 17-3/4"W x 12-1/2"H x 6"D	147.00 10 4.54	133.63 116.87 107.31
NEW 498305 1 EACH	C.H.Ellis 85-7018 Lifetime	C.H.Ellis Black HD polyethylene tool case 17-3/4"L x 12-1/2"W x 8"D	149.00 9 4.09	135.45 118.46 108.77

Xcelite Hard Sided Cases

Tool kits from Xcelite offer two pallets. Top pallet has 2 swingout panels. Solid brass hardwar (tools not included)

- tools not included

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Dimensions	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
15467 1 EACH	Xcelite TC100MT 1 yr	94 tool positions. Case is covered with leather grain Marvelon vinyl. 19.5"Lx 13.5"Wx6.75"H	326.80 13.87 6.3	272.2 251.3 233.3

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ATA Tool Cases

Heavy Duty polyethylene material or aluminum with unique continuous industrial frame on the exterior and interior of case for maximum strength (ATA300). Recessed hardware, combination lock, full-length piano hinge, spring loaded handle and security type bolts. Deluxe literature pocket in lid and two molded pallets. Foam in bottom of case for meters.

tools not included

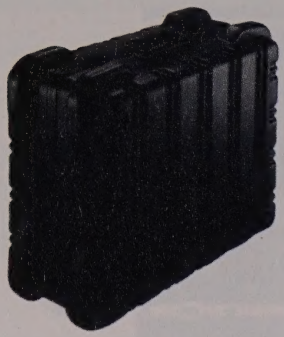
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Dimensions	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
74009 EACH	Platt Luggage 747T-CB 1 Year	Guardsman ATA Tool case, Polyethylene Sides, Black. 17.5"L x 11"W x 8"D	370.80 19.1 8.68	370.80 281.07 264.76

SUPER-SIZE Case

Large high-tech rugged ribbed case in a large size. Black valance with all blck hardware. Combination lock. Handle is stitched vinyl with a steel core for maximum strength.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Dimensions	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
79365 EACH	Platt Luggage 359T-SGSH 1 yr	SUPER-SIZE Case Black 18" x 15" x 9"	220.40 12.3 5.59	220.40 167.07 157.37

Indestructo "Military Ready" HD Case



Designed to military specifications, made of 25% thicker HDPE shell. Includes 3 digit combination lock, military hardware with padlock security loop. Spring loaded steel handle with cushion grip. Withstands harsh elements from -40 deg.F to 185 deg.F.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Dimensions	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
53925 1 EACH	Chicago Case MMST9B 1 yr	Military case with two pallets. Black. 18"L x 15"W x 9"H	230.00 12.94 5.88	171.35 169.05 166.75

Military Type Super Size Case

High-tech rugged ribbed case in a large size with molded in-corner bumpers to protect the valance and hardware. Black valance with all black hardware, combination lock, full-length piano hinge, spring loaded handle and twist draw latches. Comes standard with two Super Size pallets. Accepts only Super Size pallets.

• tools not included

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Dimensions	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
73964 1 EACH	Platt Luggage 349T-SGSH 1 Year	Military-Type Super Size Tool Case w/2 pallets 17.5"L x 14.5"W x 9"D	220.40 14.3 6.5	220.40 167.07 157.37

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Indestructo "Supreme" Tool Case

Extra heavy duty aluminum frame, high impact polyethylene sheel. Full length piano hinge with a padded core handle. All riveted hardware throughout the frame for extra strength. Suitable for shipping. Holds 57 tools in the hinged pallet. (Tools not included).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Dimensions	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
76407	Chicago Case	Indestructo Supreme with three winged pallet. Black.	250.00	186.25
1 EACH	DST9WCL	17.75"Lx14.5"Wx9.25"D	15.8	183.75
	1 yr		7.18	181.25

Indestructo Case With Built In Cart

Indestructo case is made of a high density polyethylene for durability. Cart with 36" telescoping handle is built in. Two pallets with capacity for 50 tools. Extra deep bottom compartment for added storage. Easy to take on and off any vehicles and fits thru subway turnstiles. Combination locks included.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Dimensions	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
28696	Chicago Case	Indestructo case with built in cart. Two pallets. Black	287.50	214.18
1 EACH	DST9CART	18" Lx 15"W x 9"D	14.84	211.31
	1 yr		6.74	208.43

Super Size Case w/Wheels & Handle

High-tech rugged ribbed case in a large size with molded in-corner bumpers to protect the valance and hardware. Black valance with all black hardware, combination lock, full-length piano hinge, spring loaded handle and twist draw latches, ball-bearing wheels, and a telescoping handle. Comes standard with two Super Size pallets. Accepts only Super Size pallets.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Dimensions	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
73971	Platt Luggage	Military-Type Super Size Tool Case with Wheels, Tele-	317.30	317.30
1 EACH	369TH-SGSH	scopic Handle, and 2 pallets 17.5"L x 14.5"W x 9"D	18.5	240.52
	1 Year		8.41	226.56

C.H. Ellis Wheeled Bumper Guard Case

This C.H. Ellis Case is made from thick polyethylene plastic with extra thick bumpers for added protection this tool case features an extra strong, molded-in tele scoping handle that extends to 38" and locks in place and recessed wheels. Takes two large 14" Pallets. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Dimensions	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	C.H.Ellis	C.H. Ellis Tool Case with bumpers. Black. 17-3/4"L x	295.00	268.1
468305	88-6984	15"W x 10"D	21	234.5
1 EACH	Lifetime		9.54	215.3

C.H. Ellis Wheeled Roto Mold Case

The C.H. ELlis Super Rotationally Molded tool case is made of high-density, polyethylene resin and features telescoping handle, quarter-turn twist latches, and recessed, ball-bearing wheels. The tool pallets are pos tioned vertically to prevent your tools from vibrating out of their pockets. It takes large 14" pallets. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Dimensions	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	C.H.Ellis	C.H. Ellis Wheeled Roto Tool Case. Black 17-3/4"W x	280.00	254.5
463365	33-6310	14-1/2"H x 10"D	24	222.6
1 EACH	Lifetime		10.91	204.4

C.H. Ellis Wheeled Zipper Tool Case

Designed with multiple pockets to satisfy your field s vice application, this wheeled zippered tool case is made from tough 1000 denier nylon and has four co venient zippered pockets

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Dimensions	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	C.H.Ellis	C.H. Ellis Wheeled Zipper Tool Case. Black 17-1/2"W x	249.00	226.3
420377	83-6999	12-1/2"H x 9-1/2"D	11	197.9
1 EACH	Lifetime		5	181.7

Sewn and Riveted Pallets

Sewn pallets have strong pockets and pouches to hol wide range of tools and parts with rivets on all stres points. All outer edges are sewn through a heavy bac ing material to prevent separation. Will work with an toolkit with 18 x 13 dimensions.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Dimensions	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
21144	Platt Luggage	Top Pallet 30 tool pockets 17-1/4" x 12-1/4" 17-1/4" x	34.50	34.5
1 EACH	PALLET G	12-1/4"	3.02	26.1
	1 yr		1.37	24.6

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Tools

ontinuing product table (2 of 2)

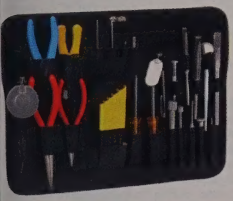
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Dimensions	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
59537 I EACH	Platt Luggage PALLET H 1 yr	Bottom Pallet, 19 tool pockets 17-1/4" x 12-1/4" 17-1/ 4" x 12-1/4"	34.50 3.02 1.37	34.50 26.16 24.64

Roll-up 99-Series Tool Cases

Plastic-coated canvas roll-up tool cases for Xcelite 99-Series interchangeable tools or similar. (Tools not included.)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Dimensions	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
43144 I EACH	Xcelite 99SMK 1 yr	Plastic-coated 28 pocket roll case (NO tools). Designed for 25 "99"-series tools plus handle and 3 pliers.	23.40 0.44 0.2	19.48 17.98 16.70
94160 I EACH	Xcelite 99MPK 1 yr	Plastic-coated 41 pocket roll case (NO tools). Designed for 39 "99"-series tools plus handle and two pliers.	30.60 1 0.45	25.49 23.54 21.85

C.H. Ellis Pallets for 12" Case



Electrical/Electronic Tool Pallets. Designed to hold and organize tools commonly used for electronic rework and repair. In combination, the two pallets will hold 45 tools.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Dimensions	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 495389 I EACH	C.H.Ellis 87-6972 Lifetime	C.H. Ellis 21-Pocket Bottom Pallet for 12" Case.	21.00 2 0.91	19.09 16.70 15.33
NEW 498300 I EACH	C.H.Ellis 87-6971 Lifetime	C.H. Ellis 24-Pocket Top Pallet for 12" Case.	25.00 2 0.91	22.73 19.88 18.25

C.H. Ellis Pallets for 14" Case

C.H.ELLIS 60-Pocket Computer Service Pallet SET for 14" case. Pallets are designed to hold 60 tools most commonly used in computer service.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Dimensions	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 463327 I EACH	C.H.Ellis 07-3709 Lifetime	C.H. Ellis 60-Pocket Pallet SET for 14" case. Large pallets fits 14" case (I.D. dim)	67.00 5 2.27	60.91 53.27 48.91
NEW 496335 I EACH	C.H.Ellis 07-4018 Lifetime	C.H. Ellis 86-Pocket Wing Pallet Set for 14" Case	118.00 10 4.54	107.27 93.81 86.14

C.H. Ellis Pallets for W500 Case

These Tool Pallets hold and organize tools most commonly used by Electro Mechanical field technicians.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Dimensions	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 469347 I EACH	C.H.Ellis 87-7012 Lifetime	C.H. Ellis 20-Pocket Bottom Pallet for W500 case.	28.00 2 0.91	25.46 22.26 20.44

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Dimensions	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 470389 I EACH	C.H.Ellis 87-7002 Lifetime	C.H. Ellis 36-Pocket Top Pallet for W500 case	32.00 2 0.91	29.09 25.44 23.36

C.H. Ellis Roto Mold Transport Case

This extra-tuff, rotationally molded, hi-density polyethlene case features deluxe drawbolt latches, padded steel core handle, full-length piano hindge and hand-fiited valance. Black 17-3/4"W x 14-1/2H x 10"D USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Dimensions	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 487351 I EACH	C.H.Ellis 33-6697 Lifetime	C.H. Ellis Rotationally Molded Tool Case. Black 17-3/ 4"W x 14-1/2"H x 10"D	170.00 21 9.54	154.53 135.15 124.10

Equipment Protection Cases [570-30]

If you are purchasing these, you may need:

Tool Kits, Complete. . . . . page 1523
Workbenches, Complete . . . . . page 1649

Foam-Filled Blow-Molded Cases

Low cost solution to "Make Your Own" case needs. Manufactured from high-density polyethylene with double wall construction. The textured exteriors resist dents, cracking, scuffs, chemical attack, and are unaffected by extreme temperatures. The cases feature field replaceable mechanical latches and meets U.S. 94B specifications as an electrical insulator.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Dimensions (L x W x D, Inches)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
73326 I EACH	Platt Luggage 107 1 Year	Blow-Molded Case with cubed foam fill. 7.5"L x 5"W x 2.125"D	14.60 1 0.45	14.60 11.07 10.43
73342 I EACH	Platt Luggage 207 1 Year	Blow-Molded Case with cubed foam fill. 9.5"L x 6"W x 2.625"D	17.90 1.5 0.68	17.90 13.57 12.79
73364 I EACH	Platt Luggage 307 1 Year	Blow-Molded Case with cubed foam fill. 11"L x 7"W x 3.375"D	26.20 1.9 0.86	26.20 19.86 18.71
73393 I EACH	Platt Luggage 407 1 Year	Blow-Molded Case with cubed foam fill. 12.5"L x 9"W x 5.125"D	34.50 2.7 1.23	34.50 26.16 24.64
73400 I EACH	Platt Luggage 507 1 Year	Blow-Molded Case with cubed foam fill. 14"L x 10"W x 4"D	41.90 3.04 1.38	41.90 31.76 29.92
73407 I EACH	Platt Luggage 607 1 Year	Blow-Molded Case with cubed foam fill. 16"L x 11"W x 2.875"D	40.60 3.5 1.59	40.60 30.78 28.99

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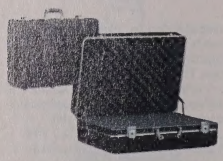
Light Duty ABS Equipment Cases

Light Duty, black, scuff resistant molded ABS thermoplastic forms the shell of these tough cases. Extruded aluminum rim, drawbolt key locks, and strong molded handle. The interior is filled with 3 piece polyester foam. The bottom foam is precut into removable cubes. The lid is filled with egg crate type foam.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Dimensions (L x W x D, Inches)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
64161 1 EACH	Platt Luggage 1412 1 Year	Light-duty case with cubed foam fill 12"L x 9"W x 5"D	60.80 2.85 1.3	60.80 46.09 43.42
15497 1 EACH	Platt Luggage 1414 1 Year	Light-duty case with cubed foam fill. 12"L x 11"W x 5"D	68.50 3.15 1.43	68.50 51.93 48.91
74636 1 EACH	Platt Luggage 1416 1 Year	Light-duty case with cubed foam fill. 16"L x 12"W x 5"D	72.60 4.24 1.93	72.60 55.04 51.84
89340 1 EACH	Platt Luggage 1426 1 yr	Light-duty case with cubed foam fill. 16"L x 12"W x 7"D	77.80 4.75 2.16	77.80 58.98 55.55
73506 1 EACH	Platt Luggage 1419 1 Year	Light-duty case with cubed foam fill. 18"L x 13"W x 5"D	92.20 4.8 2.18	92.20 69.89 65.84
50947 1 EACH	Platt Luggage 1425 1 Year	Light-duty case with cubed foam fill. 18"L x 13"W x 7"D	99.40 6 2.73	99.40 75.35 70.98

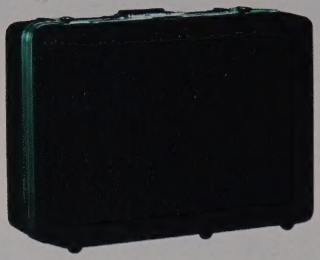
Foam-Filled Medium-Duty ABS Cases



Medium Duty, black, scuff resistant molded ABS thermoplastic forms the shell of these tough cases. Extruded aluminum frame, deluxe golf-grip handle, cast chrome key locks, piano hinge. The interior is filled with 3 piece polyester foam. The bottom foam is precut into removable cubes. The lid is filled with egg crate type foam.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Dimensions (L x W x D, Inches)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
13188 1 EACH	Platt Luggage 2007 1 Year	Medium Duty Case with cubed foam fill. 20"L x 14"W x 7"D	126.70 9.4 4.27	126.70 96.04 90.47
73542 1 EACH	Platt Luggage 2207 1 Year	Medium Duty Case with cubed foam fill. 22"L x 16"W x 7"D	149.90 10.1 4.59	149.90 113.63 107.03
62912 1 EACH	Platt Luggage 2407 1 Year	Medium Duty Case with cubed foam fill. 24"L x 18"W x 7"D	166.90 14 6.36	166.90 126.51 119.17
73545 1 EACH	Platt Luggage 2807 1 Year	Medium Duty Case with cubed foam fill. 28"L x 20"W x 7"D	211.20 14.5 6.59	211.20 160.09 150.80

Foam-Filled Heavy Duty Case



Deluxe Polyethylene shell is scratch resistant. Heavy duty annodized aluminum rim with sealing gasket, golf grip handle, cast chrome key locks and full length piano hinge. Three piece foam interior with bottom pre-cut cubed foam. Top foam is egg crate design.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Dimensions (L x W x D, Inches)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
73558 1 EACH	Platt Luggage 181307 1 Year	Heavy duty case with cubed foam fill. 28"L x 20"W x 7"D	143.70 9.5 4.32	143.70 108.93 102.61
24519 1 EACH	Platt Luggage 221609 1 Year	Heavy duty case with cubed foam fill. 21.75"L x 15.5"W x 9"H	190.10 13.59 6.18	190.10 144.10 135.74
73630 1 EACH	Platt Luggage 282009 1 Year	Heavy duty case with cubed foam fill. 27.5"L x 19.5"W x 9"D	253.40 20.25 9.2	253.40 192.08 180.93

Waterproof Equipment Cases

Watertight and airtight to 30' for the ultimate in protection. Constructed of lightweight space age structural resin with a neoprene o-ring seal and exclusive purge valve. Supplied complete with pre-scored pick 'n pluck foam or padded dividers. Also includes locking flanges, massive multiple latches for absolute security and a comfortable molded grip handle.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Dimensions (L x W x D, Inches)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
43973 1 EACH	Pelican Products 1400 Lifetime	Heavy duty case, Orange 3 Pc. Replacement Foam Inner dimensions: 12-1/4"Lx9-1/4"Wx 5-1/4"D ATA approved. 13 x 12 x 6	137.00 1.33 0.6	72.78 70.63 68.49
95580 1 EACH	Pelican Products 1400 Lifetime	Heavy duty case, Black. 3 Pc. Replacement Foam Inside Dims: 12-1/4"Lx9-1/4"Wx 5-1/4"D. ATA approved. 13 x 12 x 6	137.00 5.5 2.5	72.78 70.63 68.49
22342 1 EACH	Pelican Products 1450 Lifetime	Heavy duty case, Black. 3 Pc. Replacement Foam Inside DIM's: 15"Lx10-1/2"Wx6"D ATA Approved. 16"Lx13"Wx7"D	177.05 7.5 3.41	94.05 91.28 88.51
60735 1 EACH	Pelican Products 1500 Lifetime	Heavy duty case, Black. 3 Pc Replacement Foam Inside DIMs: 17"Lx11-3/4"x6"D ATA approved. 18.5"Lx15.25"Wx7"D	206.50 8.5 3.86	109.70 106.47 103.24
29800 1 EACH	Pelican Products 1550 BLACK Lifetime	Heavy duty case, Orange Pick N' Pluck Foam Inside, DIMs: 19"Lx14"Wx7-3/4"D,ATA approved. 20.5 x 16.75 x 8.5	258.20 12.84 5.84	137.16 133.12 129.09
69152 1 EACH	Pelican Products 1550 ORANGE Lifetime	Heavy duty case, Orange Pick N' Pluck Foam Inside DIMs: 19"Lx14"Wx7-3/4"D ATA approved. 20.5 x 16.75 x 8.5	258.20 14 6.36	137.16 133.12 129.09
84312 1 EACH	Pelican Products 1600 Lifetime	Heavy duty case, Black. Pick N' Pluck Foam Inside 22"x17"x8" ATA approved. 23.25Lx20.75"Wx9"	305.70 17 7.73	162.39 157.61 152.83
NEW 458314 1 EACH	Pelican Products 1610 Lifetime	Heavy duty case, Black. Pick N' Pluck Foam Inside 22-3/16"Lx17-1/8"Wx10-9/16" DATA approved. 24-9/16"L x 19-5/16"W x 11-15/16"D Outside Slms	392.20 30 13.64	208.35 202.22 196.08
15389 1 EACH	Pelican Products 1650 Lifetime	Heavy duty case with Transport Wheels. Black 4 Pc. Replacement Foam inside DIM's: 28"Lx18"Wx10-1/2"D ATA approved. 29.3 x 21.8 x 11.5	447.85 30 13.64	237.93 230.92 223.91

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Heavy Duty Case w/Wheels and Handle

Indestructo case is made of a high density polyethylene for durability. Cart with 36"telescoping handle is built in. All parts arecast from a high strength 535 aluminum. Ball Bearing two inch wheels built in. Foam filled bottom with 1" thick DIY cube foam, top of case filled with egg crate convoluted foam. Combination locks included. Easy to take on and off any vehicles including service trucks.

art No. / ty/Uom	Manufacturer / Mfg. P/N / Warranty	Description, Dimensions (L x W x D, Inches)	List ($) / Wt. (lbs) / Wgt. (kg.)	T-1($) / T-2($) / T-3($)
92268 / EACH	Chicago Case / 2112CART / 1 Year	Indestructo case with built in cart. Foam filled. Black 21"L x 16.5"Wx 12"H	306.70 / 17 / 7.73	228.47 / 225.40 / 222.33

Heavy Duty Case w/Wheels and Handle

Cases feature tough impact resistant HMW polyethylene exterior shell, heavy duty aluminum rim wth black trim and gasket, golf grip handle, cast chrome key locks, telescoping handle, and wheels. The three piece interior foam is pre-cut into cubes which can be removed to create a perfect fit for any test instrument.

art No. / ty/Uom	Manufacturer / Mfg. P/N / Warranty	Description, Dimensions (L x W x D, Inches)	List ($) / Wt. (lbs) / Wgt. (kg.)	T-1($) / T-2($) / T-3($)
94186 / EACH	Platt Luggage / 221609H / 1 Year	Heavy Duty polyethylene case w/telescoping handle and wheels 22.5"L x 15.25"W x 9"D	278.60 / 16.5 / 7.5	278.60 / 211.18 / 198.92
98982 / EACH	Platt Luggage / 28201 1AH / 1 Year	Heavy Duty polyethylene case w/telescoping handle and wheels 27.5"L x 19.5"W x 11"D	385.20 / 16 / 7.27	385.20 / 291.99 / 275.04

.H. Ellis Tool Cases without Tools

C.H.ELLIS Black polyethylene tool case; positive action lid stays, piano hinge, rugged valance, padded handle, draw bolt locks, molded-in feet. Holds 12" pallet

art No. / ty/Uom	Manufacturer / Mfg. P/N / Warranty	Description, Dimensions (L x W x D, Inches)	List ($) / Wt. (lbs) / Wgt. (kg.)	T-1($) / T-2($) / T-3($)
NEW / 80322 / EACH	C.H.Ellis / 85-6963 / Lifetime	C.H.ELLIS Black HDPE polyethylene tool case. Holds 12" pallet 17-3/4" x 12-3/4" x 4-3/4"	147.00 / 9 / 4.09	133.63 / 116.87 / 107.31

ATA Transport Cases [570-40]

Heavy-Duty ATA Cases w/Recessed Hdwr

410324

C.H. Ellis ATA foam-filled cases are rotationally molded out of polyethylene with sealed double tongue and groove gasketed closure to make them airtight and watertight. All external hardware is recessed. Top and bottom ribbing adds strength and allows for stacking. They are all foam-filled with directions for field customization. Meets Mil-Std 108.USA

Part No. / Qty/Uom	Manufacturer / Mfg. P/N / Warranty	Description / Dimensions (LHW) / Color	List ($) / Wt. (lbs) / Wgt. (kg.)	T-1($) / T-2($) / T-3($)
NEW / 410324 / 1 EACH	C.H.Ellis / 27-5994 / Lifetime	C.H. Ellis Rotationally Molded ATA Case, Foam-Filled 36"L x 20"W x 34"D Blue	399.00 / 25 / 11.36	362.70 / 317.21 / 291.27
NEW / 425331 / 1 EACH	C.H.Ellis / 27-5986 / Lifetime	C.H.ELLIS ATA CAESE foam-filled with 2" foam planks 26 x 17 x 15 Blue	399.00 / 25 / 11.36	362.70 / 317.21 / 291.27
NEW / 428367 / 1 EACH	C.H.Ellis / 05-5770 / Lifetime	CHEllis Polytrans ATA Transport Case 20x20x18 i.d. Gray	295.00 / 22 / 10	268.16 / 234.53 / 217.50
NEW / 439372 / 1 EACH	C.H.Ellis / 27-5982 / Lifetime	C.H. Ellis Mil-Rated Shipping Case, Foam-Filled 27"L x 20"W x 30"D Royal Blue	399.00 / 25 / 11.36	362.70 / 317.21 / 291.27
NEW / 475354 / 1 EACH	C.H.Ellis / 27-5988 / Lifetime	C.H. Ellis Rotationally Molded ATA Case, Foam-Filled 26"L x 24"W x 23"D Blue	567.00 / 46 / 20.91	515.41 / 450.77 / 413.91
NEW / 495362 / 1 EACH	C.H.Ellis / 27-5086 / Lifetime	C.H. Ellis Mil-Rated Shipping Case, Foam-Filled 26 x 23 x 24 Blue	399.00 / 25 / 11.36	362.70 / 317.21 / 291.27

C.H.Ellis ATA Polytrans Shipping Case

424384 426363

Molded out of polyethylene with a T-Beam valance for greater side impact protection. Has a strengthening rib pattern molded into lid and base, wich also serves as stacking interlock feature.

Part No. / Qty/Uom	Manufacturer / Mfg. P/N / Warranty	Description / Dimensions (LHW) / Color	List ($) / Wt. (lbs) / Wgt. (kg.)	T-1($) / T-2($) / T-3($)
NEW / 424384 / 1 EACH	C.H.Ellis / 05-5771 / Lifetime	High-Density polyethlene ATA shipping case. 20x20x20 (id) Gray	250.00 / 14 / 6.36	227.25 / 198.75 / 182.50
NEW / 426363 / 1 EACH	C.H.Ellis / 05-5716 / Lifetime	C.H. Ellis Polytrans ATA Shipping Case 24x24x21 Gray	349.00 / 34 / 15.45	317.25 / 277.46 / 271.25
NEW / 430366 / 1 EACH	C.H.Ellis / 05-5773 / Lifetime	High-Density polyethlene ATA shipping case. 24x24x17 (id) Gray	250.00 / 14 / 6.36	227.25 / 198.75 / 182.50
NEW / 448328 / 1 EACH	C.H.Ellis / 05-5719 / Lifetime	C.H. Ellis ATA300 Shipping Case, Grey. Foam- Lined 18 x 18x 16 i.d. Gray	260.00 / 16 / 7.27	236.34 / 206.70 / 189.80
NEW / 455353 / 1 EACH	C.H.Ellis / 05-6085 / Lifetime	High-Density polyethlene ATA shipping case. 20x20x8 (id) Gray	250.00 / 14 / 6.36	227.25 / 198.75 / 182.50
NEW / 474354 / 1 EACH	C.H.Ellis / 05-5786 / Lifetime	High-Density polyethlene ATA shipping case. 24x24x12 (id) Gray	250.00 / 14 / 6.36	227.25 / 198.75 / 182.50
NEW / 475381 / 1 EACH	C.H.Ellis / 05-5769 / Lifetime	High-Density polyethlene ATA shipping case. 17-3/4" x 14-1/4" Gray	250.00 / 14 / 6.36	227.25 / 198.75 / 182.50

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Tool Bags [570-45]

C.H.Ellis Mechanics Tool Bag

Our Mechanics Tool Bag is useful to throw just a few tools or parts in, when you don't need your complete tool kit. Internally, you have eight pockets to store small items; externally you have three. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 466364 1 EACH	C.H.Ellis 03-7073 Lifetime	12"W x 6"H x 6"D	23.00 1 0.45	20.91 18.29 16.79
NEW 475373 1 EACH	C.H.Ellis 03-7071 Lifetime	C.H. Ellis Mechanics Tool Bag 12"W x 6"H x6"D Black	23.00 1 0.45	20.91 18.29 16.79
NEW 497369 1 EACH	C.H.Ellis 03-7075 Lifetime	C.H. Ellis Mechanics Tool Bag Red 12"W x 6"H x6"D	23.00 1 0.45	20.91 18.29 16.79

KLEIN Tool Organizer

KLEIN Tool Organizer includes 45 interior/exterior pockets. Fits standard 5-gallon bucket. Black Nylon.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 447359 1 EACH	Klein Tools, Inc. 5777 Lifetime	KLEIN Tool Organizer includes 45 interior/exterior pockets.fits standard 5-gallon buckets and is constructed of rugged 600x300 denier polyester. Includes 45 interior (10) & exterior (35) pockets. Water-resistant. USA Black Nylon.	53.65 3 1.36	30.37 27.56 26.82

KLEIN 10-Pocket Leather Tool Pouch

KLEIN 10-Pocket Tool Pouch. Fits belt up to 1-3/4" wide. Made of cowhide leather.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 472371 1 EACH	Klein Tools, Inc. 5190 Lifetime	KLEIN 10-Pocket Cowhide Tool Pouch. The separate compartments hold a variety of tools; riveted throughout, includes ring and tape thong. Slotted to fit belts up to 1-3/4" wide. USA	48.60 1 0.45	27.51 24.96 24.29

DeWalt Ballistic Nylon Tool Bag

The DeWalt Heavy-Duty Ballistic Nylon Tool Bag has 28 large pockets for complete organization of your hand tools. Size: 21"L x 11"W x 11.5"H

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 453399 1 EACH	Dewalt D6100 1 Year	21" Heavy-duty Ballistic nylon Tool Bag; Reinforced bottom and side panel protects all contents; 28 large pockets for complete organization; Heavy-duty handles .	138.05 9 4.09	106.14 98.55 95.79

IDEAL ZipKit Carry Case

IDEAL Large Mouth Bag. Top opens for easy access. Reinforced to hold itself open. Rated for 30-40 lbs. 10 outside pockets. With carrying handles and strap

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
96107 1 EACH	Ideal Industries 35-418 1 Year	IDEAL Large Mouth Bag. Rated for 30-40 lbs. 10 outside pockets.	39.20 2 0.91	35.09 32.62 31.76

Luggage Carts [570-50]

Medium Duty Equipment Cart

55828

Luggage cart for equipment transportation has a weight capacity of 275 lbs. Extended height of 41" and 7" dia. wheels make this cart easy to move even whe loaded. 16ga tubular steel frame collapses to 25" x 17" for storage

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
55828 1 EACH	Platt Luggage CART01 10 yr	275 lb capacity luggage cart.	108.20 11.5 5.23	108.20 82.02 77.26

4 Wheel Heavy Duty Equipment Cart

28151

300 Lb capacity luggage cart with 4 wheels to eliminate the load on the arms. Extended height of 49" w/ 6" dia. wheels. The "step slider" make mo ingup curbs and steps a breeze. 16 x 12" platform. Collapses to 20-1/4".

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
28151 1 EACH	Platt Luggage CART08 10 yr	300 lb capacity 4-wheel luggage cart.	249.30 11.5 5.23	249.30 188.97 178.00

NEW = New Listing. Pricing for reference onl
See TESSCO.com for latest pricing and produc
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Heavy Duty Equipment Cart

92972

Luggage cart for equipment transportation has a weight capacity of 400 lbs. Extended height of 49" and 7" dia. wheels. The "step slider" make movingup curbs and steps a breeze. Collapsed dimensions are 25.5 x 16.5 x 5.75".

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
92972 EACH	Platt Luggage CART07 10 yr	400 lb capacity luggage cart.	195.70 11.5 5.23	195.70 148.35 139.73

Flat-Folding Equipment Carts

74172 74186

Powder coated steel folding equipment cart features the ability to fold to 2.5" flat. Other features include 7.25" shock-absorbing wheels, attached bungees with hooks, and light weight. These carts can handle up to 275 lbs of cargo.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
74172 EACH	Platt Luggage CART13 10 Year	Load Tray: 9.5"L x 19"W Height: 40" Folds to: 25.75"L x 19"W x 2.5"D	216.30 11.5 5.23	216.30 163.96 154.44
74186 EACH	Platt Luggage CART14 10 Year	Load Tray: 16"L x 15.5"W Height: 44" Folds to: 27.75"L x 19"W x 2.5"D	243.10 16 7.27	243.10 184.27 173.58

C.H. Ellis Luggage Cart

483315

C.H.ELLIS combination Folding cart and seat holds 65 lbs as cart and 225 lbs as seat; use as rest for tools or test equipment. Folds quickly for storage

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 483315 EACH	C.H.Ellis 11-7112 1 Year	C.H.Ellis Folding Cart for tools or equipment. 28" x 12-1/2"x4"	39.00 10 4.54	35.46 31.01 28.47

Fiber Optic Strippers [575-05]

MILLER ACS Armored Cable Slitter

Miller Slitter slits & removes corrugated copper, steel or aluminum armor layer on fiber cables. Adjustable from .315" to 1.125" outside diameter.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 434315 EACH	Ripley 37880 Lifetime	MILLER ACS Armored Cable Slitter	149.95 0.62 0.28	143.36 137.21 131.66

MILLER Three Hole Fiber Optic Stripper

Miller Fiber Optic Stripper removes 250 micron buffer down to 125 micron cladding, 900 micron tight buffer to 250 micron; 2-3 mm fiber jackets.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 463374 1 EACH	Ripley 80677 Lifetime	MILLER Three Hole Fiber Optic Stripper	73.75 0.16 0.07	70.51 67.49 64.76

MILLER Fiber Optic Polishing Disc

- High quality hand polishing disc for fiber optic connectors
- "Universal" design fits most 2.5 mm ferrule connectors including: ST, SC and FC connectors
- Inside and outside rims designed for improved hand positioning while performing the polishing operation
- Channeled, raised base allows debris to escape easily and provide for easy polishing action
- High quality, precision machined stainless steel design for long life
- Diameter: 1.94" (49.2mm)
- Weight: 1.5oz (43g)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 415364 1 EACH	Ripley 80688 Lifetime	MILLER Fiber Optic Polishing Disc	74.95 0.1 0.05	71.65 68.57 65.80

MILLER Fiber Optic Crimper

MILLER Fiber Optic Ratcheting Crimper. Includes hex sizes (.128", .151:, .178", and .213") all in one jaw.

- Available in a standard crimp tool or a full cycle crimp tool to assure full connector termination
- Ratchet mechanism prevents early release by operator
- Features four of the most common fiber optic hex sizes in one tool. (.128", .151", .178", .213")
- Precision quality, heat treated, alloy steel jaws are self-bottoming and will not over crimp
- Star wheel premits precise, easy compression adjustment
- Durable, hot-dipped, cushion grip handles
- Length: 9.0"
- Weight: 1lb 9 oz

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 498322 1 EACH	Ripley 34610		66.95 1.56 0.71	64.01 61.26 58.79

MILLER 250 Micron Fiber Optic Stripper

MILLER Fiber Optic Stripper removes 250 micron buffer down to 125 micron cladding. Precision design, factory preset requiring no adjustment. USA

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 430335 1 EACH	Ripley 80676 Lifetime	Fiber Optic Stripper removes 250um buffer to 125um cladding; 2-3 mm fiber jackets.	46.45 0.16 0.07	44.41 42.51 40.79

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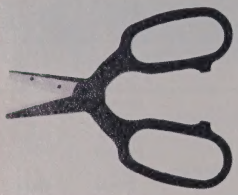
Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 440309 1 EACH	Ripley 80355 Lifetime	MILLER Fiber Optic Stripper removes 250 micron buffer.	41.70 0.16 0.07	39.87 38.16 36.62

Kevlar Cutters [575-15]

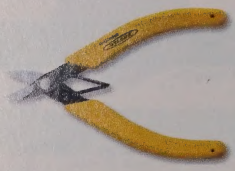
XCELITE Fiber Optic Kevlar Cutter



XCELITE Fiber Optic Kevlar Cutter cuts Kevlar "silks" in fiber optic cable. Features precision ceramic blades in a high-density plastic frame. Convenient large grips.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 482326 1 EACH	Xcelite DCC102V Lifetime	This specially designed for Kevlar "silks" in fiber optic cable, this cutter features precision ceramic blades in a high-density plastic frame. Convenient large grips & finger notches for stable cutting.	53.00 0.6 0.27	44.15 40.76 37.85

MILLER Kevlar Cutter



MILLER Kevlar Cutter is designed to cut aramid fibers in fiber optic cables. Serrated blades. Smooth cutting action. Return spring and ergonomic handles.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 493322 1 EACH	Ripley 36495 Lifetime	MILLER Kevlar Cutter with serrated blades. 5" OAL	26.70 0.16 0.07	25.53 24.44 23.45

Consumables Kits [575-35]

Fiber Optic Consumable Kits

The consumable kits contain the highest quality lapping film available (.3, 3 & 12 micron) and also include polyester wipes, alcohol pads, and music wire. Available in singlemode and multimode versions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 499342 1 EACH	Leviton Voice & Data 49800-CON 1 Year	Universal Fiber Optic Polishing Kit	159.30 2 0.91	88.58 84.91 81.73

Fiber Optic Installer Kits [575-65]

Fiber Optic Tool Kit

Universally (singlemode/Multimode) compatible and designed with the help of field technicians- Levitons Universal Fiber Optic Took Kit is designed for use with any Thread-Lock connector: SC, ST or FC. It comes in it's own compact lightweight case, complete with an inspection scope, buffer remover, polishing pad, safety glasses, scissors, jacket stripper, polishing fixture and music wire, and scribe tool.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
416041 1 EACH	Leviton Voice & Data 49800-UTK 90 days	Leviton Universal Fiber Optic Took Kit (Singlemode/ Multimode) Thread-Lock connector: SC, ST or FC; inspection scope, buffer remover, polishing pad, safety glasses, scissors, jacket stripper, polishing fixture, music wire, scribe tool & case.	994.25 5 2.27	552.81 529.94 510.05

Crimpers, Coaxial [580-10]

If you are buying these, you might need:

Connectors and Adapters for Braided Coax . . . . . page 428
Lugs, Clamps and Accessories . . . . . page 566
Antenna Testers, SWR Meters . . . . . page 1419
LAN/Cable Qualification Testers. . . . . page 1448
Heat Shrink Tubing. . . . . page 1736
Heat Shrink Guns . . . . . page 1738
Cable Ties . . . . . page 1745

Paladin CrimpAll Series Crimpers

The new 8000 series CrimpALL crimp tools have four important ergonomic features that improve users satisfaction and job comfort. Paladin standard die sets fit into the CrimpALL. Soft embedded-rubber handles make this crimp tool extremely comfortable to use.

- Ergonomic design
- Comfortable rubber-embedded handles
- Less hand force needed to crimp connectors
- Long-lasting tool that delivers over 50,000 cycles
- Ultra-smooth, fully-ratcheting cycle with built-in safety release
- Rugged, double-plated jaw assembly
- EZI-Change die screws make changing dies quick and easy and fixed die screws for tight spaces
- Ten-year warranty

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description,	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
452118 1 EACH	Paladin 8000 10yr	8000 series CrimpALL, frame only	43.40 1.3 0.59	38.86 36.12 35.17

Super Crimp Tool

Wireless Solutions Hex Crimp Tool is a fine blanked, high carbon steel tool construction. Features ergonomic molded finger & palm grips. Easy reach frame helps minimize hand fatigue. Positive ratcheting assembly with emergency release is standard. Tool life is conservatively rated at 20,000+ cycles. USA

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description,	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
55531 1 EACH	Sargent Tools 4169CT 1 yr	Cavities: .068, .080 .100 hex, and RG8 ferule to .429 hex.	87.50 1.38 0.63	67.82 65.02 62.13
78056 1 EACH	Sargent Tools 4166CT 1 yr	Cavities: .042sq, .068, .213, .255 for crimping BNC, TNC, and 3pc Mini-UHF connectors on RG58, 59, and 450 style cables.	105.00 1.18 0.54	81.38 78.02 74.55

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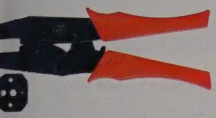
tinuing product table (2 of 2)

rt No. y/Uom	Manufacturer Mfg. P/N Warranty	Description,	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
2609 EACH	TESSCO Tools SP-1375 1 yr	CAVITIES-SQ:.052, HEX:.068,.100,.178, .213,.255. CABLES- 56,58,59,62,140,142,178,179,223,303,400,8281,Proflex- CONNECTORS- BNC,TNC,UHF,N,mini UHF.	112.00 1.38 0.63	86.80 83.22 79.52
0540 EACH	Sargent Tools 4100-66 1 yr	Replacement Die Set. CAVITIES-SQUARE: .042 for Mini-UHF pins. HEX: .068, .213, .255	24.00 0.3 0.14	18.60 17.84 17.04
5913 EACH	Sargent Tools 4156CCT 1 yr	TESSCO Crimp Tool. CAVITIES- SQ: .042, HEX: .068,.10,.178, .213,.255. CABLE- 55,58,59,62, 140,142,174,178,179,203,223,303,8279, 8281, Proflex. CONNECTORS- BNC,TNC,N,UHF, mini UHF. USA	105.00 2 0.91	81.38 78.02 74.55

aladin 1300 Series Crimpers



The 1300 series, interchangeable-die crimp tool is the answer for precision crimping at an affordable price. These tools crimp the most popular coaxial connectors.

urable tool with triple wide ratchet
sy to use and maintain
lly-ratcheting cycle with built-in safety release

- EZI-Change die screws make changing dies quick and easy
- Ergonomically-designed handles for effortless operation

rt No. y/Uom	Manufacturer Mfg. P/N Warranty	Description,	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Paladin	4.5"H x 8"W x 12.2"D, ABS Plastic, Black	27.25	24.53
1394	901013		1	21.81
EACH	1yr		0.45	21.78
2115 EACH	Paladin 1317 5 yr	Crimper with die, Cavitites-HEX .256",.213",.068" for RG58,RG59,RG62,3 piece BNC/TNC	49.95 1.3 0.59	44.76 41.61 40.51
5183 EACH	Paladin 1366 5yr	Crimper with Die, Cavities .255"/.197"/.178"/.068" HEX & .042"sq, cable type RG174, RG59/62, mini-coaxial	49.95 1 0.45	44.76 41.61 40.51
NEW 9327 EACH	Paladin 2653 Lifetime	Die only- Hex .213", .197", .178", .128", .068" and .042 square	22.30 0.14 0.06	19.98 18.57 18.08
NEW 3324 EACH	Paladin 2656 Lifetime	Die only- Hex .429", .100", .080"	22.30 0.1 0.05	19.98 18.57 18.08

conomy Crimp Tools

Deluxe hex crimp tool for attaching "F" connectors on RG59 and RG6 cables.

rt No. /Uom	Manufacturer Mfg. P/N Warranty	Description,	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
5570 EACH	Sargent Tools 6566CT 1 yr	CAVITIES- SQ .042, HEX:.068, .213, .255CABLE TYPES- 55,58, 59,62,140,141,142, 201,223,303,8279. CONNECTORS- BNC,TNC	50.00 1.05 0.48	38.75 37.15 35.50
2356 EACH	Sargent Tools 6569CT 1 yr	CAVITIES- SQ: HEX: .068,.080,.10, .429. CABLE TYPES- 8,9,11,87A,149,165,213,214,216,225,393. CONNECTORS- N,BNC,TNC,UHF	50.00 1.18 0.54	38.75 37.15 35.50

aladin 1600 Series Crimper

Professional-quality crimping tools for coaxial cable connectors and pins.

eferred by many broadcast engineers
rcision-calibrated crimp profiles
est-quality tool steel
gonomically-shaped handles for comfort and performance

- Small grip distance
- Interchangeable die system
- Lifetime warranty

rt No. /Uom	Manufacturer Mfg. P/N Warranty	Description,	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
7176 EACH	Paladin 1617 1 yr	CAVITIES: .068,.213,.255 for BNC/TNC on RG58, 59 three piece connectors.	103.00 1.01 0.46	92.28 85.80 83.53

2100 Series Crimper

Constructed with fine blanked high carbon steel. Molded finger and palm grips and the easy reach frame minimize user fatigue. Cyclic life is conseratively rated at 50000 crimps.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description,	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
59143 1 EACH	Sargent Tools 2154CT 1 yr	CAVITITES- .042sq, .068Hex, .190 and .213 for RG58 BNC,TNC and 3pc mini UHF connectors.Yellow grips.	87.50 1.05 0.48	67.82 65.02 62.13
87240 1 EACH	Sargent Tools 2151CCT 1 yr	CAVITITES- HEX:.068,.213,.255. CABLES 55,58,59,62,140,141,142,210,223,303,400,8279. CONNECTORS-BNC,TNC. Yellow grips.	87.50 1.05 0.48	67.82 65.02 62.13

CAMBRIDGE Prestige Crimper

Cambridge universal crimp tool includes 5 die cavities to crimp BNC,TNC,N,UHF and Mini UHF Cambridge connectors on RG58,141,142,223,303,400,59,62,140 and Belden 8279,8281,9141 as well as RG6.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description,	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
17600 1 EACH	Cambridge 24-8860P 1 yr	3 Cavity tool , Dies: .060, .210, .255 hex. For 3 pc. crimp conn for RG58, 59, 62, RG59 TFE, 141, 142, 223, 303, 400, 8X, 140, 210 & 450 cables. Ratcheting.	59.95 1.05 0.48	43.17 41.97 40.41
60313 1 EACH	Cambridge 24-9960P 1 yr	CAVITITES- HEX:.068 (16-22ga), .110 (10-13ga), .213 Hex (RG55, 58, 141,142, 223, 303, 400, RG59 TFE) .255 Hex (RG59, 62, 140, 210, Belden 8279), .324 Hex (RG6, 143, 212, 222, Belden 8281, 9231, 9141) CONNECTORS: BNC,TNC, N, UHF, Mini UHF	65.70 1.35 0.61	47.30 45.99 44.28

Crimp Tool for RG8, 9913, Ultraflex

Single crimp tool that can handle all types of RG8 cables, including 9913, 9914, Ultraflex and Andrew's RG8 type braided cable.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description,	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
78884 1 EACH	RF Industries RFA-4005-300 1 yr	Die Set RFA-4005-02 CAVITIES-HEX" .100, .128, .429.	58.15 1.25 0.57	52.88 52.30 51.43

ProFlex Crimper for BNC, TNC, Mini-U

Cambridge standard crimp tool for RG-59, RG 58, RG-62, RG- 141, RG-450, ProFlex, or RG-8X cables. Cavities work on 3-piece BNC,TNC, and Mini-UHF connectors. Replaceable dies.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description,	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
43107 1 EACH	Cambridge 24-9959P 5 yrs	CAVITITES- HEX:.060,.255. Connectors: BNC, TNC, Mini UHF.	50.70 1.05 0.48	36.49 35.47 34.16
NEW 431302 1 EACH	Cambridge 99-9959 1 Year	CAVITITES- HEX:.060,.255. Connectors: BNC, TNC, Mini UHF.	16.00 0.25 0.11	11.52 11.20 10.79
NEW 449311 1 EACH	Cambridge 24-9959P 5 Yrs	CAMBRIDGE REPLACEMENT DIE FOR 24-9959; Cavaties: .255 & .060	50.70 1.05 0.48	36.49 35.47 34.16
485147 1 EACH	Cambridge 24-9958P 5 yrs	CAVITITES- HEX:.060,.213. Connectors: BNC, TNC, Mini UHF.	50.25 1.05 0.48	36.17 35.17 33.86

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Tools

3100 Series Crimper

Economical, cost efficient tools. Full cycle ratchet assures precise repeatable crimps. Ergonomically designed t and efficiency. The tools are conservatively rated for 25,000 crimps. The ratchet release mechanism is easily accesible.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description,	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
60812 1 EACH	Sargent Tools 3150 CCT 1 yr	Crimps RG6 connectors to a .384 hex. Crimps RG59 connectors to a .324 or a .262 hex.	64.00 1.17 0.53	49.60 47.56 45.44
99205 1 EACH	Sargent Tools 3151 CCT 1 yr	CAVITIES- HEX: .068,.213,.255. CABLE TYPES- 55,58,59,62,140,141,142,210,223,303,400,8279. CONNECTORS-BNC,TNC	80.00 1.18 0.54	62.00 59.44 56.80
24451 1 EACH	Sargent Tools 3162CT 1 yr	Crimps RG11 connectors to a .470 hex and RG59/RG6 universally ribbed connectors to a .360 hex.	61.50 2 0.91	47.67 45.70 43.67
24455 1 EACH	Sargent Tools 3155CT 1 yr	Crimps RG11 connectors to a .475 hex, RG59/RG6 universally ribbed connectors to a .360 hex and center pins to a .100 hex.	61.50 2 0.91	47.67 45.70 43.67
24481 1 EACH	Sargent Tools 3164CT 1 yr	Crimps RG11 connectors to a .484 round.	74.50 2 0.91	57.74 55.36 52.90

F-59 and F-56 Crimping Tool

Deluxe hex crimp tool for attaching "F" connectors on RG59 and RG6 cables.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description,	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
67574 1 EACH	Cambridge 24-7710P 1 yr	Cavities- .325 for RG59 cable. .215 for RG6 cable. Includes 10 F59ALM connectors w/1/2" gripped ring.	38.65 1.18 0.54	36.05 35.12 34.66
95686 1 EACH	Sargent Tools 4172 1 yr	Cavities- .324 for RG59 cable. .360 hex for RG6 ferrule.	87.50 2 0.91	67.82 65.02 62.13

CABLEMATIC Crimp Tools

For ensuring a full cycle, full conector termination; ratchet-type mechanism prevents early release.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description,	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 443350 1 EACH	Ripley 34300 Lifetime	CABLEMATIC .360 Crimp Tool	43.40 1.56 0.71	41.49 39.72 38.11
NEW 459361 1 EACH	Ripley 33335 Lifetime	CABLEMATIC .360 & .324 HEX Crimp Tool	43.40 1.56 0.71	41.49 39.72 38.11
NEW 470364 1 EACH	Ripley 33315 Lifetime	CABLEMATIC .475 & .096 HEX Crimp Tool	53.40 1.56 0.71	51.05 48.87 46.89

Crimp Tool For LMR Connectors

Piston-style crimper for Times Microwave LMR-Series cables. Different cavities fit the same crimper body to crimp different size connectors. Piston-type crimper offers considerably more compression when installing larger ferrules.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description,	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
68254 1 EACH	Times Microwave CT-400/300 5 yrs	Tool for use with LMR300 and 400 cables and crimp style connectors. Dies are not replaceable.	125.00 1.75 0.8	91.25 87.50 86.25
68256 1 EACH	Times Microwave CT-240/200/100 5 yrs	Tool for use with LMR240, 200 195 and 100 cables and crimp style connectors. Dies are not replaceable.	125.00 1.45 0.66	91.25 87.50 86.25

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description,	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
21271 1 EACH	Times Microwave HX4 W/DIES 5 yrs	HX4 Crimp tool for crimping connectors on LMR400 and LMR600cables. Includes both dies. Other dies available.	520.00 2 0.91	379.60 364.00 358.80
38638 1 EACH	Times Microwave Y375 (.255 DIE) 5 yrs	Replacement die set for HX-4 crimper for TC-240 series connectors.	135.00 2 0.91	98.55 94.50 93.15
80506 1 EACH	Times Microwave Y1719 (.429 DIES) 5 yrs	Replacement die set for HX-4 crimper for LMR-400 cable.	135.00 2 0.91	98.55 94.50 93.15
28899 1 EACH	Times Microwave Y1720(.610 DIE) 5 yrs	Replacement die set for HX-4 crimper for LMR-600 cable.	135.00 2 0.91	98.55 94.50 93.15
10813 1 EACH	Times Microwave HX4 HANDLE ONLY 5 yrs	Handle only.	250.00 2 0.91	182.50 175.00 172.50
448167 1 EACH	RF Industries RFA-4009-20 5 yrs	RF Industries crimp tool frame only. Ratcheting. Order die sets separately. For LMR-600 connectors	178.50 2 0.91	162.44 160.65 157.98
NEW 466173 1 EACH	RF Industries RFA-4009-02 5 yrs	Die set for RFA-4009-20 crimper for Times Microwave LMR-400 cable.	63.50 0.2 0.09	57.79 57.15 56.20
427158 1 EACH	RF Industries RFA-4009-01 5 yrs	Die set for RFA-4009-20 crimper for Times Microwave LMR-600 cable.	63.50 0.2 0.09	57.79 57.15 56.20
416133 1 EACH	RF Industries RFA-4009 5 yrs	RF Industries crimp tool for crimping connectors on Times Microwave LMR400 and LMR600 cables. Includes both dies. Other dies available.	330.00 2 0.91	300.30 297.00 292.05

CABLEMATIC Locking Terminator Tool

CABLEMATIC Installs and removes locking terminato (Gilbert-GBT, PPC-LFT, PCT-TPG and Viewsonics-TR75GTL). Tip design keeps out debris. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description,	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 460356 1 EACH	Ripley 36855 Lifetime	CABLEMATIC Locking Terminator Tool	15.20 0.26 0.12	14.54 13.91 13.35

CABLEMATIC Compression Tools

CABLEMATIC Compression tool gives you a clear vie of the connector assembly compression. Spring-loade handle

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description,	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 465368 1 EACH	Ripley 37720 Lifetime	CABLEMATIC Compression tool. Two sets of jaws, one set for 59 & 6 connectors, one for 7 & 11 connectors.	98.60 1.1 0.5	94.27 90.22 86.58
NEW 470310 1 EACH	Ripley 36173 Lifetime	CABLEMATIC Compression Tool for 6 & 59 Cable series. Factory preset and calibrated to assemble EX connectors. Black color coded Plunger Tip.	79.85 1 0.45	76.34 73.07 70.11
NEW 481328 1 EACH	Ripley 36175-1 Lifetime	CABLEMATIC Universal RG6 & RG59 Tool	79.85 1 0.45	76.34 73.07 70.11
NEW 483316 1 EACH	Ripley 36420 Lifetime	CABLEMATIC 7&11-EX/SNS/US	87.60 1.1 0.5	83.75 80.16 76.92

TESSCO TECHNOLOGIES®

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REST OF WORLD +1 410-229-1200
FAX 410-527-0005
WWW.TESSCO.COM

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Universal Wireless Kit

Crimp tool kit includes: crimp tool, 3 step wire stripper, dies to crimp 6 & 8 pin modular connectors, 14-22 ga terminal lugs, dies to crimp most RF connectors. All components are conveniently arranged in a durable plastic storage case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description,	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37652 EACH	Sargent Tools SP-1565 1 yr	Dies incl: 2-4-6 pinon 6-8 pos modular, 14-16 and 18-22 insulated terminal, .068, .213, .255 hex, .042sq .068, .100, .128, .178 hex for most wireless applications.	300.00 5 2.27	232.50 222.90 213.00

Crimp Tool Kit

Complete cable prep and crimping system. Allows you to terminate most coaxial connectors for RG 174, 58, 59, 8281, RG8, and fiber optic cables. Ergonomically designed tool will last over 50,0000 crimp cycles. Handy chart inside lid indicates which of the4 interchangeable dies is correct for the particular cable.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description,	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
11726 EACH	Sargent Tools TK4150 1 yr	CAVITIES-SQ:.042, HEX:.068,.080,.100, .128,.151,.178,.213,.255,.324,.429 for almost any RG seriescable. Great for BNC, TNC, Mini UHF, UHF,N, F, connectors	230.00 2 0.91	178.25 170.89 163.30

Crimp Tool Kit

Kit includes 2 high carbon heat treated steel cripm handles with 2 die sets. Pressure adjustment compensates for different crimp dies and the various required crimp forces. A Phillips screwdriver is all that is needed to change crimp dies. Optional dies are available for a variety of connector types.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description,	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 12741 EACH	RF Industries RFA-4005-20	Replacement handle for RFA-4005/6 Crimp Dies.	43.50 1.15 0.52	39.56 39.13 38.48
13713 EACH	RF Industries RFA-4006 1 yr	Die Set RFA-4005-01 CAVITIES-SQ: .052. HEX: .068,.100,.213,.255. CABLES:RG58, 59, 8X,141, 142, Proflex & Belden 9258. Die Set RFA-4005-2 CAVITIES-HEX: .100, .128, .429. CABLES: RG8, RG213, RG214, Belden 9913 and Belden 9914. Two Tool Frames	148.45 5 2.27	135.09 133.61 131.38

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description,	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
54250 1 EACH	RF Industries RFA-4005 1 yr	Die Set RFA-4005-01 CAVITIES-SQ: .052. HEX: .068,.100,.213,.255. CABLES:RG58, 59, 8X,141, 142, Proflex & Belden 9258. Die Set RFA-4005-2 CAVITIES-HEX: .100, .128, .429. CABLES: RG8, RG213, RG214, Belden 9913 and Belden 9914. One Tool Frame	106.55 2.88 1.31	96.93 95.86 94.27
44820 1 EACH	RF Industries RFA-4005-01	Replacement die set. Cavities: .052 .068 .100 .213 .255 For use with RFA4005 tool.	24.40 0.16 0.07	22.20 21.96 21.59
58038 1 EACH	RF Industries RFA-4005-02 1 yr	Replacement die set. Cavities: .100, .128, .429 For use with RG8, 8A, 9, 9A,9B, 213, 214, 9913, 9914, Ultralink base cables.	24.40 0.25 0.11	22.20 21.96 21.59
83213 1 EACH	RF Industries RFA-4005-04	Replacemnt Die set. Cavities: .068 .239 .319 for use with RFA4005 tool.	24.40 0.25 0.11	22.20 21.96 21.59
58034 1 EACH	RF Industries RFA-4005-08 1 yr	Replacement die set.Cavities: .042, .068, .255, .315	24.40 1 0.45	22.20 21.96 21.59
96427 1 EACH	RF Industries RFA-4005-09	Replacement die set.Cavities: .068 .130 .178 for use with RFA4005tool	24.40 0.25 0.11	22.20 21.96 21.59
69999 1 EACH	RF Industries RFA-4005-10	Replacement die set. Cavities: .080 .100 .429 for use with RFA4005 tool.	24.40 1 0.45	22.20 21.96 21.59

Cellular Crimper Kit with Stripper

Complete stripper and crimper kit for cellular connectors. Includes a 24-9960P ratchet crimper, a 3 step coax stripper, and 10 each male TNC and Mini-UHF connectors for RG58 and Proflex cables. Includes a hard plastic carry case.

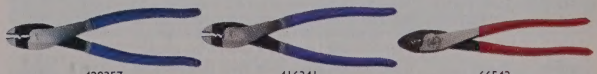
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description,	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
55787 1 EACH	Cambridge 24-TESSCO 2 yrs	TESSCO cellular kit Die Cavities: .068 .110 .213 .255 .324 in complete crimper and stripper kit.	100.00 6 2.73	93.30 90.90 89.70

Crimpers, Terminal Lug [580-11]

If you are buying these, you may need:

Lugs, Clamps and Accessories . . . . . page 566
Ring Terminals . . . . . page 1726
Spade/Fork Terminals . . . . . page 1728
Automotive Hookup Wire . . . . . page 1762

Terminal Crimping Pliers



428357 416341 66543

79630

Hand tools designed for crimping solderless terminals in the 10 to 22 AWG range. Specially hardened wire cutter in nose. Tapered nose for working in confined spaces.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 428357 1 EACH	Wireless Solutions 5033 Lifetime	Crimping Pliers 10-22AWG w/wire cutter for insulated & non-insuled solderless terminals & connectors. Blue/ Grey Cushion Grip.	21.40 0.86 0.39	18.23 16.59 15.55

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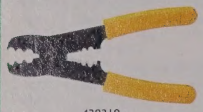
Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 416341 1 EACH	Wireless Solutions 5032 Lifetime	Crimping Pliers 10-22AWG w/wire cutter. Thin nose. Crimp die marked for insulated & non-insuled solderless terminals & connectors. Blue/Grey Cushion Grip. 9" O.A.L. USA.	21.40 0.83 0.38	18.23 16.59 15.55
66543 1 EACH	Klein Tools, Inc. 1005 Lifetime	For insulated and non-insulated 10-22 AWG terminals. Red plastic dipped handles. Length: 9 3/4" (248 mm)	36.65 1 0.45	20.75 18.83 18.32
79630 1 EACH	Klein Tools, Inc. 1006 Lifetime	For NON-INSULATED 10-22 AWG terminals. One black, one red plastic dipped handle. Length: 9 3/4" (248mm)	37.85 1 0.45	21.42 19.44 18.92

IDEAL Coax Strip & Crimp



438318

IDEAL Coax Strip & Crimp strips RG-59 and RG-6 coax cable; 3 crimp nests for F-connectors & ring terminals; comfort-grip handles

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 438318 1 EACH	Ideal Industries 30-433 90 Days	IDEAL Coax Strip & Crimp strips & crimps RG-59 and RG-6 coax cable;	32.00 0.01 0	28.64 26.63 25.92

Paladin Crimper

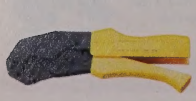
45758

421146

Paladin crimpers have been known as premium products. Die sets arenot interchangeable or replaceable.

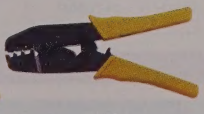
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
45758 1 EACH	Paladin PA1645 1 Year	Crimps open barrel contacts from AWG 30 - 18.	130.00 1.53 0.7	116.48 108.29 105.43
NEW 421146 1 EACH	Paladin 1649 1 Year	Wire Ferrule Crimpers for Stranded wire, AWG 10-6	154.00 1.53 0.7	137.99 128.29 124.90

Heavy Duty Terminal Crimpers



34384

61909



67177

68860

Heavy-Duty Termional full ratcheting terminal crimpers suitable for insulated and uninsulated heavy terminals. Choose the model you need for long barrel power, short barrel power, and ground lugs. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
34384 1 EACH	TESSCO Tools 4140CT/T 1 yr	Heavy duty insulated terminal crimper. Cavities: 16-22 AWG (red), 14-16 AWG (blue), 10-12 AWG (yellow). For ring terminals. Crimps cond. and strain relief portion of insulated terminals & splices in one closure.	105.00 1.18 0.54	81.38 78.02 74.55
61909 1 EACH	Sargent Tools 2127CT 1 Year	D-Sub crimper. Cavities: 26-30 AWG, 18-24 AWG. Yellow grips.	113.75 1.05 0.48	88.16 84.52 80.77
67177 1 EACH	Sargent Tools 6540CT 90 Days	Cavities: 16-22 AWG (red), 14-16 AWG (blue), 10-12 AWG (yellow). For ring terminals. Crimps cond. and strain relief portion of insulated terminals & splices in one closure.	50.00 1.2 0.55	38.75 37.15 35.50
68860 1 EACH	Sargent Tools SP1977 1yr	Heavy 8-2ga lug crimper.	114.00 1.5 0.68	88.35 84.71 80.94

3100 Series Sargent Crimper

22419

Longevity of operation is assured with this time tested design. The simple troublefree full cycle mechanism assures consister terminations. All crimp cavitites are fully machined from high carbon stock, heat treated and buffed.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
22419 1 EACH	Sargent Tools 3120 CT 1 yr	Cavitites: 16-22 AWG (red), 14-16 AWG (blue) 10-12 AWG (yellow) for ring terminals. Crimps conductor portion of insulated terminals.	65.00 0.94 0.43	50.38 48.30 46.15

IDEAL Terminal Crimp Tool

491341

IDEAL Ratchet Crimper crimps insulated or bare terminals an splices on #10 to #22 AWG wire. Ratchet action. Vinyl coated comfort-grips.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 491341 1 EACH	Ideal Industries 83-001 Lifetime	IDEAL Ratchet Crimper for #10 to #22 AWG wire.	131.50 0.01 0	117.82 109.54 106.64

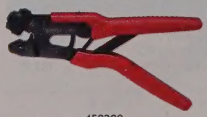
Burndy Lug Tools.

60082

Hand-held full cycle ratchet crimper for #8-22 AWG lugs. Full cycle feature removes the human factor from the finished installation. Features comfort grips and molded fi ger grips.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
60082 1 EACH	FCI Electrical/ Burndy Y8MRB-1 5 Years	Lug Crimper with selectable dies for #22-8 AWG lugs.	298.90 2 0.91	239.09 230.13 222.66

Ground Lug Crimp Tool



459299

Burndy Mechanical Full cycle ratchet HYDENT accomodates copper compression connectors for #8-#1 code conductor an #8-#2 Class# 1 flexible strand copper conductors. The color-coded wheel rotates to match up with the connector and avoids using or not having the correct die to crimp. Ergonom frame and padded handle.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 459299 1 EACH	FCI Electrical/ Burndy Y1MR 1 Year	Crimps #8 - #1 Copper Hydent Terminals and Lugs.	222.00 0.05 0.02	222.00 216.45 210.90

T&B Color-Keyed Ground Lug Crimp Tool

479390

Thomas & Betts Comfort Crimp Compression Tool has a five nested color-coded die wheel to crimp and install Color-Key (tm) copper lugs and splices from #8 to #1, copper C-taps fro #3 to #12, plus aluminium lugs and splices from #10 to #6. Accomodates Red, Blue, Gray, Brown & Green Color-Coded connectors & taps. USA.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 479390 1 EACH	Thomas and Betts TBM21E	Color-Keyed Connector Tool Installs lugs and splices over a wire range of #8 to #2 copper. Also installs up to the green color coded C-taps.	325.85 1.25 0.57	239.48 230.36 227.41

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Battery Operated Crimp Tool.

79016

The BCT500 battery crimp tool. Compact,lightweight design,provides easy one hand operation for ram advance and retract. Features 180 degree rotatable latch head that utilizes all W,W-VT and X style dies. Includes metal case,charger,two batteries and tool.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
79016 EACH	FCI Electrical/ Burndy BCT500 1 Year	Battery operated crimp tool for #8 to 500 kcmil lugs.	3,250.00 8 3.64	2,600.00 2,502.50 2,421.25
75269 EACH	FCI Electrical/ Burndy W3CRT 1 Year	Color code White Die for use with the BCT500 tool. Die Index 9.	187.55 0.15 0.07	150.04 144.41 139.72
23662 EACH	FCI Electrical/ Burndy W3CVT 1 Year	Color code Brown Die for use with the BCT500 tool.	155.40 0.15 0.07	124.30 119.64 115.76
52055 EACH	FCI Electrical/ Burndy W25VT 1 Year	Color code Pink Die for use with the BCT500 tool.	155.40 0.15 0.07	124.30 119.64 115.76
0448 EACH	FCI Electrical/ Burndy W26VT 1 Year	Color code Black Die for use with the BCT500 tool.	155.40 0.15 0.07	124.30 119.64 115.76
8841 EACH	FCI Electrical/ Burndy W27VT 1 Year	Color code Orange Die for use with the BCT500 tool.	155.40 0.15 0.07	124.30 119.64 115.76
7234 EACH	FCI Electrical/ Burndy W28VT 1 Year	Color code Purple Die for use with the BCT500 tool.	155.40 0.15 0.07	124.30 119.64 115.76
5627 EACH	FCI Electrical/ Burndy W29VT 1 Year	Color code Yellow Die or use with the BCT500 tool.	155.40 0.15 0.07	124.30 119.64 115.76

Hydraulic Crimp Tool.

37505

The Y500 "L'il Crimp" is a 6 ton, hand operated hydraulic crimp toolwith a compact & lightweight design that provides easy ram advance and retract operation. Features a 180 degree rotatable latch head design & a die groove to seat W,W-VT & X style dies.Includes durable metal carrying case. ORDER DIES SEPARATELY.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
7505 EACH	FCI Electrical/ Burndy Y500CT 2 Years	Hydraulic crimper for#8-500 kcmil lugs and taps.	1,524.90 12.75 5.79	1,219.92 1,174.17 1,136.05

Hydraulic Crimp Tool.

2230

The Y750 hydraulic tool incorporates a wide mouth,C-shaped infinitely rotable head for all compression applications. The hook style head with rapid advance two stage pump provides for easy tapping, splicing and terminating of ground connectors.*ORDER DIES SEP.

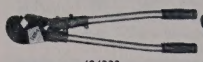
Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
2230 EACH	FCI Electrical/ Burndy Y750 2 Years	Hydraulic crimper for#14-500 kcmil lugs and taps.	3,062.30 30 13.64	2,449.84 2,357.98 2,281.42
0623 EACH	FCI Electrical/ Burndy Y750-2 2 Years	Hydraulic crimper for#14-500 kcmil lugs and taps.INCLUDES RUBBER COVERED BODY FOR HOT APPLICATIONS.	3,283.25 16 7.27	2,626.57 2,528.08 2,446.00
6160 EACH	FCI Electrical/ Burndy U4CRT 2 Years	Color code Gray Die for Use with Y750 tool. Die Index 8.	186.80 0.15 0.07	149.44 143.83 139.16

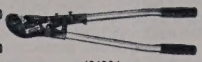
Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
64553 1 EACH	FCI Electrical/ Burndy U3CRT 2 Years	Color code White Die for Use with Y750 tool. Die Index 9.	186.80 1 0.45	149.44 143.83 139.16
89732 1 EACH	FCI Electrical/ Burndy U26RT 2 Years	Color code Black Die for Use with Y750 tool. Die Index 13.	186.80 0.15 0.07	149.44 143.83 139.16
63304 1 EACH	FCI Electrical/ Burndy U997 2 Years	Color code Orange Die for crimping ground rod conn. For use with the Y750 tool.	253.25 0.15 0.07	202.58 194.98 188.65
66812 1 EACH	FCI Electrical/ Burndy U1105 2 Years	Color code Orange Die for crimping ground rod conn. For use with the Y750 tool.	254.20 0.3 0.14	185.24 185.24 185.24

Thomas&Betts Color-Key Compression Tool



494333

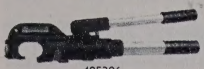


496304

Thomas&Betts Color-Key Connector Tool Installs copper lugs and connectors #8 to 500MCM. Installs code copper compression joints and small "C" taps.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 494333 1 EACH	Thomas and Betts TBM8S 1 Year	Color-Keyed Connector Tool copper lugs and connectors #8 to 500MCM.	1,354.25 22.7 10.32	995.36 957.44 945.25
NEW 496304 1 EACH	Thomas and Betts TBM5S 1 Year	Color-Keyed Connector Tool Installs lugs and splices over a wire range of #8 to 250 KCMIL copper. Also installs up to the yellow color coded C-taps.	790.50 8.35 3.8	580.99 558.86 551.75
NEW 432362 1 EACH	Thomas and Betts 295-31365M 1 year	Steel carrying case for TBM5S Color-Keyed installation tool	185.35 13 5.91	136.21 131.03 129.36

T&B Self-Contained Hydraulic Crimp Tool



485386

THOMAS & BETTS Color-Key Hydraulic Tool installs copper Color-Keyed connectors & splices up to 900MCM, C-taps, grid connectors thru 250MCM. Dies not included

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 485386 1 EACH	Thomas and Betts TBM14M 1 Year	Color-Key Compression Hydraulic Tool. Dies not included	2,708.15 23.95 10.89	1,990.47 1,914.65 1,890.27

T&B Color-Key Compression Hydraulic Tool

475377

495382

TBM14BSCR is a fully automatic, self-contained, high-pressure hydraulic crimping tool that eliminates manual crimping. Control ram advancement with trigger and retract blades with release button for one-handed operation. This crimping tool features 14-ton output, 14.4-V dc motor and 1.5-inch jaw opening. Its application range for lugs and splices is #8 AWG (750 MCM CU) and #10 AWG (750 MCM AL).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 475377 1 EACH	Thomas and Betts TBM14BSCR Lifetime	Color-Key Compression Hydraulic Tool is a 14 Ton battery powered crimp tool installs copper lugs and splices up to 750 KCMIL.	8,004.70 29 13.18	5,883.46 5,659.33 5,587.29
NEW 495382 1 EACH	Thomas and Betts TBM15BSCR	Color-Key Compression Hydraulic Tool is a 15 Ton battery powered crimp tool installs copper lugs and splices up to 1000 KCMIL.	9,734.40 23.75 10.79	7,154.79 6,882.23 6,794.62

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T&B Color-Keyed Dies for Battpac Tool

410322

Precision Color-Keyed(tm) Dies for use with TBM-14BSCR & TBM15BSCR Self-Contained Hydraulic Crimping Tool. Choose the appropiate installing die by matching gauge size conductor, color code or number of lug, splice or tap. Designed specifically for use with Thomas&Betts Color-Key(tm) system only.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 410322 1 EACH	Thomas and Betts 15513-CK	Color-Keyed Dies for Battpac Tool #1 wire - Color-Keyed Die for use with TBM14BSCR, TBM14M and TBM15BSCR tools. 15500TB adaptor required when using die with TBM15BSCR tool	179.80 1 0.45	132.13 127.09 125.48
NEW 413351 1 EACH	Thomas and Betts 15530	Color-Keyed Dies for Battpac Tool 3/0 wire - Color-Keyed Die for use with TBM14BSCR, TBM14M and TBM15BSCR tools. 15500TB adaptor required when using die with TBM15BSCR tool	179.80 1 0.45	132.13 127.09 125.48
NEW 415347 1 EACH	Thomas and Betts 15526	Color-Keyed Dies for Battpac Tool 2/0 wire - Color-Keyed Die for use with TBM14BSCR, TBM14M and TBM15BSCR tools. 15500TB adaptor required when using die with TBM15BSCR tool	189.15 1 0.45	139.02 133.73 132.02
NEW 416338 1 EACH	Thomas and Betts 15508	Color-Keyed Dies for Battpac Tool 1/0 wire - Color-Keyed Die for use with TBM14BSCR, TBM14M and TBM15BSCR tools. 15500TB adaptor required when using die with TBM15BSCR tool	191.80 1 0.45	140.98 135.61 133.88
NEW 420343 1 EACH	Thomas and Betts 15527CK	Color-Keyed Dies for Battpac Tool #4 wire - Color-Keyed Die for use with TBM14BSCR, TBM14M and TBM15BSCR tools. 15500TB adaptor required when using die with TBM15BSCR tool	179.80 1 0.45	132.13 127.09 125.48
NEW 422362 1 EACH	Thomas and Betts 15522	Color-Keyed Dies for Battpac Tool #6 wire - Color-Keyed Die for use with TBM14BSCR, TBM14M and TBM15BSCR tools. 15500TB adaptor required when using die with TBM15BSCR tool	177.95 1 0.45	130.78 125.79 124.19
NEW 423362 1 EACH	Thomas and Betts 15511	Color-Keyed Dies for Battpac Tool 4/0 wire - Color-Keyed Die for use with TBM14BSCR, TBM14M and TBM15BSCR tools. 15500TB adaptor required when using die with TBM15BSCR tool	178.50 1 0.45	131.17 126.18 124.57
NEW 424313 1 EACH	Thomas and Betts 15520	Color-Keyed Dies for Battpac Tool #8 wire - Color-Keyed Die for use with TBM14BSCR, TBM14M and TBM15BSCR tools. 15500TB adaptor required when using die with TBM15BSCR tool	179.80 1 0.45	132.13 127.09 125.48
NEW 424316 1 EACH	Thomas and Betts 15528	Color-Keyed Dies for Battpac Tool #2 wire - Color-Keyed Die for use with TBM14BSCR, TBM14M and TBM15BSCR tools. 15500TB adaptor required when using die with TBM15BSCR tool	175.65 1 0.45	129.09 124.17 122.59
NEW 424320 1 EACH	Thomas and Betts 15514-CK	Color-Keyed Dies for Battpac Tool 350 KCMIL wire - Color-Keyed Die for use with TBM14BSCR, TBM14M and TBM15BSCR tools. 15500TB adaptor required when using die with TBM15BSCR tool	189.15 1 0.45	139.02 133.73 132.02
NEW 436351 1 EACH	Thomas and Betts 15510-CK	Color-Keyed Dies for Battpac Tool 250 KCMIL wire - Color-Keyed Die for use with TBM14BSCR, TBM14M and TBM15BSCR tools. 15500TB adaptor required when using die with TBM15BSCR tool	181.15 1 0.45	133.13 128.06 126.43
NEW 461364 1 EACH	Thomas and Betts 15534	Color-Keyed Dies for Battpac Tool 300 KCMIL wire - Color-Keyed Die for use with TBM14BSCR, TBM14M and TBM15BSCR tools. 15500TB adaptor required when using die with TBM15BSCR tool	169.65 1 0.45	124.68 119.93 118.40
NEW 469368 1 EACH	Thomas and Betts 15505	Color-Keyed Dies for Battpac Tool 750 KCMIL wire - Color-Keyed Die for use with TBM14BSCR, TBM14M and TBM15BSCR tools. 15500TB adaptor required when using die with TBM15BSCR tool	179.80 1 0.45	132.13 127.09 125.48
NEW 477314 1 EACH	Thomas and Betts 15506	Color-Keyed Dies for Battpac Tool 500 KCMIL wire - Color-Keyed Die for use with TBM14BSCR, TBM14M and TBM15BSCR tools. 15500TB adaptor required when using die with TBM15BSCR tool	189.15 1 0.45	139.02 133.73 132.02
NEW 497354 1 EACH	Thomas and Betts 15512	Color-Keyed Dies for Battpac Tool 400 KCMIL wire - Color-Keyed Die for use with TBM14BSCR, TBM14M and TBM15BSCR tools. 15500TB adaptor required when using die with TBM15BSCR tool	178.15 1 0.45	130.92 125.94 124.33
NEW 450351 1 PACK	Thomas and Betts 15500TB	Color-Keyed Dies for Battpac Tool Adaptor allows 15500 series Color-Keyed dies to be used in TBM15BSCR battery powered installation tool	344.80 0.03 0.01	253.43 243.78 240.67

Hand Operated Lug Crimpers

67750

Greenlee K-series hand operated lug crimpers assure proper compression force and complete crimps with butting dies. The uniquehexagonal crimp style offers the advantage of low crimping force, high pulloff strength, and excellent cable compaction. Color codedrotating dies means you have no small parts to lose.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
67750 1 EACH	Greenlee Tools K05-1GL/02624 1yr	8 AWG - 1/0 AWG 15.4" Long, 2.4 lbs Non-ratcheting	167.50 2.8 1.27	167.50 164.15 159.13
16143 1 EACH	Greenlee Tools K05-1SPGL/02625 1yr	8 AWG - 1/0 AWG 15.4" Long, 2.6 lbs Ratcheting mechanismFor Non-Insulated lugs only.	203.00 2.9 1.32	203.00 198.94 192.85
54536 1 EACH	Greenlee Tools K09-2GL/02628 1yr	8 AWG - 4/0 AWG 25.5" long, 6.4 lbs Non-Ratcheting	221.50 6.5 2.95	221.50 217.07 210.43
92929 1 EACH	Greenlee Tools K09-2SPGL/02629 1yr	8 AWG - 4/0 AWG 25.5" long, 6.6 lbs Racheting Mechanism	262.00 6.6 3	262.00 256.76 248.90

Modular Plug Crimpers [580-15]

If you are buying these, you may need:

Heat Shrink Tubing. . . . . page 1736
Heat Shrink Guns . . . . . page 1738

Crimpmaster

Crimpmaster includes one telcom crimp frame model 30-507, oneRJ45 keyed and non-keyed die set model 30-583, one round coaxcutter model 35-051, one cyclops twisted pair cable stripper model 45-514 and 200 each, RJ45 eight position round solid modularplugs in a blow molded case with a foam cut-out interior.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 410306 1 EACH	Ideal Industries 30-569 Lifetime	Die Set Twinax Connectors, 3-Cavity. Hex	23.55 0.01 0	21.08 19.60 19.08
NEW 417323 1 EACH	Ideal Industries 30-556 Lifetime	Die Set for RJ-11, two, four or six position modular plugs.	38.05 0.01 0	34.09 31.69 30.85
NEW 421310 1 EACH	Ideal Industries 30-573 Lifetime	Die Set, Crimpmaster 30-506; Cambridge BNC/TNC connectors	23.55 0.01 0	21.08 19.60 19.08
43222 1 EACH	Ideal Industries 33-652 1 Year	RJ45 crimping kit.	214.30 5.73 2.6	191.99 178.49 173.78
NEW 461324 1 EACH	Ideal Industries 30-570 Lifetime	Die Set, RG-6, RG-174, RG-8281 for Crimpmaster Frame 30-506. 3-Cavity.	23.55 0.01 0	21.08 19.60 19.08
NEW 480347 1 EACH	Ideal Industries 30-503 Lifetime	IDEAL Crimp Tool Crimps CATV RG-59 and RG-6 Captive Ring F-Connectors.	58.35 0.01 0	52.28 48.60 47.32

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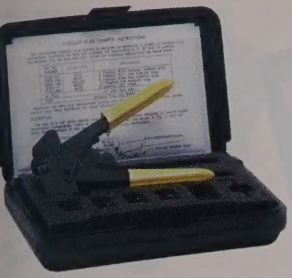
Top Loading Modular Plug Crimper



The 7500 Series Tele-Crimp Tool provides a high level of versatility and terminations reliability at an affordable price. This tool accepts interchangeable die sets for 10-, 8- (RJ45), 6- (RJ11; 6, 4, or 2 conductors) and 4-position (RJ22) modular plugs. Also incorporates a replaceable cutter and stripper designed to prevent user injury, yet provide easy access for flat or round cable preparation.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
4195 EACH	Sargent Tools TK7500 1 yr	Kit includes tool frame, dies for 4,6,8,10 pos. modular connectors, and case.	215.00 2.14 0.97	166.63 159.75 152.65

Telephone Installation Kit

Universal telephone field service crimp kit for home or office, for contractors installing telephone, data and network cabling.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
9455 EACH	Harris Corporation 11281-581 1 Year	Universal Telephone Installation Crimp Kit. Includes Pro2000 THHN 6 stripper, crimper frame, hard-side case, die sets: RJ45, RJ11, Handset plug, RJ45 AMP, RJ11 AMP, RJ11 DEC, RJ50.	236.35 2.13 0.97	176.91 172.18 165.44

WIRELESS SOLUTIONS 9pc Datacom Kit

Wireless Solutions Roll-Up Datacom Tool Kit, 9pc Includes: 7 Nutdrivers; Aircraft Alum Crimp Frame and die set in handy Roll Pouch

- Nutdrivers: 3/16", 1/4", 5/16", 11/32", 3/8", 7/16", 1/2", 5/8" by 4" OAL
- Crimp Die: RG-58, RG-59, RG-62 BNC/TNC 3 pc Die

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 1312 EACH	Wireless Solutions NCT-770T3 Lifetime	Roll-Up Datacom Tool Kit, 9pc Includes: 7 Nutdrivers; Aircraft Aluminium Crimp Frame and die set in handy Roll Pouch	312.70 1.5 0.68	284.25 264.86 248.29

WIRELESS SOLUTIONS 12pc Datacom Kit

Wireless Solutions Lightweight, comfortable& rugged. Our 12 piece Datacom Tool Kit is constructed space-age technology materials. The nutdrivers have handles made from the same composite resin that make up part of the Stealth Bomber while the ergomonic crimper is made from structural aircraft aluminium. Your kit includes: 7 Aluminium shaft Nutdrives; Bit holding Mag Screwdriver; Can wrench; Cable strip knife; Aircraft Aluminium Crimper & Die set.

- Nutdrivers: 3/16", 1/4", 5/16", 11/32", 3/8", 7/16", 1/2", 5/8" by 4" OAL
- Crimp Die: RG-58, RG-59, RG-62 BNC/TNC 3 pc Die

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 465380 1 EACH	Wireless Solutions NCT-760T Lifetime	Roll-Up Datacom Tool Kit, 12pc. Includes 7 Nutdrivers; Bit holding Mag Screwdriver; Can wrench; Cable strip knife; Aircraft Alum Crimper & Die set.	396.90 2 0.91	360.79 336.18 315.14

WIRELESS SOLUTIONS 47pc Datacom Kit

Wireless Solutions Professional Datacom Kit, 47pc includes: Connectors; Crimper w/ matching telcom & coax dies; Pouch

- Connectors: (10 ea)RJ-45,RJ-11& (3 ea)RG-59 BNC, RG-58 BNC Connectors
- Crimp Die: RG-58, RG-59, RG-62 BNC/TNC .256/.213/.068 3 pc Die; CATV RG-59 & RG-6 Captive F-Connector; RG-6 & RG-59 Video Cable CATV Hex Type .346/.315/.256

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 451325 1 EACH	Wireless Solutions NCT-907T Lifetime	Professional Datacom Kit, 47pc includes: Connectors; Crimper w/matching telcom & coax dies; Pouch	368.40 2.5 1.14	334.88 312.04 292.51

WIRELESS SOLUTIONS 12PC Datacom Kit

Wireless Solutions Datacom Pro Tool Kit, 12pc includes: Crimper w/ RG-58/59/62 BNC/TNC Die; Composite Mag. Bit holding Driver & bit set; Can Wrench; 7 Composite nutdrivers; in zipper case.

- Nutdrivers: 3/16", 1/4", 5/16", 11/32", 3/8", 7/16", 1/2", 5/8" by 4" OAL
- Crimp Die: RG-58, RG-59, RG-62 BNC/TNC 3 pc Die

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 479398 1 EACH	Wireless Solutions NCT-780T Lifetime	Datacom Pro Tool Kit, 12pc includes: Crimper w/ RG-58/59/62 BNC/TNC Die; Composite Mag. Bit holding Driver & bit set; Can Wrench; 7 Composite nutdrivers; in zipper case.	409.60 3.5 1.59	372.33 346.94 325.23

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Dataready Pro Kit

A complete data cable installation kit providing everything for cutting, stripping, crimping, terminating and testing data cables. DataReady PRO is designed to support the installer using commonly-available connectors, and punchdown termination blocks.

- CrimpALL interchangeable die set crimper frame
- Die sets : RJ45 WE/SS, RJ11/RJ12 WE/SS, RJ22 Handset, RJ45 AMP/Tyco and RJ11 DEC-MMJ
- AM 12 twisted-pair cutter/stripper
- SurePunch punchdown tool
- SurePunch 110 reversible punchdown blade
- SurePunch 66 reversible punchdown blade
- Lan ProNavigator tester with remote

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
438170 1 EACH	Paladin 901378 1yr	Includes CrimpALL, Die sets RJ45 WE/SS, RJ11/12 WE/SS, RJ22 Handset, RJ45 AMP/Tyco RJ11 DEC-MMJ, AM 12 twisted pair cutter/stripper, SurePunch PDT with 110/66 blades, LAN ProNavigator tester with remote	349.95 4.3 1.95	313.56 291.51 284.47

Premise Service Kit

Paladin's biggest data, voice and coaxial LAN installation kit. The Premise Service Kit provides everything for cutting, stripping, crimping, terminating, testing, and tracing data and telephone (voice) cables, modular plug cable systems, and RG58/59/62 coaxial cable systems. All tools contained in a professional blow-mold case complete with form-fitting foam.

- CrimpALL interchangeable die set crimp tool frame
- Die sets: RJ45 WE/SS, RJ11/RJ12 WE/SS, and RG58, RG59 and RG62AU
- KT8 round cable cutter
- AM 12 UTP/STP round cable cutter/stripper
- LC CST-58/59 Coaxial Cable stripping tool
- FlatCat flat satin cable cutter/stripper
- SurePunch PDT with 110/66 combination blade
- SurePunch 110 reversible cut/punch blade
- SurePunch 66 reversible cut/punch blade
- Speaker probe with volume control
- LAN ProNavigator tester with remote

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
497179 1 EACH	Paladin 901039 1yr	includes crimper, 3 die sets, KT8 round cable cutter, cable stripper, coaxial cable stripper, FlatCat cable cutter/stripper,SurePunch wiht 110/66 plades, speaker probe and LAN ProNAvigator tester.	395.95 7.54 3.43	354.78 329.83 321.98

Professional UTP Termination Kit

Professional UTP (unshielded) termination kit for assembly and testing of telephone, data and network cabling systems. Kit includes :

- Stripax Pro 6 wire cutter/stripper
- FlatCat cable cutter/stripper
- 1300 crimper frame
- Die sets: RJ45 WE/SS and RJ11 WE/SS
- Patch-Check cable tester
- Connectors: RJ11 (qty 30), RJ45 (qty 15) RJ45 solid wire (qty 15)
- Crimp tool features interchangeable die system

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
422194 1 EACH	Paladin 1587 1yr	Stripax pro 6 stripper/cutter, FlatCat cable stripper/cutter, Crimp frame, RJ45 WE/SS & RJ11 WE/SS dies, cable tester, 30 RJ11 connectors, 15 RJ45 and 15 RJ45 solid wire connectors.	231.75 4.3 1.95	207.62 193.02 187.92

CAT-5 Kit

Basic assembly and test kit for Category 5 10-Base T Ethernet and AT&T network cabling. Crimper is for use only on WE/SS type modular plugs. Tool will not crimp AMP-type modular plugs without additional die sets. KIt includes:

- 1300 crimper frame
- RJ45 WE/SS die set
- KT 8 round cable cutter
- Patch-Check cable tester
- RJ45 CAT-5 standard plugs (qty 50)
- Crimp tool features interchangeable die system

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
485156 1 EACH	Paladin 1588 1yr	Crimp frame, RJ45 WE/SS die set, Cable cutter, cable tester, 50 RJ45 CAT-5 standard plugs	200.00 4.3 1.95	179.20 166.66 162.20

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elecom: Data/Voice/Video Kit

Save time on cable modem & satellite dish installations. A complete telecom installation kit providing everything for cutting, stripping, terminating, crimping and testing data, voice and video modular plug cable systems, and coax LAN and video cable systems. All tools contained in a professional soft-sided zipper case with heavy-duty wrist strap. The Telecom: Data/Voice/Video contains:

- 8 round cable cutter
- 112 UTP/STP round cable cutter/stripper
- CST-58/59 coaxial cable stripper for up to RG6 uad
- 00 series crimper frame
- Die sets: RJ45 WE/SS, RJ11/RJ12 WE/SS, RJ22 handset, RG58/RG59/RG62AU, RG6/RG6 Quad CATV "F" and BNC, RG59/RG6 CATV "F"
- Non-impact punchdown tools with fixed 110 & 66 blades
- Lan ProNavigator tester with remote
- BNC-to-CATV "F" adapters (2 each) for CATV testing

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
5108 ACH	Paladin 901383 1yr	3 cable cutter/strippers, 1300 series crimper frame, 6 die sets : RJ45/RJ11/RJ12 WE/SS, RJ22 handset, RG58/59/62AU, RG6/6 Quad CATV "F" and BNC, RG59/RG6 CATV "F", 110&66 PDT, LAN ProNavigator test set, BNC-to-CATV "F" adapters (2 each)	299.95 7 3.18	268.76 257.47 257.47

rimper Kit

Complete modular crimp kit. Conatains a high quality 2,4,6,8 pin modular crimper, 50 each 4 conductor plugs, 50 each 6 conductor plugs and 50 each 8 conductor plugs in a handy hard shell carry case.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
527 ACH	AIM Electronics Corp 24-8832K 2 yr	Modular crimp kit	114.15 2 0.91	106.50 103.76 102.39

LAN Crimper Kit

This kit includes a crimp tool frame, die sets for 2,4,6, 6 Long Body (AMP & Western Electric configurations), 8 and 10 position modular plugs. Also includes 50 RJ11 modular plugs, 50 RJ45 modular plugs, three step stripp for RG 58, RG 59 and RG 62 coaxial cable, case and foam insert. Crimps conductor and strain relief in one crimp cycle.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
69294 1 EACH	Sargent Tools TK2770 1 yr	Complete Telco crimper kit with modular plugs.	252.00 2 0.91	195.30 187.24 178.92

5-in-1 Crimping Tool

This tool serves as a crimper, wire cutter, stripper and pliers as well as a 6-range bolt cutter. Crimps solderless terminals including ring tongue, quick disconnect and butt style. Cuts copper wire. Strips 22-10 gauge wire. Serrated edges at nose of tool make it useful as pliers. Cuts bolts #4 - #10. All operations clearly marked. Made of high-quality steel with precision-ground cutting edges and insulated handles.

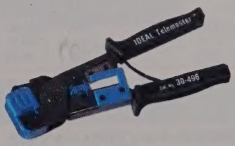
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
81469 1 EACH	K-D Tools 2162 Lifetime	Length: 8". Crimper,cutter, stripper, pliers, & bolt cutter.	20.05 0.55 0.25	18.69 17.39 17.01

Professional Crimper

2100 series professional crimper with die that crimps 6, 4, and 2 conductors in RJ11, 6 position plugs. Crimps conductor and strain relief in one crimp cycle. Features a compact lightweight design for wire and contact handling convenience. Also has moldedgrips and an easy reach frame to minimize user fatigue.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
94473 1 EACH	Sargent Tools 2108CT 1 yr	Crimper for RJ45, 8 position modular plugs.	90.00 1.06 0.48	69.75 66.87 63.90

TELECOM MOD PLUG CRIMP TOOLS



Multi-function telephone tool crimps,cuts and strips for easy on-the-job one tool application. The steel frame gives long term durability and dependability. This kit does not include the modular plugs, sku's for 4, 6, and 8 pin conn. are 53813, 14171 and38101 respectively.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
35134 1 EACH	Cambridge 24-4681P 1 yr	Crimper for 4, 6 and 8 pin modular plugs.	59.90 0.42 0.19	53.67 49.90 48.58
NEW 432317 1 EACH	Wireless Solutions 100-004B Lifetime	EZ-RJ45 Crimp Tool crimps&cuts wires of the EZ-RJ45 connectors.	59.80 1 0.45	54.36 49.82 45.99
NEW 437331 1 EACH	Xcelite DCT311V Lifetime	XCELITE RJ11 & RJ45 4,6,8 position modular plugs.	80.00 6.36 2.89	66.64 61.52 57.12
30158 1 EACH	Ideal Industries 30-496 1 yr	Tool with black handles for RJ11 (2,4,6 pin) and RJ45 (8 pin) modular connectors.	42.25 0.8 0.36	37.83 35.17 34.24

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
72177 I EACH	Ideal Industries 30-696 1 yr	Ratchet style tool for RJ11 (2,4,6 pin) andRJ45 (8 pin) modular connectors.	52.80 0.8 0.36	47.30 43.98 42.82

Modular Crimper

This versatile crimper combines the necessary tools for crimping 2,4,6,8 pin modular plugs. Inlcludes 4 pin hand-set plug crimp station. Cuts and strips telephone cable as well. Fully ratcheting cycle with safety release.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 434182 I EACH	Paladin 901016 5 yr	4,6,8 pin crimper for WE and SS plugs for solid and stranded wire.	140.00 2 0.91	125.44 116.62 113.54
45028 I EACH	Paladin PA1530R 5 yr	2,4,6,8 pin crimper for STEWART Stamping style/ WE style modular plugs	124.60 2 0.91	111.63 103.78 101.04
72466 I EACH	Paladin 901014 5 yr	2,4,6,8 pin crimper for AMP plugs for solid and stranded wire.	140.00 2 0.91	125.44 116.62 113.54
99955 I EACH	Cambridge 24-7864P 2 yr	Deluxe modular crimper	189.00 1.2 0.55	169.35 157.44 153.28

8 & 8 Keyed Economy Modular Crimpers

Economy modular plug crimpers.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
62031 I EACH	Cambridge 24-7748P 1 yr	Metal construction for terminating RJ-45 8 & 8 Keyed conductor plugs.	40.55 0.66 0.3	20.26 16.21 13.98

AMP Modular Crimp Tool

Amp modular crimp tool cut and strips the cable in addition to terminating modular plugs on flat cable. Will crimp AMP modular plugs on round cable. Cushioned and spring loadedhandles.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
61526 I EACH	Jensen Tools 80-522 30 Day	RJ-11 4-6 position crimper with Die	151.35 1 0.45	139.00 137.61 136.22
99919 I EACH	Jensen Tools 402-497 30 Day	RJ-45, 8 position die ONLY	49.00 0.5 0.23	45.00 44.55 44.10

Professional Crimper

3180 series professional crimper feature interchange-able die capabilities. Provides Cutter and Strip func-tions. Rated for 50,00 crimp cycles. Replacement diesets: SKU 67767, 16160 and 496360.

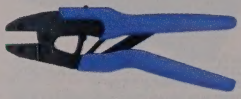
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
17855 I EACH	Sargent Tools 3180 1 yr	Crimper with 2 dies. One for RJ11 6 pin and one for RJ45 8 pin plugs.	105.00 1.5 0.68	81.38 78.02 74.55

2, 4, 6, Pin Ecomony Modular Crimper

Economy modular plug crimpers.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
23638 I EACH	Cambridge 24-7746P 1 yr	Metal construction for terminating 2, 4, & 6 conductor plugs.	19.15 0.42 0.19	13.79 13.40 12.90

WIRELESS SOLUTIONS Mod Plug Crimp Frame



TESSCO Modular Plug Crimp Tool Frame, accepts die sets form other tools. Double cam super-smooth mechanism. Soft, non-slip ergonomic handles. 10" OA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 445378 I EACH	Wireless Solutions 17052 Lifetime	Modular Plug Crimp Tool Die Non-Insulated Terminals 8-22AWG solid or stranded wire.	18.20 0.02 0.01	16.52 15.14 13.98
NEW 484340 I EACH	Wireless Solutions 17051 Lifetime	Modular Plug Crimp Tool Die Insulated Terminals 10-22AWG solid or stranded wire.	18.20 0.02 0.01	16.52 15.14 13.98
NEW 484374 I EACH	Wireless Solutions 17054 Lifetime	Modular Plug Crimp Tool Dies: Coax BNC/TNC 3pc RG58/59/62AU Cav .068"/.213"/.255"Hex	18.20 0.02 0.01	16.52 15.14 13.98
NEW 494376 I EACH	Wireless Solutions 17000 Lifetime	Modular Plug Crimp Tool Frame, accepts dies sets form other tools. 10" OAL	43.70 1.2 0.55	39.73 36.41 33.61
NEW 498365 I EACH	Wireless Solutions 17053 Lifetime	Modular Plug Crimp Tool Die:Coax BNC/TNC/HDTV RG59/6 Cav .042"/.068"/.255"/.324" Hex	18.20 0.02 0.01	16.52 15.14 13.98

Wire Strippers [580-21]

If you are buying these, you may need:

Ground Wire . . . . . page 574
Heat Shrink Tubing. . . . . page 1736
Heat Shrink Guns . . . . . page 1738
Automotive Hookup Wire . . . . . page 1762
Tape, Electrical, and Cold Shrink . . . . . page 1741

WIRELESS SOLUTIONS Cyclops 2 Stripper

473393

Wireless Solutions Clyclops2 Cable Jacket Stripper cuts PVC & UTP/STP plenum rat materials w/o damaging braid foils or conductors. Accepts cable dia. To .43". 3.5" OA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 473393 I EACH	Wireless Solutions 15010 Lifetime	Clyclops2 Cable Jacket Stripper cuts PVC & UTP/STP plenum rated materials To .43". 3.5" OAL	26.45 0.01 0	24.0 22.0 20.3

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CONOMY Adjustable Wire Strippers

39922 457344 47090

471345 492301

These Economy Adjustable Wire Strippers & Cutters are made from stamped tool steel and feature a cam adjustment. Hardened, tempered & ground cutting surfaces & padded handles. USA

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
922 ACH	Xcelite 103S Life	Length: 5 1/4". Has cushion grip handles.	13.40 0.21 0.1	11.15 10.29 9.56
EW 7344 ACH	Ripley 80315 Lifetime	MILLER Adjustable CAM Wire Stripper & Cutter preps insulated wire to 10 AWG w/ cam adjustment. Hardened, tempered & ground cutting surfaces & padded handles.	7.30 0.16 0.07	6.98 6.68 6.41
090 ACH	Xcelite 101SV Lifetime	XCELITE 5" wire stripper & cutter with spring opening. Adjust. screw stop for diff. wire sizes. Cuts & strips both solid & strand. wire. Cush. grip handlesLength: 5". Has cushion grip handles.	11.00 0.21 0.1	8.84 8.79 8.68
EW 1345 ACH	Ripley 80305 Lifetime	MILLER Adjustable Wire Stripper & Cutter	5.90 0.16 0.07	5.64 5.40 5.18
EW 2301 ACH	Ripley 80300 Lifetime	MILLER Adjustable Wire Stripper & Cutter	4.90 0.16 0.07	4.69 4.49 4.31

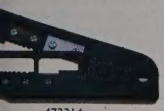
EAL T-Stripper

42123

Preferred by professional for over three decades. All IDEAL-T Strippers feature the following: (a) Precision-ground, knife-type blades assure clean, accurate stripping. (b) Compact size lightweight, cushioned plastic grips and smooth operation reduce operator fatigue. (c) Convenient loop-hole soimplifies wire-looping for screw terminal connections. Black oxide finish resists corrosion. (d) Built- in wire cutter on all models. (e) Spring-loaded for automatic opening.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
625 ACH	Ideal Industries 45-124 1 yr	Standard T-8 for wire range 8-16 AWG.	9.65 1 0.45	8.63 8.03 7.81
123 ACH	Ideal Industries 45-121 1 yr	Standard T-6 for wire range 16-26AWG.	9.65 1 0.45	8.63 8.03 7.81
547 ACH	Ideal Industries 45-125 1 yr	Standard T-7 for wire range 22-30 AWG	9.65 0.26 0.12	8.63 8.03 7.81

RELESS SOLUTIONS CAT5 Stripper



473314

WIRELESS SOLUTIONS CAT5 Cable Jacket Stripper cuts Cat 5 cable only w/o inner conductors. Long life blades. 3" OAL

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 314 CH	Xcelite DCS203V 1 Year	Cut STP & UTP other flex cable. Replaceable blades.	33.00 1.08 0.49	27.49 25.38 23.57

IDEAL REFLEX T-Stripper

436399 439355 439387

448333 498352

IDEAL Reflex(tm) T-6 Wire Strippers. Sheer-type blades; spring-loaded automatic opening; Wire range #16 to #26 AWG stranded. Ergonomic handles.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 436399 1 EACH	Ideal Industries 45-416 Lifetime	IDEAL Reflex(tm) T-6 Wire Stripper	14.85 0.01 0	13.29 12.36 12.03
NEW 439355 1 EACH	Ideal Industries 45-120 Lifetime	IDEAL Reflex T-5 Wire Strippers with Pliers Nose	9.65 0.01 0	8.63 8.03 7.81
NEW 439387 1 EACH	Ideal Industries 45-423 Lifetime	IDEAL REFLEX T-Cutter	14.85 0.01 0	13.29 12.36 12.03
NEW 448333 1 EACH	Ideal Industries 45-417 Lifetime	IDEAL Reflex(tm) T-7 Wire Stripper	14.85 0.01 0	13.29 12.36 12.03
NEW 498352 1 EACH	Ideal Industries 45-418 Lifetime	IDEAL Reflex(tm) T-8 Wire Stripper	14.85 0.01 0	13.29 12.36 12.03

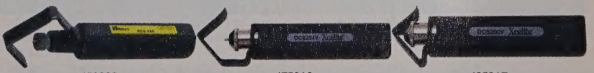
Economy Strippers

10928

Has adjustable screw stop for different wire sizes. Cuts and strips both solid and stranded wire cleanly, neatly. Hardened, with ground blades. Also has spring equipped, self-opening handles.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
10928 1 EACH	GC/Waldom 12-164 90 Days	GC Kwik-Strip coax stripper. Cuts and strips RG58 & RG59 coaxial cables. Toggle latch keeps stripper closed when not in use.	28.50 0.24 0.11	26.60 24.74 24.21

Round Cable Stripper/Slitter



459332 475319 495317

24205

The round cable slitting and ringing tool can be used on single or multiple conductor cable. The blade can be adjusted for jacket Thickness. The blade can cut around the cable jacket as well as slit the length of the cable jacket for easy removal. Aspare blade is stored in the handle base.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 454323 1 EACH	Xcelite DCS205V 90 Days	Replacement Blades for Round Cable Stripper/Slitter	7.00 0.18 0.08	5.84 5.39 5.00
NEW 459332 1 EACH	Ripley 37140 Lifetime	MILLER Round Cable Stripper removes PE, PVC, rubber and other jackets from fiber optic (and other) cables. Handles up to 1.14 inch cable diameters.	45.40 0.22 0.1	43.41 41.55 39.87
NEW 475319 1 EACH	Xcelite DCS204V Lifetime	XCELITE slits round cables 25mm-36mm O.D. Adjust blade to 0.125" (3mm).	57.00 1.92 0.87	47.49 43.84 40.70
NEW 495317 1 EACH	Xcelite DCS200V Lifetime	XCELITE slits round cables 4mm-25mm O.D.. Adjust blade to 0.125" (3mm).	40.00 1.86 0.85	33.32 30.76 28.56
24205 1 EACH	Ideal Industries 45-144 1 yr	Slits round cables up to 4/0 AWG (up to1-3/4") with jacket thickness of .125" Includes 1 spare blade.	46.35 0.5 0.23	41.50 38.58 37.56
39519 1 EACH	Paladin AM25 1 yr	Slits round cables from 0.18 to 1.0 inch dia. with jacket thickness of 0.18 inch. Includes 1 spare blade in handle.	41.00 0.31 0.14	36.73 34.15 33.25

N = New Listing. Pricing for reference only.
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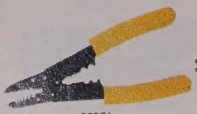
Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
10991 2 PACK	Ideal Industries LB1748 1 yr	Replacement Blades for cable slitter 24205 for up to 1-3/4" dia cables.	17.10 0.2 0.09	15.33 14.25 13.87

Multi-Purpose Wire Stripper-Cutter



38376

79039

29577

72115

Strips six standard wire sizes without nicking the wire. Scissors action of the 1/2" wide cutter makes clean cuts. Serrated nose jaws to bend, shape, or pull wire. Coil spring opening reduces fatigue

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
38376 1 EACH	Ideal Industries 45-777 1 year	Performs 7 functions: strips, cuts, crimps,loops, reams and gauges wire.	24.90 1.5 0.68	22.29 20.72 20.17
79039 1 EACH	Xcelite 104CG Lifetime	XCELITE 8-1/4" wire cutter, stripper, & crimp tool.	32.90 0.58 0.26	26.47 26.31 25.98
29577 1 EACH	Klein Tools, Inc. 1011 Lifetime	Strips wire 10 to 20AWG. 6" Long	16.95 0.27 0.12	9.59 8.70 8.47
72115 1 EACH	Klein Tools, Inc. 11046 Lifetime	Strips wire 16 to 26AWG. 6" Long Red Handles	18.65 0.5 0.23	10.54 9.57 9.31
65472 1 EACH	Klein Tools, Inc. 11047 Lifetime	Strips wire 22 to 30AWG. 6" Long	19.75 0.5 0.23	11.18 10.14 9.87

ABECO PowerStrip Wire Strippers

452340

474303

ABECO Micro Wire Strippers for PVC coatings from 10 AWG to 16 AWG wire sizes. Built-In Cutter

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 452340 1 EACH	Ripley 39395 Lifetime	ABECO Micro Wire Strippers for PVC coatings and up to 16 AWG wire sizes. Built in cutter.	59.75 0.5 0.23	57.13 54.68 52.47
NEW 474303 1 EACH	Ripley 39400 Lifetime	ABECO plier-style strippers for PVC coatings and up to 10 AWG wire sizes. Built in cutter.	72.90 0.75 0.34	69.70 66.71 64.01

Pro2000 Wire Stripper

57699

The Pro2000 line of high qualiy wire stripping and cutting tools are engineered to provide consistent, clean, accurate strips for more efficient, better quality work.

- Lifetime warranty (excluding blade)
- Strips PVC, silicone insulation
- 64 individual blades contour around cable diameter for clean, no-nick stripping
- Requires low hand force
- Built-in wire cutter
- User-replaceable blades
- Strips multiple conductors and thin ribbon cable at once.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
57699 1 EACH	Harris Corporation 11232-101 Lifetime	High Quality wire stripping and cutting tool for AWG 20-12 wire.	54.55 0.5 0.23	40.83 39.74 38.18

Grip-N-Strip End Stripper

63360

This end stripper features self-adjusting stripping blades, lightweig fiberglass construction and hardened steel cutter and stripper blades. Tapered nose allows stripping in confined areas, and also includes dual strip length gauge marks of 3/16" amd 5/16". 7.5 inch long and weighs 4oz.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
63360 1 EACH	Ideal Industries 45-227 1 year	Strips 12AWG solid through 20AWG stranded PVC insulated wire.	33.25 3 1.36	29.7 27.6 26.9

IDEAL Stripmaster

41928

51590

Designed to handle a wide range o general purpose and commercial stripping requirements,theStripma ter is ideally suited for all types of applications including: industrial, commercial, residential,automo- tive,radio & telephone installation. Features: (a) Made of 100% zinc forcorrosion resistance and ligh weight. (b) One step stripping acti reduces stripping time for increase productivity. (c) Spring action increases stripping leverage and reduces operatorfatigue.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
41928 1 EACH	Ideal Industries 45-264 1 Year	IDEAL Coax Stripmaster wire stripper for RG 58.	29.65 1.5 0.68	26.5 24.6 24.0
51590 1 EACH	Ideal Industries 45-092 1 year	Wire stripper for wire size 10-20 AWG.	30.35 1.5 0.68	27.1 25.2 24.6

Bonded CAT5 Strip Tool

52942

The Belden cable tool 1797A provides a simple & effective method of str ping the outer jacket for 2, 3 and 4 pair cable without damaging the inner conductor insulation. It also provides a special feature to straighten and s arate adjoined conductors of a twisted pair when using Media-Twist or D Twist 350 cable.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
NEW 52942 1 EACH	Belden 1797A 1 Year	For use with jacketed multiconductor cables and bonded twisted pair cable.	10.00 0.2 0.09	8.0 7.5 7.0

IDEAL Combo Tool

89983

One tool that performs four functions: wire stripping, bolt c ting, crimping, and wire cutting. Features: (a) Nick-free strip of 8 to 20 AWG solid and 10-22 AWG stranded wire. (b) Cl cutting of unhardened 4-40, 6-32, 8-32, 10-24, and 10-32 bolts.(c) Accurate crimping of both bare and insulated termi as well as IDEAL's 30-410 crimp sleeves. (d) Anvil-type wire ting of 10 AWG to 22 AWG stranded wire.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
89983 1 EACH	Ideal Industries 30-428 1 year	Multi-purpose combo tool.	25.55 1.5 0.68	22. 21. 20.

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REST OF WORLD +1 410-229-1200
FAX 410-527-0005
WWW.TESSCO.COM

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ABECO Cat5 Smart Strip Strippers

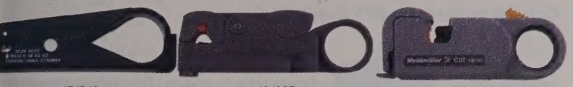
479345

ABECO Jacket Remover for removing jackets from communcations cables like CAT 5. Adjustable blade in sleeve allows precise depth settings.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 479345 EACH	Ripley 39470 Lifetime	ABECO CAT 5 Cable Stripper	18.90 0.45 0.2	18.07 17.30 16.60

2 & 3-Step ONE FINGER Cable Strippers

12838 25459 412355



474349 494357 63427

493119 54553 98706

10423 12444 92253

28332 58039 26024

460047

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
12838 EACH	Sargent Tools 8300 90 Days	SARGENT Easy-Strip 3 step coax stripper for RG58, 59, 62. Strips 5000 cycles.	8.75 0.2 0.09	6.79 6.51 6.22
25459 EACH	Xcelite 2CS5962B 90 Days	XCELITE pre-adjusted coaxial cable stripper for fast removal of outer jacket & shield . 2 step operation for RG 58,59 & 62.	77.30 0.15 0.07	62.23 61.84 61.07
NEW 12355 EACH	Wireless Solutions 15015 Lifetime	WIRELESS SOLUTIONS CAT5 Cable Jacket Stripper cuts Cat 5 cable only 3" OAL	14.05 0.01 0	12.74 11.67 10.78
NEW 74349 EACH	Xcelite DCS202V Lifetime	XCELITE3-Step Coaxial Stripper for RG6/58/59/62	30.00 0.66 0.3	24.99 23.07 21.42
NEW 79356 EACH	Xcelite 3CSKWH 90 Days	Xcelite Stripper, 3 step white insert for RG58, RG59 cable, exposes .266"/.063"	90.85 0.02 0.01	73.11 72.66 71.75
NEW 94357 EACH	Wireless Solutions 15030 30 Days	WIRELESS SOLUTIONS 2-Blade Coaxial Cable Jacket Stripper cuts RG58/59/62/6/6 Quad Shield cable. Easy-to-change blades. 4" OAL	18.40 0.02 0.01	16.73 15.33 14.15
63427 EACH	Paladin CST-VARIO 90 Days	PALADIN CST-Vario stripping tool. Adjustable blade depth, and strip length RG6, RG58, RG59, RG62, RG174, and 8218	71.55 1 0.45	64.10 59.59 58.02

Continuing product table (2 of 2)

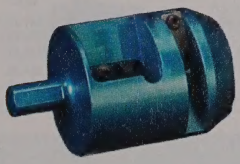
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
493119 EACH	Paladin PA1256 1 Year	PALADIN Stripping tool for RG8, RG11, RG213. 2 & 3 level, adjustable. .315" outer jacket, .157" inner dielectric	17.00 1 0.45	15.23 14.16 13.78
54553 EACH	Sargent Tools 8450 90 Days E	For use with twised pair cable.	14.50 0.16 0.07	11.24 10.78 10.30
98706 EACH	Cambridge 24-7733P 30 Days	CAMBRIDGE 3 step coax stripper for RG6,58,59 and RG62. Self-adjusting. Replacement blade cartridge, SKU 39728.	29.55 0.3 0.14	21.25 20.66 19.89
10423 EACH	Cambridge 24-7739P 30 Days	CAMBRIDGE 3 step coax stripper for RG8,11 and 213.	33.30 0.3 0.14	23.97 23.30 22.44
12444 EACH	Xcelite 3CBR 30 Days	XCELITE replacement cartridge for 92253 coaxial cable strippers. COLOR: BROWN	38.00 0.05 0.02	30.56 30.37 29.99
92253 EACH	Xcelite 3CS5859BR 90 Days	XCELITE pre-adjusted coaxial cable stripper for fast remov. of outer jacket & shield for attach. connector. 3-step. Replac. blades for RG58, 59, 62 avail.	82.50 0.14 0.06	66.38 65.97 65.15
28332 EACH	Xcelite 2CSKB 30 Days	XCELITE pre-adjusted coaxial cable stripper for fast removal of outer jacket,dielectric and braid. 2 step for RG 58,59 & 62. (.10" to .30")	85.50 0.15 0.07	68.80 68.37 67.52
58039 EACH	Harris Corporation 11232-241 Lifetime	HARRIS Fixed-blade, coax stripping tool for cable diameter of 0.1-0.315". Effortless finger-loop operation. With blue cassette: 2 step, A=.256" strip length.	86.35 0.1 0.05	64.64 62.91 60.45
58047 EACH	Harris Corporation 11232-247 1 Year	HARRIS Fixed-blade, coax stripping tool for cable diameter of 0.1-0.315". With Orange cassette: 3 step, A=.327", B=.146" strip length.	86.35 0.1 0.05	64.64 62.91 60.45
58117 EACH	Harris Corporation 11232-248 Lifetime	HARRIS Fixed-blade, coax stripping tool for cable diameter of 0.1-0.315". With universal cassette: 3 step, A=.344", B=.094" strip length.3-step strip with A=.344", B=.094" strip length.	86.35 0.1 0.05	64.64 62.91 60.45
26024 EACH	Sargent Tools 8700 ES 90 Days	SARGENT Easy-Strip coax stripper for RG6, RG59. Strips to a 1/4" x 1/4" prep.	14.95 0.2 0.09	11.59 11.11 10.62
460047 EACH	Paladin 1255 1 Year	PALADIN Cable stripper for RG 58/59 and 62.	17.00 0.75 0.34	15.23 14.16 13.78

Cable Prep Tools [580-23]

If you are buying these, you might need:

Braided Coaxial Cables . . . . . page 394

Cable Preparation Tool, 1/2 Flex



Wireless Solutions Cable Preparation Tools. Drill ready. Make percise, consistent strips in under 15 sec. on corrugated coax cable jacket, foam & conductors without nicking the conductor.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 451375 EACH	Lemco Tool Corp. CT-EF12 1 Year	Strip tool for any 1/2" flex cable and Eupen connector	137.60 0.35 0.16	109.23 102.62 96.85
NEW 453377 EACH	Lemco Tool Corp. CT-AF12 1 Year	Strip tool for any 1/2" flex cable and Andrew connector	137.60 0.35 0.16	109.23 102.62 96.85
NEW 471321 EACH	Lemco Tool Corp. CT-BK-F12 30 Days	Replacement Blade Kit for 1/2" strip tools	37.20 0.05 0.02	29.54 27.76 26.19
NEW 478382 EACH	Lemco Tool Corp. CT-FH 1 Year	T-Handle for 1/2" strip tools	17.50 0.2 0.09	13.90 13.06 12.32
NEW 479385 EACH	Lemco Tool Corp. CT-SF12 1 Year	Strip tool for any 1/2" flex cable and Huber+Suhner connector	137.60 0.35 0.16	109.23 102.62 96.85
NEW 496344 EACH	Lemco Tool Corp. CT-CF12 1 Year	Strip tool for any 1/2" flex cable and RFS Cablewave connector	137.60 0.35 0.16	109.23 102.62 96.85

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Cable Preparation, Commscope Cellreach

CablePrep Tool for CommScope's Cell Reach cables includes: Coring Tool removes foam dielectric&strip outer jkt; Jacket Strips outer jacket to length.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 423376 1 EACH	Lemco Tool Corp. CT-CS78 1 Year	Corstrip tool for CR 50 1070 PE (7/8") cable	219.60 1.45 0.66	174.37 163.83 154.60
NEW 431338 1 EACH	Lemco Tool Corp. CT-CS12 1 Year	Corstrip tool for CR 50 540 PE (1/2") cable	227.40 1 0.45	180.54 169.63 160.08
NEW 451363 1 EACH	Lemco Tool Corp. CT-CS158 1 Year	Corstrip tool for CR 50 1873 PE (1 5/8") cable	241.10 3.35 1.52	191.41 179.84 169.71
NEW 474308 1 EACH	Lemco Tool Corp. CT-H 1 Year	High Leverage Sliding T-Handle	46.65 0.26 0.12	37.02 34.78 32.82
NEW 474361 1 EACH	Lemco Tool Corp. CT-CS38 1 Year	Corstrip tool for CR 50 396 PE (3/8") cable	227.40 1 0.45	180.54 169.63 160.08

Cable Preparation Tools for Eupen Cable

Cut installation time on Eupen cable with the new Wireless Solutions cable preparation tool. Attaches quickly to a power drill for rapid cable preparation. One step cable preparation and the connector is ready for installation. A flaring tool is included to compensate for any irregularities and to complete the flaring operation. Use replacement blades. sku 67490.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
23434 1 EACH	Eupen Cable USA WSPTC50B1/2X 5 yrs.	Cable Stripper 1/2" Flex 1/2" flex stripper	260.00 0.53 0.24	169.00 156.00 143.00
29097 1 EACH	Lemco Tool Corp. WPFT-1/2 2 Years	Prep tool for Eupen 1/2" cable using Eupen connectors.	236.60 1.35 0.61	187.86 176.51 166.57
67490 1 EACH	Lemco Tool Corp. CPT-BKW 2 Years	Replacement blade kit for WPT series cable prep tool for Eupen 1/2" cable.	66.00 0.2 0.09	52.41 49.24 46.47
440099 1 EACH	Eupen Cable USA WSPTC50AV1/2 1 year	Connector installation tool for 1/2" corrugated cable.	411.30 2 0.91	267.34 246.78 226.21
67829 1 EACH	Eupen Cable USA WSPTC50AV7/8 1 year	Connector installation tool for 7/8" corrugated cable.	406.45 2 0.91	264.20 243.87 223.55

Time Microwave Cable Preparation Tools

Preparation tools for Times Microwave foam dielectric cables.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
59664 1 EACH	Times Microwave ST-400C 5 YEARS.	Stripping tool for LMR400 cable for attachment of all clamp and solder connectors.	85.00 0.5 0.23	62.05 59.50 58.65
98057 1 EACH	Times Microwave ST-500C 5 Years	Stripping tool for LMR500 cable for attachment of all clamp and solder connectors.	85.00 0.5 0.23	62.05 59.50 58.65
46450 1 EACH	Times Microwave ST-600C 5 Years	Stripping tool for LMR600 cable for attachment of all clamp and solder connectors.	85.00 0.32 0.15	62.05 59.50 58.65

CommScope Coring Tools

These easy-to-use cable prep tools for Cell Reachcabl ensure a fast and consistently reliable connectorizatior The tool consists of two parts: a coring tool which removes the foam from the center of the cable and trims the outer conductor, and a stripping tool which removes the jacket. The self-gauging feature guarantee proper trim dimensions and pin depth. The coringtool can be used by hand or with a power drill (Dewalt sk 70713 recommended).

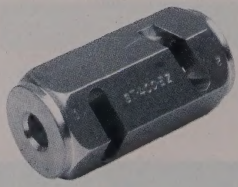
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 416347 1 EACH	CommScope, Inc. 540AUCT 5 years	COMMSCOPE Coring Tool for installing 540 ADM connectors on 1/2" Cell Reach cable.	250.00 0.75 0.34	200.00 195.00 187.50
NEW 476369 1 EACH	CommScope, Inc. 540UCT 5 years	COMMSCOPE Coring Tool for installing 540 ADM connectors on 1/2" Cell Reach cable.	250.00 0.75 0.34	200.00 195.00 187.50
11976 1 EACH	CommScope, Inc. 1070CT 5 yrs.	For 7/8" Cell Reach	265.00 0.75 0.34	212.00 206.70 198.75

Cable Prep Tools for RFS Rapid Fit Conn.

Radio Frequency Systems cable preparation tools pre pare copper corrugated cable for attachment of Rapi Fit, one piece connectors. The tool cuts through the copper outer conductor and foam dielectric, leaving th center pin at the correct length for connector attach ment. The tool also performs the flaring of the outer conductor from the dielectric. Other manufactures require a second tool for this process.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
490025 1 EACH	RFS Cablewave 15568106 1 Year	For use with Rapid Fit, one piece connectors LCF12-50 cable.	54.00 1 0.45	53.19 52.65 52.38
423014 1 EACH	RFS Cablewave 15573602 1 Year	For use with Rapid Fit, one piece connectors 7/8" cable.	58.00 0.5 0.23	57.13 56.55 56.26
439149 1 EACH	RFS Cablewave 15578320 1 Year	Drill Mounted Prep Tool for Rapid Fit connectors for 1 5/8" cable.	192.00 1.8 0.82	189.12 187.20 186.24

Stripping Tools for Times LMR Cables



New cable preparation tools that prepares LMR cabl forconnector attachment. The use of the tool resultsi repeatable, high quality installs in less than5 minutes. On the end of the tool is a stripping head which is rotated around the cable to remove the cablejacket t the correct dimensions for connector attachment.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
39759 1 EACH	Times Microwave ST-400EZ 5 Years	Stripping tool for LMR-400 cable for attachment of EZ-400-NMH connectors.	85.00 0.5 0.23	62.05 59.50 58.65
NEW 97526 1 EACH	Times Microwave 3190-421 5 Years	Replacement blades for LMr400 and LMR600 stripping tools.	45.00 0.5 0.23	32.85 31.50 31.05
14300 1 EACH	Times Microwave ST-600EZ 5 Years	Stripping tool for LMR-600 cable for attachment of EZ-600-NMH connectors.	85.00 1 0.45	62.05 59.50 58.65
91086 1 EACH	Times Microwave ST-900/1200C 5 Years	Stripping tool for LMR-900 and LMR-1200cables for attachment of all clamp connectors.	100.00 0.9 0.41	73.00 70.00 69.00
69074 1 EACH	Times Microwave ST-1700-C 5 Years	Stripping tool for LMR-1700 cables for attachment of all clamp connectors.	115.00 1 0.45	83.95 80.50 79.35

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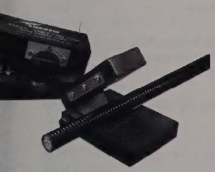
ndrew Automated Tools

Choose the Andrew Automated Preparation Tool for the specified cable. Simply insert the tool into a reversible drill; close the chuck and strip your cable. The procvess is as easy as 1-2-3. USA

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1138 ACH	Andrew Corporation CPT-L1 1 Year	Automated tool compatible with LDF1 1/4" connectors only.	200.00 1 0.45	143.00 132.00 121.00
6169 ACH	Andrew Corporation CPT-E2L2DIN 1 Year	Automated tool compatible with 3/8" DIn connectors only.	200.00 1 0.45	143.00 132.00 121.00
8126 ACH	Andrew Corporation CPT-L4ARC1 1 Year	Automated prep tool for LDF4-50A 1/2" Cables.	200.00 1 0.45	143.00 132.00 121.00
8138 ACH	Andrew Corporation CPT-E2L2N 1 Year	Automated tool compatible with 3/8" N connectors only.	200.00 1 0.45	143.00 132.00 121.00
7183 ACH	Andrew Corporation CPT-L45RC 1 Year	Automated prep tool for LDF4.5 5/8" Cables.	200.00 0.95 0.43	143.00 132.00 121.00
EW 6134 ACH	Andrew Corporation CPTL5A 1 Year	Automated prep tool for LDF5 7/8" Cables.	275.00 1.1 0.5	196.63 181.50 166.38
8183 ACH	Andrew Corporation CPTL7 1 Year	Automated prep tool for LDF6 1-5/8" Cables.	300.00 1.8 0.82	214.50 198.00 181.50
3135 ACH	Andrew Corporation CPT-F4 1 Year	Automated tool compatible with FSJ4 version 2 connectors only.	210.00 0.72 0.33	150.15 138.60 127.05
2131 ACH	Andrew Corporation CPTL6 1 Year	Automated prep tool for LDF6 1-1/4" Cables.	275.00 1.5 0.68	196.63 181.50 166.38
EW 8113 ACH	Andrew Corporation CPT-BKS1 1 Year	Replacement Blade Kit for EASIAX automated cable prep tools.	90.00 1 0.45	64.35 59.40 54.45
EW 9148 ACH	Andrew Corporation CPT-HANDL 1 Year	Manual Handle 1/4" - 5/8"	20.00 1 0.45	14.30 13.20 12.10

ASIAX Cable Prep Tools



EASIAX precision cutting tool is the only cuting tool made exclusively for HELIAX coaxial cable. Cuts precisely at crest of cooper corrugation at the exact distance required for easy connector attachment. Clean cut makes flaring easier. Preecise blade depth makes it impossible to cut inner conductor. Consistent cuts every time.

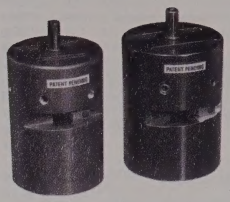
inuing product table (1 of 2)

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 0164 ACH	Andrew Corporation MCPT-1412 1 Year	For FSJ1 & 4, ETS1 & 4 & RXL1-Series 1/4"&& 1/2" Superflex cables & Radiax cable. Will not work with FSJ1RN, FSJ4RN or RXL1-1RNT cables. Cuts Jacketing and outer conductor.	30.00 0.5 0.23	21.45 19.80 18.15
8107 ACH	Andrew Corporation 241372 1 Year	For FSJ1, FSJ4 & ETS2 Series 3/8" & 1/2" Superflex cables. Also works with LDF1-50, 1/4" foam cable. WILL NOT work with FSJRN cable.	30.00 0.5 0.23	21.45 19.80 18.15

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
410199 1 EACH	Andrew Corporation MCPT-78 1 year	For LDF5, HL5RP-50 & RXL5 series 7/8" foam dielectric cables. Will not work on RXL5- 1,2 or 3) RNT cables. Cuts outer conductor and scores jacket	45.00 0.53 0.24	32.18 29.70 27.23
481156 1 EACH	Andrew Corporation MCPT-L4 1 year	For LDF4, HL4RP-50 & RXL4 series 1/2" foam dielectric cables. Will not work on RXL4- 1,2 or 3) RNT cables. Cuts outer conductor and scores jacket.	30.00 0.53 0.24	21.75 20.25 18.75
446118 1 EACH	Andrew Corporation 209874 30 days	Replacement blades for all EASIAX tools. EASIAX tool for 7/8" cable also requires sku 418127. Five blades per package.	5.00 0.05 0.02	3.58 3.30 3.03
418127 1 EACH	Andrew Corporation 222954 30 days	Replacement blades for 7/8" EASIAX tool. Also requires sku 446118. Five blades per package.	10.00 0.05 0.02	7.15 6.60 6.05

RFS Cable Preparation Tools for Drills



Radio Frequency Systems cable prep tools prepare copper corrugated cable for connector attachment. Attach the tool to your drill and, in one quick step, strip the outer jacket, outer conductor and foam dielectric; then cuts and chamfers the inner conductor to the correct dimensions for quick, consistent and reliable connector attachment.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
431002 1 EACH	RFS Cablewave 921218 1 Year	For LCF78-50 7/8" foam dielectric cable.	125.00 1 0.45	123.13 121.88 121.25
11391 1 EACH	RFS Cablewave 921216 1 Year	For LCF114-50 1 1/4" foam dielectric cable.	129.00 1.68 0.76	127.07 125.78 125.13
49784 1 EACH	RFS Cablewave 921217 1 Year	For LCF158-50 1 5/8" foam dielectric cable.	129.00 1 0.45	127.07 125.78 125.13

Cable Preparation Tools

Radio Frequency Systems cable preparation tools prepare copper corrugated cable for connector attachment. The tool cuts through the copper outer conductor and foam dielectric, leaving the center pin at the correct length for connector attachment. The tool also performs the flaring of the outer conductor from the dielectric. Other manufacturers require a second tool for this process.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
468184 1 EACH	RFS Cablewave 15573603 1 Year	Replacement Blade for Manual Trim Tool 5/8" cable.	12.00 1 0.45	11.82 11.70 11.64
89870 1 EACH	RFS Cablewave 921201 1 Year	For SCF12-50 1/2" high flex coaxial cable.	54.00 1 0.45	53.19 52.65 52.38
38263 1 EACH	RFS Cablewave 921200 1 Year	For LCF12-50 1/2" foam dielectric cable. Spare blades located in handle. Use SKU 84633 for additional sets of spare blades.	54.00 0.5 0.23	53.19 52.65 52.38
76656 1 EACH	RFS Cablewave 921199 1 Year	For UCF78-50 & LCF78-50 7/8" foam dielectric cable.	58.00 0.5 0.23	57.13 56.55 56.26
435093 1 EACH	RFS Cablewave 921273 1 Year	Jacket stripping Tool for LCF78-50 7/8" foam dielectric cable.	125.00 0.85 0.39	123.13 121.88 121.25
473165 1 EACH	RFS Cablewave 15591251 1 Year	Jacket stripping tool for LCF58-50 Coaxial Cable.	58.00 1 0.45	57.13 56.55 56.26
NEW 84633 1 EACH	RFS Cablewave 916281 1 Year	Replacement blades for prep tools(SKU 38263 and 76656)	13.00 0.1 0.05	11.82 11.82 11.82
30984 1 EACH	Ripley CB60 30 Days	RIPLEY replacement blade for the 82591 cable stripper. 2 blades per package.	6.20 0.02 0.01	5.89 5.64 5.41

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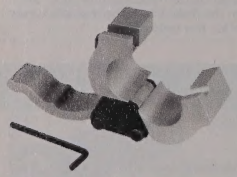
Grounding Kit Strip Tools

Ground Kit Tool removs standard 2 1/4"W cable jacket w/single 360o tool rotation;blade lifts&cuts the jkt & will not damage outer conductor.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 427345 1 EACH	Lemco Tool Corp. GT-158 1 Year	Premium Aluminum Tool for 1 5/8" cables by Andrew, RFS Cablewave, Eupen, NK	185.80 1.55 0.7	147.50 138.58 130.78
NEW 435333 1 EACH	Lemco Tool Corp. GT-158 1 Year	Premium Aluminum Tool for 1 5/8" cables by Andrew, RFS Cablewave, Eupen, NK	185.80 1.55 0.7	147.50 138.58 130.78
NEW 435354 1 EACH	Lemco Tool Corp. GT-78 1 Year	Premium Aluminum Tool for 7/8" cables by Andrew, RFS Cablewave, Eupen, NK	142.40 0.4 0.18	113.04 106.21 100.23
NEW 451347 1 EACH	Lemco Tool Corp. GT-114 1 Year	Premium Aluminum Tool for 1 1/4" cables by Andrew, RFS Cablewave, Eupen, NK	169.00 1.45 0.66	134.19 126.08 118.98
NEW 455396 1 EACH	Lemco Tool Corp. GT-114 1 Year	Premium Aluminum Tool for 1 1/4" cables by Andrew, RFS Cablewave, Eupen, NK	169.00 1.45 0.66	134.19 126.08 118.98
NEW 477343 1 EACH	Lemco Tool Corp. GT-78 1 Year	Premium Aluminum Tool for 7/8" cables by Andrew, RFS Cablewave, Eupen, NK	142.40 0.4 0.18	113.04 106.21 100.23
414186 1 EACH	Andrew Corporation GKT-78 10 Years	Ground Prep Kit Tool for 7/8" Cable	123.35 1.07 0.49	88.19 81.40 74.62
414190 1 EACH	Andrew Corporation GKT-L4 10 Years	Grounding Prep Tool for 1/2" Cable	123.35 1.07 0.49	88.19 81.40 74.62
453108 1 EACH	Andrew Corporation GKT-114 10 Years	Grounding Prep Tool for 1-1/4" Cable	151.80 1.07 0.49	108.53 100.19 91.84
NEW 426139 1 EACH	Andrew Corporation GKT-BKU 30 Days	Blades	45.00 0.5 0.23	32.18 29.70 27.23
448151 1 EACH	Andrew Corporation GKT-158 10 Years	Ground Prep Tool for 1-5/8" Cable	151.80 1.07 0.49	108.53 100.19 91.84
NEW 475393 1 EACH	Andrew Corporation GKT-BK-512 30 Days	Grounding Prep Tool Replacement Blades for Aluminum Cable	45.00 0.2 0.09	32.18 29.70 27.75

Prep Tool for Ground Kit Attachment



Cable preparation tool makes installation of ground kits fast and easy. Just open the tool, attach around the cable and spin. The internal cutting edge slices away the jacket to expose the outer conductor.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
14441 1 EACH	CommScope, Inc. 540MSS 5 Years	For 1/2" Cell Reach Cable only	180.00 0.85 0.39	144.00 140.40 135.00
435098 1 EACH	Times Microwave GST-600A 1 Year	For LMR600 Cable	175.00 1 0.45	136.50 133.00 129.50
499065 1 EACH	RFS Cablewave 916476 5 Years	For Cablewave LCF78-50 or any 7/8" corrugated cable.	150.00 0.8 0.36	147.75 146.25 145.50
66048 1 EACH	CommScope, Inc. 1070MSS 5 Years	For 7/8" Cell Reach Cable Only	180.00 0.75 0.34	144.00 140.40 135.00
51201 1 EACH	Times Microwave GST-900A 1 Year	For use with LMR 900 Cables	175.00 0.65 0.3	136.50 133.00 129.50
424063 1 EACH	RFS Cablewave 916477 5 Years	For Cablewave LCF 114-50 or any 1-1/4" Corrugated Cable	150.00 0.88 0.4	147.75 146.25 145.50

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
70942 1 EACH	Ripley MSES 10 Years	For use with 1-1/4" Cablewave, Eupen, NK or Andrew Cable.	121.05 2 0.91	115.69 110.73 106.25
82006 1 EACH	Times Microwave GST-1200 1 Year	For use with LMR1200 Cables	175.00 1.5 0.68	136.50 133.00 129.50
43905 1 EACH	CommScope, Inc. 1873MSS 10 Years	For use with any 1-5/8" Cell Reach Cable only	290.00 0.98 0.45	232.00 226.20 217.50
36570 1 EACH	RFS Cablewave 916423 5 Years	For Cablewave LCF-158-50 or any 1-5/8" corrugated cable	150.00 0.94 0.43	147.75 146.25 145.50
51206 1 EACH	Times Microwave GST-1700 1 Year	For use with LMR1700 Cables	225.00 2.5 1.14	175.50 171.00 166.50

Connector Installation Kits

Connector tool kits help the technician make connector installation fast and easy. The tools make cable preparation and connector installation a snap.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
18110 1 EACH	Teracom Components Inc. ICST-7160-A0 1 Year	Center pin tightener for DIN connectors.	18.50 0.15 0.07	18.13 18.13 17.86
415068 1 EACH	Teracom Components Inc. CONK-F012-FO 1 Year	Kit for 1/2" Foam cable. Includes Cable Peeler, inner condutor tightener, N to Din 7/16 adapter	91.80 2 0.91	89.93 89.93 88.55
71400 1 EACH	Teracom Components Inc. CONK-S012-B0 1 Year	Kit for 1/2" flex cable. Includes combination open-end spanner wrench, Eupen flanger, open-end wrench for tightening the 7/16 coupling nut, cube tool, cable holders, brush, alcohol and silicone grease. USE WITH NEW 1/2" FLEX CONNECTORS RELEASED FOR SHIPMENT IN July ,1989.	356.00 4 1.82	348.88 348.88 343.54
437058 1 EACH	Teracom Components Inc. CONK-F012-G0 1 Year	Kit for attaching one-piece connectors on 1/2" foam cable. Includes cable holders, combination open-end spanner wrench, cube tool, brush, and silicon grease.	259.00 3 1.36	253.82 253.82 249.94
94896 1 EACH	Teracom Components Inc. ICST-000N-A1 1 Year	Center pin tightener for N type connectors.	16.25 0.15 0.07	15.93 15.93 15.69
31167 1 EACH	Teracom Components Inc. CONK-F078-E0 1 Year	Kit for installing the one-piece connector for 7/8" cable. Kit includes open end-wrench for the 7/16 coupling nut, open-end spanner wrench, Eupen flanger, cube tool, cable holders, brush, alcohol and silicone grease.	320.00 4 1.82	313.60 313.60 308.86
477057 1 EACH	Teracom Components Inc. CONK-F158-AC00 1 Year	Kit for 1 5/8" cable. Includes cable holders, filing jig, cutting jig, cable peeler, inner conductor spanner,hook spanners and brush.	305.00 5 2.27	298.90 298.90 294.32
65959 1 EACH	Teracom Components Inc. CONK-F114-A0 1 Year	Kit for 1 1/4" cable. Includes cable holders, filing jig, cutting jig, cable peeler, inner conductor spanner,hook spanners and brush.	285.00 2 0.91	279.30 279.30 275.02
25887 1 EACH	Teracom Components Inc. CONK-F214-AA00 1 Year	Kit for 2-1/4" cable. Includes cable holders, filing jig, cutting jig, cable peeler, inner conductor spanner,hook spanners and brush.	285.00 5 2.27	279.30 279.30 275.02
44862 1 EACH	Eupen Cable USA SG 5228 1 Year	Cut off ring for use with 7/8" cable.	80.00 1 0.45	79.60 79.20 78.80
41593 1 EACH	Eupen Cable USA SG 5328 1 Year	Cut off ring for use with 1 1/4" cable	152.00 0.25 0.11	151.2 150.4 149.7
54626 1 EACH	Eupen Cable USA SG 6326 1 Year	Cut off ring for use with 2 1/4" cable	152.00 0.25 0.11	151.2 150.4 149.7
28379 1 EACH	Eupen Cable USA SG 5438 1 Year	Cut off ring for use with 1 5/8" cable	152.00 0.25 0.11	151.2 150.4 149.7
67934 1 EACH	Andrew Corporation TB-COMP-KIT 1 Year	Complete Heliax Connector Tool Kit	950.00 45 20.45	679.2 627.0 574.7

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inuing product table (2 of 2)

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
IEW 5131 ACH	Andrew Corporation TB-F14L4-KIT 1 Year	Complete Heliax Connector Tool Kit	304.50 15 6.82	217.72 200.97 184.23

onnector Installation Tools

These installation tools and accessories are used to install Coax Connectors to Foam

nuing product table (1 of 2)

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
197 ACH	Andrew Corporation 224351 1 Year	Tool Box for Heliax Kit	15.00 2.58 1.17	10.73 9.90 9.08
341 ACH	Andrew Corporation 224356 1 Year	Point File	10.00 0.1 0.05	7.15 6.60 6.05
754 ACH	Andrew Corporation 224352 1 Year	Safety Knife Heliax Tool	24.45 0.2 0.09	17.47 16.13 14.78
767 ACH	Andrew Corporation 224354 1 Year	6" Ruler	14.50 0.1 0.05	10.37 9.57 8.78
948 ACH	Andrew Corporation 224355 1 Year	Grease Brush	1.00 0.1 0.05	0.72 0.66 0.61
555 ACH	Andrew Corporation 224353 1 Year	Wire Snips	13.15 0.25 0.11	9.38 8.66 7.94
734 ACH	Andrew Corporation 224390 1 Year	Leather Buffing Strap	8.50 0.1 0.05	6.08 5.61 5.15
127 ACH	Andrew Corporation 224391 1 Year	Emery Cloth	3.00 0.1 0.05	2.15 1.98 1.82
520 ACH	Andrew Corporation 224392 1 Year	Flare Hammer	30.00 0.35 0.16	21.45 19.80 18.15
232 ACH	Andrew Corporation 224393 1 Year	Flat Hammer	10.00 0.5 0.23	7.15 6.60 6.05
625 ACH	Andrew Corporation 224394 1 Year	Beveled Hammer Tip	10.00 0.5 0.23	7.15 6.60 6.05
446 ACH	Andrew Corporation 224358 1 Year	Tapered Drift Punch, 3/4"	10.00 2 0.91	7.15 6.60 6.05
073 ACH	Andrew Corporation 224360 1 Year	Pin Alignment Tool	20.00 0.5 0.23	14.30 13.20 12.10
665 ACH	Andrew Corporation 224361 1 Year	Cutoff Guide 7/32"	15.00 1 0.45	10.73 9.90 9.08
680 ACH	Andrew Corporation 224362 1 Year	Cutoff Guide 8/32"	15.00 1 0.45	10.73 9.90 9.08
2149 ACH	Andrew Corporation 244494 1 Year	Cutoff Guide 9/32"	26.15 1.55 0.7	18.70 17.26 15.83
058 ACH	Andrew Corporation 224363 1 Year	Cable Flare Tool for LDF4	75.00 2 0.91	53.63 49.50 45.38

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
17466 1 EACH	Andrew Corporation 224368 1 Year	Cable Flare Tool for LDF5	75.00 0.3 0.14	53.63 49.50 45.38
21467 1 EACH	Andrew Corporation 224373 1 Year	Cable Flare Tool for LDF6	75.00 2 0.91	53.63 49.50 45.38
27839 1 EACH	Andrew Corporation 224377 1 Year	Soldering Pliers	45.00 2 0.91	32.18 29.70 27.23
85804 1 EACH	Andrew Corporation 224380 1 Year	N Male Pin Depth Gauge	90.00 1.5 0.68	64.35 59.40 54.45
85310 1 EACH	Andrew Corporation 224395 1 Year	N Female Pin Depth Gauge	110.00 1.5 0.68	78.65 72.60 66.55
98098 1 EACH	Andrew Corporation 114468 1 Year	Din Male Pin Depth Gauge	110.00 0.4 0.18	78.65 72.60 66.55
59705 1 EACH	Andrew Corporation 114469 1 Year	Din Female Pin Depth Gauge	120.00 1.5 0.68	85.80 79.20 72.60
488155 1 EACH	Andrew Corporation 241953 1 Year	Chamfer Tool for FSJ4	98.00 0.2 0.09	70.07 64.68 59.29
411104 1 EACH	Andrew Corporation 243398 1 Year	Chamfer Tool for FSJ2	98.00 1 0.45	70.07 64.68 59.29

CABLE 50Ohm Mid-Span Strippers

CABLEMATIC 50 Ohm Mid-Span Stripper, 7/8".Designed for perfect end or mid-span jacket removal on Andrew, RFS, NK, & Eupen 50 Ohm cable.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 410316 1 EACH	Ripley 36809 Lifetime	CABLE 50Ohm Mid-Span Strippers	128.90 1 0.45	123.23 117.95 113.18
NEW 433300 1 EACH	Ripley 36805 Lifetime	CABLE 50Ohm Mid-Span Strippers	169.20 1 0.45	161.76 154.82 148.56
NEW 435393 1 EACH	Ripley 36806 Lifetime	CABLE 50Ohm Mid-Span Strippers	152.50 1 0.45	145.79 139.54 133.90
NEW 452336 1 EACH	Ripley 36812 Lifetime	CABLE 50Ohm Mid-Span Strippers	128.90 1 0.45	123.23 117.95 113.18

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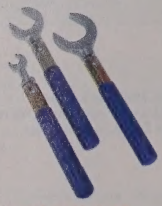
Andrew Cable Recondition/Seperation Tool

Andrew Recondition and Foam Separation Tools for 7/8" through 1-5/8" Coaxial Cables will take a (2) step task into (1) step task by reconditioning the cut edge of the outer conductor to it's original shape and dimension. Seperates the foam from the outer conductor. This Operation forms the cable end for precise entry into standard, Ringflare, and Onepiece connectors and ensures proper connector attachment.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 442391 1 EACH	Andrew Corporation FST-78A 1 Year	Cable Recondition and Foam Separation Tools for LDF5-50A & VXL5-50 cable.	37.00 0.3 0.14	26.46 24.42 22.39
NEW 419383 1 EACH	Andrew Corporation FST-78 1 Year	Cable Recondition and Foam Separation Tools for LDF5-50B & VXL5-50 cable.	37.00 0.3 0.14	26.46 24.42 22.39
NEW 461366 1 EACH	Andrew Corporation FST-114 1 Year	Cable Recondition and Foam Separation Tools for LDF6-50A AND VXL6-50 cable.	37.00 0.3 0.14	26.46 24.42 22.39
NEW 457372 1 EACH	Andrew Corporation FST-158 1 Year	Cable Recondition and Foam Separation Tools for LDF7-50A AND VXL7-50 cable.	37.00 0.3 0.14	26.46 24.42 22.39

Torque Wrenches



Wireless Solutions Torque wrenches an audible click signal to the installer that the connector is tightened to connector manufacturer torque specifications.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 417336 1 EACH	Wireless Solutions TQ-114-F18 1 Year	Torque Wrench for Andrew DIN Coupling connector 18 ft. lbs.	135.70 2.1 0.95	107.75 101.24 95.54
NEW 447389 1 EACH	Wireless Solutions TQ-114-F22 1 Year	Torque Wrench for Andrew LDF5 connector 22 ft. lbs.	135.70 2.1 0.95	107.75 101.24 95.54
NEW 448330 1 EACH	Wireless Solutions TQ-214-F35 1 Year	Torque Wrench for Andrew LDF7 connector 35 ft. lbs.	144.10 2.45 1.11	114.39 107.47 101.42
NEW 462395 1 EACH	Wireless Solutions TQ-114-F18.5 1 Year	Torque Wrench for CommScope DIN Coupling connector 18.5 ft. lbs.	135.70 2.1 0.95	107.75 101.24 95.54
NEW 473356 1 EACH	Wireless Solutions TQ-178-F30 1 Year	Torque Wrench for Andrew LDF6 connector 30 ft. lbs.	144.10 2.2 1	114.39 107.47 101.42
NEW 482372 1 EACH	Wireless Solutions TQ-1116-F18 1 Year	Torque Wrench for Eupen DIN Coupling connector 18 ft. lbs.	128.35 2.1 0.95	101.91 95.75 90.36
447105 1 EACH	Andrew Corporation 244373 1 Year	Andrew 2-5/8" Torque Wrench LDF12	225.00 4.85 2.2	160.88 148.50 136.13
479129 1 EACH	Andrew Corporation 244374 1 Year	Andrew 2-1/4 Torque Wrench LDF7	225.00 2.45 1.11	160.88 148.50 136.13
447185 1 EACH	Andrew Corporation 244372 1 Year	Andrew 3pc Wrench Set. For LDF5, 6, & 7. p/n's: 244459-5, 244459-6, & 2444-7. For 7/8, 1 1/4, & 1 5/8" foam cable connectors.	82.00 2.55 1.16	58.63 54.12 49.61
448119 1 EACH	Andrew Corporation 244375 1 Year	Andrew 1-7/8 Torque Wrench LDF6	225.00 2 0.91	160.88 148.50 136.13

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 422158 1 EACH	Andrew Corporation 247696 1 Year	Andrew 21mm Torque Wrench LDF4	225.00 1.55 0.7	160.88 148.50 136.13
451167 1 EACH	Andrew Corporation 244376 1 Year	Andrew 21mm Torque Wrench LDF4.5	225.00 1.55 0.7	160.88 148.50 136.13
469123 1 EACH	Andrew Corporation 244377 1 Year	Andrew 1-1/4" Torque Wrench Coupling Din	175.00 2 0.91	125.13 115.50 105.88
NEW 436102 1 EACH	Andrew Corporation 245502 1 Year	Andrew 1 1/4" open end wrench for LDF5	31.00 2 0.91	22.17 20.46 18.76
NEW 459114 1 EACH	Andrew Corporation 247698 1 Year	Andrew 1-1/4" Torque Wrench LDF6	225.00 2 0.91	160.88 148.50 136.13
467121 1 EACH	Andrew Corporation 244378 1 Year	Andrew 1-1/4" Torque Wrench LDF5	175.00 2 0.91	125.13 115.50 105.88
468172 1 EACH	Andrew Corporation 244379 1 Year	Andrew 13/16" Torque Wrench Coupling N Connecotrs	175.00 2 0.91	125.13 115.50 105.88

N Torque Wrench

Torque limiting wrench for attaching N connectors on semi-rigid cables. Torque adjustment is on the handle.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
13055 1 EACH	Huber + Suhner 74Z-0-0-193 Lifetime	Type N Torque wrench. 1 Newton/meter torque. 0.787"/20mm across flats.	162.35 0.24 0.11	159.07 157.45 155.82
14682 1 EACH	Huber + Suhner 74Z-0-0-21 Lifetime	SMA Torque wrench. 1 Newton/meter torque. 0.315"/ 8mm across flats.	88.55 2 0.91	86.74 85.86 84.97

Flaring Tools

Ripley's flaring tools for corrugated cables provide a fast, efficient & precise flaring of corrugated cable out conductor from the dielectric. Large plastic screw-driver-type handleprovides extra leverage while rotati the tool.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
26019 1 EACH	Ripley FT-12-50 1 year	RIPLEY flaring tool for 1/2" corrugated cable.	19.05 0.25 0.11	18.21 17.43 16.72
75128 1 EACH	Ripley FT-78-50 1 year	For 7/8" corrugated cable.	26.50 0.25 0.11	25.34 24.25 23.27
70963 1 EACH	Ripley FT-114-50 1 year	For 1 1/4" corrugated cable.	34.70 0.4 0.18	33.14 31.72 30.44
70970 1 EACH	Ripley FT-158-50 1 year	For 1 5/8" corrugated cable.	37.00 0.5 0.23	35.34 33.82 32.46

NEW = New Listing. Pricing for reference on
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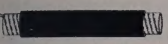
drew Weatherproofing kits



Andrew weatherproofing kits seals and protects connectors, splices and jumper to antenna interfaces from the environment.

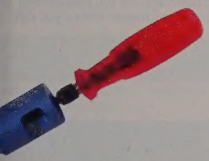
No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
122 CH	Andrew Corporation 241474-4 1 Year	1/2 cable to 1/2" cable with type N connectors.	24.00 0.75 0.34	17.40 16.20 15.00
W 158 CH	Andrew Corporation 241475-9 1 Year	7/8" cable with N or DIN connector 1/2" jumper with N or DIN.	42.30 0.8 0.36	30.66 28.55 26.44
145 CH	Andrew Corporation 241475-8 1 Year	2 1/4" cable with N or DIN connector to 1/2" or 3/8" jumper with N or DIN.	47.90 0.8 0.36	34.72 32.32 29.93

nter Conductor Cleaning Tools

CC-100 and CC-200 remove residual dielectric fromcenter conductors of various size without scratching or nicking. Finger grippers permit application of maximum force.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
163 CH	CommScope, Inc. CCCT-S 90 Days	Center conductor cleaner. Multiple V-shaped cleaning notches. Red handles	68.45 1 0.45	54.76 53.40 51.34
788 CH	Ripley 16722 90 Days	Replacement Blade for CC-100 cleaner.	7.60 0.25 0.11	7.24 6.93 6.65
002 CH	Ripley CC-100 90 Days	Center conductor cleaner. Multiple V-shaped cleaning notches. Red handles	18.85 1 0.45	18.02 17.24 16.55

Quick-Fit" Strippers



Suhner "Quick-Fit" cable stripping tools for foamdielectric corrugated copper tube cables. For easy cable preparation in one single operation. Replacement blades: Sku's 30242 and 68635.

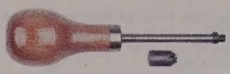
No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 63 CH	Huber + Suhner 74 Z 0-12-15 90 Days	For 1/2" diameter coaxial cables.	274.75 0.75 0.34	269.24 266.49 263.75

ol Bag

Zippered leather bag is just the right size to hold connector attachment tools. Rugged construction.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
15 CH	Times Microwave TP-01 TOOL BAG 1 year	12" x 6" tool bag	30.00 2 0.91	21.90 21.00 20.70

Deburring Tool



PITTSBURGH deburring tool. Locking blade retainer keeps blade in place. Includes 2 blades. Ribbed grip provides control.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
87081 1 EACH	Wireless Solutions 00698-4CJA 30 days	Deburring tool	7.65 0.25 0.11	7.63 7.48 7.25
35229 1 EACH	Times Microwave DBT01 30 days	Deburring tool	50.00 0.25 0.11	36.50 35.00 34.50

Mid-Span Strippers

CABLEMATIC 50 Ohm Commscope Cell Reach Mid-Span Stripper, 1/2" to get perfect end or mid-span jacket removal on CommScope Cell ReachTM cable.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 415315 1 EACH	Ripley 37124 Lifetime	CABLEMATIC 50 Ohm TMW Strippers	128.90 1 0.45	123.23 117.95 113.18
NEW 425323 1 EACH	Ripley 37108 Lifetime	52 Ohm Cell Reach Mid-Span Strippers	128.90 1 0.45	123.23 117.95 113.18
NEW 425352 1 EACH	Ripley 37097 Lifetime	CABLEMATIC 50 Ohm TMW Strippers	128.90 1 0.45	123.23 117.95 113.18
NEW 432302 1 EACH	Ripley 37104 Lifetime	51 Ohm Cell Reach Mid-Span Strippers	128.90 1 0.45	123.23 117.95 113.18
NEW 480328 1 EACH	Ripley 37100 Lifetime	50 Ohm Cell Reach Mid-Span Strippers	169.20 1 0.45	161.76 154.82 148.56
NEW 485312 1 EACH	Ripley 37132 Lifetime	CABLEMATIC 50 Ohm TMW Strippers	169.20 1 0.45	161.76 154.82 148.56
NEW 492337 1 EACH	Ripley 37128 Lifetime	CABLEMATIC 50 Ohm TMW Strippers	152.50 1 0.45	145.79 139.54 133.90

Coax Cable Preparation Tools

RIPLEY Cable Strippers prepares RG58A/U cable for UHF male connectors. Simple two step operation, cannot nick center conductor or leave strands to cause shorts. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
82591 1 EACH	Ripley UT5800 90 Days	RIPLEY cable stripper. Prepares RG58A/U cable for UHF male conn. Simple two step operation, cannot nick center conductor or leave strands to cause shorts.	20.65 0.17 0.08	19.74 18.89 18.13

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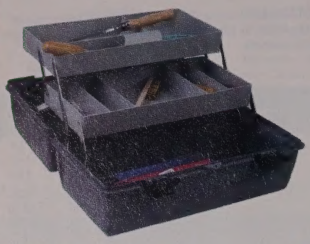
Tools

Cable Preparation Tool Kit



Coax Cable Preparation Kit. Includes the tools you need to prepare larger coax cables for connector installation. Housed in tool box. USA

- 6" English/Metric Stainless Steel Ruler
- Mini Hack Saw
- Safety Knife
- 1/4" Burnishing Tool
- 8" File
- File Handle
- Hair Bristle Dusting Brush
- Center Conductor Cleaner
- 5-1/2" Flush Cutter
- Brass Wire Brush
- Cantilever Tool Box w/tray

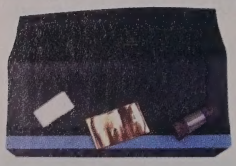
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
22722	Wireless Solutions	Coax Cable Preparation Kit for larger coax cable con-	122.55	86.40
1 EACH	CPTK	nector installation.	2	84.56
	1 Year		0.91	83.34

EUPEN Connector Tool Kit

EUPEN Connector Installation Kit includes the tools you need to prepare and install Eupen connectors on Eupen cable in one kit.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
39764	Eupen	Kit Includes: Hacksaw^Square Point Safety	249.99	249.99
1 EACH	WSTK	Knife^5"Snips^Needlenose Pliers ^6"Diagonal Cut-	9	249.99
	1 Year	ters^6"Stainless Rule^Sealant Adaptor^Silicone Com-	4.09	249.99
		pound^8" smooth cut file^Deburring Tool^3- No-Set		
		Hacksaw Blades^Plastic Bristle Brush^Sealant Sol-		
		vent^Connector Cut-Off Rings (1-1/4" and 1-5/8")^Tool		
		Box with Cantilever Parts Tray^		

RFS Cable Repair Kit



RFS 7/8" cable repair kit is used to mend a small puncture hole in the outer conductor coaxial cable. Comes with copper foil wrap, tape & heat shrink.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
61190	RFS Cablewave	RFS Cable Repair Kit, 7/8" coaxial cable.	154.00	123.20
1 EACH	913782		0.5	115.50
	1 Year		0.23	107.80
75588	RFS Cablewave	RFS 1-1/4" & 1-5/8" Cable Repair Kit to mend small	104.00	83.20
1 EACH	913783	punctures in coaxial cable.	0.5	78.00
	1 Year		0.23	72.80

Coaxial Cable Preparation Kits

RFS Connector Tool Kit all the tools you need to instal RFS connectors on RFS cable.Hacksaw, Hacksaw Blade 6" Ruler, Safety Knife, Needle Nose Pliers, Small/Large Cutting Pliers, Combination Plier, Ball Peen Hammer, Brass Brush, Adjustable Wrench, Hex Key Wrench, Metal Snips, Small/Large Slotted Screwdriver, Phillips Screwdriver, 8" File, Pouch, Cotton Swabs, 3/4", 9/16", 7/8", 15/16", 1 1/8", 1 1/4", 1 3/8", 1 3/4" & 2 1/4" Short Handle Wrench, 1 3/4", 2 1/4", 2 1/2" & 2 5/8" Crow's Foot

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	RFS Cablewave	RFS Connector Tool Kit to install RFS connectors on	675.00	664.88
14238	916147	RFS cable.	25.5	658.13
1 EACH	3 Years		11.59	654.75
37408	Times Microwave	This cable prep tool kit is packed with accessories for	770.00	562.10
1 EACH	TK-01 TOOL KIT	installing connectors on LMR400 & LMR600. Strip	10	539.00
	3 Years	tools,crimp tool w/dies, deburr tool and tool bag.	4.54	531.30

Multipurpose Tools [580-30]

Leatherman Juice XE6

480359

The XE6 is the ultimate Juice, With a slightly thicker chassis than than the others, th XE6 comes equipped with pliers, wire cutters, four screwdrivers, a saw, awl and dia mond-coated file. Includes both straight and serrated knife blades, extremely useful serrated scissors, a corkscrew and can/bottle opener. A lanyard attachment keeps your XE6 nearby.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Leatherman Tool	Purple, 17 tools in all, Anodized Aluminum Handles	114.40	70.50
480359	78105001		0.3	69.56
1 EACH	25 yrs		0.14	68.62

Mini Bear Jaws

88412

2.5" 12 function key ring multi tool. Pliers, lanyard ring, screwdriver, ruler, fil can/bottle opener, punch, knife, wire cutter. Ideal for the executive or techni cians pocket. Never be without your tools no matter where you are.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
88412	Bear Cutlery	12 Function Key Ring Multi Tool. 2.5" long.	40.00	35.40
1 EACH	153CP		0.01	33.32
	Lifetime		0	33.32

Leatherman "Micra" tool

78326

The Micra has 10 useful tools including spring-action scissors. Closing to 2 2" and weighing just 1.75 ounces, the stainless steel Micra is so small you w hardly notice it until you need it. The Micra gives you the convenience you want with the proven quality and reliability of a genuine LEATHERMAN.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
78326	Leatherman Tool	Stainless Steel Micra tool with lanyard attachment.	35.30	21.75
1 EACH	64010101		0.43	21.46
	25 Years		0.2	21.17

NEW = New Listing. Pricing for reference on See TESSCO.com for latest pricing and produ

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eatherman Mini-Tool

64959

The World's smallest multi-purpose tool with full-sized pliers offers nine tools in one and fits in the palm of your hand. Tools include: needle nose pliers, regular pliers, wire cutters, knife, can opener, ruler (in/metric), bottle opener, 1/4" tip screwdriver and metal/wood file. World's smallest multi-purpose tool measures 2-5/8" x 1" x 1/2".

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1959 ACH	Leatherman Tool 62010201 25 Years	Stainless Steel Pocket sized mini- tool with black nylon sheath.	57.20 0.31 0.14	35.25 34.78 34.31

eatherman Crunch Tool

743

The Crunch is a new kind of Leatherman made for the most demanding professional or do-it-yourselfer. It is the only folding tool on the market that offers locking pliers. Other features include: wire cutters, hard wire cutters, knife, file, small/medium/large screwdrivers, hex bit driver, wire stripper, lanyard attachment, ruler, and bottle opener. It all comes in a six ounce tool that folds down to the same length as the original Leatherman PST.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
743 ACH	Leatherman Tool 68010101 25 Years	Stainless Steel Pocket Survival Tool with locking pliers and leather pouch.	119.25 0.55 0.25	73.50 72.52 71.54
922 ACH	Leatherman Tool 68010201 25 Years	Stainless Steel Pocket Survival Tool with locking pliers and nylon pouch	119.25 0.55 0.25	73.50 72.52 71.54

eatherman Pocket Survival Tool

13089

Original Leatherman is a compact tool chest you can hold in your hand. 12 essential tools in one multi-tool. Inlcudes needle nose plier, wire cutter, clip point knife, metal/wood file, 8 inch ruler, can/bottle opener, small and medium flat blade screwdrivers, phillips screwdriver, awl/punch. 4" long in closed position, 6-1/4" open.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
089 ACH	Leatherman Tool 61010101 25 Years	Stainless Steel Pocket Survival Tool with leather sheath.	70.60 0.43 0.2	43.50 42.92 42.34
482 ACH	Leatherman Tool 61010201 25 Years	Stainless Steel Pocket Survival Toolwith black nylon sheath.	70.60 0.45 0.2	43.50 42.92 42.34

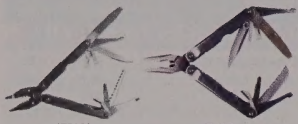
eatherman Pocket Survival Tool II

1745

PST II is another great tool from Leatherman. And it fits in your hand! 15 essential tools in one multi-tool. Includes Needlenose pliers, wire cutter, regular pliers, hard wire cutter, small- medium- large- and phillips (#1/#2) screwdrivers, straight/serrated knife, diamond-coated file, cross-cut file, sharpener, 8" ruler, bottle/can opener and scissors in nylon or leather sheath.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
745 ACH	Leatherman Tool 61070201 25 Years	Stainless Steel PST II Pocket Survival Tool II in nylon sheath.	75.45 0.31 0.14	46.50 45.88 45.26
138 ACH	Leatherman Tool 61070101 25 Years	Stainless Steel PST II Pocket Survival Tool II in leather sheath	75.45 0.45 0.2	46.50 45.88 45.26

Bear Jaws



475182 88430

13 function locking multi tool. Pliers, lanyard ring, 3 screwdrivers, ruler, file, can/bottle opener, punch, knife, serated knife, wire cutter, and more. Patented "I-Beam" construction for strength and durability. Access all components without first having to open the plier jaws. Thick, rounded handles for a firm, comfortable grip when using the pliers.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
475182 1 EACH	Bear Cutlery 155EL Lifetime	13Function Locking Multi Tool. With wire striping head	43.20 0.02 0.01	38.20 35.96 35.96
88430 1 EACH	Bear Cutlery 155L Lifetime	13 Function Locking Multi Tool.	65.00 0.01 0	57.53 54.15 54.15

Leatherman Wave

55313

The Wave is the next generation in multitools with the most features of any Leatherman tool. Easy access to four external locking blades. Rounded handles for user comfort. Includes: Needlenose pliers, regular pliers, wire cutters, hard-wire cutters, clip-point knife, serrated knife, diamond-coated file, wood saw, scissors, extra small, medium, and large screwdrivers, phillips screwdriver, can/bottle opener, wire stripper, and lanyard attachment.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
55313 1 EACH	Leatherman Tool 67010201 25 Years	Wave Next Generation Multitool with the most features of any Leatherman tool. Satin finish stainless steel. Includes Nylon case.	121.70 0.65 0.3	75.00 74.00 73.00

Leatherman Wave

429001

Leatherman Wave tool adapter with case and 6, 1/4" hex bits. #0 and #3 phillips, #1 and #2 square, #15 torx and #8-10 slotted. FITS ONLY WAVE TOOL.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
429001 1 EACH	Leatherman Tool 65070301 1 year	Wave Adapter includes: #0, #3 phillips; #1, #2 square, #15 torx, #8-10 slotted	34.10 0.25 0.11	21.00 20.72 20.44

Knives and Scrapers [580-31]

If you are buying these, you might need:

Coaxial Cable and Transmission Line . . . . . page 368

Precision Knife

21119 50904 96929

79358

Precision hobby knife with six different blade shapes.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
17904 1 EACH	Wireless Solutions 68-083 1 Year	Three knife set. Includes lightweight, medium weight, & heavy duty knives ("Xacto" style). Plastic case holds all three.	29.00 1 0.45	29.00 26.83 26.10
21119 1 EACH	Grobet 39.267 1 Year	Three knife set. Includes lightweight, medium weight, & heavy duty knives ("Xacto" style). Plastic case holds all three.	12.95 0.31 0.14	12.95 11.98 11.66

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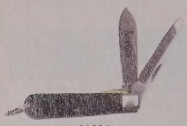
Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30605 5 PACK	Xcelite XNB205	Pointed replacement blade for close corner cuts on templates, mates, gaskets. Also trims,strips, and performsde-burring. Fits XN-200/210/220/300	2.60 0.03 0.01	2.15 1.99 1.85
50904 1 EACH	GC/Waldom 12-007 90 days	13pc precision knifekit.	18.05 0.65 0.3	16.82 15.65 15.31
96929 5 PACK	Xcelite XNB103	Fine pointed blade for most detailed cutting and stripping. Fits XN-100.	2.60 0.1 0.05	2.15 1.99 1.85
79358 1 EACH	Xcelite XN100 90 days	Thin sized knife with 1 fine point blade.	2.85 0.32 0.15	2.35 2.17 2.02
27751 1 EACH	Xcelite XN200 90 days	Medium sized knife with 1 fine point blade.	4.35 0.32 0.15	3.62 3.34 3.10

Electricians Knife



91004

XCELITE electrician's knife. Both a knife and screwdriver. Screwdriver blade has sharp edge for scraping insulation.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
91004 1 EACH	Xcelite K22 1 Year	Xcelite 2 Blade Electricians Knife	25.00 0.31 0.14	20.11 19.99 19.74

Professional Lockback Knives

88642

Folding lockback knife with a Zytel interior frame encapsulated in a knife handle containing a Kraton Polymer. Blade is made of 440 rust resistant steel. Includes ballistic cloth sheath. Choose smooth or serrated blade.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
88642 1 EACH	Bear Cutlery 445 Lifetime	3-5/8" Smooth blade lockback. Zytle handle	24.75 0.3 0.14	21.91 20.62 20.62

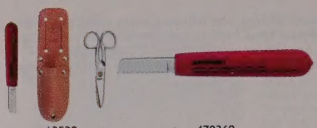
"One-Hander" Lock Back Knives

Folding lockback knife with a Zytel interior frame encapsulated in a knife handle containing a Kraton Polymer. Blade is made of 440 rust resistant steel. Includes pocket clip. Choose smooth or serrated blade.

- Includes stainless steel clip for pocket, belt or vest
- Designed for easy one-hand openning

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
88648 1 EACH	Bear Cutlery 402 Lifetime	3-5/8" Smooth blade lockback. Zytle handle with pocket clip.	28.50 0.4 0.18	25.23 23.75 23.75
88658 1 EACH	Bear Cutlery 402SR Lifetime	3-5/8" Serrated blade lockback. Zytle handle with pocket clip.	29.25 0.4 0.18	25.89 24.37 24.37
88704 1 EACH	Bear Cutlery 401 Lifetime	4-1/2" Smooth blade lockback. Zytle handle with pocket clip.	31.50 0.4 0.18	27.88 26.24 26.24
88711 1 EACH	Bear Cutlery 401SR Lifetime	4-1/2" Serrated blade lockback. Zytle handle with pocket clip.	32.25 0.4 0.18	28.55 26.87 26.87

Cable Splicer's Kit



13539 470369

Complete, compact cable splicing kit contains a cable splicer's knife, electricians scissors, and slotted leather holder for belts up to 2" wide.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
13539 1 EACH	Klein Tools, Inc. 46037 Lifetime	3 piece cable splicer's kit	56.30 1 0.45	31.86 28.91 28.13
NEW **470369** 1 EACH	Klein Tools, Inc. 44200 Lifetime	KLEIN Cable-Splicer, 1-3/4" blade length, 6-1/4" overall length.	24.05 1 0.45	13.60 12.34 12.01

Utility Knives and Blades

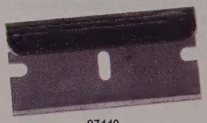
16970 22602 84146

All purpose steel knife with retractable blade. 4 position easy-slide system. Red enamel finish.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
16970 1 EACH	Wiss WK-8V 1 Year	Utility Knife	4.40 0.44 0.2	3.49 3.45 3.38
22602 1 EACH	Klein Tools, Inc. 44100	Lightweight Aluminumhandle shaped for comfort. With 3 blades. Extrablades store in handle.	10.00 0.2 0.09	5.65 5.13 4.99
60140 5 PACK	Wiss RWK-14V 30 days	REPLACEMENT BLADES for 16970. 5 per card. .025 thick, pointed.	1.25 0.1 0.05	0.98 0.97 0.95
60677 1 EACH	Major Packaging Products BG-142 1 Year	Square point safety knife for installing connectors.	26.00 1 0.45	14.70 13.34 12.98
84146 5 PACK	Wiss RWK-16V 1 Year	REPLACEMENT BLADES for standard and Wiss quick change knives. Hooked pattern. Great for carpet cuts.	3.00 0.1 0.05	2.39 2.36 2.31

Window Scraper

37525 72612 70380



97440

All purpose window scraper removes stickers, antennas, and paint from glass surfaces. (not foruse on plastic coated windows). Locks into 3 positions. Cutting blade folds into handle for safe storage. Uses single edge razor blades.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37525 1 EACH	K-D Tools 31-500C 1 yr	All purpose window scraper.	5.45 0.1 0.05	5.25 5.23 5.17
72612 1 EACH	K-D Tools 2106 1 yr	All purpose window scraper.	8.30 0.1 0.05	8.03 7.99 7.90
70380 100 PACK	Wireless Solutions 70380 1 yr	Single edge razor blades. 100 pk.	22.30 0.75 0.34	18.66 18.41 17.90
97440 5 PACK	K-D Tools 2106-75 1 yr	Single edge razor blades. 5/pk.	2.70 0.06 0.03	2.60 2.59 2.56

NEW = New Listing. Pricing for reference only. See TESSCO.com for latest pricing and product
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utty Knife/Scraper

34219

Stiff tempered steel blade for scraping. Blade isground to a mirror finish.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
219 ACH	K-D Tools 2425 90 days	1-1/4" blade putty knife scraper	5.15 0.1 0.05	4.97 4.95 4.89

HA Ergo Grip Razor Edged Scraper

470319

WIHA SoftFinish Ergo Grip Razor Edged Scraper With 10 Stainless Steel Blades

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 319 ACH	Wiha Tools 43090 Lifetime	WIHA SoftFinish Ergo Grip Razor Edged Scraper With 10 Stainless Steel Blades	14.00 0.22 0.1	10.92 10.60 10.32

CHOLSON MACHETE

Fully polished, high carbon steel blade machete with high-impact, contour handle. Blade clear-coated to resist corrosion. Textured handle.

1318

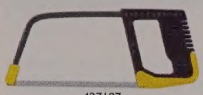
No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 375 CH	Nicholson MP12718 Lifetime	Fully polished, 18" high carbon steel blade Machete	6.80 0.92 0.42	5.67 5.23 4.86
W 391 CH	Nicholson MS12718 Lifetime	Black machete Sheath	3.75 0.11 0.05	3.12 2.88 2.67
W 318 CH	Nicholson MP12724 Lifetime	24" Fully polished, high carbon steel blade machete.	10.20 1.5 0.68	8.50 7.85 7.29
W 382 CH	Nicholson MS12724 Lifetime	Black machete Sheath	5.10 0.12 0.05	4.25 3.93 3.65

Saws [580-32]

If you are buying these, you might need:

Coaxial Cable and Transmission Line ..... page 368
Power Drills ..... page 1515
Drill and Driver Accessories ..... page 1517
Power Saws ..... page 1522

Mini Hack Saw



427187

Ideal mini hack saw for small jobs and especially suited for cutting the corrugation from "hardline" coaxial cables. Includes 6" blade.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 427187 1 EACH	Wireless Solutions 865-218 90 Days	Junior Hacksaw	6.00 1 0.45	5.50 5.45 5.39
NEW 450194 1 EACH	Jensen Tools 865-905 90 Days	Replacement blade for Jensen Junior Hacksaw	2.45 0.03 0.01	2.25 2.23 2.21

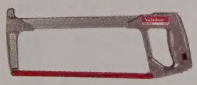
Heavy Weight Hacksaw

45289

Heavy weight hacksaw reduces fatigue and permits one hand cutting where necessary. Blade converts easily from vertical to horizontal cutting position. Strong tubular steel frame. Pivot action front-end with slotted tensioning rod permits maximum tightening of blade.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
45289 1 EACH	Klein Tools, Inc. 701-10 1 Year	Heavy weight hacksaw with 10" blade. 14" overall length	41.10 3 1.36	23.26 21.11 20.54

High tension Hack Saw



73806

Rugged, lightweight frame built for professional tool users. Use Nicholson Bi-Metaloy and achieve a remarkable improvement in cut-off performance- no blade twist, reduced binding, square cuts, better finish. Cuts faster through the toughest materials,& blades last longer. The secret is a screw operated lever with folding handle up to 30,000 psi (ordinary frames may give you up to 15,000 psi maximum). The higher the tension reading, the greater the blade beam strength and cutting results.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 61682 10 PACK	RFS Cablewave 916149 none	package of 10 blades, unpainted, 32 teeth per inch (teeth are inline, not cross cut), blades are 10" long	35.00 1 0.45	34.48 34.13 33.95
73806 1 EACH	Nicholson 80965 1 Year	No.12P high tension adjustable hacksaw frame with 12" blade.	38.50 2 0.91	32.04 29.58 27.46
NEW 495169 1 EACH	Nicholson 62826 30 days	Replacement blades for Nicholson 80965.Length 12", width 1/2", gauge .025", teeth per inch 18. Set type raker.	3.65 0.14 0.06	3.02 2.79 2.59
431177 1 EACH	Nicholson 62839 30 days	Replacement blades for Nicholson 80965.Length 12", width 1/2", gauge .025", teeth per inch 32. Set type wavy. 2 pack	3.65 0.04 0.02	3.02 2.79 2.59

Flat files

26183

Flat files are used by machinists, machinery builders, repair men and others who require rapidremoval of metal. They are rectangular in cross section and taper slightly towards point in width. Double cut on both sides, single cut on both edges.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
26183 1 EACH	Nicholson 03632 1 Year	Smooth cut pattern. Weighs .33 (lbs) . Length: 8".	10.70 0.33 0.15	8.92 8.23 7.64

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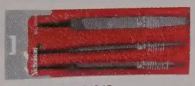
3 File Pack



26265

3 File Set includes common files for professionaluse. 6" triangular slim taper file, 6" round file, 6" mill bastard file in handy plastic pouch.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
26265 1 EACH	Nicholson 22015 1 Year	3 File Set 6" files.	15.90 1 0.45	13.23 12.22 11.34

Needle File Set

33026

Selection of 6 needle files. 5-1/5" long in Equaling, round, half-round, square, tri-square, and flat files. Fine cut for intricate work.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
33026 1 EACH	Grobet MASCOT 14CM 1 Year	6 pc assorted needle files	30.20 0.75 0.34	30.20 27.94 27.18

Wooden File Handles

64658

13051

Seasoned white birch file handles with nickle plated ferrules.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
64658 1 EACH	Nicholson 21524 1 Year	No 2 File Handle for 6 & 8" files.	2.20 0.1 0.05	1.84 1.70 1.58
13051 1 EACH	Nicholson 21520 1 Year	No 4 File Handle for 4 & 6" files.	1.90 0.1 0.05	1.55 1.43 1.33

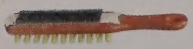
Plastic File Handle with Inserts

89837

Plastic file handle made of high impact plastic. Includes 4 interchangeable cushion inserts to fitmost files. Non-slip textured finish.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
89837 1 EACH	Nicholson 21474 1 Year	Plastic file handle with 4 inserts	3.80 0.25 0.11	3.15 2.91 2.70

File Cleaner

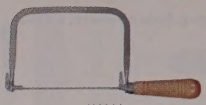


35413

This file card and brush is for general cleaning of file teeth to remove deposits and filing residue. Especially helpful when you've been filing soft metals. 10" length.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
35413 1 EACH	Nicholson 21467 30 days	File card and brush.	17.35 0.42 0.19	14.43 13.32 12.37

Coping Saw



411164

Nicholson Coping Saw. Throat opening permits cuts up to 4 1/4". Spring steel, rounded edge frame with polished finish. Adjustable angle blade, straight handle.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 411164 1 EACH	Nicholson 80176 30 days	Coping saw with 6 1/2" blade, straight handle	10.20 1 0.45	8.48 7.83 7.27

Staple Guns and Staples [580-33]

Insulated-Staple Staple Gun

The exclusive design of the Arrow T-59 staple gunand insulated staples allow safe and secure installation of all types of wiring and cable from 1/4" to 5/16" diamter. The insulated staple with it's special coating increases holding powerby ove 3 times over normal wire tackers.

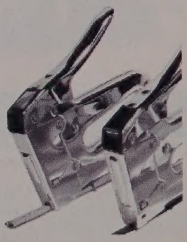
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
81457 1 EACH	Arrow Fastener Co T59 1 Year	Loads insulated staples with 1/4" to5/16" crown. Holds 30 insulated staplesWorks on cables up to RG8 size.	50.00 2.17 0.99	50.00 40.61 40.61
68243 1 EACH	Arrow Fastener Co 5911BL	Black Insulated staples for use withT-59 staple gun.	7.35 0.33 0.15	7.35 5.55 5.48

Staple Gun

Safety, speed and efficiency are built in performance factors that have made Arrow Staple Gun Tackers, the preferred fas tening tools of professional wire & cable installation men. Fe tures include: all-steel construction, chrome finish, grooved guide & driving blade, tapered striking patented jam-proof mechanism, and short span, easy compression handle.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
88207 1 EACH	Arrow Fastener Co T18 1 Year	Loads 85 T-18 staplewith 3/16"crown- divergent point of .05 wire in 3/8, and 7/16" leg lengths. for TELEPHONE WIRE.	43.75 2.5 1.14	43.75 33.04 32.60
95276 1 EACH	Arrow Fastener Co T25M 1 Year	Loads 85 T-25 staplewith 1/4" crown divergent point of .05 wire in 9/32, 3/8, 7/16, 9/16 leglengths.	43.75 2.5 1.14	43.75 33.04 32.60
43669 1 EACH	Arrow Fastener Co T37 1 Year	Loads (85) T-37 staples with 5/16" crown-divergent, pointof .05 wire in3/8", 1/2", & 9/16" leg lengths. WORKS ON RG8 sized cables.	43.75 2.25 1.02	43.75 33.04 32.60

Heavy Duty Staple Guns



Heavy duty staple gun tacker features: chrome finish, all-steel construction, high carbon hardened steel working parts, visual refill window, patented jam proo mechanism and easy double-leverage operation.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
67599 1 EACH	Arrow Fastener Co T50M 1 Year	Loads (85) T-50 staples only of .05 wire in 5 sizes: 1/4", 5/16", 3/8", 1/2", 9/16". FLAT staples.	31.00 2.5 1.14	31.0 23.4 23.1

TESSCO TECHNOLOGIES

NORTH AMERICA 800-472-7373
REST OF WORLD +1 410-229-1200
FAX 410-527-0005
WWW.TESSCO.COM

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taples for ARROW Staple Guns

Staples for use in Arrow brand staple guns. Made of .050 wire. The T-18 staples have 3/16" crown for wires up to 3/16" diameter. The T-25 staples have 1/4" crown for wires up to 1/4" in dia. The T-37 staples have 3/8" crown for wires to 5/16" diameter. T-50 staples are flat top 1/2" across.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
3139 ACH	Arrow Fastener Co 186	T-18 staples, 3/8" 10mm length.	2.15 0.32 0.15	2.15 1.75 1.75
4166 ACH	Arrow Fastener Co 187	T-18 staples, 7/16" 11mm length.	2.15 0.32 0.15	2.15 1.75 1.75
5883 ACH	Arrow Fastener Co 25932	T-25 Staples: 9/32" 9mm long.	2.15 0.22 0.1	2.15 1.75 1.75
1704 ACH	Arrow Fastener Co 256	T-25 Staples: 3/8" 10mm long.	2.15 0.32 0.15	2.15 1.75 1.75
0097 ACH	Arrow Fastener Co 257	T-25 Staples: 7/16" 11mm long.	2.15 0.36 0.16	2.15 1.75 1.75
3490 ACH	Arrow Fastener Co 259	T-25 Staples: 9/16" 14mm long.	2.25 0.39 0.18	2.25 1.83 1.83
9455 ACH	Arrow Fastener Co 376	T-37 Staples: 3/8" 10mm long	2.30 0.38 0.17	2.30 1.87 1.87
2062 ACH	Arrow Fastener Co 378	T-37 Staples: 1/2" 12mm long.	2.45 0.47 0.21	2.45 1.99 1.99
7241 ACH	Arrow Fastener Co 379	T-37 staples: 9/16" 14mm long.	2.75 0.47 0.21	2.75 2.24 2.24
2420 PACK	Arrow Fastener Co 504	T-50 Staples: 1/4" long.	2.50 0.5 0.23	2.50 2.04 2.04
9813 ACH	Arrow Fastener Co 506	T-50 Staples: 3/8" 10mm long.	3.05 0.5 0.23	3.05 2.48 2.48
0027 ACH	Arrow Fastener Co 508	T-50 Staples: 1/2" 12mm long.	3.15 0.5 0.23	3.15 2.57 2.57
9206 ACH	Arrow Fastener Co 509	T-50 Staples: 9/16" 14mm long.	3.40 0.5 0.23	3.40 2.76 2.76
2999 ACH	Arrow Fastener Co 7510	T-75 staples: 5/8 " 16mm long.	5.80 0.75 0.34	5.80 4.71 4.71

eavy Duty Professional Rivet Gun

Heavy duty professional rivet tool. All steel construction with comfortable vinyl handles. Spring loaded handle for easy rivet ejection. Extended nose for hard to reach places. Includes 4 nose adapters to handle 3/32, 1/8, 5/32 and 3/16" rivets.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
985 ACH	Arrow Fastener Co RH200 1 Year	Rivet Tool for 3/32, 1/8, 5/32, and 3/16 rivets.	22.25 1.5 0.68	22.25 16.80 16.58

Rivets

Rivets are available in steel and aluminum. Steelrivets are stronger than aluminum. Use aluminum for lighter weight jobs and materials such as aluminum, plastic, fabrics, leather etc. Do not use aluminum rivets on steel substrates.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
81094 25 PACK	Arrow Fastener Co RSS1/8 1 Year	Diameter: 1/8", Grip Range: 1/8", Steel.	1.45 1 0.45	1.45 1.20 1.20
29487 20 PACK	Arrow Fastener Co RMS1/8 1 Year	Diameter: 1/8", Grip Range: 1/4", Steel.	1.45 0.2 0.09	1.45 1.20 1.20
55915 20 PACK	Arrow Fastener Co RMA1/8 1 Year	Diameter: 1/8", Grip Range: 1/4", Aluminum.	1.45 0.2 0.09	1.45 1.20 1.20
42701 15 PACK	Arrow Fastener Co RLA1/8 1 Year	Diameter: 1/8", Grip Range: 1/2", Aluminum.	1.45 0.2 0.09	1.45 1.20 1.20
67880 15 PACK	Arrow Fastener Co RLS1/8 1 Year	Diameter: 1/8", Grip Range: 1/2", Steel.	1.45 1 0.45	1.45 1.20 1.20
16273 15 PACK	Arrow Fastener Co RMA3/16 1 Year	Diameter: 3/16, Grip Range: 1/4", Aluminum.	1.45 0.2 0.09	1.45 1.20 1.20
54666 12 PACK	Arrow Fastener Co RLA3/16 1 Year	Diameter: 3/16, Grip Range: 1/2", Aluminum.	1.45 0.2 0.09	1.45 1.20 1.20
79845 40 PACK	Arrow Fastener Co WS1/8 1 Year	1/8" rivet washers. Steel.	1.45 0.2 0.09	1.45 1.20 1.20
93059 30 PACK	Arrow Fastener Co WA1/8 1 Year	1/8" rivet washers. Aluminum	1.45 0.2 0.09	1.45 1.20 1.20
41452 30 PACK	Arrow Fastener Co WA3/16 1 Year	3/16" rivet washers.Aluminum	1.45 0.2 0.09	1.45 1.20 1.20

Glue Guns [580-34]

Glue Guns and Glue Sticks

54385 92778 21288 15992

These glue guns feature: clutch mechanism that prevents glue backup, interchangeable nozzle, a check valve that controls glue flow, a high volume melt chamber for fast and stedy even application, a solid state P.T.C heating systemm that develops heat quicker and holds temperature for smooth consistent bonding and a re-usable storage box.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
32910 12 PACK	Wireless Solutions GSB10 -	10" all-purpose gluesticks for hot melt glue guns. 12 per pack. Black	8.50 0.8 0.36	6.80 6.72 6.63
54385 12 PACK	Arrow Fastener Co AP10 -	10" all-purpose gluesticks for hot melt glue guns. 12 per pack. Clear	8.95 0.75 0.34	8.94 6.75 6.66
68803 12 PACK	Wireless Solutions HDG5 -	10" high resin glue sticks for hot melt glue guns. Use wherehigh strength bonds are required. Natural color.	8.50 1 0.45	6.80 6.72 6.63
92778 24 PACK	Arrow Fastener Co BAP5 -	4" all purpose glue sticks for hot melt glue guns. 24 per pack. Clear	7.50 0.8 0.36	7.50 5.67 5.59
21288 1 EACH	Arrow Fastener Co TR400 90 Days	Automatic trigger feed glue gun.	16.75 3 1.36	16.75 12.65 12.48
15992 1 EACH	Arrow Fastener Co TR550 90 Days	Automatic lever feedfor easy squeeze lever action. It is designed to keep heat flow away from handle. Also has a built-in drip tray/stand for cleaner jobs. Operates on 110V.	26.00 3 1.36	26.00 19.63 19.37

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Alignment Tools [580-36]

Alignment and Specialty Kit

65046

Complete 45 pc kit with the most popular alignment tools and aids.Inlcudes wire stripper,, 1/4" & 7/32" alignment tools, wrench kit for hex and spline screws, inspection mirror, K-Tran tool, neo-lite tester, lo volt tester, fuse puller, tweezers, TVchanneltuning tool, core aligner, universal aligner, duplex aligner, capacitor tool, iron core tool, transistor tool and more.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
65046 1 EACH	GC/Waldom 5050 90 days	Complete 45 pc alignment tool set in vinyl case. Every alignment tool you can think of is in this kit.	119.35 2 0.91	111.45 103.65 101.42

German Made Ceramic Alignment Tools

95248

Ceramic blade precision alignment tools are antistatic, antimagnetic. Antistatic handle has rotating cap.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
95248 1 EACH	Wiha Tools 27009 1 yr	0.9mm slotted blade alignment tool	15.70 0.11 0.05	12.27 11.91 11.59
43641 1 EACH	Wiha Tools 27013 1 yr	1.3mm slotted blade alignment tool	11.00 0.11 0.05	8.58 8.33 8.11
82034 1 EACH	Wiha Tools 27018 1 yr	1.8mm slotted blade alignment tool	15.70 0.11 0.05	12.27 11.91 11.59
94427 1 EACH	Wiha Tools 27026 1 yr	2.6mm slotted blade alignment tool	15.70 0.11 0.05	12.27 11.91 11.59

Screwdriver Tip Alignment Tool

24021

Made of Delrin. Double ended. One end has delrin 1/8" screwdriver tip, other end has steel 1/6" screwdriver tip.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
24021 1 EACH	GC/Waldom 5097 30 days	Alignment tool with screwdriver tips on both ends.	2.50 0.03 0.01	2.33 2.17 2.12

CB Alignment Tool Kit

27364

Plastic alignment tools include Duplex, no metal screwdriver, K-Tran tool, Core Aligner, Zenith Aligner tool, Hex iron core tool, Transistor tool, Duplex aligner, and a double end tool.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
27364 1 EACH	GC/Waldom 18-530 90 days	8pc alignment tool set.	10.55 0.11 0.05	9.82 9.14 8.94

Pliers, Standard (5" Plus) [580-42]

CRESCENT Standard Pliers

58331

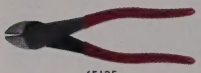
41963

87257

Standard Sized Pliers for general purpose work.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length Opening	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
58331 1 EACH	Xcelite 57CG Lifetime	5-11/16 needle nose pliers with cushion grip handles.	24.00 0.21 0.1	19.96 18.43 17.11
41963 1 EACH	Xcelite 59CG Lifetime	Electricians chain nose pliers	28.40 0.44 0.2	23.65 21.83 20.27
87257 1 EACH	Xcelite 51CG Lifetime	6" long nose pliers with side cutter.	22.90 0.35 0.16	19.08 17.61 16.36

High Leverage Diagonal Pliers

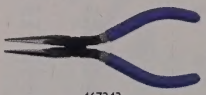


65125

High Leverage design provides a 36% greater mechanical cuttin and gripping advantage over regular heavy duty diagonal cutters Plastic dipped hand formed handles offer durability and comfort.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length Opening	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
65125 1 EACH	Klein Tools, Inc. D228-8 Lifetime	8" Diagonal Pliers 13/16" Blades	69.50 0.5 0.23	39.36 35.72 34.75

WIRELESS SOLUTIONS Long Needle Nose



467343

WIRELESS SOLUTIONS Long Needle Nose Pliers with cutter are forged steel with hand-honed, precision-ground and inductionn hardened cutters. They feature a two-layer ESD cushion foam handle.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length Opening	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **455358** 1 EACH	Wireless Solutions 5018SP Lifetime	WIRELESS SOLUTIONS Long Needle Nose W/Cutter Blue/Gray Cushion Grips. USA 8-1/2"	15.70 0.5 0.23	13.37 12.17 11.41
NEW **467343** 1 EACH	Wireless Solutions 5016 Lifetime	WIRELESS SOLUTIONS Long Needle Nose W/Cutter Blue/Gray Cushion Grips 6" Overall Length NSN 5120-00-247-5177. USA 6"	10.90 0.26 0.12	9.81 9.32 8.62

KLEIN Conduit & Reaming Pliers

14788

Versatile tool used to tighten conduit locknuts, fittings, and caps. It also reams both the inside and outside of conduit. Lon nose makes tightening locknuts faster and easier, especially in hard-to-reach areas. The knurled jaws at the nose tip canbe used for pulling wire or fish tape. Plastic dipped handles.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length Opening	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **14788** 1 EACH	Klein Tools, Inc. D333-8 Lifetime	7-3/4" conduit locknut and reaming pliers.	42.20 0.5 0.23	23.88 21.67 21.08

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RESCENT Long Nose Pliers w/side cutters

418385 71991

CRESCENT Long chain nose with fine serrated jaws is designed to make wire loops and bends. The pliers are made from forged alloy tool steel. The diagonal cutters are electronically induction hardened and hand-honed cutting edges and polished head. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length Opening	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Crescent Tools	CRESCENT long nose with side cutter.	26.20	21.80
18385	6547C	7-1/2"	0.44	20.12
EACH	Lifetime		0.2	18.68
1991	Crescent Tools	Crescent Long nose pliers with side cutter.	22.50	18.71
EACH	654-6C	6" oal	0.38	17.28
	Lifetime		0.17	16.04

LEIN Journeyman Side-Cutting Pliers

KLEIN Journeyman Heavy-duty, side-cutting pliers cuts ACSR, screws, nails and most hardened wire, high-leverage, smooth streamlined nose with knurled jaws and two-tone comfort grip handle. USA

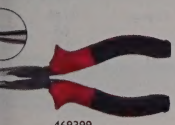
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length Opening	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Klein Tools, Inc.	KLEIN Journeyman Heavy-duty, side-cutting pliers	104.00	52.00
72396	J2000-9NE	9-3/8"	2	52.00
EACH	Lifetime		0.91	52.00

LEIN Journeyman Long-Nose Pliers

KLEIN Journeyman Heavy-Duty long-nose, side-cutting pliers with induction hardened side cutting knives. Two-tone comfort grip handle. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length Opening	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Klein Tools, Inc.	KLEIN Journeyman Heavy-Duty long-nose, side-cutting	46.75	26.45
51336	J203-8	pliers. Two-tone comfort grip handle.	1	24.00
EACH	Lifetime		0.45	23.36
		8-1/8" overall length.		

IRELESS SOLUTIONS Curve Nose Pliers



469399

Wireless Solutions BTX Heavy-duty Curved Nose Pliers are drop-forged, chrome vanadium steel alloy, with induction-hardened cutters and ergonomic cushion grip handles. Exceeds DIN Standards.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length Opening	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Wireless Solutions	BTX Heavy-duty Curved Nose Pliers. Ergonomic han-	15.55	14.12
69399	12230	dles	0.67	12.94
EACH	Lifetime	6" OAL	0.3	11.95

IRELESS SOLUTIONS Long Nose Pliers

433344 461398

Wireless Solutions BTX Heavy-duty Long Nose Pliers are drop-forged, chrome vanadium steel alloy with induction-hardened cutting edges and ergonomic cushion grip handles. Exceeds DIN Standards

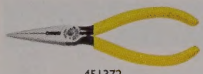
tinuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length Opening	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Wireless Solutions	BTX Heavy-duty Long Nose pliers	14.05	12.76
33344	12210	8" OAL	0.1	11.69
EACH	Lifetime		0.05	10.79

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length Opening	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Wireless Solutions	BTX Heavy-duty Long Nose pliers with ergonomic	15.80	14.33
461398	12220	cushion grip handles.	0.65	13.13
1 EACH	Lifetime	6" OAL	0.3	12.12

KLEIN Long-Nose Pliers Side Cutters



451372

KLEIN Long-Nose Pliers with Side Cutters are designed for switchboard work. Strips 19 & 22 AWG wire. Induction hardened cutting knives. Knurled jaws, hot-riveted joint, and curved plastic-dipped handles. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length Opening	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Klein Tools, Inc.	KLEIN Long-nose, side-cutting pliers has standard cut-	32.50	18.39
436385	D203-6C	ting knives at hinge. Coil spring. Plastic-dipped handles.	1	16.69
1 EACH	Lifetime	USA	0.45	16.24
		6-5/8" OAL		
NEW	Klein Tools, Inc.	KLEIN Long-Nose Pliers with Side Cutters designed for	62.55	31.26
451372	D203-6H2	switchboard work. Strips 19 & 22 AWG wire.	1	31.26
1 EACH	Lifetime	6-5/8" OAL	0.45	31.26

Pliers, Linemans' [580-43]

WIRELESS SOLUTIONS BTX NE Lineman Pliers

Wireless Solutions BTX Heavy-duty NE Linesman pliers are drop-forged, chrome vanadium, steel alloy with hand-honed, induction-hardened cutting edges. They feature a combination, composite ergo cushion grip handles and exceeds DIN Standards

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Wireless Solutions	BTX Heavy-duty NE Linesman pliers, 8-1/2"	17.60	16.00
454308	12200		1	14.67
1 EACH	Lifetime		0.45	13.54

KLEIN Heavy-Duty Side-Cutting Pliers

Klein Side-Cutting Pliers with Heavy-Duty Handles cuts ACSR, screws, nails and most hardened wire, high-leverage, smooth, streamlined nose with knurled jaws, heavy-duty plastic-dipped handles

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Klein Tools, Inc.	KLEIN Heavy-Duty Side-Cutting NE Linesman Pliers	51.90	29.39
438379	D2000-9NE	9-1/4"	1.15	26.67
1 EACH	Lifetime		0.52	25.95

CRESCENT Side-Cutting Linesman's Pliers

CRESCENT Linesman Pliers are induction hardened, forged tool steel high-leverage side cutting edges.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Crescent Tools	7-1/4" heavy-duty side lineman pliers. . Serrated jaws.	26.90	22.38
471393	19507CV	Cutting cap. 12 GA. (.080) 180,000 PSI Steel Wire.	0.66	20.66
1 EACH	Lifetime		0.3	19.18
32654	Crescent Tools	CRESCENT Lineman Side cutting pliers with serrated	28.95	24.09
1 EACH	50-8CV	upper & lower jaws. USA	0.9	22.24
	Lifetime	8 5/16" OAL	0.41	20.65

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LINESMAN B SIDECUT PLIER

Designed for heavy duty use in construction and maintenance work. These pliers are high leverage for cutting bolts, nails and many gauges of wire including hight-strength wire. Cutting edges cut clean and remain sharp. The cushioned-grip comfortable handles are red plastic dipped.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 435377 1 EACH	Jonard Industries Corp JIC-683 Lifetime	JONARD Linesman B Sidecut Plier, 9" 9" OAL	21.40 1.06 0.48	18.62 17.00 15.97

WIRELESS SOLUTIONS N.E. Lineman's Pliers

WIRELESS SOLUTIONS N.E. Lineman's Hi-Leverage Pliers w/Full Flush Cut are made from 1060-Carbon Steel with a hardness of 42-43 HRc, are hand-inductuion hardened with a cutting edge of 57-63HRc. They feature a unique double-dip grip cushion Blue/Grey Cushion Grip. 9" overall length. USA.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 453398 1 EACH	Wireless Solutions 5030 Lifetime	N.E. Lineman's Hi-Leverage Pliers w/Full Flush Cut. Blue/Grey Cushion Grip. NSN#5120-00-170-7938. USA. 9"	18.50 0.99 0.45	16.65 15.82 14.62
NEW 416351 1 EACH	Wireless Solutions 5030FT Lifertime	N.E. Lineman's Hi-Leverage Pliers w/Full Flush Cut and fish tape pull grip joint. Blue/Grey Cushion Grip. 9" OAL	20.50 0.99 0.45	18.45 17.53 16.20

Scissors [580-46]

Electronic Snip

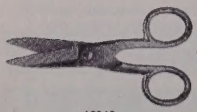
39397

54307

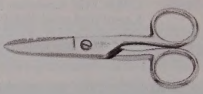
Electronic Snip. Shearing action of 1 1/2" cut pointed blades prevents peaks on fine wires and filaments. Useful also for removing insulation and cutting light sheet metal. Coil spring opens blades, latch holds them closed. Cushion grip handles.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length Type of Blade	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
39397 1 EACH	Xcelite 86CG Lifetime	6-1/2" electronic snip	31.00 0.36 0.16	25.83 23.84 22.14
54307 1 EACH	Wiss M300 Lifetime	Wiss Multi-Master long blade snips. Hi-Viz color. USA 13.5" long Compound action.	22.90 1 0.45	19.06 17.60 16.34

Electrical Scissors



18265



53181

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length Type of Blade	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
18265 1 EACH	GC/Waldom 12-292 Lifetime	Electrician's scissors w/Double notches for stripping. 5" OAL	10.60 0.36 0.16	9.90 9.21 9.01
447031 1 EACH	Wireless Solutions 14-467 Lifetime	Electricians scissors. Double stripping notches. 5-1/4" long 5-1/4"	16.70 0.59 0.27	8.35 8.35 8.35
53181 1 EACH	Klein Tools, Inc. 2100-7 Lifetime	KLEIN Electricians scissors with strip notches and serrated lower blade to minimize slippage of wire when cutting. Rounded points. 5"	20.40 1 0.45	11.53 10.46 10.18

Utility Shears

88561

BEAR utility shears are drop forged for strength. Inlcudes tack hammer on handle, and pry-screwdriver. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length Type of Blade	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
88561 1 EACH	Bear Cutlery 148 Lifetime	BEAR Utility Shears. Inlcudes tack hammer on handle, and pry-screwdriver.	30.75 0.3 0.14	27.22 25.62 25.62

1/4" Hex Drive Bits [580-48]

If you are buying these, you may need:

Cordless Drills. . . . . page 1514
Drill and Driver Accessories. . . . . page 1517

Phillips Bits

WIHA High-Performance Power Screwdriving Phillips Bits are made from machined, CVM S-2 tool steel for maximum durability. Heat treated and hardened and are specially designed to reduce stripping. Made in Germany

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
421037 2 PACK	Wiha Tools 71152 Lifetime	#2 x 25mm/1" Philips Bit. 2 pack	1.50 0.5 0.23	1.16 1.13 1.10
424011 2 PACK	Wiha Tools 71153 Lifetime	#3 x 25mm/1" Philips Bit. 2 pack	1.50 0.5 0.23	1.16 1.13 1.10
456084 2 PACK	Wiha Tools 71151 Lifetime	#1 x 25mm/1" Philips Bit. 2 pack	1.50 0.5 0.23	1.16 1.13 1.10
475043 100 PACK	Wiha Tools 71199 Lifetime	#2 x 25mm/1" Philips Insert Bits. 100 pack	42.00 1.25 0.57	32.81 31.84 31.00
483082 25 PACK	Wiha Tools 71125 Lifetime	#2 x 25mm/1" Philips Insert Bits. 25 pack	11.80 0.5 0.23	9.19 8.92 8.68
490075 2 PACK	Wiha Tools 71149 Lifetime	#0 x 25mm/1" Philips Bit. 2 pack	1.50 0.5 0.23	1.16 1.13 1.10

Phillips Power Bits

High-Performance Power Screwdriving Bits. Made from machined, CVM S-2 tool steel for maximum durability. Heat treated and hardened. Specially designed to reduce stripping Made in Germany

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
412054 3 PACK	Wiha Tools 74150 30 Day	3 Piece Phillip Power Bit pack. Includes #1 x 2 inch, #2 x 2 inch and #3 x 2 inch.	4.00 0.25 0.11	3.11 3.02 2.94
417050 1 EACH	Wiha Tools 74112 30 Day	#2 Phillips Power Bit. 1/4" Hex Shank, 2" overall length.	1.05 0.25 0.11	0.82 0.79 0.77
430015 8 PACK	Wiha Tools 74920 30 Day	8 Piece Mixed Power Drive Bit Set. Include: Slotted: 5.6 and 6.5; Phillips: #1, #2, #3; Torx: T15, T20 & T25.	20.00 0.5 0.23	15.61 15.15 14.75
433055 1 EACH	Wiha Tools 74806 30 Days	#2 x 50mm/2" Hex Power Drive Bit. 1/4" Hex Shank	1.90 0.25 0.11	1.49 1.44 1.41
436073 1 EACH	Wiha Tools 74124 30 Day	#3 Phillips Power Bit. 1/4" Hex Shank, 2" overall length.	1.05 0.25 0.11	0.82 0.79 0.77
438039 8 PACK	Wiha Tools 74910 30 Days	8 Piece Mixed Power Drive Bit Set. Includes: Slotted: 5.6 and 6.5; Phillips: #1, #2 and #3; Square: #1, #2, and #3. 1/4" Drive. 2" length.	18.00 0.5 0.23	14.05 13.63 13.27

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inuing product table (2 of 2)

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
9035 PACK	Wiha Tools 74930 30 Days	8 Piece Torx Power Drive Bit Set. Includes Torx: T8, T9, T10, T15, T20, T25, T30 and T40 in Power Bit-Selector. 2" overall length.	24.00 0.36 0.16	18.73 18.18 17.70
2002 ACH	Wiha Tools 74103 30 Days	#1 Phillips Power Drive Bit. 1/4" Hex Shank, 2" overall length.	1.05 0.25 0.11	0.82 0.79 0.77
6005 PACK	Wiha Tools 74940 30 Days	9 Piece Tamper Resistant Torx Power Bit Set. Includes: TR8 , TR9, TR10, TR15, TR20, TR25, TR27, TR30 and TR40	32.00 0.5 0.23	24.98 24.25 23.61
5427 ACH	Dewalt DW2022 1 Year	#2 Phillips Power Drive Bit. 1/4" Hex Shank, 2" overall length.	2.00 0.25 0.11	1.53 1.42 1.38

hillips Long Power Bits

High-Performance Power Screwdriving Bits. Made of shock-resistant tool steel for maximum durability. Heat treated and hardened. Specially designed to reduce stripping.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1820 ACH	Dewalt DW2032 1 Year	#2 Phillips Power Bit. 1/4" Hex Shank, 3-1/2" overall length.	2.60 0.25 0.11	1.97 1.83 1.78

crewdriver Tips

Wiha Power Drive Insert Bits are made from machined CVM S-2 moidied tool steel. Made in Germany

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
5078 ACK	Wiha Tools 71051 30 Days	4.5mm x 1" slotted bit	2.25 0.5 0.23	1.76 1.71 1.67
3082 ACK	Wiha Tools 71053 30 days	6.5mm x 1" slotted bit	2.25 0.5 0.23	1.76 1.71 1.67
7051 ACK	Wiha Tools 71054 30 Days	8.0mm x 1" slotted bit	2.25 0.5 0.23	1.76 1.71 1.67

orx

WIHA High-Performance Power TORX Bits are made from machined, CVM S-2 tool steel for maximum durability, then heat treated and hardened fro durability and specially designed to reduce stripping. Made in Germany

nuing product table (1 of 2)

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
3048 ACK	Wiha Tools 71550 Lifetime	Torx T5 x 25mm/1". 2 per pack.	3.00 0.05 0.02	2.33 2.26 2.20
9019 ACK	Wiha Tools 71551 Lifetime	Torx T6 x 25mm/1". 2 per pack.	3.00 0.03 0.01	2.33 2.26 2.20
3037 ACK	Wiha Tools 71552 Lifetime	Torx T7 x 25mm/1". 2 per pack.	3.00 0.2 0.09	2.33 2.26 2.20
1023 ACK	Wiha Tools 71553 Lifetime	Torx T8 x 25mm/1". 2 per pack.	3.00 0.2 0.09	2.33 2.26 2.20
1099 ACK	Wiha Tools 71554 Lifetime	Torx T9 x 25mm/1". 2 per pack.	3.00 0.2 0.09	2.33 2.26 2.20
0039 ACK	Wiha Tools 71555 Lifetime	Torx T10 x 25mm/1". 2 per pack.	2.50 0.2 0.09	1.94 1.88 1.83
1035 ACK	Wiha Tools 71556 Lifetime	Torx T15 x 25mm/1". 2 per pack.	2.50 0.2 0.09	1.94 1.88 1.83
0071 ACK	Wiha Tools 71557 Lifetime	Torx T20 x 25mm/1". 2 per pack.	2.50 0.2 0.09	1.94 1.88 1.83

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
436009 2 PACK	Wiha Tools 71558 Lifetime	Torx T25 x 25mm/1". 2 per pack.	2.50 0.2 0.09	1.94 1.88 1.83
442022 2 PACK	Wiha Tools 71559 Lifetime	Torx T27 x 25mm/1". 2 per pack.	2.50 0.2 0.09	1.94 1.88 1.83
481004 2 PACK	Wiha Tools 71560 Lifetime	Torx T30 x 25mm/1". 2 per pack.	2.50 0.2 0.09	1.94 1.88 1.83
438008 2 PACK	Wiha Tools 71561 Lifetime	Torx T40 x 25mm/1". 2 per pack.	3.00 0.2 0.09	2.33 2.26 2.20
436044 1 EACH	Wiha Tools 74511 Lifetime	Torx T6 x 50mm/2". 1/4" Hex drive	2.50 0.01 0	1.96 1.90 1.85
435096 1 EACH	Wiha Tools 74512 Lifetime	Torx T7 x 50mm/2". 1/4" Hex drive	2.50 0.2 0.09	1.96 1.90 1.85
487064 1 EACH	Wiha Tools 74513 Lifetime	Torx T8 x 50mm/2". 1/4" Hex drive	2.50 0.2 0.09	1.96 1.90 1.85
463062 1 EACH	Wiha Tools 74517 Lifetime	Torx T9 x 50mm/2". 1/4" Hex drive	2.50 0.2 0.09	1.96 1.90 1.85
429046 1 EACH	Wiha Tools 74519 Lifetime	Torx T10 x 50mm/2". 1/4" Hex drive	2.50 0.2 0.09	1.96 1.90 1.85
434004 1 EACH	Wiha Tools 74521 Lifetime	Torx T15 x 50mm/2". 1/4" Hex drive	2.50 0.2 0.09	1.96 1.90 1.85
485066 1 EACH	Wiha Tools 74523 Lifetime	Torx T20 x 50mm/2". 1/4" Hex drive	2.50 0.2 0.09	1.96 1.90 1.85
490043 1 EACH	Wiha Tools 74529 Lifetime	Torx T25 x 50mm/2". 1/4" Hex drive	2.50 0.2 0.09	1.96 1.90 1.85
494019 1 EACH	Wiha Tools 74531 Lifetime	Torx T27 x 50mm/2". 1/4" Hex drive	2.50 0.2 0.09	1.96 1.90 1.85
454005 1 EACH	Wiha Tools 74533 Lifetime	Torx T30 x 50mm/2". 1/4" Hex drive	2.50 0.2 0.09	1.96 1.90 1.85
443004 1 EACH	Wiha Tools 74535 Lifetime	Torx T40 x 50mm/2". 1/4" Hex drive	2.50 0.2 0.09	1.96 1.90 1.85
453003 1 EACH	Wiha Tools 74586 Lifetime	Torx T10 x 152mm/6". 1/4" Hex drive	6.00 0.2 0.09	4.69 4.55 4.43
452033 1 EACH	Wiha Tools 74587 Lifetime	Torx T15 x 152mm/6". 1/4" Hex drive	6.00 0.2 0.09	4.69 4.55 4.43
432048 1 EACH	Wiha Tools 74588 Lifetime	Torx T20 x 152mm/6". 1/4" Hex drive	6.00 0.2 0.09	4.69 4.55 4.43
487018 1 EACH	Wiha Tools 74589 Lifetime	Torx T25 x 152mm/6". 1/4" Hex drive	6.00 0.2 0.09	4.69 4.55 4.43

Security Torx

WIHA High-Performance Tamper Resistant Security Torx bits are made from machined, CVM S-2 tool steel for maximum durability, then heat treated and hardened for durability and specially designed to reduce stripping. Made in Germany

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
495094 1 EACH	Wiha Tools 70127 Lifetime	Tamper Resitant Torx Insert Bit; 1/4" drive. TR7 x 1"	1.80 0.03 0.01	1.41 1.37 1.33
443085 1 EACH	Wiha Tools 70128 Lifetime	Tamper Resitant Torx Insert Bit; 1/4" drive. TR8 x 1"	1.80 0.03 0.01	1.41 1.37 1.33
469029 1 EACH	Wiha Tools 70129 Lifetime	Tamper Resitant Torx Insert Bit 1/4" drive. TR9 x 1".	1.80 0.03 0.01	1.41 1.37 1.33
434029 1 EACH	Wiha Tools 70135 Lifetime	Tamper Resitant Torx Insert Bit 1/4" drive. TR10 x 1"	1.60 0.03 0.01	1.25 1.22 1.19
441032 1 EACH	Wiha Tools 70139 Lifetime	Tamper Resitant Torx Insert Bit 1/4" drive. TR15 x 1"	1.60 0.03 0.01	1.25 1.22 1.19

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Tools

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
438087 1 EACH	Wiha Tools 70142 Lifetime	Tamper Resitant Torx Insert Bit 1/4" drive. TR20 x 1"	1.60 0.03 0.01	1.25 1.22 1.19
489010 1 EACH	Wiha Tools 70148 Lifetime	Tamper Resistant Torx Insert Bit 1/4" drive. TR25 x 1".	1.60 0.03 0.01	1.25 1.22 1.19
486054 1 EACH	Wiha Tools 70160 Lifetime	Tamper Resistant Torx Insert Bit 1/4" drive. TR27 x 1"	1.60 0.03 0.01	1.25 1.22 1.19
429059 1 EACH	Wiha Tools 70163 Lifetime	Tamper Resitant Torx Insert Bit 1/4" drive. TR30 x 1".	1.60 0.03 0.01	1.25 1.22 1.19
438005 1 EACH	Wiha Tools 70168 Lifetime	Tamper Resitant Torx Insert Bit 1/4" drive. TR40 x 1"	1.80 0.03 0.01	1.41 1.37 1.33
419045 1 EACH	Wiha Tools 70507 Lifetime	Tamper Resitant Torx Insert Bit; 1/4" drive. TR7 x 2"	3.40 0.03 0.01	2.66 2.58 2.51
496029 1 EACH	Wiha Tools 70509 Lifetime	Tamper Resistant Torx Insert Bit. 1/4" drive. TR9 x 2".	3.40 0.03 0.01	2.66 2.58 2.51
447062 1 EACH	Wiha Tools 70510 Lifetime	Tamper Resitant Torx Insert Bit; 1/4" drive. TR10 x 2"	3.40 0.03 0.01	2.66 2.58 2.51
479055 1 EACH	Wiha Tools 70515 Lifetime	Tamper Resistant Torx Insert Bit. 1/4" drive. TR15 x 2"	3.40 0.03 0.01	2.66 2.58 2.51
476024 1 EACH	Wiha Tools 70520 Lifetime	Tamper Resistant Torx Insert Bit. 1/" drive. TR20 x 2".	3.40 0.03 0.01	2.66 2.58 2.51
456092 1 EACH	Wiha Tools 70525 Lifetime	Tamper Resitant Torx Insert Bit; 1/4" drive. TR25 x 2"	3.40 0.03 0.01	2.66 2.58 2.51
414094 1 EACH	Wiha Tools 70530 Lifetime	Tamper Resitant Torx Insert Bit; 1/4" drive. TR30 x 2"	3.40 0.03 0.01	2.66 2.58 2.51
465034 1 EACH	Wiha Tools 70540 Lifetime	Tamper Resitant Torx Insert Bit; 1/4" drive. TR40 x 2"	3.40 0.03 0.01	2.66 2.58 2.51

Posi Drive Bits

WIHA High-Performance Posi Drive bits are made from machined, CVM S-2 tool steel for maximum durability, then heat treated and hardened for durability and specially designed to reduce stripping. Made in Germany

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
472036 2 PACK	Wiha Tools 71250 30 Days	#0 Pozidriv Insert Bit. 1/4" hex shaft, 1" overall length.	1.50 0.25 0.11	1.16 1.13 1.10
458041 2 PACK	Wiha Tools 71251 Lifetime	#1 Pozidriv insert bit. 1/4" hex shaft, 1" overall length.	1.50 0.25 0.11	1.16 1.13 1.10
450058 2 PACK	Wiha Tools 71252 Lifetime	#2 Pozidriv insert bit. 1/4" hex shaft, 1" overall length.	1.50 0.25 0.11	1.16 1.13 1.10
450035 2 PACK	Wiha Tools 71253 Lifetime	#3 Pozidriv insert bit. 1/4" hex shaft, 1" overall length.	1.50 0.25 0.11	1.16 1.13 1.10

Square Recess

WIHA High-Performance Square Recess bits are made from machined, CVM S-2 tool steel for maximum durability, then heat treated and hardened for durability and specially designed to reduce stripping. Made in Germany

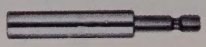
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
445082 2 PACK	Wiha Tools 71851 Lifetime	Square Insert Bit (1 inch) 2 Bit Pack. #1 x 25mm/1"	1.50 0.25 0.11	1.18 1.14 1.11
491054 2 PACK	Wiha Tools 71852 Lifetime	Square Insert Bit (1 inch) 2 Bit Pack. #2 x 25mm/1"	1.50 0.25 0.11	1.18 1.14 1.11
425045 2 PACK	Wiha Tools 71853 Lifetime	Square Insert Bit (1 inch) 2 Bit Pack. #3 x 25mm/1"	1.50 0.25 0.11	1.18 1.14 1.11

Magnetic Socket Drivers

High-performance Magnetic Socket Drivers. Made of shock-resistant tool steel for maximum durability. Heat treated and hardened. Specially designed to reduce stripping and round-ing.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
31248 1 EACH	Dewalt DW2218 1 Year	1/4" Magnetic Socket Driver 1/4" Shank, 1-7/16" length.	5.00 0.25 0.11	3.85 3.57 3.47
69641 1 EACH	Dewalt DW2219 1 Year	5/16" Magnetic Socket Driver 1/4" Shank, 1-7/16" length.	5.15 0.05 0.02	3.94 3.66 3.56
18034 1 EACH	Dewalt DW2220 1 Year	3/8" Magnetic Socket Driver 1/4" Shank, 1-1/2" length.	5.25 0.25 0.11	4.02 3.73 3.63

Bit Holders



Universal Power Bit Holders, Magnetic

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 432361 1 EACH	Wiha Tools 71130 Lifetime	1/4" Power Bit Holder, Magnetic. 2.9" long.	4.50 0.09 0.04	3.52 3.42 3.33
NEW 487383 1 EACH	Wiha Tools 71131 Lifetime	1/4" Power Bit Holder, Magnetic. 2.3" long.	3.50 0.06 0.03	2.74 2.66 2.59

Hex Kits

WIHA 1/4" Hex Insert Bits are machined CVM S-2 modifiec tool steel. 1" overall length. Made in Germany.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
418032 2 PACK	Wiha Tools 71362 30 Days	3/32 x 25mm/1" Hex Insert Bit	2.60 0.2 0.09	2.02 1.96 1.91
443050 2 PACK	Wiha Tools 71365 30 Days	9/64" x 25mm/1" Hex Insert Bit	2.60 0.2 0.09	2.02 1.96 1.91
424061 2 PACK	Wiha Tools 71367 Lifetime	3/16 x 25mm/1" Hex Insert Bit	2.60 0.2 0.09	2.02 1.96 1.91

Screwdriving Set

High Performance Screwdriving Set. Contains (1) #1, #3 1" phillips bits, (6) #2 1" phillips bits, (1) #6, #8, #1 slotted bit, #1, #3 square bit, (3) #2 square bit, 2" Phil lips power bit, 1/4", 5/16" nutdriver bits, Magnetic bit t holder. All in a plastic carry case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
48563 1 EACH	Dewalt DW2161 1 Year	21 Piece Screwdriving Set	24.45 1 0.45	18.80 17.45 16.97

NEW = New Listing. Pricing for reference onl
See TESSCO.com for latest pricing and produc
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crewdriving Set

40 Piece Metric Tap & Die Set

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 0125 ACH	Wireless Solutions 146-190 1 Year	Includes 17 hex dies (5/8 or 1") in sizes 3mm-.50 to 12mm-1.75, matching taps, adjustable die guide stock, adjustable tap wrench, two T-handle tap wrenches, screw pitch gauge, screwdriver and polyethylene case.	154.65 3 1.36	142.00 140.58 139.16

IHA TORX Bit Selectors

WIHA German made TORX bit sets include 10 hardened chrome- vanadium-molybdenum steel bits and a 1/4" magnetic holder in a compact plastic storage box.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
422 ACK	Wiha Tools 79245 Lifetime	10 piece 1/4" TORX bit set. TORX bits in sizes: T7, T8, T9, T10, T15, T20, T25, T27, T30, T40. 1/4" magnetic bit holder included.	20.00 0.24 0.11	15.61 15.15 14.75
710 ACK	Wiha Tools 79247 Lifetime	10 piece 1/4" TamperResistant Torx bit set. Sizes T7, T8, T9, T10, T15, T20, T25, T27, T30, T40. 1/4" magnetic bit holder included.	27.00 0.28 0.13	21.08 20.46 19.92
3017 ACH	Wiha Tools 71990 Lifetime	Security Bit Set includes: TR Torx TR8, 10, 15, 20, 25, 27, 30, 40; Triwing 1,2,3,4; Torq Set 6,8,10; Spanner 4,6,8,10; Tamper Resistant Hex 5/64,3/32,7/64,1/8,9/64,5/32"; Slotted 6.6,8mm; Phillips 1,2; Pozidriv 0,1,2,3; Square 1,2,3. Includes Handle, 1/4" magnetic bit holder and 1/4" bit holding socket adapter. 39 piece set.	67.00 1.03 0.47	52.32 50.78 49.44

t Handle

WIHA 1/4" hex drive bit handle. 5" blade length, 9" overall. Featuers magnetic tip on chrome vanadium molybdenum steel blade. Impact resitant non slip handle resists grease and oils

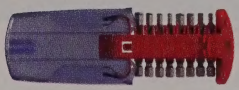
t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
750 ACH	Wiha Tools 52650 Lifetime	1/4" hex bit drive handle	13.80 1 0.45	10.78 10.46 10.19

cket Adapters

Hex drive socket adapters

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
0009 ACH	Dewalt DW2541 1yr	1/4" hex socket adapter	2.75 0.04 0.02	2.11 1.96 1.91
0027 ACH	Dewalt DW2542 1yr	3/8" hex socket adapter	3.30 0.1 0.05	2.53 2.35 2.28

WIHA MagicRing Hex Bit Sets



MagicRing Screwholding Hex Bits are specially designed to hold your hex screw on the bit when you install or remove a screw. Made in Germany

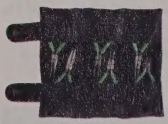
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 426395 1 EACH	Wiha Tools 74399 Lifetime	MagicRing Screw Holding 8 Pc Hex Bit Set, 1/4" drive Inch & Metric, In Molded Box	29.00 0.4 0.18	22.64 21.97 21.39
NEW 471392 1 EACH	Wiha Tools 71799 Lifetime	MagicRing Screw Holding 8 Pc Ball Hex Bit Set, Inch & Metric, In Molded Box,	32.00 0.37 0.17	24.98 24.25 23.61
NEW 484336 1 EACH	Wiha Tools 71399 Lifetime	WIHA MagicRing Screw Holding 10 Pc Hex Bit Set, Inch & Metric, In Molded Box	30.00 0.46 0.21	23.42 22.73 22.13

Precision Cutters and Pliers [580-50]

If you are buying these, you may need:

Bullet Connectors . . . . . page 1724
Automotive Hookup Wire . . . . . page 1762
Speaker Wire and Zip Cords . . . . . page 1764

Precision Stainless Steel Pliers Kit



59153

Set of six miniature pliers. Includes one each diagonal cutter, round nose, bent nose, flat nose, half round long nose pliers. Cutter has special tip to trap ends. Made of Stainless Steel.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
59153 1 EACH	RF Industries RFA-4080 Lifetime	RF INDUSTRIES stainless steel plier and cutter kit. Includes 1 each side cutter, round nose, bent nose, flat nose & half round nose pliers, all w/ serrated jaws	57.70 1.15 0.52	53.38 52.80 51.93
97546 1 EACH	RF Industries RFA-4081 Lifetime	6pc Stainless steel plier kit. Smooth jaws.	54.95 1.02 0.46	50.82 50.27 49.45

XCELITE ESD Precision Pliers

97259

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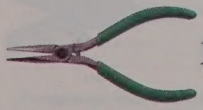
43352



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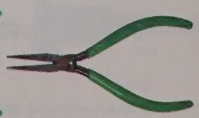

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Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
97259 1 EACH	Xcelite C1K Lifetime	XCELITE- electronic pliers set. Includes transverse end cutting pliers, diagonal cutters, long nose w/side needle nose, flat nose, and leather case	129.70 2 0.91	108.03 99.73 92.60
71029 1 EACH	Xcelite L4 Lifetime	XCELITE 4" long nose pliers. Midget pliers, serrated jaws. ESD Handles	17.00 0.08 0.04	14.13 13.05 12.11

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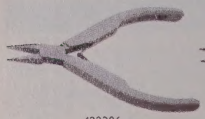
Tools

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
43352 I EACH	Xcelite LN54 Lifetime	XCELITE 4.5" midget chain nose pliers. Excellent for subminiature electronic work.	18.65 0.15 0.07	15.53 14.34 13.31
81745 I EACH	Xcelite LN54G Lifetime	XCELITE 4.5" midget smooth jaw pliers. Excellent for subminiature electronic work.	18.80 0.17 0.08	15.65 14.45 13.41
NEW 494368 I EACH	Xcelite CN255 Lifetime	XCELITE 60 degree Curved Needle Nose Pliers, Thin Tip. Smooth jaws for reaching between tight components. 5"OAL	23.05 0.21 0.1	19.18 17.71 16.44
90831 I EACH	Xcelite DN54G Lifetime	XCELITE 5" flat nose pliers with smooth jaws. Designed for gripping and holding, does not have cutting edge.	17.05 0.19 0.09	14.18 13.09 12.16
89822 I EACH	Xcelite CN54G Lifetime	XCELITE 60 degree Curved Needle Nose Plier, Standard Tip. Smooth jaws for reaching between tight components. 5" OAL	20.95 0.21 0.1	17.43 16.09 14.94
31387 I EACH	Xcelite NN7776 Lifetime	XCELITE 6" needle nose pliers. Serrated jaws with green cushion grip handles.	20.90 0.21 0.1	17.40 16.06 14.91

LINDSTROM Precision Pliers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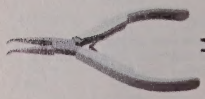
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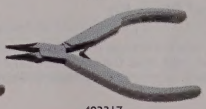

493317

LINDSTROM 80-Series Cutters forged & CNC ground 1% Carbon/Chrome Ball Bearing Steel. Induction hardened to 63-65HRc. 4-3/4"OAL. Sweden

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 422306 I EACH	Lindstrom 7893 Lifetime	Short Snipe Nose Pliers	61.00 0.25 0.11	53.07 47.65 45.21
NEW 422315 I EACH	Lindstrom 7890 Lifetime	Snipe Nose Plier, Smooth	61.00 0.25 0.11	53.07 47.65 45.21
NEW 450370 I EACH	Lindstrom 7891 Lifetime	Snipe Nose Pliers, Serrated Jaws	61.50 0.25 0.11	53.51 48.04 45.58
NEW 481302 I EACH	Lindstrom 7892 Lifetime	60 degree Bent Snipe Nose Pliers, Smooth Jaws	66.00 0.25 0.11	57.42 51.55 48.91
NEW 493317 I EACH	Lindstrom 7490 Lifetime	Flat Nose Pliers, Smooth Jaws	55.50 0.25 0.11	48.29 43.35 41.13

WIHA Precision ESD Pliers & Cutters

437341

460371

470344

WIHA Pliers feature ergonomic shape, ESD SAFE, soft grip handles. They are drop-forged, chrome vanadium steel with mirror polished finish with a welded leaf-spring design.

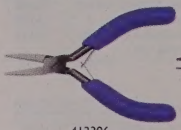
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 437341 I EACH	Wiha Tools 32746 Lifetime	WIHA Long Nose Pliers, ESD SAFE Soft Grip Handles, Hardened, Serrated Jaws, 145mm OAL,	40.00 0.21 0.1	31.23 30.31 29.51
NEW 460371 I EACH	Wiha Tools 32752 Lifetime	WIHA Flat Nose Pliers, ESD SAFE Soft Grip Handles, Hardened, Smooth Jaws, 120mm OAL,	35.00 0.17 0.08	27.32 26.52 25.82
NEW 470344 I EACH	Wiha Tools 32748 Lifetime	WIHA Long Nose Pliers Bent 90∫, ESD SAFE Soft Grip Handles, Hardened, Serrated Jaws, 145mm OAL,	40.00 0.21 0.1	31.23 30.31 29.51

LINDSTROM Kevlar Shear Cutters

454317

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 454317 I EACH	Lindstrom HS 6000 Lifetime	Kevlar Shear Cutters	75.00 0.25 0.11	65.25 58.58 55.58

WIRELESS SOLUTIONS ESD Precision Pliers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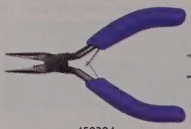
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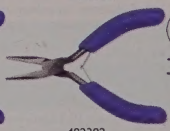
482382

487367

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 413396 I EACH	Wireless Solutions 4022SD Lifetime	Duck Bill with smooth jaws for components and forming. ESD Cushion Grip. 1.114" head; 4-1/2" OAL. NSN#5120-01-028-7102.USA.	13.05 0.12 0.05	11.10 10.10 9.47
NEW 420385 I EACH	Wireless Solutions 4016SD Lifetime	Wireless Solutions Needle Nose Pliers w/2" serrated jaws. ESD Blue Cushion Grip. 4-3/4" OALUSA.	13.05 0.12 0.05	11.10 10.10 9.47
NEW 432375 I EACH	Wireless Solutions 4030SD Lifetime	Wireless Solutions Long Nose w/serrated jaws for components. ESD Cushion Grip. 1.116" head; 4-3/4" OAL. NSN#5120-00-293-3486. USA.	13.05 0.12 0.05	11.10 10.10 9.47
NEW 459394 I EACH	Wireless Solutions 4028SD Lifetime	Wireless Solutions Chain Nose Pliers with cutter and serrated jaws. ESD Blue Cushion Grip. USA	13.40 0.12 0.05	11.43 10.40 9.75
NEW 482382 I EACH	Wireless Solutions 4024SD Lifetime	Wireless Solutions Precision-Needle Nose with serrated jaws for components. ESD Cushion Grip. 1.114" head; 4-3/4" OAL. NSN#5120-00-293-3486. USA.	13.05 0.12 0.05	11.10 10.10 9.47
NEW 487367 I EACH	Wireless Solutions 4020SD Lifetime	Wireless Solutions Curved Nose w/serrated jaws for components & wire forming. ESD Cushion Grip. 1.114" head; 4-1/2" OAL. USA.	13.40 0.12 0.05	11.43 10.40 9.75

Cutters, Precision [580-51]

XCELITE Precision Flush Cutters

64643

XCELITE Precision Electronic Cutters are designed for excellent strength, are made of forged alloy tool steel, and have precision machinned cutting edges. ESD cushion grips. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length Tyoe of Cut	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
64643 I EACH	Xcelite GA54J Lifetime	XCELITE Angled (29 degrees) flush cutter. Green ESD Cushion Grip Handles Angled (29 degrees) flush	30.45 0.11 0.05	24.36 24.05 23.60

NEW = New Listing. Pricing for reference onl
See TESSCO.com for latest pricing and produc

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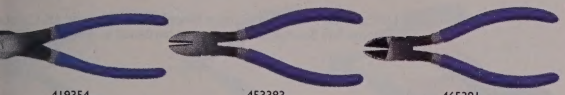
IRELESS SOLUTIONS Diagonal Cutter



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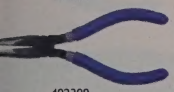
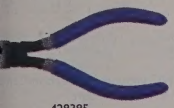


492399

WIRELESS SOLUTIONS Standard Cutters are hot drop-forged, alloy tool steel, hand induction hardened and sharpened with a Rockwell body hardness of 41-43 HRc and cutting edge hardness of 57-63HRc and meet ASME B107.25M and Mil-Spec. USA . Blue/Grey Cushion Grip. 6" overall length. NSN#5110-00-239-8253. USA.

rt No. /Uom	Manufacturer Mfg. P/N Warranty	Description Length Tyoe of Cut	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
IEW 9354 ACH	Wireless Solutions 5010 Lifetime	WIRELESS SOLUTIONS Heavy-Duty Diagonal Cutter. Blue/Grey Cushion Grip. USA. 8" Diagonal Cut	15.90 0.54 0.25	14.31 13.60 12.57
IEW 3383 ACH	Wireless Solutions 5004 Lifetime	WIRELESS SOLUTIONS Diagonal Cutter. Blue/Grey Cushion Grip ESD Handle. NSN#5110-00-239-8253. 6"	12.90 0.33 0.15	11.61 11.03 10.20
IEW 5391 ACH	Wireless Solutions 5004SH Lifetime	WIRELESS SOLUTIONS Diagonal Cutter w/stripping notches & skinning hole. Semi-Flush Cut. Blue/Grey Cushion Grip. NSN#5110-00-224-1532. 6"	16.90 0.36 0.16	15.21 14.45 13.36
IEW 9393 ACH	Wireless Solutions 5006 Lifetime	WIRELESS SOLUTIONS Diagonal Cutter. Blue/Grey Cushion Grip. NSN#5110-00-222-2708. USA. 7-1/2"	13.70 0.49 0.22	12.33 11.72 10.83
IEW 2399 ACH	Wireless Solutions 5012 Lifetime	WIRELESS SOLUTIONS Long Needle Nose with Precision Serrated Jaws. Blue/Grey Cushion Grip. NSN#5120-00-268-3579. 6-1/2"	10.90 0.26 0.12	9.81 9.32 8.62

IRELESS SOLUTIONS Oval Head Flush Cut



428385

WIRELESS SOLUTIONS Diagonal Revieled Head, Semi-Flush Cutter. Ideal for sub-miniature components. ESD Cushion Grip. 4-1/4" overall length. USA.TESSCO Diagonal Revieled Head, Semi-Flush Cutter. Ideal for sub-miniature components. ESD Cushion Grip. 4-1/4" overall length. USA.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description Length Tyoe of Cut	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
IEW 8385 ACH	Wireless Solutions 5002SH Lifetime	WIRELESS SOLUTIONS Diagonal Cutter w/stripping notches & skinning hole. Blue/Grey Cushion Grip Handles. NSN#5110-00-293-3209 5" Semi-Flush Cut	16.10 0.25 0.11	13.69 12.46 11.68
IEW 4353 ACH	Wireless Solutions 5002 Lifetime	WIRELESS SOLUTIONS Diagonal Cutter. Blue/Grey Cushion Grip. 5" Diagonal Cutter	10.20 0.25 0.11	8.67 7.89 7.40

IRELESS SOLUTIONS Diagonal Flush Cutter

413340 428370 434386

IRELESS SOLUTIONS Transverse End, Flush Cut Cutter. Ideal for sub-miniature compo-nts. ESD Blue Cushion Grip. 4-1/2" overall length. NSN#5120-00-087-4106. USA.

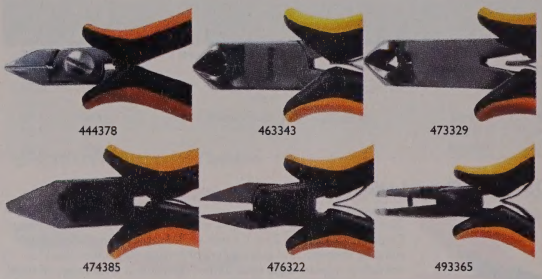
inuing product table (1 of 2)

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description Length Tyoe of Cut	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
IEW 3340 ACH	Wireless Solutions 4012SD Lifetime	WIRELESS SOLUTIONS Diagonal Oval Head. ESD Blue Cushion Grip. NSN#5110-00-935-0890. 4-1/4" Diagonal Semi-Flush Cut	13.40 0.12 0.05	11.43 10.40 9.75
IEW 8370 ACH	Wireless Solutions 4008SD Lifetime	WIRELESS SOLUTIONS Tapered Head, Diagonal Flush Cutter. ESD Blue Cushion Grip. NSN#5120-01-028-7102. 4-1/4" Flush Cut	13.40 0.12 0.05	11.43 10.40 9.75

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length Tyoe of Cut	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 434386 1 EACH	Wireless Solutions 4036SD Lifetime	WIRELESS SOLUTIONS Transverse End, Flush Cut Cutter. ESD Blue Cushion Grip. NSN#5120-00-087-4106. 4-1/2" Flush Cut	13.40 0.12 0.05	11.43 10.40 9.75

WIHA Precision ESD Pliers & Cutters



444378 463343 473329

474385 476322 493365

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length Tyoe of Cut	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 411360 1 EACH	Wiha Tools 32714 Lifetime	WIHA Side Cutters. ESD SAFE Soft Grip Handles, Slim Oval Head, Full Flush Cut, 115mm OAL	43.00 0.19 0.09	33.57 32.58 31.72
NEW 431328 1 EACH	Wiha Tools 32705 Lifetime	WIHA Side Cutters. ESD SAFE Soft Grip Handles, Small Tapered Head, Flush Cut, 115mm OAL	39.00 0.19 0.09	30.45 29.55 28.77
NEW 444378 1 EACH	Wiha Tools 32718 Lifetime	WIHA Side Cutters Wide Oval Head, ESD SAFE Soft Grip Handles, Carbide Cutting Edges. Bevel Cut, 110mm OAL	90.00 0.16 0.07	70.28 68.21 66.41
NEW 463343 1 EACH	Wiha Tools 32726 Lifetime	WIHA Oblique Narrow Cutters Angled 40∫, ESD SAFE Soft Grip Handles, Semi Flush Cut, 115mm OAL,	46.00 0.2 0.09	35.91 34.86 33.94
NEW 473329 1 EACH	Wiha Tools 32722 Lifetime	WIHA Oblique Cutters Angled 29∫, ESD SAFE Soft Grip Handles, Flush Cut, 115mm OAL,	44.50 0.2 0.09	34.74 33.72 32.83
NEW 474385 1 EACH	Wiha Tools 32708 Lifetime	WIHA Side Cutters. ESD SAFE Soft Grip Handles, Wide Tapered Head, Semi Flush Cut	38.50 0.19 0.09	30.06 29.17 28.40
NEW 476322 1 EACH	Wiha Tools 32703 Lifetime	WIHA Side Cutters; ESD SAFE Soft Grip Handles, Small Tapered Head Semi Flush Cut, 115mm OAL	39.00 0.19 0.09	30.45 29.55 28.77
NEW 478312 1 EACH	Wiha Tools 32705 Lifetime	WIHA Side Cutters. ESD SAFE Soft Grip Handles, Small Tapered Head, Flush Cut, 115mm OAL	39.00 0.19 0.09	30.45 29.55 28.77
NEW 493365 1 EACH	Wiha Tools 32728 Lifetime	WIHA Oblique Cutters Angled 29∫, ESD SAFE Soft Grip Handles, Flush Cut, 115mm OAL,	43.00 0.14 0.06	33.57 32.58 31.72

Transverse End Flush Cutters

13036

Transverse end cutting nipper for vertical cuts above the work area. Particularly suited for circuit board work. Green ESD Cushion Grip Handles

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length Tyoe of Cut	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
13036 1 EACH	Xcelite EC54J Lifetime	XCELITE Transverse end flush cutter Green ESD Cushion Grip Handles. 4-1/2" OAL 4.5" Transverse end flush cut	23.00 0.11 0.05	18.40 18.17 17.83

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Micro Shear Cutters

60995 93329

Five inch shears whose lightweight (4 oz.) and sharp durable cutting edges permit easy flush- cutting of wire to 14 AWG. Comfortable grips and positive spring action enhance speed and efficiency of production or servicing without operator fatigue. Slim-line contour of cutting tips provides easy access to tight work areas. ESD Handles

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length Tyoe of Cut	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
60995	Klein Tools, Inc.	KLIEN 5" Flush Cutter Low profile, general purpose	12.90	7.28
1 EACH	D275-5	cutter. Green grips	0.2	6.61
	Lifetime	5"	0.09	6.43
		Flush		
93329	Xcelite	XCELITE -- Micro shear cutters. 5" OAL	6.60	5.30
1 EACH	170M	5"	0.2	5.27
	Lifetime		0.09	5.20

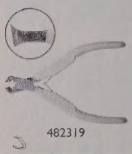
LINDSTROM Short Angle Flush Cutters

434335

20∞ angle head 8211 is available in Extra Small size with a Flush cut. Cutting capacity is 0.2 to 1.2 mm wire (copper). Small size, outstanding strength and cutting capacity make this cutter ideal for rework or repair. Angle head allows operator a wide range of hand position and visibility options.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length Tyoe of Cut	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Lindstrom	20 deg Angle Short Head Flush Cutters.	128.00	111.36
434335	8211		0.25	99.97
1 EACH	Lifetime		0.11	94.85

LINDSTROM Full Flush End Cutters

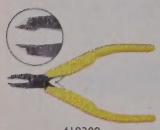


482319

Available in Small size, with a Micro-BevelÆ or Flush cut. Cutting capacity of range covers 0.35 to 1.25 mm wire (copper).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length Tyoe of Cut	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Lindstrom	End Full Flush Cutters	76.00	66.12
482319	7290		0.25	59.36
1 EACH	Lifetime	Full Flush	0.11	56.32

LINDSTROM Extended Tip Flush Cutters



418309

Extended 8149 tip cutter is available in Extra Small size with a Flush cut. Cutting capacity is 0.1 to 0.6 mm wire (copper). Slim profile and long reach cutter designed specifically for use with closely spaced multi-lead components and for very difficult to reach or access applications.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length Tyoe of Cut	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Lindstrom	Extended Tip Flush Cutters	69.50	60.47
418309	8149		0.25	54.28
1 EACH	Lifetime		0.11	51.50

LINDSTROM Oblique Head Flush Cutters

450315

LINDSTROM 80-Series Cutters forged & CNC ground 1% Carbon/Chrome Ball Bearing Steel. Induction hardened to 63-65HRc. Sweden

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length Tyoe of Cut	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Lindstrom	45 degree Oblique Head Flush Cutter	122.50	106.58
450315	8247		0.25	95.68
1 EACH	Lifetime	Flush Cutter	0.11	90.78

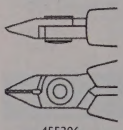
LINDSTROM Oval Head Full Flush Cutters

432308 434306 498338

LINDSTROM 80-Series Cutters forged & CNC ground 1% Carbon/Chrome Ball Bearing Steel. Induction hardened to 63-65HRc. Sweden

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length Tyoe of Cut	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Lindstrom	Oval Head Full Flush Cutters, Large Head	68.50	59.60
432308	8160	Full Flush Cutters, Large Head	0.25	53.50
1 EACH	Lifetime		0.11	50.76
NEW	Lindstrom	Oval Head Full Flush Cutters, Medium Head	66.50	57.86
434306	8150		0.25	51.94
1 EACH	Lifetime		0.11	49.28
NEW	Lindstrom	Oval Head Full Flush Cutters, Small Head	55.00	47.85
498338	8140		0.25	42.96
1 EACH	Lifetime		0.11	40.76

LINDSTROM Tapered Head Flush Cutters



455306

LINDSTROM 80-Series Cutters forged & CNC ground 1% Carbon/Chrome Ball Bearing Steel. Induction hardened to 63-65HRc. Sweden

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length Tyoe of Cut	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Lindstrom	Tapered Head Full Flush Cutters	6.00	5.22
455306	8143		0.25	4.69
1 EACH	Lifetime		0.11	4.45

NEW = New Listing. Pricing for reference onl
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ecision Electronic Flush Cutters

29541

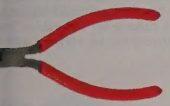
439393

452314

67658

92262

22961


62603

rt No. /Uom	Manufacturer Mfg. P/N Warranty	Description Length Tyoe of Cut	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
9541 EACH	Xcelite MS549J Lifetime	Xcelite 4" tapered diagonal cutter with flush ground edges, tapered point, and narrow tips. ESD Handles	18.80 0.1 0.05	15.03 14.84 14.56
NEW 9393 EACH	Wireless Solutions 4014SD Lifetime	Diagonal Oval Head, Flush Cutter. Ideal for sub-miniature components. ESD Cushion Grip. 4-1/4" OAL. NSN#5110-00-878-6519. USA. Flush	13.40 0.12 0.05	11.43 10.40 9.75
NEW 2314 EACH	Wireless Solutions 4006SD Lifetime	Diagonal Revieled Head, Semi-Flush Cutter. Ideal for sub-miniature components. ESD Cushion Grip. 4-1/4" overall length. USA. Semi-Flush	13.40 0.12 0.05	11.43 10.40 9.75
7658 EACH	Xcelite MS543J Lifetime	Xcelite 4" thin diagonal flush cutter. Ground down on back to reach confined places. Green ESD cushion grip handles. Flush	19.40 0.1 0.05	15.51 15.31 15.02
2262 EACH	Xcelite MS545J Lifetime	Xcelite 4" full flush cut diagonal plier Recessed coil handle spring & non-slip grip. For cutting No. 20 gauge (.032") & smaller soft copper wire. ESD Handles 4" Full Flush	18.15 0.17 0.08	14.59 14.50 14.32
2961 EACH	Xcelite 64CG Lifetime	XCELITE Semi-Flush diagonal pliers. For fast, clean, easy tip cutting of fine wires. ESD Handles 4" Semi-Flush	27.40 0.16 0.07	22.05 21.91 21.63
2603 EACH	Xcelite 54CG Lifetime	XCELITE 4" midget diagonal cutters. Forged alloy steel with permanent, green ESD "cushion-grip" handles. 4" Diagonal	21.65 0.15 0.07	17.41 17.30 17.08

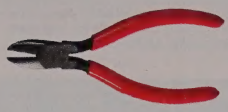
Cutters, Standard [580-52]

ILLER Utility Cutter

MILLER Utility Cutter cuts stranded wire up to 12 AWG. Also used for plastic, wire and other materials.

rt No. /Uom	Manufacturer Mfg. P/N Warranty	Description Length Type of Cut	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 5349 EACH	Ripley 80560-1 Lifetime	Strips and cuts 20-10 AWG wires sizes. Return spring. USA	11.50 0.24 0.11	11.00 10.53 10.10
NEW 1346 EACH	Ripley 80365 Lifetime	MILLER Utility Cutter cuts stranded wire up to 12 AWG 5"	4.60 0.16 0.07	4.40 4.21 4.04

STANDARD Diagonal Cutters



XCELITE Diagonial Cutters feature electronically hardened edges and are manufactured using quality tool steel. USA.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length Type of Cut	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
34401 1 EACH	Xcelite 55CG Lifetime	XCELITE 5" medium head Diagonal Cutters. 5" OAL	22.05 0.27 0.12	17.75 17.64 17.42
65300 1 EACH	Xcelite 66CG Lifetime	XCELITE 6" all purpose diagonal cutters. 6" OAL Diagonal	23.15 0.41 0.19	19.26 17.78 16.51

CRESCENT Diagonal Cutters

XCELITE Diagonal Cutters are induction hardened, forged tool steel with high-leverage side cutting edges. Red cushion handles.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length Type of Cut	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 471382 1 EACH	Crescent Tools 9426C Lifetime	CRESCENT Diagonal Cutters. Red Handles 6"	22.80 0.37 0.17	18.98 17.52 16.27
476085 1 EACH	Crescent Tools 9336CV Lifetime	Cresent diagonal cutter with Red cushion grip 6" OAL Diagonal	17.15 0.35 0.16	14.28 13.19 12.24
53869 1 EACH	Crescent Tools 5427C Lifetime	CRESCENT diagonal pliers for heavy duty cutting. 7" Oal Diagonal	22.15 0.64 0.29	18.45 17.03 15.81

KLEIN Journeyman Side-Cutting Pliers

KLEIN Journeyman Side-Cutting Pliers have high-leverage, smooth, streamlined nose and knurled jaws. Comfort grip handle. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length Type of Cut	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 475388 1 EACH	Klein Tools, Inc. J2139NE Lifetime	KLEIN Journeyman Side-Cutting Pliers with knurled jaws. Comfort grip handle. 9-3/8" overall length.	46.55 2 0.91	25.24 23.26 23.26

KLEIN Journeyman Diagonal-Cutting Pliers

KLEIN Journeyman High-leverage, standard-bevel cutting knives, Diagonal-Cutting Pliers with knurled jaws and two-tone comfort grip handle. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length Type of Cut	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 426354 1 EACH	Klein Tools, Inc. J228-8 Lifetime	KLEIN Journeyman High-leverage with knurled jaws and two-tone comfort grip handle. 8-1/8" overall length Standard-bevel cut	39.70 1 0.45	22.48 20.40 19.85

KLEIN Angled Diagonal-Cutting Pliers

KLEIN Diagonal-Cutting Pliers with Angled Head cuts ACSR, screws, nails, and most hardened wire, high-leverage, plastic-dipped handles.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length Type of Cut	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 450339 1 EACH	Klein Tools, Inc. D2000-9ST Lifetime	KLEIN Side-Cutting Pliers for Rebar Work 9-9/32" OAL.	60.30 1.15 0.52	34.14 30.98 30.14
NEW 473399 1 EACH	Klein Tools, Inc. D2000-48 Lifetime	KLEIN Angled Head Diagonal-Cutting Pliers, 8" OAL 8" OAL Diagonal	42.10 0.65 0.3	23.83 21.63 21.05

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KLEIN Diagonal-Cutting Pliers Rebar

Klein Cutting Pliers with Angled Head for Rebar Work high-leverage, hook bend in one handle for improved grip, plastic-dipped handles. USA

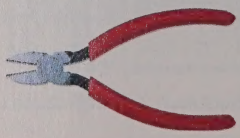
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length Type of Cut	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 494371 1 EACH	Klein Tools, Inc. D248-9ST Lifetime	KLEIN Diagonal-Cutting Pliers, Angled Head for Rebar Work, 9" OAL	32.65 0.75 0.34	18.48 16.77 16.32

CRESCENT Heavy-Duty Diagonal Cutter

CRESCENT Forged alloy steel diagonal cutters. Electronically induction hardened and hand-honed cutting edges with polished head. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length Type of Cut	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 477335 1 EACH	Crescent Tools 5437CE Lifetime	Heavy-duty diagonal cutter. Cuts soft cooper wire up to 22 AWG. Red non-slip, cushion handles. Flush cut edges. 7" Flush Cut.	21.75 0.5 0.23	18.10 16.71 15.51

JONARD Diagonal Plier



JONARD Tapered Nose Diagonal Cutter, bevel knives w/.020"&.045" skinning holes & crusher.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length Type of Cut	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 464367 1 EACH	Jonard Industries Corp JIC-7858 1 Year	JONARD Tapered Nose Diagonal Cutter, bevel knives w/.020"&.045" skinning holes & crusheL 5"	21.60 0.4 0.18	18.80 17.15 16.19

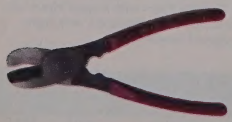
WIRELESS SOLUTIONS BTX Diag Cutter

WIRELESS SOLUTIONS BTX Heavy-duty Diagonal Cable Cutters are hot drop-forged, chrome vanadium steel alloy that are induction-hardened. They feature ergonomic, bi-composite, cushion grip handles. Plier exceeds DIN Standards

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length Type of Cut	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 490380 1 EACH	Wireless Solutions 12240 Lifetime	WIRELESS SOLUTIONS BTX Heavy-duty Diagonal Cable Cutters, Ergonmic Cushion Grip Handles; 6" Diagonal	17.40 0.7 0.32	15.81 14.49 13.38

Cutters, Large Cable [580-53]

Compact Cable Cutter



Precise, on-hand shearing action cuts copper and aluminum wire. Great for multiconductor cables like 100 pair telephone cable. Shear angle makes clean cuts. NOT DESIGNED FOR CUTTING STEEL OR ACSR. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
39967 1 EACH	Klein Tools, Inc. 63055 Lifetime	Klein-compact cable cutter & skinner. Not for steel or ACSR cutting. 8" long	49.40 0.5 0.23	27.96 25.38 24.69

High-Leverage Cable Cutter

High leverage, shear-type design cuts up to 4/0 alumi num and 2/0 soft copper cable. Grips are plastic cov- ered for non-slip handling, and cutterfits neatly into most tool pouches. NOT DESIGNED FOR CUTTIN STEEL OR ACSR. NOT AN INSULATED TOOL.

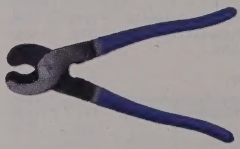
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
44736 1 EACH	H.K Porter 0890CSJ 1 Year	9-1/2" cable cutter, great for coax and telephone cables as well as power cables.	27.20 1.06 0.48	21.88 21.75 21.48

IDEAL Communication Cable Cutter

Designed to cut round communication cable and mai tain cable geometry for better cable performance. Blade cutting capabilities suitable for soft cables. Steel reinforced center conductors can be trimmed with bo cutting holes.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
45749 1 EACH	Ideal Industries 45-074 1 Year	Data T-Cutter will cut multi pai cable up .500 in. and coaxial cable up to RG-9/U.	16.45 1 0.45	14.73 13.69 13.33

WIRELESS SOLUTIONS 2/0 Cable Cutter



WIRELESS SOLUTIONS 2/0 Cable Cutter. Use your cable cutter for 2/0 soft copper wire or 4/0 Aluminu .Blue/Grey Cushion Grip. USA.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 462383 1 EACH	Wireless Solutions 5045 Lifetime	WIRELESS SOLUTIONS 2/0 Cable Cutter for 2/0 soft copper wire or 4/0 Aluminum. 9-1/2"	17.90 0.94 0.43	16.11 15.31 14.15

XCELITE Coax Cable Cutters

XCELITE Coaxial Cable Cutter for RG9 & Cuts soft copper cable (not for steel reinforced cable.)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 412322 1 EACH	Xcelite DCC101V Lifetime	XCELITE Coaxial Cable Cutter for RG9 (not for steel reinforced cable.) 7'	16.00 1.56 0.71	13.33 12.31 11.43

Coax Cable Cutters

XCELITE Cable Cutters are made of stamped harden carbon steel and are designed to cut up to 100 pair group cable & coaxial cable up to RG174/RG9.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 410370 1 EACH	Xcelite DCC100V Lifetime	100-Pair Telcom Cable Cutter. Cut coax up to RG174/RG9. 6"	17.10 4.08 1.85	14.25 13.15 12.21

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BECO 1AWG Cable Cutter

ABECO Cable Cuttters. Precision, high quality carbon steel cutters. Durable, dipped non-slip handles. Cuts up to 1 AWG

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 9364 EACH	Ripley 39430 Lifetime	ABECO Cable Cuttters. Cuts up to 1 AWG wire sizes.	22.65 0.9 0.41	21.66 20.73 19.89

oaxial Cable Cutter

Your WIRELESS SOLUTIONS 100 Pair 2/0 Cable Cutter cuts up to 100 pr group telephone cable,2/0awg solid or stranded &RG-9U. Not for steel. Molded comfort handles. 8.5" OAL

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 0326 EACH	Wireless Solutions 10550 Lifetime	100 Pair 2/0 Cable Cutter. Not for steel. 8.5" OAL 8.5" OAL	20.70 0.75 0.34	18.82 17.25 15.92

oaxial Cable Cutter

CXC-1 cuts up to 1.00 inch trunk and distribution coaxial cable and copper cable with no cable distortion. Lightweight and easy to use. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
0263 EACH	Ripley CXC-1 1 Year	CABLEMATIC coaxial cable cutter. Effective for cutting up to 1.00" trunk and distribution cable. 8"	47.10 0.74 0.34	44.99 43.06 41.32

atcheting Cable Cutter

IDEAL Ratcheting Cable Cutter. Features hardened steel blades to cut 750 KCMIL and smaller hard-drawn copper and aluminum cables.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 9367 EACH	Ideal Industries 35-053 Lifetime	IDEAL Ratcheting Cable Cutter	288.15 0.01 0	258.15 240.00 233.66

.K. PORTER Center Cut Cutters

All-purpose jaws with center-cut jaws cuts soft, medium, hard metals to Brinell 455/Rockwell C48. Toggle joints turn 50m lbs. Hand pressure to 4000 lbs. Screw-type adjustment alignment, Fiberglass handles.

tinuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 9334 EACH	H.K Porter 0090FC Lifetime	H.K. PORTER All-purpose center-cut Cable Cutter. Fiberglass handles. 18"	148.70 3.5 1.59	123.87 114.35 106.18

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 474313 1 EACH	H.K Porter 0190FC Lifetime	Center Cut Cutter 24"	175.85 4.5 2.05	146.46 135.21 125.54
NEW 479359 1 EACH	H.K Porter 0290FC Lifetime	Center Cut Cutter 30"	209.75 7.5 3.41	174.73 161.30 149.77

HK PORTER Wire Rope and Cable Cutter

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 456397 1 EACH	H.K Porter 0690TN Lifetime	7-1/2" Wire Rope & Cable Cutter. 3/16" cable cap.	33.60 1 0.45	27.96 25.81 23.97

Antenna Rod Cutter

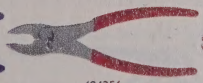
Antenna rod cutters used to cut all diameters up to .157" or .115"

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
56484 1 EACH	Maxrad, Inc MARC2 1 Year	Antenna rod cutter cuts all diameters up to .157" Features a lever action for easy and quick cuts. Length: 6"	94.45 0.8 0.36	47.21 43.44 43.34
70952 1 EACH	H.K Porter PWC-9 1 Year	Antenna rod cutter cuts up to .115" diameter rod Length 8.5"	17.10 0.5 0.23	14.25 13.15 12.21

Adjustable Pliers [580-55]

Combination Slip Joint Pliers

427354



484356

42866

77265

Chrome plated heavy duty slip joint pliers. Forged alloy steel construction.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 427354 1 EACH	Wireless Solutions 7006 Lifetime	6" Slip-Joint Pliers with wire cutter. Blue/Grey Cushion Grip.	8.30 0.38 0.17	7.47 7.10 6.56
NEW 484356 1 EACH	Crescent Tools L26CV Lifetime	CRESCENT Combination Slip Joint Plier. Length 6-3/4". Cushion grip. Thin straight nose. Chrome plated. USA	12.10 0.4 0.18	9.71 9.65 9.53
42866 1 EACH	K-D Tools 45 707 Lifetime	6" Slip Joint Plier. Cushion grip.	14.65 0.14 0.06	13.74 13.66 13.52
77265 1 EACH	Xcelite H26 Lifetime	6" Slip Joint Plier.	7.70 0.48 0.22	6.42 5.93 5.50
81259 1 EACH	K-D Tools 45 708 Lifetime	8" Slip Joint Plier. Cushion grip.	17.90 0.14 0.06	16.81 16.72 16.54

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WIRELESS SOLUTIONS No Mar Pliers

449370 499328

Featuring an 8-step movable adjustment and spring-loaded jaws, your no-mar pliers are made of high carbon steel, with small synthetic resin square inset jaws. Open to a width of 46mm (1.75"). Cushion grip handles. 10" overall length. Japan

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 449370 1 EACH	Wireless Solutions 95691 3 Years	NoMar Pliers 8-step movable adjustment. Opens to 1.75". 11" OAL	24.80 1 0.45	22.83 20.89 18.39
NEW 499328 1 EACH	Wireless Solutions 95693 3 Years	8-step movable adjustment; with small synthetic resin square inset jaws. Opens to 1.75". 10" OAL	11.85 0.75 0.34	10.92 9.99 8.80
NEW 468334 1 EACH	Wireless Solutions 95704 30 Days	Replacement Jaws for 10" No Mar Pliers.	3.80 0.25 0.11	3.48 3.18 2.80
NEW 436346 1 EACH	Wireless Solutions 95702 30 Days	Synthetic square jaw replacement resin inset jaw set for 10" No Mar Pliers.	4.85 0.25 0.11	4.47 4.09 3.60

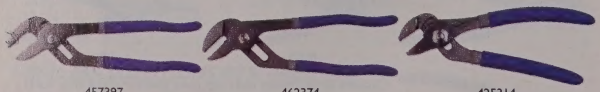
Ignition Pliers

14802 75817

Narrow jaw for close work. Forged alloy steel construction. Red plastic coated cushion grip handles. 3 opening adjustment to 1/2". Overall length 5".

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
14802 1 EACH	K-D Tools 45 710 Lifetime	Small, strong pliers firmly grip small nuts. Milled jaws lock in three positions up to 1/2" wide. Chrome plated. Cushion grip handles 5" in length.	15.90 0.14 0.06	14.92 14.84 14.68
75817 1 EACH	Xcelite 50CG Lifetime	Midget slip joint pliers.	18.55 0.17 0.08	15.45 14.26 13.24

Groove Joint Pliers



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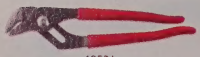


68531

All purpose groove joint pliers. Angles serrated teeth in the jawswith wide opening. 4 position rib lock design. Plastic coated cushion grip handles.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 457397 1 EACH	Wireless Solutions 8010 Lifetime	WIRELESS SOLUTIONSGroove Joint Pliers. Blue/Grey Cushion Grip. 10" overall length. USA.	11.90 0.89 0.4	10.71 10.18 9.41
NEW 462374 1 EACH	Wireless Solutions 8007 Lifetime	WIRELESS SOLUTIONS Groove Joint Pliers. Blue/Grey Cushion Grip. 7" overall length.	10.80 0.52 0.24	9.72 9.24 8.54
NEW 425314 1 EACH	Wireless Solutions 8005 Lifetime	WIRELESS SOLUTIONS Groove Joint Pliers. Blue/Grey Cushion Grip. 5" overall length. USA	10.90 0.16 0.07	9.81 9.32 8.62
36374 1 EACH	Xcelite 53CG Lifetime	7" groove joint pliers. 1-1/8" max jaw opening.	15.00 0.44 0.2	12.47 11.51 10.69
68531 1 EACH	Xcelite R210C Lifetime	10" groove joint pliers. Maximum jaw opening 1-1/2".	18.70 0.94 0.43	15.55 14.35 13.33
40038 1 EACH	Crescent Tools R212CV Lifetime	12" groove joint plier. 2-3/8" max jaw opening.	23.40 1.38 0.63	19.50 18.00 16.71
85520 1 EACH	Crescent Tools RT216CV Lifetime	17" groove joint plier. 4-1/4" max jaw opening.	37.95 4 1.82	31.59 29.16 27.08

Snap Ring Pliers

83389

For use on small internal and external snap rings where space limited, use on external ring sizes 1/8"- 1", use on internal rin sizes 1/4" - 1", sizes: .023 straight, .036, .047 straight and 90 degrees.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
83389 1 EACH	K-D Tools 3150	For use on small internal and external snap rings where space is limited. Use on internal sizes 1/4 - 1" and 1/8" - 1" on external sizes.	26.95 0.1 0.05	26.12 25.98 25.71

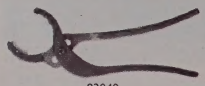
Smart-Grip Self-Adjusting Pliers

61979

Self-Adjusting jaws grips to 9 different positions automatically with the squeeze of a hand. Patented cam mechanism secures jaw position for quick, firm applications. Handles lock in close position for convenient storage. Curved jaw design grasps round orirregular objects up to 1-1/4 inches firmly and easily.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
61979 1 EACH	Ideal Industries 35-120 Lifetime	9" self-adjusting pliers	32.00 1.03 0.47	28.64 26.63 25.92

Soft Jaw Connector Pliers



83040

N connector plier designed with soft jaws for tightening N an UHF connectors. Works on any other knurled type surface.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
83040 1 EACH	Crescent Tools 52910 Lifetime	Soft Jaw Connector Plier. 10" in length	38.55 0.72 0.33	30.82 30.44 29.86
62162 1 EACH	Crescent Tools 529-10KIT Lifetime	Replacement nylon inserts for the 529-10 jaws. Includes mounting screws.	5.30 0.1 0.05	4.21 4.16 4.08

Locking Curved Jaw Pliers

You know them, you love them: Locking Pliers. The world would be a much more difficult place without these short-nosed locking pliers. Forged steel jaws with non-slip serations.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
478056 1 EACH	Klein Tools, Inc. 10210 Lifetime	10" Locking Pliers. One hand release lever.	24.15 1.5 0.68	13.66 12.40 12.06

KLEIN Journeyman Pump Pliers, 10"

KLEIN Journeyman Pump Pliers has six machined tongue & groove positions. Adjusts to a max. 1-3/4" (4 mm). Includes induction hardened jaws, robust teeth for gripping, tension-loaded joint, and comfort grip ha dle. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 459384 1 EACH	Klein Tools, Inc. J502-10 Lifetime	KLEIN Journeyman Pump Pliers.	38.10 1 0.45	21.55 19.56 19.03

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Wrenches [580-56]

If you are buying these, you may need:

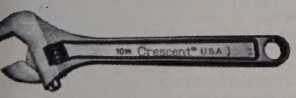
Tool Cases without Tools.....page 1531
Nuts, HEX and Keep .....page 1759
Washers .....page 1760

Cushion Grip Adjustable Wrenches

Chrome plated wrenches with polished heads. Rugged construction features a plastic cushion grip cover on the handle.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 64368 EACH	Wireless Solutions 9004G Lifetime	Adjustable Wrench. Precision knurled nut assures grip with smooth, positive jaw opening. Blue/Grey Cushion Grip. 4" OAL. USA.	10.00 0.12 0.05	8.51 7.74 7.26
NEW 78383 EACH	Wireless Solutions 9006G Lifetime	WIRELESS SOLUTIONS Padded Adjustable Wrench. Precision knurled nut assures grip with smooth, positive jaw opening. Blue/Grey Cushion Grip. 6" OAL. USA.	16.10 0.29 0.13	13.69 12.46 11.68
NEW 45377 EACH	Wireless Solutions 9008G Lifetime	WIRELESS SOLUTIONS Adjustable Wrench. Precision knurled nut assures grip with smooth, positive jaw opening. Blue/Grey Cushion Grip. 8" OAL. USA.	16.65 0.48 0.22	14.18 12.90 12.10
6716 EACH	Xcelite 44CG Lifetime	4" adjustable wrenchwith 1/2" max jaw opening.	20.85 0.17 0.08	17.35 16.02 14.87
NEW 91379 EACH	Wireless Solutions 9010G Lifetime	Adjustable Wrench. Precision knurled nut assures grip with smooth, positive jaw opening. Blue/Grey Cushion Grip. 10" OAL. USA.	20.25 0.98 0.45	17.26 15.70 14.72
5109 EACH	Xcelite 46CG Lifetime	6" adjustable wrenchwith 3/4" max jaw opening.	21.60 0.34 0.15	18.00 16.61 15.43
3502 EACH	Xcelite 48CG Lifetime	8" adjustable wrenchwith 15/16" max jaw opening.	22.65 0.67 0.3	18.86 17.41 16.17

Adjustable Wrenches



World Famous Crescent wrenches for professionals. Unique tension spring stabilizes the jaw. Alloy heat treated steel gives these wrenches great strength with minimum weight. Chrome plated finish.

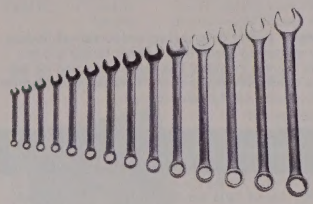
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 14347 EACH	Crescent Tools AC112V Lifetime	CRESCENT Adjustable Wrench. 12" adjustable wrench with 1-1/2" max jaw opening	36.00 1.63 0.74	27.00 26.28 25.20
NEW 14392 EACH	Crescent Tools AC110V Lifetime	CRESCENT Adjustable Wrench. 10" adjustable wrench with 1-5/16" max jaw opening. USA	25.10 1.06 0.48	20.90 19.30 17.92
NEW 39345 EACH	Crescent Tools AC14V Lifetime	CRESCENT Adjustable Wrench. 4" adjustable wrench with 1/2" max jaw opening. USA	17.10 0.22 0.1	13.77 13.68 13.51
6924 EACH	Crescent Tools AC16 Lifetime	6" adj. wrench with 3/4" max jaw opening.	19.80 0.32 0.15	16.50 15.23 14.14
5317 EACH	Crescent Tools AC18 Lifetime	8" adj. wrench with 15/16" max jaw opening.	20.55 0.58 0.26	17.11 15.80 14.67
8323 EACH	Crescent Tools AC110 Lifetime	10" adj. wrench with 1-1/8" opening.	26.40 1.25 0.57	22.00 20.31 18.85
9623 EACH	Allen Tools 24012 Lifetime	12" adj wrench with 1-5/16" max jaw opening.	40.50 1.64 0.75	33.21 32.81 32.40
3710 EACH	Crescent Tools AC112 Lifetime	12" adj. wrench with1-5/16" jaw opening.	37.80 1.64 0.75	31.48 29.06 26.98
8534 EACH	Armstrong Tools 28-415 Lifetime	15" adj wrench with 1-11/16" max jaw opening.	64.95 3.5 1.59	44.94 42.99 41.18

Midget Open-End Wrench Sets

Midget combo box wrenches have the same size opening on each end. Chrome finish

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
58137 1 EACH	Allen Tools 29025 Lifetime	10 piece midget combo wrench kit. 6pt 5/32", 6pt 3/16", 12pt 13/64",12pt 7/32", 12pt 15/64", 12pt 1/4", 12pt 9/32", 12pt 5/16", 12pt 3/8", 12pt 7/16"	35.25 1 0.45	24.38 23.32 22.33

COMBINATION SAE OR METREIC WRENCH SETS



ALLEN wrenches are constructed of drop-forged, alloy steel with nickel-chrome finish. They feature the Allendrive(r) Box End for maximum torque with less chance of head rounding due to the Chamfered edges. The box end features a 15-degree offset handle for better knuckle clearance. USA.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
68604 1 EACH	Allen Tools 29014 Lifetime	7pc SAE sizes combination wrench kit. Sizes (inches) 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4 inroll pouch.	57.15 2.05 0.93	39.55 37.83 36.23
23943 1 EACH	Allen Tools 29018 Lifetime	Metric 7 piece combination wrench kit. Sizes (in mm): 7,9,10,11,13,14,15. Tool roll.	55.70 1.78 0.81	38.52 36.85 35.29
75550 1 EACH	Allen Tools 29013 Lifetime	9 piece combination wrench kit. Sizes (in inches): 1/4, 5/16,3/8,7/16,1/2, 9/16,5/8,11/16,3/4. Tool Roll.	79.85 2.12 0.96	55.23 52.84 50.60
49122 1 EACH	Allen Tools 29011 Lifetime	11 piece SAE wrench kit. Sizes (in inches): 3/8, 7/16,1/2,9/16,5/8, 11/16,3/4,13/16,7/8,15/16,1. Tool roll.	113.50 4.84 2.2	78.55 75.14 71.96
73386 1 EACH	Allen Tools 29011B Lifetime	11 piece combinationwrench kit. Sizes (in inches): 3/8, 7/16,1/2,9/16,5/8, 11/16,3/4,13/16,7/8,15/16,1. Tool roll.	96.50 4.78 2.17	66.77 63.87 61.17
38406 1 EACH	Allen Tools 29017 Lifetime	Metric 11 piece combination wrench kit. Sizes (in mm): 7,8,9,10,11,12,13,14,15,17,19. Tool roll.	91.25 2.25 1.02	63.14 60.40 57.84
20458 1 EACH	Allen Tools 29016 Lifetime	15pc Metric combination wrench kit. Sizes (in mm): 7,8,9,10,11,12,13,14,15,16,17,18,19,21, 22mm in vinyl roll pouch.	140.30 4.09 1.86	97.09 92.88 88.95
32682 1 EACH	Allen Tools 29010 Lifetime	14 piece combinationwrenches. SAE sizes (in inches): 3/8, 7/16,1/2,9/16,5/8, 11/16,3/4,13/16,7/8,15/16,1,1 1/16,1 1/8,1 1/4.Tool roll.	219.25 9.09 4.13	151.71 145.13 139.00

Fixed Wrench

Large sized fixed wrenches. Particularly suited for large coaxialconnectors. Head is offset at 30 degrees for greater torque. Heads are polished and mirror chrome plated; handles are satin finish.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
10715 1 EACH	Armstrong Tools 28-024 Lifetime	3/4" opening for 1/2" coaxial connectors. 6 5/16" Long	23.40 0.24 0.11	16.17 15.47 14.81
82543 1 EACH	Armstrong Tools 28-028 Lifetime	7/8" opening for 1/2" coaxial connectors. 6 5/16" Long	24.00 0.24 0.11	16.60 15.88 15.21
30936 1 EACH	Armstrong Tools 28-030 Lifetime	15/16" opening for 1/2" coaxial connectors. 7 1/16" Long	24.10 0.25 0.11	16.67 15.95 15.27
69329 1 EACH	Armstrong Tools 28-036 Lifetime	1-1/8" opening for 1-1/4" coaxial connectors. 7 1/16" Long	25.65 0.24 0.11	17.74 16.97 16.25
99766 1 EACH	Armstrong Tools 28-040 Lifetime	1 1/4" opening for 7/8" coaxial connectors.	26.90 0.25 0.11	18.61 17.80 17.05
17722 1 EACH	Armstrong Tools 28-044 Lifetime	1-3/8" opening for 7/8" coaxial connectors. 7 13/16"Long	27.25 0.45 0.2	18.85 18.04 17.27

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
25648 1 EACH	Armstrong Tools 28-052 Lifetime	1 5/8" opening	32.40 0.68 0.31	22.40 21.43 20.53
73338 1 EACH	Armstrong Tools 28-056 Lifetime	1 3/4" opening for 1 1/4" coaxial connectors.	32.40 0.68 0.31	22.40 21.43 20.53
21731 1 EACH	Armstrong Tools 28-072 Lifetime	2 1/4" opening for 1 5/8" coaxial connectors.	35.70 0.68 0.31	24.71 23.64 22.64
87565 1 EACH	Armstrong Tools 28-080 Lifetime	2 1/2" opening for 1 5/8" Commscope coaxial connectors.	37.25 0.75 0.34	25.77 24.65 23.61

9pc 3/8" Drive, 6pt Socket Set

Set includes 9, 6 point, deep sockets and socket rail. Sockets feature the patented Allendrive for higher torque and less chance for fastener rounding. Thinwall construction for better access tofasteners in limited areas. Precision cold formed for exact,consistant and greater strength.

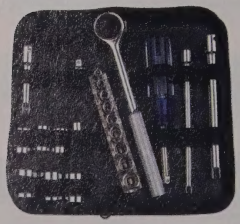
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
34116 1 EACH	Allen Tools 19127 Lifetime	9 piece, 6 point, 3/8" drive socket. Sizes (in inches): 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, and 7/8. Includes socket rail.	45.05 1 0.45	31.16 29.81 28.55

WIRELESS SOLUTION SAE Socket Set, 14 Pc

WIRELESS SOLUTIONS 1/4" Combo SAE Socket Set, 14 Pc. 1/4"SAE 6pt Sockets: 3/16, 7/32, 1/4, 9/32,5/16, 11/32, 3/8, 7/16, &1/2";1/4" Drive Acces: Ratchet, 3" & 6" Extension Bars; 6" Spinner Handle Black Zipper Case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 417342 1 EACH	Wireless Solutions 501 Lifetime	WIRELESS SOLUTIONS 1/4" Combo SAE Socket Set, 14 Pc.	30.35 1.25 0.57	25.84 23.51 22.05

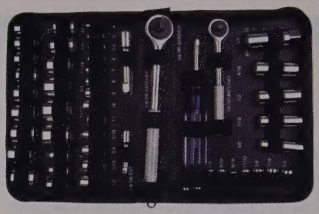
WIRELESS SOLUTIONS 1/4& 3/8" Set, 23 pc



WIRELESS SOLUTIONS 1/4" & 3/8" Combo SAE Socket Set, 23 Pc. 1/4"SAE Dr 6pt Sockets; 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, &1/2"; 1/4" Drive Acces: Drive Ratchet, 3" & 6" Extension Bars,6" Spinner Handle; 3/8" Dr SAE 6pt Sockets; 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4"; 3/8" Drive Acces: Drive Ratchet; 3" & 6" Extension Bars; 3/8" Female x 1/4" Male Adapter.Black Zipper Case. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 446386 1 EACH	Wireless Solutions 701 Lifetime	WIRELESS SOLUTIONS 1/4" & 3/8" Combo SAE Socket Set, 23 Pc.	66.45 2.74 1.25	56.62 51.52 48.31

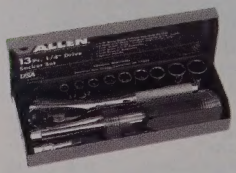
WIRELESS SOLUTIONS 1/4& 3/8" Set, 50 pc



Wireless Solutions 1/4"& 3/8" Drive Combination Socket Kit - 50 Pc; 1/4"SAE Dr 6pt Sockets:3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, & 1/2"; 1/4" Drive Acces: Ratchet; 2" Extension Bar; 6" Spinner Handle; 1/4" Metric 6pt Sockets: 4, 5, 5.5, 6, 7, 8, 9, 10 & 11mm; 3/8" Dr SAE 6pt Sockets 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16 & 7/8"; 3/8"Metric 6pt Sockets: 8,9,10,11,12,13,14,15,16,17,18&19mm; 3/8" Dr 12pt Deep Sockets: 3/8, 7/16, 1/2 & 9/16"; 3/8" Drive Acces: Drive Ratchet; 3" Extension Bar; 5/8" Sparkplug Socket 6 pt Black Zipper Case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 491399 1 EACH	Wireless Solutions 901 Lifetime	WIRELESS SOLUTIONS 1/4"& 3/8" Drive Combination Socket Kit - 50 Pc Set.	83.55 5.14 2.34	71.20 64.79 60.74

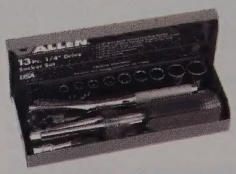
1/4" DRIVE SAE & METRIC 6Pt SOCKET SETS



All ratchets feature a lock-on/quick-off release design that secures the socket and provides easier socket release. A quick-flip thumb lever allows for easy one-hand reversing. All sockets are chamfered to reduce the possibility for fastner rounding. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
16059 1 EACH	Allen Tools 19009 Lifetime	13 piece, 6 point, 1/4" drive socket. Sizes (in inches): 3/16,7/32,1/4,9/32, 5/16,11/32,3/8,7/16,1/2. Also has 6" & 1 1/2" extension, spinner handle, Economy ROUND HEAD RATCHET drive in a metal carry case.	49.00 1.44 0.65	33.89 32.42 31.05
28024 1 EACH	Allen Tools 19019 Lifetime	Metric 14 piece, 6 point 1/4" drive sockets. Sizes (in mm): 4, 5, 6, 7, 8, 9, 10, 11, 12, 13mm,1-1/2 & 3" extension, Spinner handle, and standard round head ratchet in a metal carry case.	49.75 1.5 0.68	34.42 32.93 31.53
54452 1 EACH	Allen Tools 19011 Lifetime	21 piece, 6 point, 1/4" drive socket. Sizes (in inches): 3/16,7/32,1/4,9/32, 5/16,11/32,3/8,7/16,1/2. All sockets in both standard and Deep sizes. Quick Release TEAR-DROP RATCHET, 3" and 6" extensions, Driver handle, Universal joint in metal case.	103.70 3.26 1.48	71.74 68.63 65.72
79320 1 EACH	Allen Tools 19142 Lifetime	41 Pc set also incl:3/8" drive extension in 3". Standard round head 3/8" ratchet in a handy cordora zipper case.	98.25 1.9 0.86	67.97 65.03 62.28

3/8"DRIVE SAE or METRIC 12Pt SOCKET SETS



All ratchets feature a lock-on/quick release design that secures the socket and provides easier socket releasing. A Quick-Flip Reversing lever on the ratchet provides for easy one hand reversing. All sockets feature a chamfered opening & the patented Allendrive for higher torque & less chance for fastener rounding

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
53203 1 EACH	Allen Tools 19220 Lifetime	12 piece, 12 point 1/2" drive socket. Sizes (in inches): 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1" sockets, 6" extension, and standard round head ratchet in a metal carry case.	65.05 6.2 2.82	45.02 43.07 41.25
66417 1 EACH	Allen Tools 19135 Lifetime	12 piece, 12 point, 3/8" drive sockets. Sizes (in inches): Standard sizes, 3/8,7/16,1/2,9/16,5/8, 11/16,3/4, 13/16", 5/8" spark plug socket, 3" & 6" extensions, STANDARDROUND HEAD ratchet in a metal case.	59.00 4.1 1.86	40.82 39.05 37.40
79631 1 EACH	Allen Tools 19136 Lifetime	18 piece, 12 point, 3/8" drive sockets. Sizes (in inches): Standard & deep- 3/8,7/16,1/2,9/16,5/8, 11/16,3/4. Also has 5/8" spark plug socket, 3" & 6" extensions, STANDARDROUND HEAD ratchet in metal case.	68.45 5.47 2.49	47.37 45.32 43.40
NEW 463112 1 EACH	Allen Tools 19211 Lifetime	16 piece, 12 point 1/2" drive socket. Sizes (in inches): 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-116, 1-18, 1-14" sockets, 6" extension, and standard round head ratchet in a metal carry case.	147.60 9 4.09	102.12 97.69 93.56

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tinuing product table (2 of 2)

rt No. y/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
9091 EACH	Allen Tools 19230 Lifetime	23 pc 3/8" SAE Drive 6Pt. Socket Set. 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16" Standard Sockets; 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8" Deep Skts; 5/8" 6pt Spark Plug; 3&6" Extensions; Reversible Ratchet; Case	100.50 4.7 2.14	94.47 93.97 92.97

7 Pc SAE & Metric Socket Set

Includes 1/4" dr 6pt sockets in standard sizes from 5/32" to 1/2".1/4" dr 6pt metric sockets from 4mm to 13mm. 3/8" dr 12pt socketsfrom 3/8" to 13/16. 3/8" dr 12pt Deep sockets in 3/8, 7/16, 1/2, 9/16, & 3/4". 3/8"dr metric 12pt sockets from 9mm to 19mm.5/8" spark plug socket, 1/4" spinner handle, 1-1/2" 1/4" drive extender

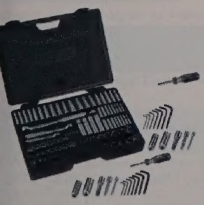
rt No. y/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
9398 EACH	Allen Tools 19125 Lifetime	57 Pc set also incl:3/8" drive extensionin 3" & 6" lengths, 3/8 to 1/4" adapters and Quick Release Teardrop ratchet, and Short arm hex wrenches from 5/64 to 1/4". All conveniently packed in a double wall polyethylene case.	185.85 1.9 0.86	128.59 123.01 117.81

5 Pc SAE & Metric Socket Set

Includes 1/4" dr 6pt sockets in standard sizes from 5/32" to 1/2".1/4" dr 6pt deep sockets from 3/16 to 7/16. 1/4" dr metric socketsfrom 4mm to 13mm, deep well 6mm to 10mm. 1/4" dr 3" extension, 1/4drive ratchet and spinner handle. 3/8" dr 12pt sockets from 3/8 to13/16, 12pt deep 3/8 to 7/8, 12pt metric from 10-19mm

rt No. y/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
6106 EACH	Allen Tools 19144 Lifetime	85 Pc set also incl:12pt deep metric sockets from 10-19mm, 5/8 and 13/16 spark plug sockets, 3" 3/8 extension, round head ratchet, and drive adapter. Also 7pc hex key setconveniently packed in a double wall polyethylene case.	186.35 1.9 0.86	128.94 123.35 118.14

07 pc SAE/Metric Socket Set



Includes 1/4" dr 6pt sockets in standard sizes from 5/32" to 1/2".1/4" dr 6pt metric sockets from 4mm to 13mm. Deep sockets 1/4 dr from 3/16 to 7/16, and 4mm-11mm. 3" 1/4" extension, 1/4" ratchet driver, and spinner handle. 3/8" round ratchet driverwith12pt 3/8" drive sockets from 3/8 to 13/16, metric from 10mm-19mm

rt No. y/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
9678 EACH	Allen Tools 19222 Lifetime	107 pc set also incldeep 3/8 dr sockets from 3/8 to 7/8, and10mm-19mm. Also 5/8 and 13/16 spark plugsocket, 3" 3/8 driveextension, 1/2 driveratchet, 1/2 dr sockets from 1/2 to 15/16, 18mm- 22mm. Deep 1/2 dr sockets 1/2 to 11/16. 3" 1/2dr ext, 7pc hex keys	261.95 3 1.36	181.27 173.41 166.07

Eliminator Ratchet System

The Eliminator is a completely new design that far surpasses current square drive ratchet sets. The ratchet is 40% stronger and50% slimmer giving it unsurpassed transfer of power and access in tight areas. Since bolts pass through the head, any nut,overany length of bolt is accessible.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
411005 1 EACH	Armstrong Tools 16-218 Lifetime	11 pc fractional set includes: 3/8",7/16",1/2",9/16",5/8", 11/16", and 3/4" sockets; Two 3/8" Thru Hole extensions (1.5" and 3"), Square drive adaptor and Eliminator ratchet in a steel storage case.	151.25 3.99 1.81	104.66 100.13 95.89

48 Pc 3/8" SAE/Metric Socket Set

48 piece Allen socket set in heavy duty, blow molded case. High quality chrome finish.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
57923 1 EACH	Allen Tools 19232 Lifetime	48 pc 3/8" drive 6ptsocket set.Includes:10 Standard sockets (1/4-13/16"), 9 deepsockets (3/8-7/8"), 14 metric sockets(6-19mm),11 deep metricsockets(9-19mm),3" &6" ext, round head ratchet, spark plug socket, and blow molded case.	187.10 4.3 1.95	129.46 123.84 118.61

4 Pc SAE Ratcheting Box Wrench Kit

Nickel-chrome finish provides long lasting corrosion resistance. Ratcheting box end make turning bolts a breeze in tight areas or where the bolt is too long for a socket wrench.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
33219 1 EACH	Allen Tools 29301 Lifetime	4 piece ratcheting box wrench kit: (in inches): 1/4" x 5/16", 3/8" x 7/16", 1/2" x 9/16", 5/8" x 11/16", in a vinyl pouch.	59.30 2.05 0.93	41.04 39.26 37.60
92047 1 EACH	Allen Tools 22604 Lifetime	Individual wrench: 1/4" x 5/16"	11.45 0.36 0.16	7.92 7.58 7.26
40440 1 EACH	Allen Tools 22608 Lifetime	Individual wrench: 3/8" x 7/16"	13.10 0.36 0.16	9.05 8.66 8.29
78833 1 EACH	Allen Tools 22610 Lifetime	Individual wrench: 1/2" x 9/16"	14.95 0.75 0.34	10.33 9.88 9.46

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Quick Release Ratchet Driver

Ratchet handle features lock-on/quick release design that secures socket and provides easier socket releasing. It also has a Quick Flip reversing lever for easy one hand reversing. The teardrop shape gives better operation in tight spots and provides greater strength. 36 teeth. 10 degree ratcheting arc.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
91596	Allen Tools	1/4" drive handle	25.20	20.64
1 EACH	10900		1	20.39
	Lifetime		0.45	20.14
26775	Allen Tools	3/8" drive handle	29.30	24.02
1 EACH	11900		1	23.73
	Lifetime		0.45	23.44

Standard Round Head Ratchet

Ratchet handle features a cost effective alternative to the tear drop designs. Provides the same high torque and durability with a 45 tooth, 8 degree ratcheting arc for even greater tight spot manuveranbility.

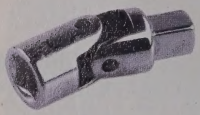
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
65168	Allen Tools	1/4" drive handle	18.75	15.36
1 EACH	10909		1	15.18
	Lifetime		0.45	14.99
78382	Allen Tools	3/8" drive handle	22.10	18.11
1 EACH	11913		1	17.89
	Lifetime		0.45	17.67

Wobble Extensions for Socket Driver

Wobble extension allows 15 degrees of wobble for tough to reach situations. Use with any socket driver.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
51954	Allen Tools	1/4" drive, 3" wobble extension.	8.70	7.12
1 EACH	10912		0.08	7.04
	Lifetime		0.04	6.95
90347	Allen Tools	1/4" drive, 6" wobble extension.	10.45	8.56
1 EACH	10913		0.08	8.45
	Lifetime		0.04	8.35
77133	Allen Tools	3/8" drive, 6" wobble extension.	16.30	13.35
1 EACH	11914		0.5	13.18
	Lifetime		0.23	13.02

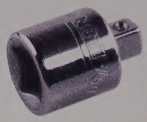
Universal Joints for Socket Drivers



Universal Joints for Socket Drivers for tight situations. Use with any socket driver.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
12312	Allen Tools	1/4" drive universaljoint. 1.3".	13.95	11.41
1 EACH	10930		0.15	11.27
	Lifetime		0.07	11.13
25526	Allen Tools	3/8" drive universaljoint. 2".	14.45	11.83
1 EACH	11930		0.36	11.68
	Lifetime		0.16	11.54
63919	Allen Tools	1/2" drive universaljoint. 2.67".	17.10	14.00
1 EACH	12830		0.36	13.83
	Lifetime		0.16	13.66

Drive Adapters



Drive adapters allow the use of a different drive size socket and driver.

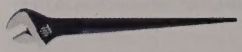
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
50705	Allen Tools	3/8" to 1/4" drive adapter.	4.35	3.57
1 EACH	11927		0.18	3.53
	Lifetime		0.08	3.48

3/8" Drive Crowfoot Wrenches

Standard Crowfoot wrenches for use with ratcheting style torque wrenches. (found in section 580-71) Great for connectors with torque specifications.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
58003	Allen Tools	3/4" Crowfoot Wrench for 3/8" drive ratchets.	15.20	10.50
1 EACH	20557		0.12	10.05
	Lifetime		0.05	9.62
56754	Armstrong Tools	15/16" Crowfoot wrench for 3/8" drive ratchets.	17.35	11.99
1 EACH	11-859		1	11.47
	Lifetime		0.45	10.99
NEW	Armstrong Tools	1" Crowfoot wrench for 3/8" drive ratchets.	17.55	12.13
488175	11-860		1	11.60
1 EACH	Lifetime		0.45	11.11

Spud Wrench



Versatile wrench fits all nuts and bolts to 1 1/2" (381.1mm). Eliminates the need for carrying several fixed-size wrenches. Dropforged from select alloy stee with continous-taper handle. Industrial black finish.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Klein Tools, Inc.	15" Spud Wrench, Black finish. Fits all nuts and bolts to 1 1/2".	89.50	50.66
461177	3239		1.2	45.97
1 EACH	1yr		0.55	44.73

Pipe Wrenches

18 Inch, Strait Pipe Wrench18 Inch , 2-1/2 Inch Cap, Heavy Duty, Cast Iron

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Klein Tools, Inc.	KLEIN Pipe Wrench, 24" Straight-Pattern; 3" pipe capacity.	130.55	73.92
450393	21224		10	67.08
1 EACH	Lifetime		4.54	65.27
NEW	Klein Tools, Inc.	KLEIN Pipe Wrench, 18" Straight-Pattern; 2-1/2" pipe capacity.	83.25	47.12
461361	21218		6	42.76
1 EACH	Lifetime		2.73	41.61
462168	Wireless Solutions	24" Cast-Iron Straight Pipe Wrench, 3 " Pipe Capacity	83.90	60.41
1 EACH	4A501		10	58.73
	30 days		4.54	57.06
492197	Wireless Solutions	18" straight pipe wrench	66.50	47.88
1 EACH	4A500		6.07	46.55
	30 days		2.76	45.22
NEW	Klein Tools, Inc.	KLEIN Pipe Wrench, 14" Straight-Pattern; 2" pipe capacity.	58.75	33.26
499396	21214		4	30.18
1 EACH	Lifetime		1.82	29.37

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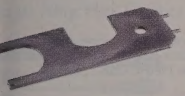
Adjustable Spanner Wrenches

Adjustable pin spanner wrenches for installing Wireless Solutions connectors for larger cable. Black Finish

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
75917 EACH	Allen Tools 21757 Lifetime	1-1/4 to 3" range 3/16" pin diameter Fits Wireless Solutions connectorsfor 1-5/8" cable.	42.60 0.55 0.25	29.48 28.21 27.01

3/4" Hole Mount Wrench



Tool for easy installation and removal of 3/4" hole mount antennas.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
76562 EACH	Maxrad, Inc MWT	Hole mount wrench.	5.95 0.8 0.36	3.10 2.89 2.79

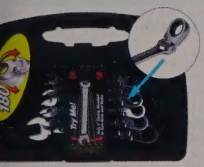
Ratcheting Combination Wrenches

7pc ratcheting combination wrench set. 72 tooth ratchet with a 5 degree swing compared to 30 degrees for standard wrenches.

- Plastic Keep and Carry case
- 5 Degree Swing, 72 tooth ratchet

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
27118 EACH	Crescent Tools FRM7 Lifetime	METRIC 7pc ratcheting combination wrench set, kit includes 8mm, 10mm, 12mm, 13mm, 14mm, 15mm, 18mm	65.70 3.8 1.73	54.70 50.50 46.89
39102 EACH	Crescent Tools FR7 Lifetime	SAE 7pc ratcheting combination wrench set, kit includes 5/16,3/8,7/16,1/2,9/16,5/8,3/4	65.70 2.9 1.32	54.70 50.50 46.89

Pivot Head Ratcheting Combo Wrenchs

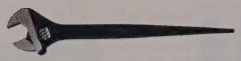


The box end ring gear has 72 extra fine teeth, allowing the ratchet mechanism to engage with just a 5 degree movement of the wrench compared 30 degrees with standard wrenches. The Pivot head swivels 180 degrees for ultimate versatility. This allows the box end of the wrench to access work a standard flat wrench would not be able to reach.

- Pivot head swivels 180 degrees for ultimate versatility
- Works at angles other flat wrenches will not handle
- Patented ratchet feature turns bolts with just 5 degrees of handle swing
- Mirror finish chrome vanadium steel for maximum strength
- Ratcheting closed end uses 12 points of contact for less stress to the fastener

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 23397 EACH	Crescent Tools FRPM7 Lifetime	includes 8mm,10mm,12mm,13mm,14mm,15mm,18mm	92.55 2.4 1.09	77.08 71.16 66.07
NEW 58386 EACH	Crescent Tools FRP7 Lifetime	includes 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 3/4"	92.55 2.4 1.09	77.08 71.16 66.07

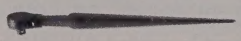
CRESCENT Construction Wrench



CRESCENT 16"L adjustable construction wrench (fasteners up to 1-1/2") Tapered tang mates parts. Alloy Steel. Black phosphate finish. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 412353 1 EACH	Crescent Tools AT115SPUB Lifetime	CRESCENT 16"L adjustable construction wrench w/ tapered tang.	57.60 2.32 1.05	47.99 44.30 41.13

KLEIN 1/2"Dr Construction Wrench



KLEIN 1/2" Square-Drive Hex Socket Reversible Ratching Construction Wrench. Black.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 413384 1 EACH	Klein Tools, Inc. 3238 Lifetime	KLEIN 1/2" Square-Drive Hex Socket Black.	100.00 2.1 0.95	56.63 51.39 50.00

KLEIN Erection Wrenches

KLEIN Erection Wrenches. U.S. Heavy with Bolt Size and Nominal Openingstamped on the wrench neck.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 483390 1 EACH	Klein Tools, Inc. 3213 Lifetime	KLEIN Erection Wrenches. 7/8" Bolt Size. 1-7/16" Nom Open. 17-1/4" OAL	61.20 2.77 1.26	34.65 31.45 30.60
NEW 496389 1 EACH	Klein Tools, Inc. 3212 Lifetime	KLEIN Erection Wrenches. 3/4" Bolt Size. 1-1/4" Nom. Open. 16-1/2" OAL	45.30 1.95 0.89	25.66 23.28 22.65

CRESCENT Box Joint Wrench

CRESCENT Box Joint Pliers. 7-position adjustments. Made of hardened tool steel. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 477323 1 EACH	Crescent Tools BT12CV Lifetime	7-position box joint adj wrench. 2" jaw opening. 12" OAL	29.55 1.1 0.5	24.59 22.71 21.08
NEW 480366 1 EACH	Crescent Tools BT10CV	CRESCENT 10" Box Joint Pliers. 7-position adjustments. 1-1/2" max. jaw opening. 10" OAL USA	21.20 0.75 0.34	17.66 16.31 15.14

Hex Driver Sets [580-57]

If you are buying these, you may want:

Tool Cases without Tools . . . . . page 1531

Individual Hex Screwdrivers

XCELITE Allen Hex Socket Type Drivers are designed for tightening and removal of recessed socket head screws. Clear Amber handles.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
12245 1 EACH	Xcelite LN23V Lifetime	Blade diameter 3/32". Blade length 4". Overall length 7 1/8".	5.70 0.14 0.06	4.72 4.36 4.05
26123 1 EACH	Xcelite LN22V Lifetime	Blade diameter 5/64". Blade length 4". Overall length 6 5/8".	5.70 0.15 0.07	4.72 4.36 4.05

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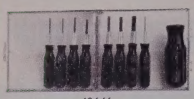
Mini Hex Screwdriver sets



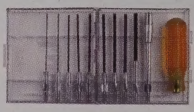
40646

88506

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
40646 1 EACH	Xcelite PS90MM Lifetime	8 piece metric set. Sizes (in mm): 0.89,1.27, 1.5, 2.0, 2.5,3.0, 4.0, 5.0. All handles are black. Also includes Torque amplifier handle and see through plastic case.	34.80 0.16 0.07	28.98 26.75 24.84
88506 1 EACH	Xcelite PS89V Lifetime	8 piece set. Sizes (in inches): .028, .035, .050, 1/16, 5/64, 3/32, 7/64, 1/8. All handles arered. Also includes black Torque amplifier handle andsee through plastic case.	30.75 0.63 0.29	25.61 23.64 21.95

Hex Screwdriver Sets (99 series)

29930

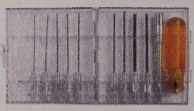


81537

These 99 series service kits have various Allen hex blades which can be used interchangeably withthe series 99 handles. All blades are high quality steel, hardened and tempered for optimum performance. These units have a plastic handle that has a patented spring device that hold blades firmly, yet permit quick, easy insertion &removal. Handle will accommodate any 99 series blades (group 580, subgroup 67).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
29930 1 EACH	Xcelite 99PS41MM Lifetime	7 piece metric set. Sizes (in mm): 1.27,1.5, 2, 2.5, 3, 4, 5. Also has 4" extension and regular amber handle. Housed in clear see through plastic case.	50.50 1.07 0.49	42.07 38.84 36.06
81537 1 EACH	Xcelite 99PS40V Lifetime	11 piece set. Sizes (in inches): .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16. Also has4" extension and regular amber handle. Housed in clear plastic see through case.	51.20 1.19 0.54	42.62 39.35 36.53

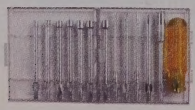
Bristol Spline Drivers



Series 99 service kits are made up of interchangable blades that fit common handles. All Blades are high quality hardened, tempered steel. Includes .048, .060, .069, .072, .076, .096, .111, .145, .813 size blades, standard 99 series handle, 4" extension,and storage container.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
46366 1 EACH	Xcelite 99PS60V Lifetime	11 piece kit interchangable bristol spline drivers	51.20 1.16 0.53	42.62 39.35 36.53

Series 99 Tool Kit



Series 99 service kits are made up of interchangable blades that fit common handles. All blades are high quality hardened, tempered steel. Kit includes standard 99 series handle, 3/16, 1/4" slotted screwdriver blade, #1, #2 Phillips screwdrivers, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32. 3/8" nutdrivers, 4" extension, and storage container.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
64051 1 EACH	Xcelite 99PS50V Lifetime	13 piece screwdiver/nutdriver set.	64.60 1.67 0.76	53.80 49.67 46.11

Series 99 Service Kit

Series 99 service kits are made up of interchangable blades that fit common handles. All blades are high quality hardene tempered steel. Includes standard 99 series handle, 3/16, 1/4 slotted screwdrivers, #1, #2 slotted screwdrivers, 3/16, 7/32 9/32,5/16, 11/32, 3/8,7/16, 1/2" nutdrivers, and canvas roll pouch.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
67074 1 EACH	Xcelite 99PR	14 piece kit. Interchangable screwdrivers/ nutdrivers.	82.70 1.66 0.75	68.86 63.57 59.02

Short Arm Allen Hex Key Sets

Hex Key Wrenches are made of nickel-chome moly alloy tool steel and black oxide treated to resist rust. Your choice of Inch or Metric. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
10729 1 EACH	Allen Tools 56015 Lifetime	9 piece Metric Hex Key Set. Sizes (in mm): 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm.	8.70 0.6 0.27	7.13 7.04 6.96
62336 1 EACH	Allen Tools 56032 Lifetime	15 key set. Sizes (in inches): .028, .035, .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8.	9.90 0.6 0.27	8.10 8.00 7.90

Ball End Key Sets

All hex keys are precision formed to exact dimensional tole ances for precise fit. Heat treated, tempered alloy steel pro vides high strength and resistance to rotational distortion. Plastic pouch to hold the keys is included.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
468059 1 EACH	Allen Tools 56190 Lifetime	13 key set. Sizes (in inches): .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8.	18.10 0.89 0.4	14.81 14.63 14.45

Duracast Fold-Up Allen Hex Key Sets

The Duracast case is ergonomically designed, alloy steel tha provides outstanding torque strength. The fold-up case features a handy loop on one end for easier storage and wall mounting. The individual keys are precision formed to exact dimensional tolerances for precise fit. The keys are heat treated and made of alloy steel that provides high strength and resistance to rotational distortion.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
21869 1 EACH	Allen Tools 56346 Lifetime	9 piece set. Sizes (in inches): .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16.	12.30 1.5 0.68	10.09 9.97 9.84
98655 1 EACH	Allen Tools 56349 Lifetime	7 pc metric set. Sizes (in mm): 1.5 2,2.5,3,4,5,6.	12.55 0.41 0.19	10.29 10.16 10.04

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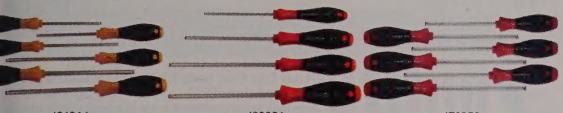
old-Up Ball-End Hex Key Set

The Duracast case is ergonomically designed, alloy steel that provides outstanding torque strength. The fold-up case features a handy loop on one end for easier storage and wall mounting. The individual keys are precision formed to exactdimensional tolerances for precise fit. The keys are heat treated and made of alloy steel that provides high strength d resistance to rotational distortion.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1779 ACH	Allen Tools 56382 Lifetime	9 piece set. Sizes (in inches): Ball end 5/64, 3/32, 7/64, 1/ 8, 9/64, 5/32, 3/16. 7/32, 1/4.	23.45 1.5 0.68	19.23 19.00 18.76

agic Ring Hex Drivers



486364 433356 470358

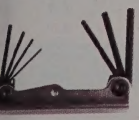
gic Ring cushion grip hex drivers. Hardened steel compression ring securely grips the inside ad of the screw to hold it onto the driver.

orks as a standard hex tool
l end for 20 degree angle entry
rew holding

- Hardened CVM tool steel, Precision machined tips
- Sizes 1.5, 2.0, 2.5mm, and .050" to 7/64" do not have MagicRing feature

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 6364 ACH	Wiha Tools 36794 Lifetime	6 pc Magic Ring Ball End. Cushion grip handle. 3 to 6" long blades. 1/8, 9/64, 5/32, 3/16, 7/32, 1/4" hex.	26.00 0.5 0.23	20.29 19.70 19.18
EW 3356 ACH	Wiha Tools 36795 Lifetime	4 pc Magic Ring Ball End. 4 to 6" blade length. Includes 3.0. 4.0, 5.0, 6.0 mm hex.	17.50 0.4 0.18	13.64 13.24 12.89
EW 0358 ACH	Wiha Tools 36792 Lifetime	6 pc Magic Ring Ball End. 4" blade length. Includes 3.0. 4.0, 5.0, 6.0, 8.0, 10.0 mm hex.	31.50 0.4 0.18	24.61 23.88 23.25
EW 5358 ACH	Wiha Tools 36715 Lifetime	1.5mm Hex Ball End. (does not have magic ring) 3" blade length	3.20 0.27 0.12	2.50 2.43 2.37
EW 8366 ACH	Wiha Tools 36720 Lifetime	2.0 mm Hex Ball End. (does not have magic ring) 3" blade length	3.20 0.27 0.12	2.50 2.43 2.37
EW 6335 ACH	Wiha Tools 36725 Lifetime	2.5 mm Hex Ball End. (does not have magic ring) 3" blade length	3.20 0.27 0.12	2.50 2.43 2.37

andard Fold-Up Allen Hex Key Sets



87515

The fold-up case is made of nickel-chrome-moly alloy steel that provides outstanding torque strength. The fold-up case features a handy loop on one end for easier storage and wall mounting. The individual keys are precision formed to exactdimensional tolerances for precise fit. The keys are heat treated and made of alloy steel that provides high strength and resistance to rotational distortion.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
515 ACH	Allen Tools 56066 Lifetime	9 piece set. Sizes (in inches): .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16.	4.75 0.6 0.27	3.88 3.84 3.79
493 ACH	Allen Tools 56320 Lifetime	5 piece set. Sizes (in inches): 3/16, 7/32, 1/4, 5/16, 3/8. 5" long arms.	8.65 0.6 0.27	7.07 6.99 6.90
908 ACH	Allen Tools 56070 Lifetime	7 piece metric set. Sizes (in mm): 1.5, 2, 2.5, 3, 4, 5, 6.	4.95 0.6 0.27	4.04 3.99 3.94

Torx Driver Fold up Set

33834

The Duracast fold up set is ergonomically designed to provide maximum torque. The individual keys are precision formed to exactdimensional tolerances. Keys are heat treated and made of alloy steel that provides high strength and resistance to rotational distortion.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
33834 1 EACH	Allen Tools 56348 Lifetime	Duracast Torx 7 key folding set. Sizes: T-10, T-15, T-20, T-25, T-27, T-30, T-40. Handle length 4 1/2"	20.30 1.5 0.68	16.62 16.42 16.21

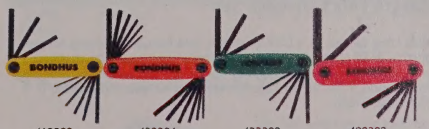
BONDHUS Balldriver T-handle Set & Stand

429389

BONDHUS T-Handle Balldriver Sets feature wrenches forged from industrial 8650 nickel-chrome chrome-moly tool steel with chamfered end to prevent stripping. The ergonomic padded handle is color-coded for your easy visual identification. Inch=Yellow; Metric=Red; Torx=Green; Inch/Metric Combo=Orange. (USA)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 417373 1 EACH	BONDHUS 13148 Lifetime	Bondhus Metric Balldriver T-handle Set:4mm, 5mm, 6mm, 8mm, & 10mm	29.70 2.51 1.14	25.81 23.55 22.13
NEW 429389 1 EACH	BONDHUS 13189 Lifetime	Bondhus Metric Balldriver T-handle Set: 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm, 8mm, & 10mm sizes	41.50 3.19 1.45	36.11 32.96 30.96
NEW 482316 1 EACH	BONDHUS 13190 Lifetime	Bondhus Metric Balldriver T-handle Set: 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, & 3/8"	49.90 3.68 1.67	43.39 39.60 37.21
NEW 490376 1 EACH	BONDHUS 13146 Lifetime	Bondhus Inch Balldriver T-handle Set: 5/32, 3/16, 7/32, 1/4, 5/16, & 3/8"	34.55 2.86 1.3	30.05 27.43 25.77

BONDHUS GorillaGrip Fold-up Set



412393 432396 433392 488392

BONDHUS Gorilla-Grip(tm) Fold-Up Hex Sets feature wrenches are forged from industrial 8650 nickel-chrome chrome-moly tool steel with chamfered end to prevent stripping. The polypropylene composite handle is "stronger than steel" and is color-coded for your easy visual identification. Inch=Yellow; Metric=Red; Torx=Green; Inch/Metric Combo=Orange. (USA)

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 412393 1 EACH	BONDHUS 12589 Lifetime	Bondhus GorillaGrip METRIC Set: 1.5mm, 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm, 8mm, & 10mm sizes.	6.15 0.34 0.15	5.32 4.86 4.56
NEW 427371 1 EACH	BONDHUS 12591 Lifetime	Bondhus GorillaGrip Fold-up Inch Set: : : .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, & 3/16"	4.80 0.22 0.1	4.17 3.81 3.58
NEW 432396 1 EACH	BONDHUS 12550 Lifetime	Bondhus GorillaGrip Fold-up Inch/Metric Set: : : 5/64, 3/32, 7/64, 1/8, 9/64, 5/32", 1.5mm, 2mm, 2.5mm, 3mm, 4mm, & 5mm	8.50 0.29 0.13	7.37 6.73 6.32
NEW 433392 1 EACH	BONDHUS 12634 Lifetime	Bondhus GorillaGrip Fold-up Star Recessed Set: : : T9, T10, T15, T20, T25, T27, T30, & T40	11.90 0.34 0.15	10.34 9.44 8.87
NEW 448349 1 EACH	BONDHUS 12636 Lifetime	Bondhus GorillaGrip Fold-up Tamper Resistant Star Recessed Set: : : T7, T8, T9, T10, T15, T20, & T25	11.85 0.2 0.09	10.31 9.41 8.84
NEW 467329 1 EACH	BONDHUS 12632 Lifetime	Bondhus GorillaGrip Fold-up Star Recessed Set: : : T6, T7, T8, T9, T10, T15, T20, & T25	11.90 0.2 0.09	10.34 9.44 8.87
NEW 476388 1 EACH	BONDHUS 12592 Lifetime	Bondhus GorillaGrip Fold-up Metric Set: : : 1.5mm, 2mm, 2.5mm, 3mm, 4mm, 5mm & 6mm	4.95 0.24 0.11	4.31 3.93 3.70
NEW 488392 1 EACH	BONDHUS 12587 Lifetime	Bondhus GorillaGrip Fold-up Metric Set: : : 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm, & 8mm	6.60 0.38 0.17	5.75 5.24 4.93

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Tools

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 489340 1 EACH	BONDHUS 12638 Lifetime	Bondhus GorillaGrip Fold-up Tamper Resistant Star Recessed Set: : :T9, T10, T15, T20, T25, T27, T30 & T40	14.25 0.34 0.15	12.40 11.32 10.64
NEW 490352 1 EACH	BONDHUS 12522 Lifetime	Bondhus GorillaGrip Fold-up Inch/Metric Set: : : 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4", 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm, & 8mm	12.00 0.72 0.33	10.44 9.52 8.95

BONDHUS Long Balldriver L-Wrench Set

479399 493355 493360

BONDHUS Long Length L-Wrench Balldriver Key Sets feature wrenches forged from industrial 8650 nickel-chrome chrome-moly tool steel with chamfered end to prevent stripping. The wrench key holder is color-coded for your easy visual identification. Inch=Yellow; Metric=Red; Torx=Green; Inch/Metric Combo=Orange. (USA)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 439342 1 EACH	BONDHUS 20196 Lifetime	Bondhus Long-Length Inch/Metric Balldriver L-Wrench Double Pack:.050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16", 1.5mm, 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm, 8mm & 10mm	24.00 1.47 0.67	20.88 19.06 17.91
NEW 463390 1 EACH	BONDHUS 10936 Lifetime	Bondhus Long-Length Inch Balldriver L-Wrench Set: : .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4 & 5/16"	12.45 0.57 0.26	10.84 9.89 9.29
NEW 479399 1 EACH	BONDHUS 10937 Lifetime	Bondhus Long-Length Inch Balldriver L-Wrench Set: : :.050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16 & 3/8"	15.95 0.89 0.4	13.87 12.66 11.90
NEW 485357 1 EACH	BONDHUS 10999 Lifetime	Bondhus Long-Length Metric Balldriver L-Wrench Set: : :1.5mm, 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm, 8mm & 10mm	12.95 0.86 0.39	11.26 10.28 9.66
NEW 493355 1 EACH	BONDHUS 14132 Lifetime	Bondhus Long-Length Inch/Metric Balldriver L-Wrench Double Pack:.050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, & 3/8". Metric sizes: 1.5mm, 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm, 8mm, & 10mm. Star recessed sizes: T6, T7, T8, T9, T10, T15, T20, T25.	38.85 2 0.91	33.80 30.85 28.99
NEW 493360 1 EACH	BONDHUS 10992 Lifetime	Bondhus Long-Length Metric Balldriver L-Wrench Set: : :1.5mm, 2mm, 2.5mm, 3mm, 4mm, 5mm & 6mm	7.90 0.28 0.13	6.87 6.27 5.89

BONDHUS Long-Length Hex L-Wrench Set

433310 477395

BONDHUS Long Length Hex L-Wrench Key Sets feature wrenches forged from industrial 8650 nickel-chrome chrome-moly tool steel with chamfered end to prevent stripping. The wrench key holder is color-coded for your easy visual identification. Inch=Yellow; Metric=Red; Torx=Green; Inch/Metric Combo=Orange. (USA)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 433310 1 EACH	BONDHUS 12199 Lifetime	Bondhus Long-Length Metric Hex L-Wrench Set:1.5mm, 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm, 8mm & 10mm sizes.	8.35 0.87 0.4	7.25 6.62 6.22
NEW 434320 1 EACH	BONDHUS 22199 Lifetime	Bondhus Long-Length Inch/Metric Hex L-Wrench Set:.050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8", 1.5mm, 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm, 8mm & 10mm sizes.	16.20 1.78 0.81	14.10 12.87 12.09
NEW 451335 1 EACH	BONDHUS 12136 Lifetime	Bondhus Long-Length Inch Hex L-Wrench Set: .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4 & 5/16"	6.95 0.58 0.26	6.03 5.51 5.17
NEW 477395 1 EACH	BONDHUS 12137 Lifetime	Bondhus Long-Length Inch Hex L-Wrench Set: .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16 & 3/8"	8.75 0.89 0.4	7.60 6.94 6.52

Felo Torx L-Wrench Set

476313

BONDHUS Felo L-Wrench TORX Key Sets feature wrenches forged from indus trial 8650 nickel-chrome chrome-moly tool steel with machined precision ends.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 436354 1 EACH	BONDHUS 31660 Lifetime	Felo Torx L-wrench Set: T9, T10, T15, T20, T25, T27, T30, T40	16.95 0.31 0.14	14.75 13.46 12.65
NEW 476313 1 EACH	BONDHUS 50975 Lifetime	Felo Torx L-wrench Set: T6, T7, T8, T9, T10, T15, T20, T25	14.95 0.31 0.14	13.01 11.87 11.16

Felo Torx Screwdrivers

468398 455377

BONDHUS Felo fixed blade TORX drivers feature baldes forged from industrial 8650 nickel-chrome chrome-moly too steel with machined precision ends in a ergonomic, cushion grip handle.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 468398 1 EACH	BONDHUS 22188 Lifetime	Felo Torx Screwdriver, T5	4.80 0.06 0.03	4.18 3.82 3.59
NEW 467376 1 EACH	BONDHUS 22154 Lifetime	Felo Torx Screwdriver, T6	3.95 0.06 0.03	3.44 3.14 2.95
NEW 439301 1 EACH	BONDHUS 22156 Lifetime	Felo Torx Screwdriver, T7	3.80 0.06 0.03	3.31 3.02 2.84
NEW 470312 1 EACH	BONDHUS 22157 Lifetime	Felo Torx Screwdriver, T8	3.80 0.06 0.03	3.31 3.02 2.84
NEW 454346 1 EACH	BONDHUS 22158 Lifetime	Felo Torx Screwdriver, T9	4.00 0.06 0.03	3.48 3.18 2.99
NEW 496398 1 EACH	BONDHUS 22159 Lifetime	Felo Torx Screwdriver, T10	4.35 0.1 0.05	3.79 3.46 3.25
NEW 424315 1 EACH	BONDHUS 22160 Lifetime	Felo Torx Screwdriver, T15	4.35 0.1 0.05	3.79 3.46 3.25
NEW 461376 1 EACH	BONDHUS 22161 Lifetime	Felo Torx Screwdriver, T20	4.85 0.15 0.07	4.22 3.86 3.62
NEW 456316 1 EACH	BONDHUS 22162 Lifetime	Felo Torx Screwdriver, T25	5.10 0.15 0.07	4.44 4.05 3.81
NEW 455377 1 EACH	BONDHUS 50981 Lifetime	Felo Torx Screwdriver Set: T6, T8, T9, T10, T15, T20, & T25	29.95 1.48 0.67	26.06 23.76 22.35

BONDHUS Balldriver Screwdriver Set

435359 462340

BONDHUS Straight full leng Balldriver Sets feature shafts forged from industrial 8650 nickel-chrome chrome-moly tool steel with chamfered e to prevent stripping. The Bal river case is color-coded fo your easy visual identificatio Inch=Yellow. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 435359 1 EACH	BONDHUS 10699 Lifetime	Bondhus Inch Balldriver Screwdriver Set includes: .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8" sizes.	36.10 1.37 0.62	31.4 28.6 26.9
NEW 462340 1 EACH	BONDHUS 10637 Lifetime	Bondhus Inch Balldriver Screwdriver Set: .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, & 3/8".	45.85 1.64 0.75	39.8 36.3 34.1

NEW = New Listing. Pricing for reference o See TESSCO.com for latest pricing and produ

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Screwdriver Sets [580-58]

If you are buying these, you may need:

Cordless Drills . . . . . page 1514
Tool Cases without Tools. . . . . page 1531

oft Finish 5pc Slotted/Phillips Set

WIHA German made precision screwdrivers feature precision machinedmicron vapor chromed non-slip tips, High-strength hardened chrome-molybdenum CVM steel shafts, large ergonomic molded-on handles, and soft safe cushion grips that won't slide off. This setcontains 3 Slotted (1/4", 5/32", 1/8") and 2 Phillips (#1, #2) screwdrivers in a retail box.

rt No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
8220 ACH	Wiha Tools 30295 Lifetime	5 Piece soft-grip Phillips and Slotted Screwdriver set.	26.80 0.3 0.14	20.94 20.32 19.78
2061 PACK	Wiha Tools 71154 Lifetime	#1 x 1", #2 x 1", and #3 x 1" bits included.	2.00 0.3 0.14	1.55 1.51 1.47
3039 PACK	Wiha Tools 71570 Lifetime	One each of T5, T6, T7, T8, T9 and T10	10.00 0.3 0.14	7.80 7.57 7.37

our-way Pocket Tool

An extremely versatile time saver, especially handy for removing backs of TV sets and installing antennas. Double-ended handle serves as two sizes of nut drivers while special reversible blade fits slotted or Phillips head screws.

rt No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
6175 ACH	Xcelite 600 Lifetime	Can be used as 7/16 & 1/4" nutdriver, as well as a slotted and phillips screwdriver.	11.95 0.5 0.23	9.93 9.17 8.52

Mini-driver Kit

The M60 Mini-driver kit is a miniaturized version of the Compact Convertible set. The 6 Mini-Drivers consist of jeweler's type and Phillips screwdriver blades molded in color-coded plastic handles for precise detailed work. This kit contains a blackTorque Amplifier handle and is furnished in a see-through plastic case.

rt No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
7615 ACH	Xcelite M60V Lifetime	Screwdrivers: #00 phillips, and the following sizes of slotted tip: .04", .055", .070", .080", .100" with black torque amplifier handle.	15.90 1 0.45	13.25 12.23 11.36

ombination Offset Screwdriver

VACO combination offset screwdriver

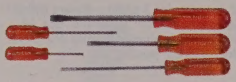
rt No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
3718 ACH	Klein Tools, Inc. VO5 Lifetime	1/4" slotted and #2 phillips tips	6.25 0.35 0.16	3.53 3.21 3.12

Offset Screwdrivers

WIHA German made precision screwdrivers feature high alloy chrome-vanadium-molybdenum steel. High quality plastic handle is impact resistant.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
27006 1 EACH	Wiha Tools 16112 Lifetime	#1 + #2 phillips 5" overall length	4.40 0.06 0.03	3.44 3.34 3.25
65399 1 EACH	Wiha Tools 20715 Lifetime	1/4" flat blades 90 degrees offset. 5" overall length.	4.70 0.09 0.04	3.68 3.57 3.47

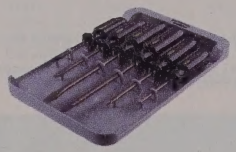
5pc Round Blade Slotted Kit



5 piece slotted screwdrivers with round shanks. Inlcludes 1/8"x 2,5/32 x 4, 3/16 x 6, 1/4 x 4, and 5/16 x 6 blades. Packaged in a convenient see through pouch.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
13693 1 EACH	Xcelite SDR11 Lifetime	5 piece round blade screwdriver set.	27.80 1 0.45	23.15 21.37 19.84

6 Pc Phillips and Flat Blade Kit



6pc Screwdriver set includes 3 phillips drivers (#1 x 3", #2 x 4" #3 x 4") and 3 slotted drivers (3/16 x 3" cabinet, 1/4" x 4" roundblade, and 1/4" x 6" round blade). Packaged in a handy plastic storage/wall tray.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
45709 1 EACH	Allen Tools 30846 Lifetime	6 pc regular and phillips screwdriver set.	35.85 1.62 0.74	24.81 23.73 22.73

8 Pc Phillips and Flat Blade Kit

8pc Screwdriver set includes 3 phillips drivers (#1 x 3", #2 x 4" #3 x 4") , 4 slotted drivers (3/16 x 3" cabinet, 1/4" x 4" roundblade, and 1/4" x 6" round blade, 5/16 x 6" round blade) and 2 stubby drivers (1/4" slotted, and #2 Phillips) in a handy wall storage tray.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
84102 1 EACH	Allen Tools 30847 Lifetime	8 pc regular and phillps screwdriver sets.	37.15 1.73 0.79	25.70 24.58 23.54

SoftFinish 6pc Slotted/Phillips Set

WIHA German made precision screwdrivers feature high alloy chrome-vanadium-molybdenum steel. Cellulose acetate red plastic handle is impact resistant. 6pc set includes 5/32, 7/32, 1/4, 5/16regular slotted drivers, 3/16 slotted stubby driver, #1 and #2 phillips drivers.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
98796 1 EACH	Wiha Tools 30294 Lifetime	6pc screwdriver set, 4 slotted, two phillips.	36.50 0.03 0.01	28.51 27.67 26.94

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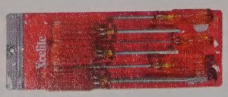
Tools

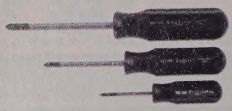
6 Pc Phillips and Flat Blade Kit



6pc Screwdriver set includes 2 phillips drivers (#1 x 2", #2 x 4")and 4 slotted drivers (1/8 x 4, 3/16 x 6, 1/4 x 4, 5/16 x 6) with round blade shanks. Comes complete with handy zip lock storage pouch.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
29997 1 EACH	Xcelite SRX33 Lifetime	6 pc regular and phillps screwdriver sets.	37.70 1.73 0.79	31.39 28.98 26.91

3 Pc Super-Tru Tip Phillips Set



3pc Screwdriver set includes 3 phillips drivers (#0, #1 and #2) with Xcelites hardened "super-tru" tips. All drivers feature round blade shanks. Comes complete with handy zip lock storage pouch.

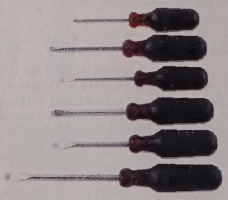
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
16783 1 EACH	Xcelite XST3 Lifetime	3 pc phillips screwdriver set.	19.40 0.55 0.25	16.13 14.89 13.83

5 Pc Super-Tru Tip Phillips Set

5pc Screwdriver set includes all Super-Tru phillips tips. Includes#0 x 2",#1 x 3",#2 x 4" standard phillips, and extra long 10" #1 and #2. Comes complete with handy zip lock storage pouch.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
55176 1 EACH	Xcelite XST5 Lifetime	5 pc phillips screwdriver set.	40.10 2 0.91	33.37 30.81 28.61

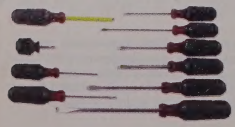
6 Pc Cushion Grip Screwdriver Set



6pc Screwdriver set includes #1, #2 phillips, anti-cam out 4" electricians blade, 4", 6" mechanics round flat blade, 4" mechanics square flat blade screwdrivers in a plastic pouch.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
16004 1 EACH	Crescent Tools 2006 Lifetime	6 pc cushion grip screwdriver set.	33.10 2.04 0.93	27.54 25.43 23.61

10 Pc Cushion Grip Screwdriver Set



10 Pc screwdriver set includes cushion grip handles to provide amore powerful and comfortable grip. Set includes #1, #2 phillips, stubby phillips, 4, 6" electricians roound, 4" insulated round, 4, 6, 8" mechanics round, 4" mechanics square screwdrivers in a handy pouch.

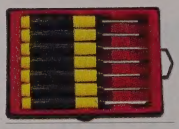
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
92790 1 EACH	Crescent Tools 2010 Lifetime	10pc cushion grip screwdriver set.	61.85 5 2.27	51.52 47.56 44.16

Insulated Screwdriver set

Wiha insulated screwdrivers with SoftFinish Cushion Grip Handles. Each tool is individually tested to 10,000 volts and certified to 1000 volt ac or 1500 volt dc. The insulation is molded directly onto the blade and offers the highest possibl security. The ergonomic handle with SoftFinish (R) surface gives the best user comfort & amximum torque.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 470121 1 EACH	Wiha Tools 32092 1yr	6pc set, 3 phillips #1,#2#3, 3 slotted 9/64,3/16,1/4	38.70 1.31 0.6	30.23 29.34 28.57

Cellphone Repair Set



ECLIPSE 7 Piece Screwdriver Set for Motorola, Ericsson, Nokia. Incl.T5,T6,T7, #0 Phillips, Spanner Security Driver, Backcover opener, Folding Cover opener.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 498399 1 EACH	Eclipse 500-024 30 DAYS	7 piece Screwdriver set for Motorola, Ericsson and Nokia cellphones.	14.00 1 0.45	14.00 14.00 14.00

WIHA Interchangeable Blade Set.

System 6 magnetizing & demagnetizing handle with soft grip panels for superior comfort and power magnetize or dema netize screwdriver blades on the job.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 473343 1 EACH	Wiha Tools 48190 Lifetime	WIHA Slotted & Phillips Interchangeable Blade Tech Set With Magnetizing/Demagnetizing handle, Hardened CVM Tool Steel Blades, in Canvas Pouch.	36.00 0.75 0.34	28.10 27.28 26.56

Individual Flatblade Screwdrivers [580-60]

If you are buying these, you may need:

Cordless Drills. . . . . page 1514
Tool Kits, Complete. . . . . page 1523
Tool Cases without Tools . . . . . page 1531

Precision Screwdrivers -Slotted

68422 55208 41994 82720 79138

WIHA German made precision screwdrivers feature high alloy chrome-vanadium-molybdenum steel. Rotating cap for precise turningcontrol with your finger tip. High quality plastic (cadmiu free) tapered handles and preci sion ground tips.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Blade Width (inches)	Blade Length (inches)	Overall Length (inches)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
68422 1 EACH	Wiha Tools 26008 Lifetime	1/32" 0.8mm	1.6" 40mm	4.7" 120mm	6.90 0.03 0.01	5.39 5.23 5.10
30029 1 EACH	Wiha Tools 26015 Lifetime	1/16" 1.5mm	1.6" 40mm	4.7" 120mm	5.00 0.03 0.01	3.91 3.79 3.69
55208 1 EACH	Wiha Tools 26022 Lifetime	5/64" 2.0mm	2.0" 50mm	4.7" 120mm	4.30 0.03 0.01	3.36 3.26 3.18
41994 1 EACH	Wiha Tools 26025 Lifetime	3/32" 2.5mm	2.0" 50mm	5.7" 145mm	4.40 0.03 0.01	3.44 3.34 3.25

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inuing product table (2 of 2)

t No. /Uom	Manufacturer Mfg. P/N Warranty	Blade Width (inches)	Blade Length (inches)	Overall Length (inches)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
3780 ACH	Wiha Tools 26030 Lifetime	1/8" 3.0mm	2.0" 50mm	5.7" 145mm	4.30 0.03 0.01	3.36 3.26 3.18
2720 ACH	Wiha Tools 26032 Lifetime	1/8" 3.0mm	2.4" 60 mm	6.69" 170mm	4.20 1 0.45	3.28 3.19 3.10
9138 ACH	Wiha Tools 26034 Lifetime	1/8" 3.0mm	6.0" 150mm	10.25" 260mm	5.00 0.03 0.01	3.91 3.79 3.69

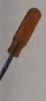
SoftFinish" Stubby Screwdrivers

WIHA German made precision screwdrivers feature high alloy chrome-vanadium-molybdenum steel. Cellulose acetate red plastic handle is impact resistant.

34107

t No. /Uom	Manufacturer Mfg. P/N Warranty	Blade Width (inches)	Blade Length (inches)	Overall Length (inches)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
107 ACH	Wiha Tools 30465 Lifetime	1/4" 6.5mm	1" 25mm	2.95" 75mm	6.10 0.25 0.11	4.77 4.63 4.51

egular Square Blade Screwdriver

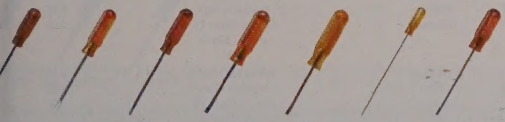


All blades are AISI 6150 chrome vanadium steel, plated for protection.

3335

t No. /Uom	Manufacturer Mfg. P/N Warranty	Blade Width (inches)	Blade Length (inches)	Overall Length (inches)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
335 ACH	Xcelite S5166 Lifetime	5/16"	6"	10 1/2"	10.60 0.15 0.07	8.80 8.13 7.54

egular Round Blade Screwdrivers



5191 17440 43868 55833 57082 66307 69047

9226

nuing product table (1 of 2)

t No. /Uom	Manufacturer Mfg. P/N Warranty	Blade Width (inches)	Blade Length (inches)	Overall Length (inches)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
191 ACH	Xcelite R5325V Lifetime	5/32"	5"	7 5/8"	4.10 0.09 0.04	3.42 3.16 2.93
440 ACH	Xcelite R188V Lifetime	1/8"	8"	10 5/8"	4.65 0.12 0.05	3.85 3.56 3.30
868 ACH	Xcelite R146V Lifetime	1/4"	6"	10 1/8"	7.40 0.26 0.12	6.14 5.66 5.26
833 ACH	Xcelite R3163V Lifetime	3/16"	3"	6 5/8"	5.00 0.17 0.08	4.15 3.83 3.56
082 ACH	Xcelite R144V Lifetime	1/4"	4"	8 1/8"	6.60 0.23 0.1	5.49 5.06 4.70

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Blade Width (inches)	Blade Length (inches)	Overall Length (inches)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
66307 1 EACH	Xcelite R5166 Lifetime	5/16"	6"	12 1/8"	8.15 0.32 0.15	6.79 6.26 5.82
69047 1 EACH	Xcelite R184V Lifetime	1/8"	4"	6 5/8"	4.00 0.11 0.05	3.32 3.07 2.85
82261 1 EACH	Xcelite R148V Lifetime	1/4"	8"	12 1/8"	8.00 0.32 0.15	6.67 6.16 5.72
94226 1 EACH	Xcelite R3166V Lifetime	3/16"	6"	9 5/8"	6.30 0.1 0.05	5.22 4.82 4.47

Stubby Square Blade Screwdriver

Square blade screwdrivers with stubby handle. All blades are AISI 6150 chrome vanadium steel, plated for protection.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Blade Width (inches)	Blade Length (inches)	Overall Length (inches)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
14942 1 EACH	Xcelite S5161 Lifetime	5/16"	1 1/4"	3 1/4"	4.65 0.11 0.05	3.87 3.57 3.32
27891 1 EACH	Xcelite S141 Lifetime	1/4"	1 1/4"	3 1/4"	5.65 0.11 0.05	4.69 4.33 4.02

Pocket Clip Style Screwdriver

30654 42619

Screwdrivers feature a pocket clip on the handle. All blades are round & are AISI 6150 chrome vanadium steel, plated for protection

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Blade Width (inches)	Blade Length (inches)	Overall Length (inches)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30654 1 EACH	Xcelite R181V Lifetime	1/8"	2"	4 1/4"	2.50 0.05 0.02	2.07 1.91 1.78
42619 1 EACH	Xcelite R3322V Lifetime	3/32"	2"	4 1/4"	2.60 0.07 0.03	2.15 1.99 1.85
81012 1 EACH	Xcelite R3323V Lifetime	3/32"	3"	5 1/4"	2.90 0.1 0.05	2.39 2.20 2.05

KLEIN Cushion Grip Screwdrivers

418344 465383

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Blade Width (inches)	Blade Length (inches)	Overall Length (inches)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **418344** 1 EACH	Klein Tools, Inc. 6024 Lifetime	1/4"	4"	8-11/32"	11.30 1 0.45	6.40 5.81 5.65
NEW **465383** 1 EACH	Klein Tools, Inc. 6016 Lifetime	3/16"	6"	9-3/4"	10.30 1 0.45	5.81 5.27 5.13

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Torx Screwdrivers [580-63]

"SoftFinish" Torx Sets

76307

WIHA German made precision screwdrivers feature high alloy chrome-vanadium-molybdenum steel. Cellulose acetate red plastic handle is impact resistant.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Blade Length (inches)	Tip Size (Torx Screws)	Overall Length (inches)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
24700 1 EACH	Wiha Tools 36298 Lifetime	2.0"-4.5" 50-115mm	T10 T15 T20 T25 Security T7 T8 T9	4.9"-9"	49.20 1 0.45	38.43 37.30 36.31
76307 1 EACH	Wiha Tools 36294 Lifetime	2.0"-4.5" 50-115mm	T20 T25 T27 T30 T6 T8 T10 T15	4.9"-9" 110-225mm	39.10 1.27 0.58	30.54 29.64 28.86

"SoftFinish" Torx Drivers

63093 11486 49879

WIHA German made precision screwdrivers feature high alloy chrome-vanadium-molybdenum steel. Cellulose acetate red plastic handle is impact resistant.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Blade Length (inches)	Tip Size (Torx Screws)	Overall Length (inches)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
63093 1 EACH	Wiha Tools 36264 Lifetime	2.4" 60mm	T-5	6.5" 164mm	5.00 1 0.45	3.91 3.79 3.69
11486 1 EACH	Wiha Tools 36266 Lifetime	2.4" 60mm	T-6	6.5" 164mm	3.70 0.03 0.01	2.89 2.81 2.74
49879 1 EACH	Wiha Tools 36268 Lifetime	2.4" 60mm	T-7	6.5" 164mm	3.50 1 0.45	2.74 2.66 2.59
36665 1 EACH	Wiha Tools 36270 Lifetime	2.4" 60mm	T-8	6.5" 164mm	3.60 1 0.45	2.82 2.73 2.66

"SoftFinish" Security Torx Drivers

75058 61844 10237 48630

WIHA German made precision screwdrivers feature high alloy chrome-vanadium-molybdenum steel. Cellulose acetate red plastic handle is impact resistant.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Blade Length (inches)	Tip Size (Torx Screws)	Overall Length (inches)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
75058 1 EACH	Wiha Tools 36269 Lifetime	2.4" 60mm	T-7	6.5" 164mm	6.30 0.03 0.01	4.92 4.78 4.65
61844 1 EACH	Wiha Tools 36271 Lifetime	2.4" 60mm	T-8	6.5" 164mm	6.30 0.03 0.01	4.92 4.78 4.65
10237 1 EACH	Wiha Tools 36273 Lifetime	2.4" 60mm	T-9	6.7" 171mm	6.50 0.03 0.01	5.08 4.93 4.80
48630 1 EACH	Wiha Tools 36275 Lifetime	3.0" 80mm	T-10	7.5" 191mm	6.50 0.03 0.01	5.08 4.93 4.80

Precision Torx Drivers

422389 41469 69146

WIHA German made precision screwdrivers feature high alloy chrome-vanadium-molybdenum steel. Rotating cap for precise turningcontrol with your fingertip. High quality plastic (cadmium free) tapered handles and precision ground tips.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Blade Length (inches)	Tip Size (Torx Screws)	Overall Length (inches)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
41469 1 EACH	Wiha Tools 26790 Lifetime	40-60mm	Incl: T6 T7 T8 T9 T10 T15	120-170mm	36.20 0.24 0.11	28.28 27.44 26.72
NEW **416389** 10 EACH	Wiha Tools 27803 Lifetime		WIHA ESD SAFE Precision Torx Driver, Blade T3 x 40, 120mm OAL		6.50 0.03 0.01	5.08 4.93 4.80
NEW **422389** 1 EACH	Wiha Tools 27835 Lifetime		WIHA ESD SAFE Precision Torx Driver, Blade T10 x 50, 145mm OAL		6.80 0.04 0.02	5.32 5.16 5.02
NEW **423391** 10 EACH	Wiha Tools 27829 Lifetime		WIHA ESD SAFE Precision Torx Driver, Blade T9 x 50, 145mm OAL		6.60 0.04 0.02	5.16 5.01 4.88
NEW **431389** 10 EACH	Wiha Tools 27801 Lifetime		WIHA WIHA ESD SAFE Precision Torx Driver, Blade T1 x 40, 120mm OAL		6.50 0.03 0.01	5.08 4.93 4.80
NEW **462380** 10 EACH	Wiha Tools 27805 Lifetime		WIHA ESD SAFE Precision Torx Driver, Blade T5 x 40, 120mm OAL		6.50 0.03 0.01	5.08 4.93 4.80
NEW **473370** 10 EACH	Wiha Tools 27802 Lifetime		WIHA ESD SAFE Precision Torx Driver, Blade T2 x 40, 120mm OAL		6.50 0.03 0.01	5.08 4.93 4.80
NEW **473389** 10 EACH	Wiha Tools 27804 Lifetime		WIHA ESD SAFE Precision Torx Driver, Blade T4 x 40, 120mm OAL		6.50 0.03 0.01	5.08 4.93 4.80
NEW **482367** 10 EACH	Wiha Tools 27811 Lifetime		WIHA ESD SAFE Precision Torx Driver, Blade T6 x 40, 120mm OAL		6.50 0.03 0.01	5.08 4.93 4.80
NEW **489374** 10 EACH	Wiha Tools 27823 Lifetime		WIHA ESD SAFE Precision Torx Driver, Blade T8 x 40, 120mm OAL		6.50 0.03 0.01	5.08 4.93 4.80
NEW **491381** 10 EACH	Wiha Tools 27817 Lifetime		WIHA ESD SAFE Precision Torx Driver, Blade T7 x 40, 120mm OAL		6.50 0.03 0.01	5.08 4.93 4.80
NEW **20974** 1 EACH	Wiha Tools 26792 Lifetime		T-5-T10 & T-15		42.10 0.03 0.01	32.88 31.97 31.07
69146 1 EACH	Wiha Tools 26705 Lifetime	1.6" 40mm	T-5	4.7" 120mm	6.30 0.03 0.01	4.92 4.78 4.65
55932 1 EACH	Wiha Tools 26706 Lifetime	1.6" 40mm	T-6	4.7" 120mm	6.30 0.03 0.01	4.92 4.78 4.65
42718 1 EACH	Wiha Tools 26707 Lifetime	1.6" 40mm	T-7	4.7" 120mm	6.30 0.03 0.01	4.92 4.78 4.65
81111 1 EACH	Wiha Tools 26708 Lifetime	1.6" 40mm	T-8	4.7" 120mm	6.30 1 0.45	4.92 4.78 4.65
16290 1 EACH	Wiha Tools 26709 Lifetime	2" 50mm	T-9	5.7" 145mm	6.40 0.03 0.01	5.00 4.86 4.73
93076 1 EACH	Wiha Tools 26710 Lifetime	2" 50mm	T-10	5.7" 145mm	6.60 0.03 0.01	5.16 5.01 4.88

NEW = New Listing. Pricing for reference on
See TESSCO.com for latest pricing and produ

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andard Torx Screwdrivers

3518 11222 99946 49615 86732 61553

No. Uom	Manufacturer Mfg. P/N Warranty	Blade Length (inches)	Tip Size (Torx Screws)	Overall Length (inches)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
518 ACH	Xcelite XTD6V Lifetime	3"	T-6	6 5/8"	5.55 0.18 0.08	4.62 4.26 3.96
911 ACH	Xcelite XTD8V Lifetime	3"	T-8	6 5/8	5.55 0.18 0.08	4.62 4.26 3.96
160 ACH	Xcelite XTD10V Lifetime	3"	T-10	6 5/8"	5.55 0.18 0.08	4.62 4.26 3.96
222 ACH	Xcelite XTD10XL Lifetime	9 3/4"	T-10	13 3/8"	6.35 1 0.45	5.27 4.86 4.52
946 ACH	Xcelite XTD15V Lifetime	3"	T-15	6 5/8"	5.55 0.17 0.08	4.62 4.26 3.96
615 ACH	Xcelite XTD15XL Lifetime	9 3/4"	T-15	13 3/8"	6.45 0.3 0.14	5.35 4.94 4.59
339 ACH	Xcelite XTD20V Lifetime	3"	T-20	6 5/8"	5.55 0.18 0.08	4.62 4.26 3.96
732 ACH	Xcelite XTD25 Lifetime	3"	T-25	6 5/8"	5.55 0.16 0.07	4.62 4.26 3.96
553 ACH	Xcelite XTD27 Lifetime	4 1/2"	T-27	8 5/8"	6.15 0.28 0.13	5.12 4.73 4.39
125 ACH	Xcelite XTD30V Lifetime	4 1/2"	T-30	8 5/8"	6.15 0.28 0.13	5.12 4.73 4.39

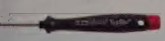
curity Torx Driver

154 15477 53870

No. Uom	Manufacturer Mfg. P/N Warranty	Blade Length (inches)	Tip Size (Torx Screws)	Overall Length (inches)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
154 ACH	Xcelite XTD8TP Lifetime	N/A	T-8	4"	6.30 0.2 0.09	5.25 4.85 4.50
477 ACH	Xcelite XTD10TP Lifetime	N/A	T-10	4"	6.30 0.12 0.05	5.25 4.85 4.50
870 ACH	Xcelite XTD15TP Lifetime	N/A	T-15	4"	6.30 0.12 0.05	5.25 4.85 4.50

Phillips Screwdrivers [580-64]

ecision Phillips Screwdriver



69231

Designed for maximum control, accuracy and durability, this tool features chrome-molybdenum vanadium steel blades, fast-turning swivel caps with cavity for precise centering, precision toleranceblack tips, and no-roll handle.

uing product table (1 of 2)

No. Uom	Manufacturer Mfg. P/N Warranty	Blade Type	Blade Length (inches)	Overall Length (inches)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
231 ACH	Xcelite XPPH00 Lifetime	#00	n/a	n/a	5.75 1 0.45	4.61 4.58 4.52

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Blade Type	Blade Length (inches)	Overall Length (inches)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30838 1 EACH	Xcelite XPPH0 Lifetime	#0	n/a	n/a	5.00 0.03 0.01	4.01 3.99 3.94

Precision Screwdrivers -Phillips

75391 76640 62177

WIHA German made precision screwdrivers feature high alloy chrome-vanadium-molybdenum steel. Rotating cap for precise turningcontrol with your fingertip. High quality plastic (cadmium free) tapered handles and precision ground tips.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Blade Type	Blade Length (inches)	Overall Length (inches)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
75391 1 EACH	Wiha Tools 26100 Lifetime	#00	40mm 1.6"	120mm 4.7"	5.20 1 0.45	4.07 3.95 3.84
76640 1 EACH	Wiha Tools 26102 Lifetime	#000	40mm 1.6"	120mm 4.7"	6.70 0.03 0.01	5.24 5.08 4.95
23784 1 EACH	Wiha Tools 26105 Lifetime	#0	50mm 2.0"	145mm 5.7"	4.60 0.03 0.01	3.60 3.49 3.40
62177 1 EACH	Wiha Tools 26110 Lifetime	#1	60mm 2.3"	170mm 6.7"	5.10 1 0.45	3.99 3.87 3.77

"SoftFinish" Phillips Screwdrivers

23458 10244 48637

WIHA German made precision screwdrivers feature high alloy chrome-vanadium-molybdenum steel. Cellulose acetate red plastic handle is impact resistant.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Blade Type	Blade Length (inches)	Overall Length (inches)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
23458 1 EACH	Wiha Tools 31105 Lifetime	#0	2.4" 60mm	6.5" 164mm	3.50 0.07 0.03	2.74 2.66 2.59
10244 1 EACH	Wiha Tools 31110 Lifetime	#1	3.0" 80mm	7.5" 191mm	4.80 0.14 0.06	3.75 3.64 3.55
48637 1 EACH	Wiha Tools 31115 Lifetime	#2	4.0" 100mm	8.6" 218mm	6.50 0.22 0.1	5.08 4.93 4.80

"SoftFinish" Posidrive Screwdrivers

WIHA German made precision screwdrivers feature high alloy chrome-vanadium-molybdenum steel. Cellulose acetate red plastic handle is impact resistant.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Blade Type	Blade Length (inches)	Overall Length (inches)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
35423 1 EACH	Wiha Tools 31305 Lifetime	#0	2.4" 60mm	6.5" 164mm	4.70 0.07 0.03	3.68 3.57 3.47
73816 1 EACH	Wiha Tools 31310 Lifetime	#1	3.0" 80mm	7.5" 191mm	5.60 0.14 0.06	4.38 4.25 4.14
22209 1 EACH	Wiha Tools 31315 Lifetime	#2	4.0" 100mm	8.6" 218mm	7.30 0.22 0.1	5.71 5.54 5.39

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Regular - Phillips Type

All blades are AISI 6150 chrome vanadium steel, plated for protection

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Blade Type	Blade Length (inches)	Overall Length (inches)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
85483 1 EACH	Xcelite X101V Lifetime	#1, 3/16"	3"	6 5/8"	5.00 0.18 0.08	4.14 3.82 3.55
27914 1 EACH	Xcelite X102V Lifetime	#2, 5/16"	6"	10 1/2"	6.65 0.42 0.19	5.52 5.10 4.73
33876 1 EACH	Xcelite X103V Lifetime	#3, 5/16"	6"	10 1/2"	9.30 0.42 0.19	7.72 7.13 6.62

Super-Tru Tip - Phillips type

79763 62775 66549 91529

The bright, nickel chrome plated blades have tips which have been specially treated & finished with black oxide for the ultimate in control. The advantage lies in the closer fit of the super-tru tips for much longer life and the reduction of damage to screw head recesses, especially in the smaller size fasteners.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Blade Type	Blade Length (inches)	Overall Length (inches)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
79763 1 EACH	Xcelite XST100V Lifetime	#0, 1/8"	2"	4 5/8"	4.65 0.09 0.04	3.85 3.56 3.30
28156 1 EACH	Xcelite XST101V Lifetime	#1, 3/16"	3"	6 5/8"	6.40 0.18 0.08	5.32 4.91 4.56
62775 1 EACH	Xcelite XST1010 Lifetime	#1, 3/16"	10"	13 5/8"	9.70 1 0.45	8.07 7.45 6.92
66549 1 EACH	Xcelite XST102V Lifetime	#2, 1/4"	4"	8 1/8"	8.20 0.27 0.12	6.82 6.29 5.85
91529 1 EACH	Xcelite XST1020 Lifetime	#2, 1/4"	10"	14 1/8"	10.80 0.43 0.2	9.00 8.31 7.72

Pocket Clip Style - Phillips

All blades are AISI 6150 chrome vanadium steel, plated for protection. The handle features a pocket clip.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Blade Type	Blade Length (inches)	Overall Length (inches)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
31903 1 EACH	Xcelite P12SV Lifetime	#0, 1/8"	2"	4 1/4"	3.40 0.06 0.03	2.80 2.59 2.40

Stubby - Phillips Type

All blades are AISI 6150 chrome vanadium steel, plated for protection.

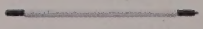
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Blade Type	Blade Length (inches)	Overall Length (inches)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37623 1 EACH	Xcelite SX102 Lifetime	#2, 1/4"	1 5/16"	3 3/8"	6.25 0.01 0	5.19 4.79 4.45

KLEIN Cushion Grip Screwdrivers

415353 440393 486375

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Blade Type	Blade Length (inches)	Overall Length (inches)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 415353 1 EACH	Klein Tools, Inc. 6033 Lifetime	KLEIN #1 Phillips-tip, 3" shank, cushion-grip screwdriver with round-shank, ProfilatedÆ tip. 6-3/4" overall length. USA	3"	6-3/4"	9.10 1 0.45	5.13 4.66 4.53
NEW 440393 1 EACH	Klein Tools, Inc. 6036 Lifetime	KLEIN #3 Phillips-tip, cushion-grip screwdriver, ProfilatedÆ tip. 11" OAL. USA	6" shank,	11" overall length.	14.20 1 0.45	8.02 7.27 7.08
NEW 486375 1 EACH	Klein Tools, Inc. 6034 Lifetime	KLEIN #2 Phillips-tip, 4" shank, cushion-grip screwdriver round-shank, ProfilatedÆ tip, overall length 8-5/16".	4" shank,	8-5/16"	10.55 1 0.45	5.96 5.41 5.26

Phillips Screw Starters



76083

Screw Starters hold screws securely to position for hard to reach places. Twist the bit to hold. Strong magnet end picks dropped parts. 5-5/8" OAL. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Blade Type	Blade Length (inches)	Overall Length (inches)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
76083 1 EACH	GC/Waldom 12-047 30 Days	Double headed screw-starter for phillips and slot-tedscrews.		5-5/8" OAL	11.20 0.2 0.09	10.6 9.70 9.49

Nut Drivers [580-65]

Midget Nutdrivers

36899 90280

Compact convertible tool set save space in your toolkit. Min nutdrivers perform like full siz when used with the regular sized"torque amplifier" handle Overall length of each driver 1/2". Packed in a see-thru carr case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36899 1 EACH	Xcelite PS120V Lifetime	Midget SAE nutdrivers in sizes: 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, and 3/8". Includes black Torque Amplifier handle.	41.50 0.94 0.43	34.5 31.9 29.6
90280 1 EACH	Xcelite PS121MM Lifetime	Midget METRIC nutdriver kit contains: 3, 3.5, 4, 4.5, 5, 5.5, 6, 7, 8, and 10mm sizes. Also has black torque amplifier handle.	51.20 0.88 0.4	42.6 39.3 36.5

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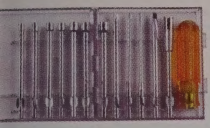
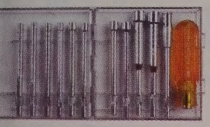
9 Series Nutdriver/Screwdriver Set



The series 99 drivers can be used interchangeably with any 99 series handle common in many service tool kits. All blades are hardened tempered steel for quality performance. Complete sets are packaged in a see-thru plastic keep case.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
359 ACH	Xcelite 99PS50 Lifetime	13 pc Nutdriver/Screwdriver Set contains: Nutdrivers in sizes; 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8 Screwdrivers in sizes: 3/16" and 1/4" flat blade, #1, #2 phillips. Also 4" extension and Standard size 99 series handle.	64.60 1.4 0.64	53.80 49.67 46.11

terchangeable Blade Nutdrivers-MM



99 Series blades are interchangeable with many of the blades commonly found in tool kits. All blades are of high quality hardened and tempered steel.

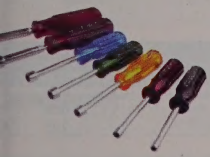
t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
973 ACH	Xcelite 99PS51MM Lifetime	11pc METRIC nutdriver kit. Contains: 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11mm nutdriver blades, 4" extension, and standard size 99 series handle in plastic see-thru case.	69.55 1.71 0.78	57.91 53.47 49.64

utdriver Sets, Hollow Shaft

10 piece set of nutdrivers with hollow shafts. Poly keep and carrycase keeps them all together when you need them.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
187 ACH	Xcelite 413MM Lifetime	10 pc METRIC nutdriver set includes: 4, 4.5, 5, 5.5, 6, 7, 8, 10, 11, 13mm sizes. Drilled shaft (31.35mm depth).	70.95 4.94 2.25	59.08 54.54 50.64
078 ACH	Xcelite HS618 Lifetime	10 pc SAE nutdriver set includes: 3/8, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, and 9/16" sizes. Full hollow shaft.	68.95 2.96 1.35	57.41 53.00 49.21

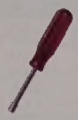
utdriver Sets, Drilled Shaft



7 piece nut driver set. Drilled shafts. With plastic pouch.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
263 ACH	Xcelite 157 Lifetime	7 pc nutdriver set includes: 3/16, 1/4, 5/16, 11/32, 3/8, 7/16, 1/2" sizes. Drilled shaft depth: 1 1/8"	42.20 2 0.91	35.14 32.44 30.12

Regular-Full Hollow Shaft



Xcelite nut drivers feature steel shafts and precision-machined, cold-drawn, case-hardened sockets with bright finish. Molded firm grip plastic handles are color-coded for easy size identification.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
24934 1 EACH	Xcelite HS14V Lifetime	7/16" brown	8.50 0.27 0.12	7.09 6.54 6.07
76541 1 EACH	Xcelite HS12V Lifetime	3/8" blue	6.60 0.23 0.1	5.50 5.08 4.72
29851 1 EACH	Xcelite HS6 Lifetime	3/16", black	6.25 0.28 0.13	5.19 4.79 4.45
33433 1 EACH	Xcelite HS7 Lifetime	7/32", Brown	6.25 0.28 0.13	5.19 4.79 4.45
71826 1 EACH	Xcelite HS8 Lifetime	1/4", red	6.25 1 0.45	5.19 4.79 4.45
50113 1 EACH	Xcelite HS9V Lifetime	9/32" orange	6.25 0.22 0.1	5.19 4.79 4.45
38148 1 EACH	Xcelite HS10V Lifetime	5/16", amber	6.25 0.21 0.1	5.19 4.79 4.45
20219 1 EACH	Xcelite HS11V Lifetime	11/32", Green	6.60 0.23 0.1	5.50 5.08 4.72
63327 1 EACH	Xcelite HS16V Lifetime	1/2" red	8.50 0.26 0.12	7.09 6.54 6.07
11720 1 EACH	Xcelite HS18V Lifetime	9/16" orange	8.50 0.28 0.13	7.09 6.54 6.07

Metric Nut Drivers

Manufactured precisely to metric dimension, these tools are particularly useful in the assembly and servicing of foreign equipment. Blades, shafts and shanks are finished in bright finish. Regular drilled shaft , black handles.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
86533 1 EACH	Xcelite 7MM Lifetime	7mm nutdriver	6.20 0.25 0.11	5.14 4.74 4.40
28134 1 EACH	Xcelite 8MM Lifetime	8mm nutdriver	6.20 0.25 0.11	5.14 4.74 4.40
65101 1 EACH	Xcelite 10MM Lifetime	10mm nutdriver	7.55 0.25 0.11	6.29 5.80 5.39

Precision Miniature Nut Drivers Sets

93999 80785

Nutdriver sets are precision German made drivers made of high alloy chrome vanadium molybdenum steel blades with plastic handlesthat feature rotating cap for precice turning control. All drivers have 2.4" 60mm long blades and are 6.1" 155mm overall.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
93999 1 EACH	Wiha Tools 26590 Lifetime	8 pc metric set includes: 2.5mm, 3.0mm, 3.5mm, 4.0mm, 4.5mm,5.0mm, 5.5mm, 6.0mm nutdrivers.	47.30 0.46 0.21	36.95 35.86 34.91
80785 1 EACH	Wiha Tools 26591 Lifetime	8 pc Inch set includes: 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4" nutdrivers.	46.90 0.5 0.23	36.63 35.55 34.62

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
467011 1 EACH	Wiha Tools 70403 Lifetime	5.0mm x 50mm/2"	8.20 0.3 0.14	6.41 6.22 6.06
473023 1 EACH	Wiha Tools 70427 Lifetime	5/16" x 50mm/2"	3.75 0.3 0.14	2.91 2.82 2.75

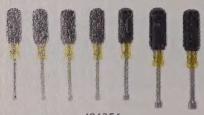
XCELITE Xtra Long-Hollow Shaft Nutdriver

453327

- Precision-machined, cold-drawn, case-hardened socket with bright finish
- Molded firm grip

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 426303 1 EACH	Xcelite L12V Lifetime	Extra long, precision-machined, cold-drawn, case-hardened socket, full hollow shaft nut driver with color coded handles.	8.15 0.4 0.18	6.79 6.26 5.82
NEW 453327 1 EACH	Xcelite L8V Lifetime	Extra long, precision-machined, cold-drawn, case-hardened socket, full hollow shaft nut driver with color coded handles.	7.70 0.25 0.11	6.42 5.93 5.50
NEW 488371 1 EACH	Xcelite L10V Lifetime	Extra long, precision-machined, cold-drawn, case-hardened socket, full hollow shaft nut driver with color coded handles.	7.70 0.33 0.15	6.42 5.93 5.50

KLEIN 7-Piece Nut Driver Set



496356

KLEIN Nutdriver 7pc Set. includes 3/16" - 1/2" fully chrome plated, hollow-shank nut drivers, color-coded handle dome identifies the hex-nut size. USA

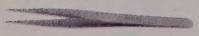
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 496356 1 EACH	Klein Tools, Inc. 631 Lifetime	KLEIN Nutdriver 7pc Set includes 3/16" - 1/2" hollow-shank nut drivers, USA	62.70 1 0.45	35.49 32.21 31.34

Locking Forceps, Tweezers [580-66]

If you are buying these, you may need:

Tool Cases without Tools. . . . . page 1531
Flashlights . . . . . page 1654

Heavy Tapered Tweezer

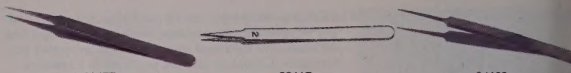


89407

General use tweezers. Shanks heavy wall with tapered point. Flat edges for gripping object with tip or side.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
68263 1 EACH	EREM EROP 00SAV 1 yr	No 00 Heavy point. Non magnetic, anti-acid alloy stainless steel. Made in India	7.65 0.08 0.04	6.35 5.86 5.45
89407 1 EACH	Grobet 57.842 1 yr	No 00 Stainless Steel Tweezer. Made in USA	8.50 0.08 0.04	8.50 7.87 7.65

Sharp Point #2 Tweezers



81477 23617 94683

General use sharp point tweezers. Points are indented for long tapered point.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
81477 1 EACH	EREM 2SA 1 yr	No. 2 sharp point tip tweezer. Non magnetic, anti-acid alloy material.	12.60 0.08 0.04	10.47 9.66 8.97
23617 1 EACH	Grobet 57.209 1 yr	#2 fine point tweezer. Stainless Steel. Made in Switzerland.	22.10 0.04 0.02	22.10 20.45 19.89
94683 1 EACH	GC/Waldom 7994 1 yr	4 1/2" long extra fine point tweezer. Stainless Steel.	4.40 0.06 0.03	4.10 3.82 3.74

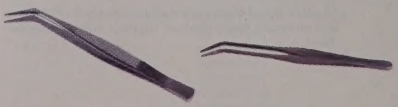
Blunt Flat Tip 2A Tweezer

94691

General use blunt flat nose.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
94691 1 EACH	EREM EROP 2ASA 1 yr	No. 2A blunt flat tip tweezer. Non magnetic, anti-acid alloy stainless steel. made in India.	6.00 0.08 0.04	5.00 4.62 4.29

Curved Tweezer



43076 76016

For better view of close wor for hard to reach places.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
43076 1 EACH	GC/Waldom 7995 1 yr	4-1/2" Curved point tweezer.	4.40 0.08 0.04	4.10 3.82 3.74
76016 1 EACH	Xcelite XHT678 1 yr	6-7/8" curved nose stainless tweezer.	6.45 0.11 0.05	5.37 4.96 4.60

Blunt Flat Reverse Action Tweezer

78249

Straight general purpose reverse action tweezer. Blunt Tip.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
78249 1 EACH	Grobet 57.750 1 yr	No. 2AX blunt flat tip tweezer. Stainless Steel. Made in USA	4.60 0.08 0.04	4.60 4.26 4.14

Extra Fine Point #4 Tweezer

- Stainless steel
- Anti-magnetic
- Super-fine points
- For handling very fine wires and miniature components

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 461152 1 EACH	EREM 5SA 1 yr	No 4 extra fine point tweezer. Non magnetic, anti-acid alloy stainless steel. Made in Switzerland	35.20 0.08 0.04	29.33 27.07 25.14

NEW = New Listing. Pricing for reference onl
See TESSCO.com for latest pricing and produc

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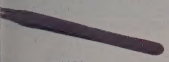
uper Fine Point #5 Tweezer

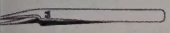


80228

For special shaping, and handling of fine wires, miniature components, speed diodes, SMD's Melf, etc.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
228 ACH	EREM EROPSSA 1 yr	No 5 super fine point tweezer. Non magnetic, anti-acid alloy stainless steel. Made in India	6.00 0.08 0.04	5.00 4.62 4.29

uper Fine Point #5a Tweezer



28621

For special shaping, and handling of fine wires, miniature components, speed diodes, SMD's Melf, etc.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
621 ACH	EREM EROP5ASA 1 yr	No 5a super fine point tweezer with relief. Non magnetic, anti-acid alloy stainless steel. Made in India	6.00 0.08 0.04	5.00 4.62 4.29

ook Nose Tweezer

62010

Sharp hooked points for wire wrapping, forming, bending & coiling. The angled points can also be used to reach hard to get to areas.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
010 ACH	Grobet 57.241 1 yr	No. 6 hook nose tweezer. Stainless Steel. made in Switzerland.	30.20 0.08 0.04	30.20 27.94 27.18

urved Sharp Point Tweezer

64228

General use tweezers. Shanks are indented to a sharp point. Point is .055" wide with beveled edges.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
228 ACH	Grobet 57.836 1 yr	No 7 Sharp curved point tweezer. Made in USA	7.85 0.08 0.04	7.85 7.27 7.07
870 ACH	EREM EROP7SA 1 yr	No.7 curved sharp point tweezer. Non magnetic, anit-acid alloy stainless Steel. Made in India.	6.00 0.08 0.04	5.00 4.62 4.29

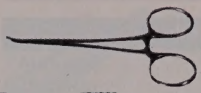
ecial Holding Tweezer

22368

Tweezer for gripping and holding small objects. Plunger handle opens wire jaws the contract back into the handle. 4-3/4" overall length.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
368 ACH	Grobet 57.635 1 yr	Pick up Tweezer.	4.70 0.08 0.04	4.70 4.35 4.23

Seizer Tweezers, Hemostats



56290

Versatile general purpose locking tweezer/hemostat. Stainless Steel. Works well for holding parts, heat sinking, etc. Serrated jaws with box joint construction.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
17897 1 EACH	GC/Waldom 7977 1 yr	6" Straight jaw hemostat.	11.95 0.11 0.05	11.15 10.37 10.15
56290 1 EACH	GC/Waldom 7979 1 yr	6" Curved jaw hemostat.	11.95 0.08 0.04	11.15 10.37 10.15

WIHA Isolated Tweezers

421336

427368

440390

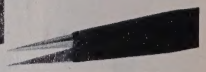
Wiha professional tweezers covered with isolated coating protects adjacent components from residual spark-over In exposed energized circuits.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **421336** 1 EACH	Wiha Tools 49158 Lifetime	WIHA Tweezers- With Isolation Coating, Long Narrow, 155mm OAL, Carbon Steel Nickel Plated, 22 Isol	15.30 0.1 0.05	11.95 11.60 11.30
NEW **427368** 1 EACH	Wiha Tools 49157 Lifetime	WIHA Tweezers- With Isolation Coating, Standard Bent Point Serrated, 145mm OAL, Carbon Steel Nickel Plated, 22b isol	16.10 0.1 0.05	12.58 12.21 11.89
NEW **440390** 1 EACH	Wiha Tools 48100 Lifetime	WIHA Tweezers- With Isolation Coating, Standard Point, 130mm OAL, Carbon Steel Nickel Plated, AA Isol	16.65 0.1 0.05	13.00 12.62 12.28

WIHA ESD Tweezers

412386

457335



479354

ESD Safe, Anti-Static Conductive, and Hypo-Allergenic Tweezers are made of special stainless steel, that is anti-magnetic and acid resistant.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **412386** 1 EACH	Wiha Tools 44506 Lifetime	WIHA Tweezers, ESD Coated, Fine Rounded Tips, 120mm OAL, 3 SA	16.40 0.08 0.04	12.80 12.42 12.09
NEW **467397** 1 EACH	Wiha Tools 44532 Lifetime	WIHA Tweezers, ESD Coated, Strong Standard Tips, 120mm OAL, 00 Antimagnetic, Acid Resistant Stainless Steel	21.60 0.09 0.04	16.84 16.35 15.92
NEW **496369** 1 EACH	Wiha Tools 44531 Lifetime	WIHA Tweezers, ESD Coated, General Purpose Fine Tips, 120mm OAL, 1 SA 1 Antimagnetic, Acid Resistant Stainless Steel	16.95 0.08 0.04	13.23 12.85 12.51
NEW **457335** 1 EACH	Wiha Tools 44505 Lifetime	WIHA Tweezers, ESD Coated, Flat Blunt Tip, 120mm OAL, Size 2A, Antimagnetic, Acid Resistant Stainless Steel	16.10 0.08 0.04	12.58 12.21 11.89
NEW **462394** 1 EACH	Wiha Tools 44508 Lifetime	WIHA Tweezers, ESD SAFE Coated, Very Fine Tips, Tapered, 110mm OAL, 4 Antimagnetic, Acid Resistant Stainless Steel	16.90 0.08 0.04	13.20 12.81 12.48
NEW **479354** 1 EACH	Wiha Tools 44507 Lifetime	WIHA Tweezers, ESD Coated, Fine Rounded Tips, 110mm OAL, 3c Antimagnetic, Acid Resistant Stainless Steel	16.40 0.08 0.04	12.80 12.42 12.09
NEW **421347** 1 EACH	Wiha Tools 44510 Lifetime	WIHA Tweezers, ESD Coated, Curved With Extra Fine Tips, 120mm OAL, 5 SA Antimagnetic, Acid Resistant Stainless Steel	21.20 0.08 0.04	16.56 16.07 15.65
NEW **470354** 1 EACH	Wiha Tools 44509 Lifetime	WIHA Tweezers, ESD Coated, Extra Fine Tips, Tapered Body, 110mm OAL, 5 Antimagnetic, Acid Resistant Stainless Steel	16.90 0.08 0.04	13.20 12.81 12.48
NEW **445337** 1 EACH	Wiha Tools 44533 Lifetime	WIHA Tweezers, ESD Coated, Angled Bent Tips, 120mm OAL, 7 SA 1 Antimagnetic, Acid Resistant Stainless Steel	20.80 0.08 0.04	16.22 15.74 15.33
NEW **471384** 1 EACH	Wiha Tools 44503 Lifetime	WIHA Tweezers, ESD SAFE Coated, Long Narrow Body, 135mm OAL, Stainless Steel	16.40 0.08 0.04	12.80 12.42 12.09

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Interchangeable Blade Tools [580-67]

If you are buying these, you may need:

Cordless Drills . . . . . page 1514
Tool Cases without Tools . . . . . page 1531

99 Series Handles

50583 54584

The Series 99 interchangeable blades, shanks, & handles shown on the following pages are all available separately, allowing gradual, economical accumulation of whatever items might be needed for your individual requirements. This also permits ownersof series 99 sets or kits to enlarge them or substitute tools, as necessary atminimal cost.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
50583 1 EACH	Xcelite 993 Lifetime	Stubby handle. Amber. 1 3/16" x 2".	4.80 0.3 0.14	3.99 3.68 3.42
54584 1 EACH	Xcelite 991V Lifetime	Regular handle. Amber. 1 3/16" x 4 1/8".	5.05 0.21 0.1	4.19 3.86 3.59

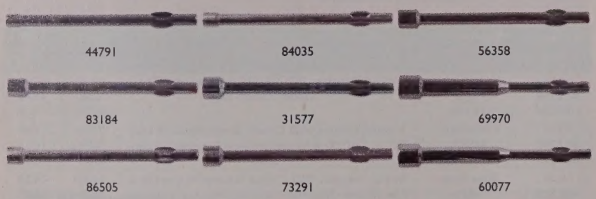
99 Series Ratcheting Handles

92977 98697

The easy to operate Regular (99-1-RV) or Tee (99-4-R) reversible Ratcheting Handle permits extremely simple one handed operation, even in tight quarters. New features include silent operation, a smooth precise action and left- right-neutral marking indicator. Light ratchetingdrag facilitates turning and prevents fastners from reversing.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
92977 1 EACH	Xcelite 991RV Lifetime	Regular handle. Black. 1 3/16" x 5 1/4".	34.00 0.38 0.17	28.29 26.12 24.25
98697 1 EACH	Xcelite 994RV Lifetime	Tee handle. Black. 3 1/2" x 2 1/2".	34.00 0.32 0.15	28.29 26.12 24.25

Nutdriver Blades



44791 84035 56358
83184 31577 69970
86505 73291 60077

These blades can be used with the fixed (regular and Tee) or the reversible ratcheting (regular and Tee) handles. The power bit adapter 99PA (sku 20967) enables one to use any of the 99 series blades with a power drill or screwdriver with a 1/4" chuck.

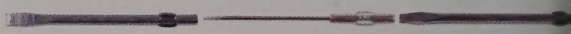
Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
44791 1 EACH	Xcelite 996V Lifetime	Size 3/16". Working length 3 5/8".	4.80 0.1 0.05	3.99 3.68 3.42
84035 1 EACH	Xcelite 997V Lifetime	Size 7/32". Working length 3 5/8".	4.80 0.1 0.05	3.99 3.68 3.42
70821 1 EACH	Xcelite 998V Lifetime	Size 1/4". Working length 3 5/8".	4.80 0.09 0.04	3.99 3.68 3.42
56358 1 EACH	Xcelite 999V Lifetime	Size 9/32". Working length 3 5/8".	4.80 0.09 0.04	3.99 3.68 3.42
83184 1 EACH	Xcelite 9910V Lifetime	Size 5/16". Working length 3 5/8".	4.80 0.1 0.05	3.99 3.68 3.42

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
89319 1 EACH	Xcelite 9911V Lifetime	Size 11/32". Workinglength 3 5/8".	5.00 0.1 0.05	4.17 3.85 3.57
31577 1 EACH	Xcelite 9912V Lifetime	Size 3/8". Working length 3 5/8".	5.00 0.1 0.05	4.17 3.85 3.57
69970 1 EACH	Xcelite 9914V Lifetime	Size 7/16". Working length 4".	6.40 0.1 0.05	5.34 4.93 4.57
18363 1 EACH	Xcelite 9916V Lifetime	Size 1/2". Working length 4".	6.40 0.1 0.05	5.34 4.93 4.57
86505 1 EACH	Xcelite 997MM Lifetime	Size 7mm Working length 3-5/8" 92mm	5.45 0.1 0.05	4.52 4.17 3.87
73291 1 EACH	Xcelite 999MM Lifetime	Size 9mm Working length 3-5/8" (92mm)	7.30 0.1 0.05	6.05 5.59 5.19
21684 1 EACH	Xcelite 9910MM Lifetime	Size 10mm Working length 4" (102mm)	7.30 0.13 0.06	6.05 5.59 5.19
60077 1 EACH	Xcelite 9911MM Lifetime	Size 11mm Working length 4" (102mm)	6.70 1 0.45	5.55 5.13 4.76

Slotted Screwdriver Blades



14887 66494 98498

These blades can be used with the fixed (regular and Tee) or the reversible ratcheting (regul and Tee) handles. The power bit adapter 99PA (sku 20967) enables one to use any of the 99 series blades witha power drill or screwdriver with a 1/4" chuck.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
14887 1 EACH	Xcelite 99312V Lifetime	Blade diameter 5/16". Working length 4".	4.80 0.1 0.05	3.99 3.68 3.42
19214 1 EACH	Xcelite 99811V Lifetime	Blade diameter 3/16". Working length 4".	4.80 0.1 0.05	3.99 3.68 3.42
66494 1 EACH	Xcelite 99125V Lifetime	Blade diameter 1/8". Working length 4".	4.80 0.1 0.05	3.99 3.68 3.42
98498 1 EACH	Xcelite 99250 Lifetime	Blade diameter 1/4". Working length 4".	4.80 0.1 0.05	3.99 3.68 3.42

Phillips Screwdriver Blades

44393 57607

These blades can be used w the fixed (regular and Tee) o the reversible ratcheting (re lar and Tee). The power bit adapter 99PA (sku 20967) enables one to use any of th 99 series blades with a pow drill or screwdriver with a 1 chuck.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
44393 1 EACH	Xcelite 99822V Lifetime	Point type: #2. Working length 4".	4.80 0.09 0.04	3.99 3.68 3.42
57607 1 EACH	Xcelite 99820V Lifetime	Point type: #0. Working length 4".	4.80 0.09 0.04	3.99 3.68 3.42
96000 1 EACH	Xcelite 99821V Lifetime	Point type: #1. Working length 4".	4.80 0.09 0.04	3.99 3.68 3.42

NEW = New Listing. Pricing for reference o
See TESSCO.com for latest pricing and produ
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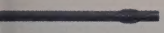
mper Proof Torx Blades

These blades can be used with the fixed (regular and Tee) or the reversible ratcheting (regular and Tee) handles. The power bit adapter 99PA (sku 20967) enables onr to use any of the 99 series blades with a power drill or screwdriver with 4" chuck.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
071 ACH	Xcelite 9910XTDTP Lifetime	Tip size: T-10. Working length 4".	6.40 0.07 0.03	5.30 4.90 4.55
464 ACH	Xcelite 9915XTDTP Lifetime	Tip size: T-15 Working length 4".	6.40 0.07 0.03	5.30 4.90 4.55

rx Screwdriver Blades

45642 73319 46891



33677

These blades can be used with the fixed (regular and Tee) or the reversible ratcheting (regular and Tee). The power bit adapter 99PA (sku 20967) enables one to use any of the 99 series blades with a power drill or screwdriver with a 1/4" chuck.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
542 ACH	Xcelite 996XTD Lifetime	Tip size: T-6. Working length 4".	5.30 0.07 0.03	4.42 4.08 3.79
926 ACH	Xcelite 9910XTD Lifetime	Tip size: T-10. Working length 4".	5.30 0.07 0.03	4.42 4.08 3.79
319 ACH	Xcelite 9915XTD Lifetime	Tip size: T-15. Working length 4".	5.30 0.08 0.04	4.42 4.08 3.79
712 ACH	Xcelite 9920XTD Lifetime	Tip size: T-20. Working length 4".	5.30 0.07 0.03	4.42 4.08 3.79
391 ACH	Xcelite 9925XTD Lifetime	Tip size: T-25. Working length 4".	5.30 0.07 0.03	4.42 4.08 3.79
577 ACH	Xcelite 9930XTD Lifetime	Tip size: T-30. Working length 4".	5.30 0.07 0.03	4.42 4.08 3.79

amer

41370

Enlarges existing holes.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
70 ACH	Xcelite 9938V Lifetime	Size: 1/8" x 3/8". Working length 4".	12.30 0.13 0.06	10.22 9.43 8.76

tension to "99" Series Tool

19938 54734

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
38 ACH	Xcelite 99X5V Lifetime	4" length.	6.55 0.15 0.07	5.45 5.03 4.67
34 ACH	Xcelite 99X10 Lifetime	7" extension for "99" series handles.	7.15 1 0.45	5.94 5.48 5.09

Power Bit Adapter

20967

This adapter allows any of the 99 series blades to be used with a power tool like a power drill or screwdriver. Adds convenience and verstaility.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
20967 1 EACH	Xcelite 99PA Lifetime	Fits all power toolswith 1/4" Hex chuck.	6.50 0.3 0.14	5.39 4.97 4.62

Measuring Tools [580-68]

Series 1000 Locking Tape

42285 67464

Lightweight high strength matt-black finished case. Positive toggle lock holds blade securely at any length for accurate measurements. Built-inshock absorber cushions blade return. Strengthened end hook design reduces end hook breakage. Abrasion resistant coated blade length for longer blade life. Removable belt clip. Easy to read red & black numerals on yellow background. Compensating end hook for inside and outside measurements. Rake style hook for better grip on many surfaces.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
42285 1 EACH	Lufkin 1012 1 Year	Length: 12'. Width: 1/2".	10.05 0.32 0.15	8.37 7.73 7.17
67464 1 EACH	Lufkin 1325 1 Year	Length: 25'. Width: 3/4".	19.70 1.25 0.57	16.40 15.14 14.06

High Visibility Tape

82758 17937 16688 68295 67119

Comfortable high impact case. 1" (2.54 cm) blade provides 7 ft (2.13 M) blade standout. Blade is bright and easy to read. Top positioned toggle lock. Rubber shock absorber cushions blade return.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
82758 1 EACH	Lufkin HY1312 1 Year	Length: 12'. Width: 3/4". High Visibility Yellow.	13.90 0.38 0.17	11.57 10.68 9.91
17937 1 EACH	Lufkin HY1316 1 Year	Length: 16'. Width: 3/4". High Visibility Yellow.	16.45 0.44 0.2	13.70 12.65 11.74
16688 1 EACH	Lufkin HV1425 1 Year	Length: 25'. Width: 1" High Visibility Orange.	21.30 0.44 0.2	17.75 16.38 15.21
68295 1 EACH	Lufkin HY1425 1 Year	Length: 25'. Width: 1" High Visibility Yellow.	21.30 0.44 0.2	17.75 16.38 15.21
67119 1 EACH	Lufkin HV-1048CME 1 Year	Length: 25' 7.6meter Width: 1" 25mm Includes English and Metric scales. Blaze Orange.	21.30 0.92 0.42	17.75 16.38 15.21

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Wind Up Tapes

55081

High-visibility light weight tape features high impact polystyrene case with a yellow clad steel blade. Easy wind druum with hook ring on the tapeend.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
436046	Lufkin	Length: 100' 30 meterWidth: 3/8" 10mm Includes Metric and English units. Blaze orange case.	29.40	24.46
1 EACH	HV-30CME		1	22.58
	1 Year		0.45	20.97
55081	Lufkin	Length: 50' 15 meterWidth: 3/8" 10mm Includes Metric and English units. Blaze orange case.	18.80	15.66
1 EACH	HV-15CME		1	14.46
	1 Year		0.45	13.43

Levels

20110

Lightweight, precision made level. 9" total length allows use in tight places. Three acrylic yellow vials measure plumb, level, and 45 degrees

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
20110	Klein Tools, Inc.	9" Aluminum Torpedo Level. 1-1/2"L X 5/8"W	23.05	13.04
1 EACH	930-9		1	11.84
	Lifetime		0.45	11.52

Stainless Steel Rule

70175

Stainless steel ruler. Measures English and metric in 1/32" and millimeter increments. Includes sliding T-stop to use as a stationary indicator.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
70175	K-D Tools	Stainless Steel 6" ruler. English and Metric 6" stainless steel ruler.	3.95	3.81
1 EACH	2522		0.1	3.79
	30 days		0.05	3.75

LUFKIN Hi-Viz Linear Fiberglass Tape

476370

LUFKIN Hi-Viz Fiberglass tapes are weatherproof and the line does not collect dirt in case. (tape stretches 0.0011"/feet per pound of unsupported tension over 4.5 lbs.)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Lufkin	LUFKIN Hi-Viz Fiberglass Tape 1/2" x 50 Ft	28.40	23.66
468382	1703		0.75	21.84
1 EACH	Lifetime		0.34	20.28
NEW	Lufkin	Hi-VizÆ Linear Reel 1/2" x 100' (tape stretches 0.0011"/feet per pound of unsupported tension.	42.70	35.56
476370	1706		1.2	32.83
1 EACH	Lifetime		0.55	30.48

KLEIN Aluminum Torpedo Level, Magnetic

453388

KLEIN Torpedo Level has heavy-duty, Rare Earth magnets to allow hands-free measurements on steel and iron surfaces (level,plumb,45-deg). Vials framed with glow-in-the-dark material for easy viewing. 9" overall length.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Klein Tools, Inc.	KLEIN Torpedo Level has heavy-duty. Vials framed with glow-in-the-dark. 9" overall length.	33.75	19.10
453388	931-9RE		1	17.33
1 EACH	Lifetime		0.45	16.87

Fish Tapes and Wire Installation [580-69]

Cable Caster

40660 27446

Cable Caster speeds low voltage wire installatio in ceilings, subfloors, rafters and other hard-to-reach areas. It is a handheld dartgun-like device that enables the installer to fire a highly accurat dart (up to 50') to the cable supply. Monofilame line is paid out, attached to the cable and reeled back to the installer. Includes a integral holder fo optional miniature flashlight for dark areas. Inclu two green darts.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
40660	Greenlee Tools	Cable Caster- Wire Installation Device	53.50	53.5
1 EACH	06186		3	52.4
			1.36	50.8
27446	Greenlee Tools	Replacement darts (4) for Cable Caster(SKU 40660).	6.45	6.4
4 PACK	06259		0.25	6.3
			0.11	6.1

Greenlee Fish Tapes

20802 59195

Both steel and fiberglass fish tapes come in a wind case. The winder case has the industry's largest ha dle provides greatest user comfort while pulling ta and during rewinding. The trigger maintains tensio on tape while rewinding. The fiberglass fish tapes pushes stiff and straight yet flexible enough to go ily through multiple 90 degrees in different planes. The fiberglass fish tapes are excellent for installati of telecommunications & data communication cab in overheadplenums above suspended ceilings and under floor.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
20802	Greenlee Tools	Steel fish tape in winder case. 50'x1/8"x0.60".	34.20	34.
1 EACH	29045		3	33.
	1 yr		1.36	32.
59195	Greenlee Tools	Fiberglass fish tapein winder case. 50'x1/8". Does not have trigger.	129.90	129.
1 EACH	35742		3	127.
	1 yr		1.36	123.

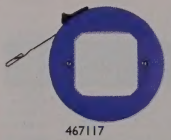
Steel Fish Tape

28714

Ideal's Tape-Pak(R) provide maximum strength and flexibilty. The case is construc of high-impact plastic and the tape is made of a high grade tempered steel.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
28820	Ideal Industries	40'x1/8"x.045" size tape.	29.55	26.
1 EACH	31-020		3	24.
	1 year		1.36	23.
28714	Ideal Industries	50'x1/8"x.060" size tape.	35.80	32.
1 EACH	31-033		3	29.
	1 year		1.36	29.

Steel Fish Tape



467117

Ideal's Economy fish tape. Reel serves as the handle for a firm grip Tape is made of high grade tempered steel.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
NEW	Ideal Industries	50'x1/8"x.045" size tape.	25.75	23.
467117	31-010		3	21.
1 EACH	1 year		1.36	20.

NEW = New Listing. Pricing for reference o See TESSCO.com for latest pricing and prod

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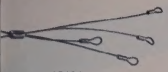
ulling Leaders

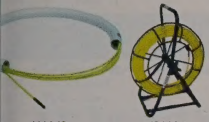


15606

Ideal's multiple-wire pulling leader connects to and pullsmore wires at one time. Lead wires and eyelets provide staggered connection points to prevent bunching in tight bends.

t No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
606 ACH	Ideal Industries 31-147 1 year	4 loop Multi-wire pulling leader	12.40 0.5 0.23	11.11 10.33 10.06

erSnake



461143 438196

Paladin's FiberSnake has a fiberlglass reinforced composite core jacketed in rugged plastic coating to ensure long life, high flexibility, and no splinters. Offered in a PVC storage case in 25' and 40' version, the 100' FiberSnake comes in a steel cage with a hand operated brake. All FiberSnakes have a bull nose at each end so wires can be pulled from either direction. The FiberSnake can be used in conduit.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
143 ACH	Paladin 1753 1yr	25', 2lbs, 18" diameter PVC case	59.95 2.5 1.14	53.72 49.94 48.62
151 ACH	Paladin 1754 1yr	40', 2lbs, 18" diameter PVC case	79.95 1.07 0.49	71.64 69.92 69.92
196 ACH	Paladin 1755 1yr	100', 13lbs, On wire weel cage	226.00 14 6.36	212.80 212.80 212.80

Hammers [580-70]

ft Blow Hammer

94762 43155 29941

Soft face hammer. Hammer features 12 oz head with a 13" fiberglass handle. Non-slip molded grip helps absorb shock. Must order faces separately.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
62 CH	Armstrong Tools 69-009 1 Year	Armstrong- 12oz soft face hammer.	21.35 0.5 0.23	20.68 20.58 20.37
55 CH	Armstrong Tools 69-156 Lifetime	Medium hard face Cream color	13.65 0.05 0.02	13.23 13.16 13.02
41 CH	Armstrong Tools 69-158 Lifetime	Replacement hard face. Black	16.35 0.05 0.02	15.86 15.78 15.62

y Bars

486389 68659 70776

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 389 CH	Plumb 11889 Lifetime	Forged carbon steel action bar with beveled nail slots. Blue enamel finish.	10.05 6 2.73	8.37 7.73 7.17
59 CH	Wireless Solutions 9-37353 30 days	Mini Pry Bar 5-1/2" long by 1/2" wide. Incl 3 tack pulling slots.	8.00 1.1 0.5	6.67 6.16 5.72
76 CH	Allen Tools 25675 30 days	14-1/2" pry bar, nail puller. Forged carbon-steel . Beveled nail slots at both ends. Hard enamel finish on handle.	16.10 0.61 0.28	13.39 12.36 11.48

Ball-Peen Hammer

51362

Ball-peen hammer with black ground head. Polished peins. Select quality hickory handle. Strong permabond handle-to-head attachment.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
51362 1 EACH	Plumb 11494 1 yr	4 Oz head, 10-1/2" length ball-peen hammer.	20.10 0.3 0.14	16.73 15.45 14.34

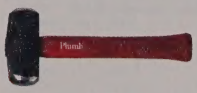
Rubber Mallet

58413

20 oz rubber mallet with 13-1/2" long hickory handle.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
58413 1 EACH	Allen Tools 25714 1 yr	Rubber Mallet	19.35 1.3 0.59	15.86 15.67 15.48

48 oz Hammer Mall



69982

48 oz Hammer mall used for driving stakes, ground rods etc. 10" quality hickory handle. Strong permabond handle-to-head attachment.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
69982 1 EACH	Plumb 11649 1 yr	48oz. head, 10-3/4" length handle, mall/hammer	35.65 3.16 1.44	29.69 27.41 25.45

Wrecking Bar

493189

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 493189 1 EACH	Wireless Solutions 4DC14 1 Year	24 inch Wrecking Bar	173.00 3.8 1.73	124.56 121.10 117.64

Rip Claw Hammer

34816

PLUMB Premuim ripping claw hammer. Virtually unbreakable fiberglass handle. Octagon shaped neck. Head weight 16 Oz. Overall length is 13-1/2".

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 34816 1 EACH	Plumb 11415 1yr	PLUMB Premuim ripping claw hammer. 16oz head	32.65 1.48 0.67	27.19 25.10 23.31

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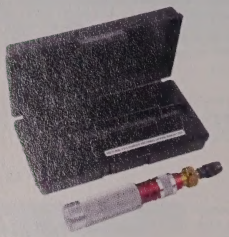
Torque Drivers [580-71]

If you are buying these, you may need:

Tool Cases without Tools. . . . . .page 1531
Wrenches. . . . . .page 1581

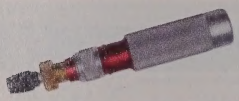
Torque Screwdriver



Torque limiting screwdriver for electronic applications. Limits torque in both left and right hand directions. Includes a precision micrometer scale in in-lbs. Accepts any common 1/4" hex drive bit.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 32971 1 EACH	Utica TS-100	Adjustable range from 20-100 in.-oz. Black collar. 2 in.-oz increments. 1/4 Female Hex Drive	193.00 0.56 0.25	193.00 179.49 172.16
80872 1 EACH	Utica TS-30 1 yr	Torque Screwdriver, 6 to 30 in.lbs increments. Red collar	204.00 0.56 0.25	204.00 189.72 181.97
NEW 460249 1 EACH	Utica TS-35 1 yr	Torque Screwdriver, 6 to 36 in.lbs increments. Blue collar	204.00 0.56 0.25	204.00 189.72 181.97

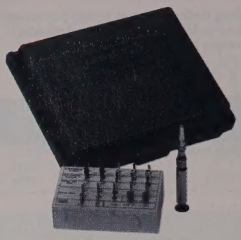
UTICA Adustable Torque Screwdrivers



- Standard product calibrated right hand only. Left hand
- Choice of adjustable models with precision micrometer
- U.S. Standard or metric scales
- Precision micrometer scale (adjustable models)
- Easy-release bit holders securely retain bits during
- Anti-backlash design for repeatability.
- Meets or exceeds ASME B107.14M and
- Adjustable model accuracy is ±6% of setting, starting
- Preset models accuracy ±4% right hand only.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 431319 1 EACH	Apex KT-30 30 Days	Torque Driver Kit, 20 pc, with torque ranges of 6-30 in-lbs.	423.50 0.06 0.03	423.50 393.86 377.77
NEW 436316 1 EACH	Apex KT-100 30 Days	Torque Driver Kit, 20 pc, with torque ranges of 20-100 in-oz.	399.30 0.06 0.03	399.30 371.35 356.18
NEW 436384 1 EACH	Apex TS-35 30 Days	Adjustable Torque Screwdriver with 1/4" Female Hex bit holder for ranges of 6-36 in-lbs.	224.40 0.5 0.23	224.40 208.70 200.17
NEW 489343 1 EACH	Apex TS-100 30 Days	Adjustable Torque Screwdriver with 1/4" Female Hex bit holder for ranges of 20-100 in-oz.	224.40 0.5 0.23	224.40 208.70 200.17
NEW 493392 1 EACH	Apex TS-30 30 Days	Adjustable Torque Screwdriver with 1/4" Female Hex bit holder for ranges of 6-30 in-oz.	224.40 0.5 0.23	224.40 208.70 200.17

UTICA Preset Torque Screwdriver

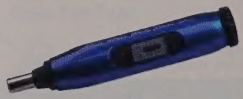


Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 438367 1 EACH	Apex KTT-1 30 Days	29 Pc Torque Screwdriver; Ranges: 5 In-oz through 20 in-lbs.	558.80 0.5 0.23	558.8 519.6 498.4
NEW 472328 1 EACH	Apex KT-130 30 Days	43 Pc Torque Screwdriver; Ranges: 20 In-oz throug 30 in-lbs.	741.40 0.5 0.23	741.4 689.5 661.3

UTICA Preset Torque Screwdrivers

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 452316 1 EACH	Apex TS-SN-2 30 Days	Present Torque Screwdriver. Ranges 64-640 In-oz or 4-40 In-lbs.	177.10 0.5 0.23	177.1 164.7 157.9
NEW 454398 1 EACH	Apex TS-SN-1 30 Days	Preset Torque Screwdriver w/1/4" Female Hex bit holder for ranges of 10-150 in-oz or 1-10 in-lbs (Must be preset on torque analyzer)	177.10 0.5 0.23	177.1 164.7 157.9

LINDSTROM Adjustable Torque Screwdriver



Excellent tool for flexible production. Stainless steel 4" Hex receiver for all standard drive bits. Easy-to-re window scale and an adjustment knob for precise se tings. Non-magnetic spring-loaded bit holder. Cam-ov torque limiting clutch. Lightweight yet rugged constr tion. Comfortable shape and non-slip grip. Permanen lubricated internal mechanism. Three models availabl covering a torque range of 10 to 450 Ncm, or 20 in. ozs. to 40 in. lbs. with an accuracy of +/- 6%.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 444305 1 EACH	Lindstrom MAL 500-3 1 Year	Adjustable Torque Screwdriver.Cam-over torque limiting. 1/4" hex driver. 5-40 in lbs.ozs.	251.95 2.5 1.14	219.1 196.7 186.6
NEW 461307 1 EACH	Lindstrom MAL 500-1 1 Year	Adjustable Torque Screwdriver. Cam-over torque limiting. 1/4" hex driver. 20-100 in ozs.	223.95 1 0.45	194.5 174.5 165.5
NEW 474326 1 EACH	Lindstrom MAL 500-2 1 Year	Adjustable Torque Screwdriver.Cam-over torque limiting. 1/4" hex driver. 3-15 in lbs.	223.95 2 0.91	194.5 174.5 165.5

NEW = New Listing. Pricing for reference o
See TESSCO.com for latest pricing and produ
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NDSTROM Preset Torque Screwdriver

Rugged and precise driver for multiple production uses. Stainless steel 1/4" Hex receiver for all standard drive bits. Non-magnetic spring-loaded bit holder. Precise 1/8" Hex adjustment screw makes setting torque easy. Hex key included with each driver. Cam-over torque limiting clutch. Lightweight yet rugged construction. Comfortable shape and non-slip grip. Permanently lubri-ed internal mechanism. Four models available covering a torque range of 4 to 450 Ncm or 6 ozs to 40 in. lbs.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 2302 ACH	Lindstrom PS501-1 1 Year	Preset Torque Driver. ESD safe. 1/4" F Hex; Cam-over torque limiting; 20-100 in oz	125.95 1 0.45	109.57 98.36 93.33
EW 0343 ACH	Lindstrom PS501-2 1 Year	Preset Torque Driver. ESD safe. 1/4" F Hex. 3-15 in lbs	153.95 2 0.91	133.93 120.23 114.07
EW 0305 ACH	Lindstrom PS501-3 1 Year	Preset Torque Driver. ESD safe. 1/4" F Hex; 5-40 in lb	153.95 2 0.91	133.93 120.23 114.07

NDSTROM Torque Field Service Kit

A tailor made service case for mobile users within the electronics field. Ideal for field service work, the TSK505 contains a comprehensive selection of bits in a practical box for use with Lindstrom's Torque Screwdrivers. Within the case, a compartment provides space for one of the 7 Lindstrom Torque Screwdrivers (see above). This makes it flexibel for the user to design the kit for his unique needs. Torque Screwdriver must be ordered separately.

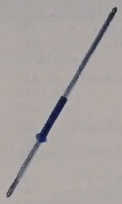
No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 303 CH	Lindstrom TSK505 1 Year	Kit: 1/4" exten; mag & non-magnetic bit holder; 1/4" Male to Sq Male; Slotted; Phillips; PoziDriv; Torx; Hex bits. Case (Driver not included).	189.00 2.5 1.14	164.43 147.61 140.05

HA TorqueAvrio Adjust Torque Handle

WIHA TorqueVario Cushion Grip Adjustable Torque Control Handle. You set the 10 to 50 inch lbs, With Adjustment Tool and insert a blade. It's that easy.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 388 CH	Wiha Tools 28510 Lifetime	WIHA TorqueVario Cushion Grip Adjustable Torque Control Handle 10 to 50 inch lbs, With Adjustment Tool	112.00 0.52 0.24	87.45 84.87 82.63

WIHA TorqueAvrio Torque Blades



WIHA TorqueVario Insert Blades for TorqueVario Torque Screwdrivers. Machined from fine tool steel. Germany

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 430378 1 EACH	Wiha Tools 28507 Lifetime	WIHA TorqueFix Driver 10 in-lbs. Preset Handle	80.00 0.28 0.13	62.47 60.63 59.03
NEW 440358 1 EACH	Wiha Tools 28536 Lifetime	WIHA TorqueFix Blade, SLOTTED Blade 2.5mm	4.20 0.07 0.03	3.28 3.19 3.10
NEW 439351 1 EACH	Wiha Tools 28515 Lifetime	WIHA TorqueFix Driver 25 in-lbs. Preset Handle	80.00 0.28 0.13	62.47 60.63 59.03
NEW 474396 1 EACH	Wiha Tools 28538 Lifetime	WIHA TorqueFix Blade, SLOTTED Blade 3.5mm	4.20 0.07 0.03	3.28 3.19 3.10
NEW 451399 1 EACH	Wiha Tools 28537 Lifetime	WIHA TorqueFix Blade, SLOTTED Blade 3mm	4.20 0.07 0.03	3.28 3.19 3.10
NEW 491374 1 EACH	Wiha Tools 28539 Lifetime	WIHA TorqueFix Blade, Slotted Blade 4.0mm	4.20 0.07 0.03	3.28 3.19 3.10
NEW 458345 1 EACH	Wiha Tools 28576 Lifetime	WIHA TorqueFix Blade for Handle, Torx Plus IP10	4.20 0.07 0.03	3.28 3.19 3.10
NEW 498381 1 EACH	Wiha Tools 28577 Lifetime	WIHA TorqueFix Blade for Handle, Torx Plus IP15	4.20 0.07 0.03	3.28 3.19 3.10
NEW 459390 1 EACH	Wiha Tools 28578 Lifetime	WIHA TorqueFix Blade for Handle, Torx Plus IP20	4.20 0.07 0.03	3.28 3.19 3.10
NEW 424332 1 EACH	Wiha Tools 28579 Lifetime	WIHA TorqueFix Blade for Handle, Torx Plus IP25	4.20 0.07 0.03	3.28 3.19 3.10
NEW 459395 1 EACH	Wiha Tools 28571 Lifetime	WIHA TorqueFix Blade for Handle, Torx Plus IP5	4.20 0.07 0.03	3.28 3.19 3.10
NEW 423308 1 EACH	Wiha Tools 28572 Lifetime	WIHA TorqueFix Blade for Handle, Torx Plus IP6	4.20 0.07 0.03	3.28 3.19 3.10
NEW 465371 1 EACH	Wiha Tools 78573 Lifetime	WIHA TorqueFix Blade for Handle, Torx Plus IP7	4.20 0.07 0.03	3.28 3.19 3.10
NEW 435399 1 EACH	Wiha Tools 28574 Lifetime	WIHA TorqueFix Blade for Handle, Torx Plus IP8	4.20 0.07 0.03	3.28 3.19 3.10
NEW 481392 1 EACH	Wiha Tools 28575 Lifetime	WIHA TorqueFix Blade for Handle, Torx Plus IP9	4.20 0.07 0.03	3.28 3.19 3.10
NEW 450384 1 EACH	Wiha Tools 28542 Lifetime	WIHA TorqueFix Blade, Phillips Blade #0	4.20 0.07 0.03	3.28 3.19 3.10
NEW 491368 1 EACH	Wiha Tools 28541 Lifetime	WIHA TorqueFix Blade, Phillips Blade #00	4.20 0.07 0.03	3.28 3.19 3.10
NEW 428376 1 EACH	Wiha Tools 28540 Lifetime	WIHA TorqueFix Blade, Phillips Blade #000	4.20 0.07 0.03	3.28 3.19 3.10
NEW 484343 1 EACH	Wiha Tools 28543 Lifetime	WIHA TorqueFix Blade, Phillips Blade #1	4.20 0.07 0.03	3.28 3.19 3.10
NEW 414375 1 EACH	Wiha Tools 28535 Lifetime	WIHA TorqueFix Blade, SLOTTED Blade 2.0mm	4.20 0.07 0.03	3.28 3.19 3.10
NEW 460394 1 EACH	Wiha Tools 28566 Lifetime	WIHA TorqueFix Blade for Torque Handle, Torx T10	4.20 0.07 0.03	3.28 3.19 3.10
NEW 420375 1 EACH	Wiha Tools 28567 Lifetime	WIHA TorqueFix Blade for Torque Handle, Torx T15	4.20 0.07 0.03	3.28 3.19 3.10
NEW 468396 1 EACH	Wiha Tools 28568 Lifetime	WIHA TorqueFix Blade for Torque Handle, Torx T20	4.20 0.07 0.03	3.28 3.19 3.10

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Tools

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 413355 1 EACH	Wiha Tools 28569 Lifetime	WIHA TorqueFix Blade for Torque Handle, Torx T25	4.20 0.07 0.03	3.28 3.19 3.10
NEW 427395 1 EACH	Wiha Tools 28561 Lifetime	WIHA TorqueFix Blade for Torque Handle, Torx T5	4.20 0.07 0.03	3.28 3.19 3.10
NEW 441334 1 EACH	Wiha Tools 28562 Lifetime	WIHA TorqueFix Blade for Torque Handle, Torx T6	4.20 0.07 0.03	3.28 3.19 3.10
NEW 467380 1 EACH	Wiha Tools 28563 Lifetime	WIHA TorqueFix Blade for Torque Handle, Torx T7	4.20 0.07 0.03	3.28 3.19 3.10
NEW 464356 1 EACH	Wiha Tools 28564 Lifetime	WIHA TorqueFix Blade for Torque Handle, Torx T8	4.20 0.07 0.03	3.28 3.19 3.10
NEW 439360 1 EACH	Wiha Tools 28565 Lifetime	WIHA TorqueFix Blade for Torque Handle, Torx T9	4.20 0.07 0.03	3.28 3.19 3.10
NEW 462361 1 EACH	Wiha Tools 28581 Lifetime	WIHA TorqueFix Blade for Torque Handle, 1/4" Drive	7.00 0.09 0.04	5.46 5.30 5.16
NEW 467381 1 EACH	Wiha Tools 28582 Lifetime	WIHA TorqueFix Blade for Torque Handle, 1/4" Sq Dr	7.00 0.08 0.04	5.46 5.30 5.16
NEW 420376 1 EACH	Wiha Tools 28583 Lieftime	WIHA TorqueFix Blade for Micro Bits	7.00 0.08 0.04	5.46 5.30 5.16

WIHA TorqueFix Preset Torque Handle

Wiha Torque Control Tools. Your accurate economical solution to torque control solves precision fastening problems preset TorqueFix or adjustable TorqueVario 12 Preset tools with ergonomic cushion grips. Meet: ASME B107.14m, EN ISO 6789, BS EN 26789. Specifications Guaranteed For Torque Accuracy of +/- 6%.

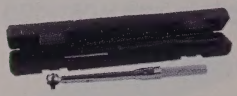
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 432391 1 EACH	Wiha Tools 28584 Lifetime	WIHA Replacement for TorqueVario Adjustment tool	6.00 0.17 0.08	4.67 4.54 4.42
NEW 488387 1 EACH	Wiha Tools 28509 Lifetime	WIHA TorqueFix Driver 12.5 in-lbs. Preset Handle	80.00 0.28 0.13	62.47 60.63 59.03
NEW 450389 1 EACH	Wiha Tools 28511 Lifetime	WIHA TorqueFix Driver 15 in-lbs. Preset Handle.	80.00 0.28 0.13	62.47 60.63 59.03
NEW 436397 1 EACH	Wiha Tools 28513 Lifetime	WIHA TorqueFix Driver 20 in-lbs. Preset Handle	80.00 0.28 0.13	62.47 60.63 59.03
NEW 474398 1 EACH	Wiha Tools 28517 Lifetime	WIHA TorqueFix Driver 30 in-lbs. Preset Handle	80.00 0.37 0.17	62.47 60.63 59.03
NEW 460369 1 EACH	Wiha Tools 28518 Lifetime	WIHA TorqueFix Driver 35 in-lbs. Preset Handle	90.00 0.37 0.17	70.28 68.21 66.41
NEW 483398 1 EACH	Wiha Tools 28519 Lifetime	WIHA TorqueFix Driver 40 in-lbs. Preset Handle	90.00 0.37 0.17	70.28 68.21 66.41
NEW 489397 1 EACH	Wiha Tools 28521 Lifetime	WIHA TorqueFix Driver 50 in-lbs. Preset Handle	90.00 0.52 0.24	70.28 68.21 66.41
NEW 464394 1 EACH	Wiha Tools 28523 Lifetime	WIHA TorqueFix Driver 60 in-lbs. Preset Handle	90.00 0.52 0.24	70.28 68.21 66.41
NEW 464366 1 EACH	Wiha Tools 28505 Lifetime	WIHA TorqueFix Driver 7.5 in-lbs.Preset Handle	70.00 0.16 0.07	54.66 53.05 51.65
NEW 421369 1 EACH	Wiha Tools 28525 Lifetime	WIHA TorqueFix Driver 70 in-lbs. Preset Handle	90.00 0.52 0.24	70.28 68.21 66.41

UTICA Ratcheting Click Torque Wrench

- Drive Sizes: 1/4ø through 3/4ø
- Audible øclickø and/or a few degrees of
- Patented, low friction torque control mechanism
- Accuracy is ± 4% of setting right hand (clockwise) and
- Two calibration adjustments (major and fine) permit easy and
- Dual scale models give readings in in.-lbs./Newton Meters or
- Patented spring-loaded locking collar locks scale or desired
- Heavy-duty, reversible ratchet models have quick-shift lever to
- Slim, lightweight design reduces fatigue and facilitates use in
- Store all adjustable models at their lowest torque setting.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 415355 1 EACH	Apex TCI-150RA 30 Days	Ratcheting Click Wrench 1/4" DR 30-150 in-lbs	187.00 0.9 0.41	187.0 173.9 166.8
NEW 417357 1 EACH	Apex TCI-750R 1/2 30 Days	Ratcheting Click Wrench 1/2" DR 150-750 in-lbs	217.80 3.4 1.55	217.8 202.5 194.2
NEW 424346 1 EACH	Apex TCI-250FRN 30 Days	Ratcheting Click Wrench 1/2" DR 50-250 ft-lbs	231.00 3 1.36	231.0 214.8 206.0
NEW 435384 1 EACH	Apex TCI-250R 30 Days	Ratcheting Click Wrench 3/8" DR 50-250 in-lbs	187.00 3.4 1.55	187.0 173.9 166.8
NEW 438387 1 EACH	Apex TCI-75FRN 30 Days	Ratcheting Click Wrench 3/8" DR 15-75 ft-lbs	192.50 3 1.36	192.5 179.0 171.7
NEW 461313 1 EACH	Apex TCI-150FRN 30 Days	Ratcheting Click Wrench 1/2" DR 30-150 ft-lbs	216.70 3 1.36	216.7 201.5 193.3
NEW 488358 1 EACH	Apex TCI-750R 30 Days	Ratcheting Click Wrench 3/8" DR 150-750 in-lbs	192.50 3.4 1.55	192.5 179.0 171.7
NEW 493363 1 EACH	Apex TCI-150RA 3/8 30 Days	Ratcheting Click Wrench 3/8" DR 30-150 in-lbs	187.00 0.9 0.41	187.0 173.9 166.8

Ratchet Head Torque Wrench- In-Lbs



Ratchet Head Torque wrench. Inch Pound ratings in in.lb. increments. Audible "click" when proper torque level is reached. Two calibration adjustments (major and fine) permit precise settings.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
26767 1 EACH	Utica TCI-250R 1 yr	Ratchet head 3/8" drive torque wrench. 50-250 In.Lbs. 12-1/2" overall length.	167.00 4 1.82	166.5 155.2 148.5

Ratchet Head Torque Wrench- Ft-Lbs

Ratchet Head Torque wrench. Foot Pound ratings in foot pound increments. Audible "click" when proper torque level is reached. Micrometer locking ring maintains setting during operation. Chrome finish.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
15300 1 EACH	K-D Tools 2951 1 yr	Ratchet head 3/8" drive torque wrench. 10-100 ft./lbs. in .5ft./lbs. increments. (16.9-138.9 Nm / .7 Nm increments)	183.45 3.35 1.52	126.9 121.0 116.3

NEW = New Listing. Pricing for reference o
See TESSCO.com for latest pricing and produ

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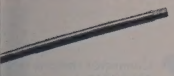
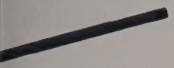
ICA Miniature Screwdriver Phillip Bits



Minature Phillips Bits are precision machined for electronics and are designed to reduce cam-out. USA

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 337 CH	Apex TW10D 30 Days	# 0 Phillips bit (TT-1 OR TT-SN-1)	5.35 0.01 0	5.34 4.97 4.77
W 358 CH	Apex TW11D 30 Days	# 1 Phillips bit (TT-1 OR TT-SN-1)	5.25 0.01 0	5.22 4.86 4.66

ICA Miniature Screwdriver Slotted Bits



APEX Minature Slotted Bits are precision machined for electronics and are designed to reduce cam-out. USA

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 365 CH	Apex TW3D 30 Days	.080" X .008" Slotted Bit (TT-1 OR TT-SN-1)	3.30 0.01 0	3.30 3.07 2.95
W 397 CH	Apex TW4D 30 Days	.100" X .010" Slotted Bit (TT-1 OR TT-SN-1)	3.30 0.01 0	3.30 3.07 2.95
W 386 CH	Apex TW2D 30 Days	.070" X .006" Slotted Bit (TT-1 OR TT-SN-1)	3.30 0.01 0	3.30 3.07 2.95
W 311 CH	Apex TW0 30 Days	.040" X .004" Slotted Bit (TT-1 OR TT-SN-1)	3.30 0.01 0	3.30 3.07 2.95
W 391 CH	Apex TW1D 30 Days	.055" X .006" Slotted Bit (TT-1 OR TT-SN-1)	3.30 0.01 0	3.30 3.07 2.95

ICA Miniature Screwdriver Hex Bits

APEX Minature Hex Key Bits are precision machined for electronics and are designed to reduce cam-out. USA

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 71 CH	Apex TW15D 30 Days	1/16" Hex Key (TT-1 OR TT-SN-1)	8.00 0.01 0	7.98 7.43 7.12
W 84 CH	Apex TW12D 30 Days	.028" Hex Key (TT-1 OR TT-SN-1)	7.85 0.01 0	7.82 7.28 6.98
W 84 CH	Apex TW13D 30 Days	.035" Hex Key (TT-1 OR TT-SN-1)	8.00 0.01 0	7.98 7.43 7.12
W 63 CH	Apex TW14D 30 Days	.050" Hex Key (TT-1 OR TT-SN-1)	8.00 0.01 0	7.98 7.43 7.12
W 46 CH	Apex TW16D 30 Days	5/64" Hex Key (TT-1 OR TT-SN-1)	8.00 0.01 0	7.98 7.43 7.12

CA Miniature HEX Socket Drivers

APEX Minature Hex Socket Bits are precision machined for electronics and are designed to reduce cam-out. USA

ing product table (1 of 2)

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
V 20 CH	Apex TW5D 30 Days	5/64" Hex Socket (TT-1 OR TT-SN-1)	6.40 0.01 0	6.38 5.94 5.70
V 82 CH	Apex TW9 30 Days	5/32" Hex Socket (TT-1 OR TT-SN-1)	6.40 0.01 0	6.38 5.94 5.70
V 05 CH	Apex TW6D 30 Days	3/32" Hex Socket (TT-1 OR TT-SN-1)	6.40 0.01 0	6.38 5.94 5.70

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 455366 1 EACH	Apex TW8D 30 Days	1/8" Hex Socket (TT-1 OR TT-SN-1)	6.40 0.01 0	6.38 5.94 5.70
NEW 492349 1 EACH	Apex TW7D 30 Days	7/64" Hex Socket (TT-1 OR TT-SN-1)	6.40 0.01 0	6.38 5.94 5.70

APEX Slotted Insert Bit

APEX Slotted Torque Insert Bits are made made from forged moly-chrome tool steel and machined to produce a precision tool-end. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 410361 1 EACH	Apex 445-0X 30 Days	1/4" Hex Insert Bit 1" O.A.L. X 3F-4R SLOT	1.45 0.01 0	1.44 1.34 1.29
NEW 415319 1 EACH	Apex 445-30X 30 Days	1/4" Hex Insert Bit 1" O.A.L. X 6F-7R SLOT	1.45 0.01 0	1.44 1.34 1.29
NEW 440343 1 EACH	Apex 445-10X 30 Days	1/4" Hex Insert Bit 1" O.A.L. X 4F-5R SLOT	1.45 0.01 0	1.44 1.34 1.29
NEW 484389 1 EACH	Apex 445-00X 30 Days	1/4" Hex Insert Bit 1" O.A.L. X 2F-3R SLOT	1.45 0.01 0	1.44 1.34 1.29
NEW 488308 1 EACH	Apex 445-20X 30 Days	1/4" Hex Insert Bit 1" O.A.L. X 5F-6R SLOT	1.45 0.01 0	1.44 1.34 1.29

APEX Phillips Insert Bit

APEX PHILLIPS Torque Insert Bits are made made from forged moly-chrome tool steel and machined to produce a precision tool-end. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 456366 1 EACH	Apex 446-0X 30 Days	APEX 1/4" Hex insert bit. 1" O.A.L. X #0 Phillips bit	0.90 0.01 0	0.90 0.84 0.81
NEW 498357 1 EACH	Apex 446-1X 30 Days	1/4" Hex insert bit. 1" O.A.L. X #1 Phillips bit	0.70 0.01 0	0.68 0.64 0.61
NEW 474302 1 EACH	Apex 446-2X 30 Days	1/4" Hex insert bit. 1" O.A.L. X #2 Phillips bit	0.70 0.01 0	0.68 0.64 0.61
NEW 423352 1 EACH	Apex 440-3X 30 Days	1/4" Hex Insert Bit 1" O.A.L. X #3 Phillips bit	0.65 0.01 0	0.64 0.60 0.58

APEX Hex (Allen) Insert Bit

APEX HEX (Allen) Torque Insert Bits are made made from forged moly-chrome tool steel and machined to produce a precision tool-end. USA

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 426378 1 EACH	Apex 185-00X 30 Days	Hex (Allen) Insert Bit1" O.A.L. X .1/16" Hex (Allen)	2.40 0.01 0	2.38 2.22 2.13
NEW 438347 1 EACH	Apex 185-3X 30 Days	Hex (Allen) Insert Bit. 1" O.A.L. X 5/32" Hex (Allen)	2.30 0.01 0	2.28 2.12 2.04
NEW 444365 1 EACH	Apex 185-2X 30 Days	Hex (Allen) Insert Bit. 1" O.A.L. X 1/8" Hex (Allen)	2.30 0.01 0	2.28 2.12 2.04
NEW 446304 1 EACH	Apex 185-10X 30 Days	Hex (Allen) Insert Bit.1" O.A.L. X 9/64" Hex (Allen)	2.40 0.01 0	2.38 2.22 2.13

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 448320 1 EACH	Apex 185-000X 30 Days	Hex (Allen) Insert Bit. 1" O.A.L. X .050 Hex (Allen)	8.35 0.01 0	8.34 7.76 7.44
NEW 457376 1 EACH	Apex 185-0X 30 Days	Hex (Allen) Insert Bit. 1" O.A.L. X 5/64" Hex (Allen)	2.40 0.01 0	2.38 2.22 2.13
NEW 463354 1 EACH	Apex 185-1X 30 Days	Hex (Allen) Insert Bit. 1" O.A.L. X 3/32" Hex (Allen)	2.40 0.01 0	2.38 2.22 2.13

APEX 1/4" Torque Bit Adapters

APEX Torque Insert Bit Adapters are made made from forged moly-chrome tool steel and machined to produce a precision tool-end. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 472306 1 EACH	Apex 44-71-B 30 Days	Adapter 1/4" Male Hex 1/4" Male Square	8.85 0.01 0	8.84 8.23 7.89
NEW 498373 1 EACH	Apex 825 30 Days	Bit Holder 1/4" Female Square Drive 1/4" Female Hex	6.20 0.01 0	6.20 5.77 5.53

APEX Torque Drive Socket

APEX Torque Sockets are made made from forged moly-chrome tool steel and machined to produce a precision tool-end. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 417361 1 EACH	Apex 6MM11 30 Days	Socket 1/4" Female Square DriveX 6MM Female Hex	5.05 0.03 0.01	5.02 4.67 4.48
NEW 426396 1 EACH	Apex 8MM11 30 Days	Socket 1/4" Female Square DriveX 8MM Female Hex	5.15 0.04 0.02	5.12 4.77 4.57
NEW 432384 1 EACH	Apex 1112 30 Days	Socket 1/4" Female Square Drive X 3/8 Female Hex	5.15 0.03 0.01	5.12 4.77 4.57
NEW 456352 1 EACH	Apex 1114 30 Days	Socket 1/4" Female Square DriveX 7/16 Female Hex	5.20 0.04 0.02	5.18 4.82 4.63
NEW 460314 1 EACH	Apex 7MM11 30 Days	Socket 1/4" Female Square DriveX 7MM Female Hex	5.10 0.03 0.01	5.08 4.73 4.54
NEW 463309 1 EACH	Apex 10MM11 30 Days	Socket 1/4" Female Square DriveX 10MM Female Hex	5.40 0.04 0.02	5.40 5.03 4.82
NEW 483355 1 EACH	Apex 1110 30 Days	Socket 1/4" Female Square Drive X 5/16 Female Hex	5.10 0.03 0.01	5.08 4.73 4.54
NEW 490398 1 EACH	Apex 1108 30 Days	Socket, 1/4 X 1/4" Female Square Drive	5.05 0.03 0.01	5.02 4.67 4.48

Insertion/Extraction Tools [580-72]

BNC Removal Tool

94890 81676

Connector removal tool for BNC/TNC connectors. Use when many connectors are in tight location or where they are difficult to turn.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
94890 1 EACH	Ideal Industries 35-041 1 yr	8" long BNC remover	23.55 0.33 0.15	21.09 19.60 19.09
81676 1 EACH	Ideal Industries 35-042 1 yr	12" long BNC remover	23.55 0.33 0.15	21.09 19.60 19.09

Nylon Connector Pin Extractors

49655

For easy removal of male and female pins from nylon connectors. The tool is spring loaded and allows automatic collapse the locking flanges before pushing the pin from the connector housing. Two stage action prevents damage to the pin or housing.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
24476 1 EACH	GC/Waldom 12-650 30 days	Pin Extractor for .062" pins.	14.25 0.2 0.09	13.29 12.39 12.09
49655 1 EACH	GC/Waldom 12-653 30 days	Pin extractor for .093" pins.	14.25 0.2 0.09	13.29 12.39 12.09

D Sub Pin Insertion/Extraction Tool

88484

Insertion, Extraction tool for D Subminiature connectors. Works onboth male and female pins of D-Sub computer connectors such as DB25, DB9 and all others. Tool has metal tip and plastic handle.

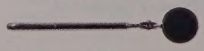
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
88484 1 EACH	Wireless Solutions 655 30 days	D-SUB pin inserter/extractor	4.50 0.05 0.02	3.47 3.37 3.06

Telescoping Magnetic Pickup Tools

12346 50739

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
12346 1 EACH	K-D Tools 2281 90 Days	Pickup tool extends from 16-3/4" to 26-3/4".	11.80 0.23 0.1	11.49 11.39 11.29
50739 1 EACH	K-D Tools 2593 90 Days	Pickup tool extends from 7" to 18".	6.40 0.23 0.1	6.29 6.19 6.19

Inspection Mirror



95005

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
95005 1 EACH	K-D Tools 2840 90 Days	Concave telescoping inspection mirror. 6 3/8" long with mirror on swivel.	8.80 0.23 0.1	8.59 8.49 8.39

NEW = New Listing. Pricing for reference o
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ental Probes and Picks

5431

rt No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 5431 EACH	GC/Waldom 12-2270 30 Days	Dental Probe Kit. 3 5-1/2 probes, (straight, hooked, curved) stainless steel. Hex handle for sure grip.	8.80 1 0.45	8.20 7.63 7.47

IHA Proturn Pocket Chip Lifter

WIHA Proturn Pocket Chip Lifter With Black Blade, 145mm OAL

9330

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 9330 ACH	Wiha Tools 96800 Lifetime	WIHA Proturn Pocket Chip Lifter With Black Blade,	4.00 0.07 0.03	3.11 3.02 2.94

NARD Pin Extractor

A plunger style pin extractor for pushing pins out from behind the connector blocks for contact sizes 16-20.

444344

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 344 ACH	Jonard Industries Corp R-5926 1 Year	JONARD plunger style pin extractor for contact sizes 16-20.	11.95 0.04 0.02	10.40 9.49 8.94

P/IC PROM Extractors

This is a one-piece insulated spring steel extractor to extract LSI, MSI and SSI devices from 8 to 24 pins. Will remove all types of DIP/IC's without bending pins. 4" long.

430353

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 353 CH	Jonard Industries Corp S-340 1 Year	One-piece insulated spring steel extractor to extract LSI, MSI and SSI devices from 8 to 24 pins. 4" long.	12.25 0.05 0.02	10.66 9.73 9.14
'29 CH	GC/Waldom 12-4614 30 days	DIP/IC PROM Extractor, UNISULATED, for 8 to 24 Pins	3.60 0.05 0.02	3.32 3.09 3.03

JONARD 3pc Contact Extraction Kit

469314

These tools service virtually all connectors conforming to Mil-C-26482, Mil-C-26500 with front release contacts made by such manufactures as Amp, Amphenol, Bendix, Burndy, Cannon, Cinch, Continental, Elco, Flight, Pyle National and Deutsch. These tools contain strong, durable, stainless steel probes & color coded handles. The KR-260extraction kit includes the three most popular color coded sized extraction tools for contact sizes 12 (Yellow), 16 (Blue), and 20 (Red). 6" Long. Packaged in an attractive and durable leather padded zipper case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 469314 1 EACH	Jonard Industries Corp KR-260 1 Year	Extraction kit includes color coded sized extraction tools for contact sizes 12 (Yellow), 16 (Blue), and 20 (Red). 6" Long; Padded zipper case.	181.50 0.6 0.27	157.91 144.12 135.40

JONARD 3pc Contact Insertion Kit

431397

These tools service virtually all connectors conforming to Mil-C-26482, Mil-C-26500 with front release contacts made by such manufactures as Amp, Amphenol, Bendix, Burndy, Cannon, Cinch, Continental, Elco, Flight, Pyle National and Deutsch. These tools contain strong, durable, stainless steel probes & color coded handles. The KA-260 Insertion kit includes the three most popular color coded sized insertion tools for contact sizes 12 (Yellow), 16 (Blue), and 20 (Red). 5" Long.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 431397 1 EACH	Jonard Industries Corp KA-260 1 Year	The Insertion kit includes insertion tools for contact sizes 12 (Yellow), 16 (Blue), and 20 (Red). 5" Long.	165.70 0.42 0.19	144.16 131.57 123.62

Screwdrivers, Precision [580-73]

WIRELESS SOLUTIONS Torque Adpt Set, 35p

Precision 1/4" Drive Miniature Inch Torque Adapter Set, 35 pc. Each set contains one 1/4" drive power adapter, one insert bit adapter and 33 low-glare, black oxide, matte finish blades. .025, .040, .055, .070, .080, & .100" slotted, #000, #00, #0, #1 Phillips; T-3, T-4, T-5, T-6, T-8, T-10, TP-8, TP-10 Torx; 5/64, 3/32, 7/64, 1/8, 5/32" Nut Drivers; #000, #00, #0, #1 JIS-Type S; .028, .035, .050, .062, .078, .093" Hex

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length Type of Blade	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 458306 1 EACH	Wireless Solutions 58-0277 Lifetime	1/4" Drive Miniature Metric Torque Adapter Set, 35 pc.	71.25 0.21 0.1	61.99 56.58 50.88
NEW 477328 1 EACH	Wireless Solutions 58-0279 Lifetime	1/4" Drive Miniature Inch Torque Adapter Set, 35 pc. USA	71.25 0.21 0.1	61.99 56.58 50.88

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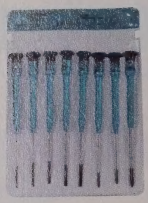
Tools

WIRELESS SOLUTIONS Dual Handle Kit, 31p

Dual Handle Tool Roll, 31 piece. Drivers have knurled steel handles with low-glare, black oxide, matte finish blades. Set contains 1 ball-end handle, 1 Acu-Min Swivel-top steel handle, 1 POLLICIS ESD Handle, a 3" extension handle and 27 interchangeable tool ends. .055, .070, .080, & .100" slotted, #0, #1 Phillips; T-5, T-6, T-8, T-10, TP-8, TP-10 Torx; 7/64, 1/8, 5/32" Nut Driver; 7/64, 1/8, 5/32, 3/16" Open End Wrench; .028, .035, .050, .062, .078, .093" Hex; #00 JIS-type S Blades; Awl. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length Type of Blade	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 412333 1 EACH	Wireless Solutions 59-0245 Lifetime	Tool Roll, 30 piece. Set contains ball-end handle, Swivel-top steel handle, 3" extension handle and 27 interchangeable tool ends. .055, .070, .080, & .100"; slotted, #0, #1 Phillips; T-5, T-6, T-10, TP-8, TP-10 Torx; 7/64, 1/8, 5/32" Nut Drivers; 7/64, 1/8, 5/32, 3/16" Open End Wrenches; .028, .035, .050, .062, .078, .093" Hex; #00 JIS-type S Blades; Awl	56.25 0.33 0.15	48.94 44.67 40.17
NEW 481313 1 EACH	Wireless Solutions 59-0247 Lifetime	Dual Handle Tool Roll, 31 piece. Drivers have knurled steel handles and 27 interchangeable tool ends.	59.50 0.33 0.15	51.77 47.25 42.49

WIRELESS SOLUTIONS Extend Reach Set, 8p



Pollicis Ergonomic Extended Reach Slotted/Phillips ESD Driver Set, 8 pieces. Drivers have ergonomic, anti-static plastic handles with low-glare, black oxide, matte finish blades to reduce cam-out damage. B;ades: .078, .093, .125, .141, .156" slotted, #00, #0, #1 Phillips. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length Type of Blade	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 474314 1 EACH	Wireless Solutions 58-0390 Lifetime	Slotted/Phillips ESD Driver Set, 8 pieces. Slotted: .078, .093, .125, .141, .156"; Phillips: #00, #0, #1	30.95 0.3 0.14	26.93 24.58 22.10

WIRELESS SOLUTIONS Mini Cross Drvrs, 4pc

TESSCO Precision Miniature Combination Cross Recess Driver Set, 4 pieces. Drivers have knurled steel handles 4 Piece Set

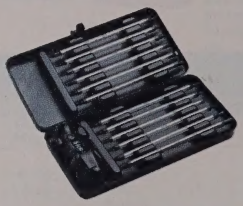
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length Type of Blade	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 481301 1 EACH	Wireless Solutions 58-0201 Lifetime	Precision Miniature Combination Cross Recess Driver Set, 4 pieces.#000, #00, #0, #1 Phillips. #000, #00, #0, #1 Phillips	17.75 0.18 0.08	15.45 14.10 12.68

WIRELESS SOLUTIONS Pin Vise Set, 4pc

Pin Vise Set, 4 piece. Each pin vise features a solid lock-ing, spring tempered, steel collet for exacting work. Deep knurling assures grip for delicate hand work. Vin Pouch. USA.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length Type of Blade	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 453300 1 EACH	Wireless Solutions 58-0196 Lifetime	Pin Vise Set, 4 piece. .000" to .055" (0 to 1.44mm); .025" to .075" (.64 to 1.9mm); .045" to .125" (1.2 to 3.2mm); & .110" to .187" (2.8 to 4.8mm).	49.95 0.21 0.1	43.46 39.66 35.67

Felo Smart Set Precision Screwdrivers



Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length Type of Blade	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 414322 1 EACH	BONDHUS 50630 Lifetime	Felo Smart Set is a Screwdriver & T-handle in one, replacing 48 single tools fitting the complete 1/4" range. T6-T7, T8-T9, T10-T15, T20-T25, T30-T40, 7/64-1/8" hex, 9/64-5/32" hex, 3/16-1/4" hex, 3mm-4mm hex, 5mm-6mm hex	89.90 2.51 1.14	78.22 71.39 67.07
NEW 444333 1 EACH	BONDHUS 50624 Lifetime	Felo "Smart Set: :" is a Screwdriver and T-handle in one, PH3-1/8" slotted, PH1-3/16" slotted, PH2-1/4" slotted, T6-T7, T8-T9, T10-T15, T20-T25, T30-T40	74.50 1.1 0.5	64.82 59.16 55.58

Jeweler's Screwdriver Set

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length Type of Blade	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
46234 1 EACH	GC/Waldom 12-064 90 Days	6 pc mini Phillips screwdriver kit. Phillips screwdrivers: 1.6mm, 2.0mm. 2.4mm 3.0mm 3.5mm,and 4.0mm.	4.90 0.32 0.15	4.55 4.26 4.15
14150 1 EACH	GC/Waldom 12-043 90 Days	GC jeweler's screwdrivers. Set of 6 miniature precision quality drivers: (4) slotted and (2) philips tips.	4.30 0.31 0.14	4.00 3.77 3.64

NEW = New Listing. Pricing for reference o
See TESSCO.com for latest pricing and produ

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CELITE Comfort Grip Precision

No. Uom	Manufacturer Mfg. P/N Warranty	Description Length Type of Blade	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
115 CH	Xcelite XP600 Lifetime	XCELITE precision screwdriver set includes slotted: 1.5x60mm, 2.0x60mm, 2.5x60mm, 3.0x60mm. Phillips: #00, #0 point. 60mm Slotted & Phillips	28.05 0.45 0.2	22.58 22.44 22.16
508 CH	Xcelite XPTX600 Lifetime	XCELITE precision torx driver set. Includes individual screwdrivers in T5, T6, and tamper proof sizes T7, T8, T10, T15 in plastic storage case Torx & Tamper Proof Torx	33.00 0.46 0.21	26.55 26.39 26.06

Precision Screwdriver Kits

Designed for maximum handling comfort when working with small screws. Handles have ball-end with guiding point for easy one handcontrol. Polished chrome shanks with precision engineered tips. Bright yellow, Made in Germany.

No. Uom	Manufacturer Mfg. P/N Warranty	Description Length Type of Blade	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
43 CH	Wiha Tools 26190 Lifetime	WIHA 7pc precision screwdriver set. Includes individual screwdrivers in slotted: 1.5x40mm, 2.0x50mm, 2.5x50mm, 3.0x60mm. Phillips: #00, #0, #1.	30.00 0.3 0.14	23.42 22.73 22.13
97 CH	Wiha Tools 27390 Lifetime	WIHA 7pc precision screwdriver set. ESD safe handles. Includes slotted: 1.5x40mm, 2.0x50mm, 2.5x50mm, 2.5x50mm Phillips: #00, #0, #1.	33.00 0.3 0.14	25.76 25.00 24.34
27 CH	GC/Waldom 12-6912 90 Days	GC precision screwdrivers. Set of 7 miniature precision drivers. Flatblades in 1.4mm, 2.0mm, 2.4mm, 3.0mm. Phillips sizes in 2.0mm,2.4mm,3.0mm.	11.35 0.32 0.15	10.57 9.83 9.62
59 CH	Ideal Industries 36-248 90 Days	IDEAL precision screwdriver set of 7 miniature precision drivers. Flatblades in 3/32, 1/8, 5/32 in both long & short and a #0 phillips tip. Black oxide tips.	46.65 2 0.91	41.79 38.86 37.83
09 CH	Xcelite XP700 Lifetime	XCELITE precision screwdriver set. Includes individual screwdrivers in slotted: 1.5x50mm, 2.0x65mm, 2.5x75mm, 3.0x100mm. Phillips: #00, #0, #1 point.	33.00 0.3 0.14	26.55 26.39 26.06
95 CH	Xcelite XP400 Lifetime	XCELITE 4iece precision screwdriver set. Includes individual screwdrivers in slotted: 1.5x50mm, 2.5x75mm, 3.0x100mm. Phillips: #0 point.	18.30 1 0.45	14.74 14.64 14.46

WIHA TORX MicroBit Set

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length Type of Blade	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 473341 1 EACH	Wiha Tools 75792 Lifetime	WIHA WIHA ESD SAFE TORX MicroBit Set, 11 Pc Set in Storage Box with Handle, Extension, 9 Micro Torx Bits TORX	27.00 0.26 0.12	21.08 20.46 19.92

Precision Hex Kit Inch & Metric

WIHA German made precision drivers feature high alloy chrome-vanadium molybdenum steel. Rotating cap for precise turning control with your finger tip. High quality plastic tapered handles and precision ground tips. Overall driver lengths betbetween 4.7"-6.7" (40-60mm).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length Type of Blade	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
71576 1 EACH	Wiha Tools 95392 Lifetime	6pc precision Metric Hexdriver set. Includes 1.3, 1.5, 2.0, 2.5, 3.0, 4.0mm hex drivers. Red handles.	15.00 0.3 0.14	11.70 11.36 11.06
18788 1 EACH	Wiha Tools 26391 Lifetime	8pc Inch Driver set. Includes: .028" x 1.6", .035" x 1.6", .050" x 1.6", 1/16" x 2" 5/64" x 2", 3/32" x 2.4", 7/64" x 2.4", 1/8" x 2.4".	33.20 0.31 0.14	25.93 25.17 24.51
70395 1 EACH	Wiha Tools 26390 Lifetime	7pc precision hex driver set. Includes individual hex drivers in .71 x 40mm, .89x40mm, 1.3x40mm, 1.5x40mm 2.0x50mm, 2.5x60mm, 3.0x60mm.	29.70 0.27 0.12	23.20 22.52 21.92

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WIRELESS SOLUTIONS Precision Set, 55 pc

Precision Miniature Tool Set, 55 pieces. Drivers have knurled steel handles with low-glare, black oxide, matte finish blades to reduce cam-out damage. Set contains 27 interchangeable tool ends assembled into handles, 27 extra tool ends, and 1 extension. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length Type of Blade	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 428335 1 EACH	Wireless Solutions 58-0152 Lifetime	Precision Miniature Tool Set, 55 pieces; contains 27 interchangeable tool ends, 27 extra tool ends, and 1 extension. .025, .040, .055, .070, .080, & .100" Sizes; slotted, #0, #1 Phillips; .028, .035, .050, .062, .078, .093 Hex; 5/64, 3/32, 7/64, 1/8, 5/32" Nut Drivers; 5/64, 3/32, 7/64, 1/8, 5/32, 3/16, 1/4, 5/16 Open End Wrench	135.50 1.41 0.64	117.89 107.59 96.75

WIRELESS SOLUTIONS Mini-Slotted Set, 6pc

Precision Miniature Slotted Screwdriver 6 Piece Set. Drivers have knurled steel handles with low-glare, black oxide, matte finish blades to reduce cam-out damage. Pouch. USA.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length Type of Blade	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 430315 1 EACH	Wireless Solutions 58-0116 Lifetime	Precision Miniature Slotted Screwdriver 6 Piece Set. Slotted .025, .040, .055, .070, .080, & .100"	17.75 0.26 0.12	15.45 14.10 12.68

Precision Fix Blade Tool Set, 28 pc

Precision Miniature Tool Set, 28 pieces. Drivers have knurled steel handles with low-glare, black oxide, matte finish blades to reduce cam-out damage. Set contains 27 interchangeable tool ends assembled into handles and 1 extension.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length Type of Blade	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 449301 1 EACH	Wireless Solutions 58-0153 Lifetime	Precision Miniature Tool Set, 28 pieces; 27 tools assembled into handles and 1 extension. .025, .040, .055, .070, .080, & .100" slotted; #0, #1 Phillips; .028, .035, .050, .062, .078, .093 Hex; 5/64, 3/32, 7/64, 1/8, 5/32" Nut Drivers; 5/64, 3/32, 7/64, 1/8, 5/32, 3/16, 1/4, 5/16" Open End Wrenches	96.50 1.28 0.58	83.96 76.63 68.91

Precision Interchageable Blade Set, 28pc

Precision Miniature Single Handle Tool Set, 28 pieces Drivers have knurled steel handles with low-glare, bla oxide, matte finish blades to reduce cam-out damage Set contains 1 steel handle and 27 interchangeable to ends.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length Type of Blade	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 469326 1 EACH	Wireless Solutions 58-0154 Lifetime	Precision Miniature Single Handle Tool Set, 28 pieces contains 1 steel handle and 27 interchangeable blades. .025, .040, .055, .070, .080, & .100" slotted; #0, #1 Phillips; .028, .035, .050, .062, .078, .093" Hex; 5/64, 3/32, 7/64, 1/8, 5/32 Nut Drivers; 5/64, 3/32, 7/64, 1/8, 5/32, 3/16, 1/4, 5/16" Open End Wrenches	38.75 0.22 0.1	33.77 30.77 27.67

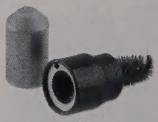
Precision Torx Driver Set, 6 pc

Pollicis Precision Ergonomic Miniature ESD Torx Dri Set, 6 pieces. Drivers have ergonomic, anti-static plas handles with low-glare, black oxide, matte finish blad to reduce cam-out damage.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Length Type of Blade	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
NEW 480317 1 EACH	Wireless Solutions 58-0348 Lifetime	Pollicis Precision Ergonomic Miniature ESD Torx Driver Set, 6 pcs. T-1, T-2, T-3, T-4, T-5, & T-6 Torx	32.25 0.43 0.2	28.0 25.6 23.0

Battery Tools [580-75]

Battery Terminal Brush



12511

Removes corrosion and dirt from battery terminals and cable clam Steel construction wire bristles.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
12511 1 EACH	K-D Tools 206 1 yr	Battery Terminal Brush	9.00 0.3 0.14	8.7 8.6 8.5

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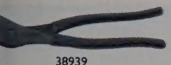
Battery Terminal Puller

25725

Use to remove battery terminal clamp without damage to the batterypost. Loosen clamp bolt, place jaws under the the cable clamp and easily lift off the clamp.

rt No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
5725 EACH	K-D Tools 202 1 yr	Battery Terminal Puller	18.25 1 0.45	17.67 17.58 17.40

Battery Nut Plier



38939

Easily loosen and tighten nuts on battery terminal clamps. Handlesare offset for work in cramped areas. Serrated jaws for sure grip.

rt No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
8939 ACH	K-D Tools 203 1 yr	Battery Nut Plier	17.50 1 0.45	16.95 16.86 16.69

Side Post Battery Wrench

53654

Easily loosen and tighten nuts on side post battery terminals. Ratchet design makes removing the battery leads a snap. Insulated handles prevent electrical shock.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
654 ACH	K-D Tools 3367 1 yr	5/16" ratcheting battery wrench	11.55 0.36 0.16	7.98 7.64 7.31

Punches and Chisels [580-76]

Hook, Pick & Sciber Tool Kit, 5pc

30541

457312

Precision Non-Magnetic Scriber/Pick Tool Set, 5 pieces for electronic applications includes four different hardened steel points for easy breaking of solder bridges and more.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
541 ACH	Pro.Fit International DM3022 30 days	Set includes: 90 degree hook tool and button hook tool.	6.95 0.1 0.05	6.68 6.54 6.47
EW 312 ACH	Wireless Solutions 58-0223 Lifetime	Precision Non-Magnetic Hook, Pick & Scriber Tool Set, 5 pieces. USA	6.55 0.11 0.05	5.70 5.21 4.68

Hook and Pick Set

91523

Five-piece set includes a 5" aluminum handle knurled for a sure grip. It also includes the fillowing heat-treated, high-carbon steel picks: O-ring, 90degree, straight, and hook. Use picks to pull O-rings, seals, cotter pins and brushes quickly and easily.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
523 CH	K-D Tools 3121 30 days	5 piece set includes 5" alum. handle plus 90-degree Bent Point, Hook Point, Straight Point Scriber & Angled Double Bend Point	12.00 0.05 0.02	11.63 11.57 11.45

Center Punch

48608

Combination center/riveting punch with adjustable impression. Includes a center, cup and flat point punches.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
48608 1 EACH	Grobet 47.802 1 yr	Automatic Center Punch. Adjustable for light, medium, or heavy impression.	30.00 0.18 0.08	30.00 27.75 27.00

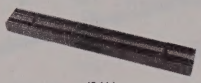
Combination Punch and Chisel Set

32495

Black Ox (tm) combination punch and chisel set. Includes 3/8x5 center punch, 3/16x3/8x5 solid punch, 3/16x5/16x5-1/2 pin punch, 3/8x5/16x5-1/2 cold chisel and 5/8x1/2x6-1/2 cold chisel. packagedin vinyl carry pouch.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
32495 1 EACH	Allen Tools 25676 Lifetime	5pc Punch/Chisel set	29.35 2 0.91	20.29 19.41 18.59

Magnetic Tool Holders



42466

Permanent magnets hols pliers, screwdrives, knives etc in place. Mounts to any surface with screws.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
42466 1 EACH	Grobet 13380 1 yr	12" magnetic tool holder	17.70 1 0.45	17.70 16.38 15.93
80859 1 EACH	Grobet 13381 1 yr	18" magnetic tool holder	22.95 1.65 0.75	22.95 21.23 20.66
29252 1 EACH	Grobet 13382 1 yr	24" magnetic tool holder	27.75 1.87 0.85	27.75 25.67 24.98

Round Blade Awl

17213

Square blade reeming awl. Blade is chrome vanadium molybdenum hardened nickle plated steel.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
17213 1 EACH	Wiha Tools 30101 1 yr	Round blade punch/awl. 7.5" 190mm overall length. 4" 100mm blade length. Hardwood handle allows blade to extend all the way through to a striking plate.	6.90 0.2 0.09	5.39 5.23 5.10

All-Steel Scratch Awl

51932

One-piece forged steel blade and husky handle for optimum strength. Well balanced for maximum efficiency during use. Black finish.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
51932 1 EACH	Klein Tools, Inc. 66385	7" steel scratch awl	13.75 0.35 0.16	7.78 7.06 6.87

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Brushes [580-78]

If you are buying these, you may need:

Tool Kits, Complete . . . . . page 1523

Cleaning Brushes

13489

Equipment cleaning brush with Nylon bristles on a lucite handle. 6.75" length, 1-3/4 x 1/2" brush

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
13489 1 EACH	Grobet 16.099 30 days	Cleaning Brush	1.95 0.05 0.02	1.95 1.81 1.76

Disposable Acid Brushes

36264

Disposable Acid brushes.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36264 4 PACK	GC/Waldom 10-251 30 days	Acid Brushes Brush is made up of medium fine horse hair.	1.70 0.2 0.09	1.58 1.47 1.44

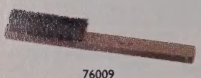
Dusting Brushes

51882

Dusting brush with camel hair bristles in a wooden handle. 4-1/4"overall length.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
51882 1 EACH	Grobet 16.060 30 days	Dusting Brush	2.95 0.08 0.04	2.92 2.71 2.63

Wire Brushes



76009

Wire Brushes for cleaning and scratching. .003" wire strands in wooden handle.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
24402 1 EACH	Grobet 16.310 30 days	Brass wire brush. Brush dim: 4-1/2 x 3/4". Overall length is8-1/4".	6.40 1 0.45	6.40 5.92 5.76
76009 1 EACH	Grobet 16.350 30 days	Steel wire brush. Brush dim: 4-1/2 x 3/4". Overall length is8-1/4".	8.00 0.31 0.14	8.00 7.40 7.20

Wire Wrap Tools [580-79]

JONARD Wire Wrap Guns

437365 466361 472349

Manual quick wrap guns ergonomically improved. Hand operated wrapping guns use interchangeable bits and sleeves. Tools can provide up to 10 revolutions per squeeze of the trigger and accamodate wire sizes from 22-32 AWG. The plastic gun offers the advantage of light weight, and the metal gun provides greater durability. The insulated metal gun has the added feature of 1000 volt dielectric strength protection. All three guns are used for production line and in field service use in the electronics and telecommunications industries.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 437365 1 EACH	Jonard Industries Corp WG-350 1 Year	Jonard Hand-Operated WireWrap Gun. 22-32 AWG wire. Metal	104.35 0.72 0.33	90.79 82.86 79.82
NEW 466361 1 EACH	Jonard Industries Corp WG-350INS 1 Year	Hand-Operated WireWrap Gun. 22-32 AWG wire. Insulated metal gun	112.30 0.73 0.33	97.71 89.17 86.07
NEW 472349 1 EACH	Jonard Industries Corp WG-350L 1 Year	JONARD Hand-Operated WireWrap Gun. 22-32 AWG wire. Plastic	81.40 0.55 0.25	70.82 64.64 60.73

O.K. Manual Unwrapping Tool

65274

The combination of the G100/R3394 unwrap tool and the SU bit and sleeve sets sive you the best tool for high speed wire unwrapping. High production, long life, low maintenance. Use Unwrap set SU2026 for wire AWG20 thru 26 (0.80mm thru 0.40mm) and set SU2832 for wire AWG 26 thru 32 (0.40mm 0.20mm).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 431381 1 EACH	O.K. Industries, Inc. G100/R3394CT 1yr	Manual wire unwrapping tool. Updated version.	155.00 0.75 0.34	148.18 141.83 136.09
NEW 427349 1 EACH	O.K. Industries, Inc. PUW2226 1yr	Bit and sleeve set for wire size 22-26 AWG, terminal diameter 0.070" or 1.77 mm.	55.00 0.5 0.23	52.58 50.33 48.29
65274 1 EACH	O.K. Industries, Inc. SU2026 1yr	Bit and sleeve set for wire size 22-26 AWG, terminal diameter 0.070" or 1.77 mm.	57.00 0.5 0.23	54.50 52.16 50.05

O.K. Manual Wrapping Tool

41344 79737 42665

The G100/R3278 and G200/R3278 tools are designed with a chuck nose piece to make use of the full line of bits and sleeves made for power tools. These tools accomadate wire sizes from 22AWG (0.65mm) thru 32AWG (0.20mm). These tools can provide a maximum of ten turns. Fewer wraps can be achieved by adjusting the "strip" length of the wire. BITS & SLEEVES SHOULD BE ORDERED SEPARATELY.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
41344 1 EACH	O.K. Industries, Inc. G200/R3278 1yr	Lexan Manual Wire Wrap tool.	110.00 0.59 0.27	105.16 100.65 96.58
79737 1 EACH	O.K. Industries, Inc. G100/R3278 1yr	Wrapping tool made from Aluminium.	145.00 3 1.36	138.67 132.64 127.31
29451 1 EACH	O.K. Industries, Inc. P2224 1yr	Sleeve for 22-24 AWG wrap bits	19.00 0.5 0.23	18.17 17.39 16.69
32925 1 EACH	O.K. Industries, Inc. P2426 1yr	Sleeve for 24-26 AWG wrap bits	19.00 0.25 0.11	18.17 17.39 16.69

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inuing product table (2 of 2)

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
2665 ACH	O.K. Industries, Inc. KB224 1yr	22-24 AWG wrap bit. Min/Max terminal diag: .054/.073 Use with P2224 sleeve.	45.00 0.3 0.14	43.02 41.18 39.51
2532 ACH	O.K. Industries, Inc. OK2426 1yr	24-26 AWG wrap bit. Min/Max terminal diag: .058/.073 Use with P2426 sleeve.	45.00 0.25 0.11	43.02 41.18 39.51

ortable Wrapping Tool

41171

COOPER TOOOL Wire Wrap Gun for telephone installers, electronic technicians, & servicemen. Squeeze the handle & a quality solderless wrap is made. One squeeze provides ten revolutions of the wrapping bit. Features strong, lightweight, plastic housing. This sturdy tool will withstand rough handling and require only a minimum maintenance over a long service life. ROTATION CLOCKWISE (right-hand). PRIMARY APPLICATION IS FOR WRAPPING. Can be used as an unwrapping tool for terminals that are unconventionally (left-hand/counter-clockwise)wrapped. Best suited for wire sizes 22-32 AWG (diameter 0.253" - 0.0079").

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
171 ACH	Wire Wrap 28000AC1 1 yr	Wrapping tool only. Order bit and sleeve assembly separately according to wire gauge and terminal diameter.	137.55 0.5 0.23	110.04 107.29 104.53

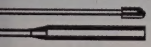
ttery Powered Wrap/Unwrap Tool

9382

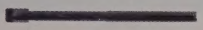
Cordless automatic wrapping & unwrapping tool. Features: (A) Self-Aligning Gearing System: A new drive train design that will reduce part breakage & repair bills. (B) Operator Adjustable Indexing: A simple adjustment of the outer knurled ring places the indexing position of the bit to suit individual preference. Both rechargeable and non-rechargeable batteries may be used. A built-in safety feature prevents the accidental recharging of non-rechargeable batteries. The R3 can make over 1100 connections with one charge. 3000RPM, 120V. For wire sizes 22-32 AWG.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
82 CH	Wire Wrap 27600AE6	Includes DC adapter and batterycharger.	437.20 4 1.82	349.73 340.99 332.25

apping Sleeves and Bits



79564



56662

The following bits and sleeves are to be used with the wrapping tools. Bits are to be chosen according to: (a) wire size, (b) terminal size and (c) type of wrap (standard or modified) needed. The sleeve shown below will work with the bits presented and other bits, but not all bits. Only a small sample of bits are shown. Other bits are available upon request.

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
64 CH	Wire Wrap 18840 1 yr	Sleeve for use with all Wire-Wrap brand wrapping tools. For 20-26 AWG wire.	23.80 0.1 0.05	19.04 18.57 18.09
62 CH	Wire Wrap 500131 1 yr	Wrap bit for 22-24 AWG wire. Terminal diagonal range (0.054"- 0.074"). Standard wrap. Use wrap-bit sleeve 18840.	49.95 0.1 0.05	39.96 38.96 37.96

JONARD Wire Wrap Bit

492354

Quik-Wrap Bit 5" Wire Gauge 26 Hole Dia. .075" Hole Depth .750"

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 463339 1 EACH	Jonard Industries Corp BW-26005 1 Year	JONARD Quik-Wrap Bit 5" Wire Gauge 26 Hole Dia. .075" Hole Depth .750"	52.10 0.03 0.01	45.33 41.37 39.07
NEW 469395 1 EACH	Jonard Industries Corp BW-2224 1 Year	JONARD Quik-Wrap Bit 3" Wire Gauge 22-24 Hole Dia. PID#996811378	28.15 0.02 0.01	24.50 22.36 21.00
NEW 488372 1 EACH	Jonard Industries Corp BW-24005 1 Year	JONARD Quik-Wrap Bit 5" Wire Gauge 24 Hole Dia. .075" Hole Depth .750"	52.10 0.03 0.01	45.33 41.37 39.07
NEW 492354 1 EACH	Jonard Industries Corp BW-2600 1 Year	JONARD Quik-Wrap Bit 3" Wire Gauge 26 Hole Dia. PID#400011334	35.85 0.02 0.01	31.19 28.47 26.75

JONARD Wire Wrap Sleeve

459319

486392

489312

Quik-Wrap Sleeves 5" Use w/ bit BW-24005 AND BW-26005

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 459319 1 EACH	Jonard Industries Corp SW-24265 1 Year	JONARD Quik-Wrap Sleeves 5" Wire Gauge 24-26 Use w/ bit BW-24005 AND BW-26005	22.90 0.04 0.02	19.93 18.19 17.19
NEW 486392 1 EACH	Jonard Industries Corp SW-2224 1 Year	JONARD Quik-Wrap Sleeve 3" Wire Gauge 22-24 use w/Bit BW-2224 PID#40089778 1	14.25 0.02 0.01	12.40 11.32 10.64
NEW 489312 1 EACH	Jonard Industries Corp SW-2426 1 Year	JONARD Quik-Wrap Sleeve 3" Wire Gauge 24-26 use w/Bit BW-2600 PID#40089779	14.25 0.02 0.01	12.40 11.32 10.64

JONARD DSL Wrap & Unwrap Tool

413369

JONARD DSL Wrap/Unwrap Tool for DSL Connections.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 413369 1 EACH	Jonard Industries Corp WDUD-26DS 1 Year	JONARD DSL Wrap/Unwrap Tool for DSL Connections.	58.15 0.13 0.06	50.60 46.18 43.38

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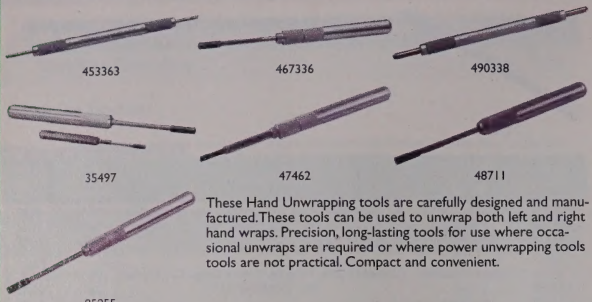
MANUAL Wire Wrap & Unwrap Tools



453363 467336 490338

35497 47462 48711

85855

These Hand Unwrapping tools are carefully designed and manufactured. These tools can be used to unwrap both left and right hand wraps. Precision, long-lasting tools for use where occasional unwraps are required or where power unwrapping tools tools are not practical. Compact and convenient.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 435361 1 EACH	Jonard Industries Corp WDUD-3000 1 Year	JONARD Wrap/Unwrap Tool. Wire Gauge 30	68.65 0.08 0.04	59.73 54.51 51.22
NEW 438376 1 EACH	Jonard Industries Corp WDUD-2600 1 Year	JONARD Wrap/Unwrap Tool. Wire Gauge 26	68.65 0.09 0.04	59.73 54.51 51.22
NEW 453363 1 EACH	Jonard Industries Corp UDLR-2432 1 Year	JONARD Unwrapping Tool 24-32 AWG WIRE w/ .040" Dia hole.	18.30 0.03 0.01	15.93 14.53 13.66
NEW 463310 1 EACH	Jonard Industries Corp WDUD-2000 1 Year	JONARD Wrap/Unwrap Tool. Wire Gauge 20,	58.15 0.09 0.04	50.60 46.18 43.38
NEW 467336 1 EACH	Jonard Industries Corp WDUD-2224 1 Year	JONARD Wrap/Unwrap Tool. Wire Gauge 22-24	58.15 0.09 0.04	50.60 46.18 43.38
NEW 490338 1 EACH	Jonard Industries Corp UDLR-2026 1 Year	JONARD Unwrapping Tool Use on 20-26 AWG WIRE w/ .070" Dia hole.	18.30 0.03 0.01	15.93 14.53 13.66
11036 1 EACH	O.K. Industries, Inc. WSU-2224 1 Year	Standard wrap. Wire Size: 22-24AWG, Terminal Hole Diameter 0.086", Terminal Hole Depth 1.000". With integrated wire stripper in handle.	45.00 0.2 0.09	43.02 41.18 39.51
35497 1 EACH	O.K. Industries, Inc. UWD120-120 1 yr	Left & right hand unwrap. Wire size 20-26 AWG, Terminal Hole Diameter 0.070", Terminal Hole Depth 1.000".	25.00 0.5 0.23	23.90 22.88 21.95
47462 1 EACH	O.K. Industries, Inc. HW-UW-224 1 yr	Wrap- Standard, wire 22-24 AWG, terminal hole dia 0.075", terminal hole depth 0.807". Unwrap- wire 20-26AWG, hole dia 0.070", hole depth 1.000".	80.00 0.1 0.05	76.48 73.20 70.24
48711 1 EACH	O.K. Industries, Inc. HW-224LH 1 yr	Standard wrap. Wire Size: 22-24AWG, Terminal Hole Diameter 0.086", Terminal Hole Depth 1.000".	60.00 0.5 0.23	57.36 54.90 52.68
85855 1 EACH	O.K. Industries, Inc. HW-UW-26 1 yr	Wrap- Standard, wire 26 AWG, terminal hole dia 0.075", terminal hole depth 1.000". Unwrap- wire 20-26AWG, hole dia 0.070", hole depth 1.000".	80.00 0.5 0.23	76.48 73.20 70.24

JONARD Wire Wrap Kit

467382

5 pc Wire Wrap Kit. Includes Insulated Aluminum Wire Wrap bit, Wrap Sleeve, Stripper, Wrap/Unwrap tool; Holster.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 467382 1 EACH	Jonard Industries Corp TK-WW5 1 Year	JONARD 5 pc Wire Wrap Kit. Includes 22-24 AWG Wrap bit, Wrap Sleeve 22-24 AWG, Stripper, Wrap/Unwrap tool; Leather Holster.	266.25 1.9 0.86	231.64 211.41 198.63

O.K. Wire Cut-and-Strip Tools

59832

Easy to operate...place wires in the stripping slot with the end between the cutting blades. Squeeze tool & pull...wire is cut and stripped to proper "wire wrapping" length. The plastic grips and soft rubber sleeve assure maximum handling comfort and slip fr gripping. Stripping blades are easily replaceable. The tool is nicke plated, rust resistant finish.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
59832 1 EACH	O.K. Industries, Inc. OK-3907-26 1yr	Tool includes blade for and blade suuport for 26AWG wire.	55.00 0.26 0.12	52.58 50.33 48.29

Wire for Wire-Wrap Applications

87955

KYNAR insulated, silver plated copper conductor 100 foot rolls.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
87955 1 EACH	O.K. Industries, Inc. R24W-0100 1yr	24 AWG, white color. 100' roll.	16.95 1 0.45	16.18 15.49 14.86
35099 1 EACH	O.K. Industries, Inc. R28W-0100 1yr	28 AWG, white color. 100' roll.	10.35 1 0.45	9.90 9.47 9.09
73492 1 EACH	O.K. Industries, Inc. R30W-0100 1yr	30 AWG, white color. 100' roll.	9.20 1 0.45	8.77 8.40 8.06

Special Application Tools [580-80]

If you are buying these, you may need:

Tool Cases without Tools . . . . . page 1531
Body Protection Gear . . . . . page 1632

Fender Cover

27"H x 36"W Red Fender Cover

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
15859 1 EACH	Wireless Solutions 5436 30 days	Fender cover is acid and grease resistant. Features a trough for tools. 27"Hx36"W. Professional mechanic's model.	19.80 2 0.91	19.1 19.0 18.8

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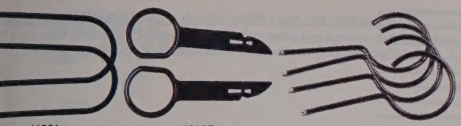
adio Removal Tool



46901 62187 80967

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
901 CH	Pro.Fit International DM1022 30 days	Ford DIN radio removal tool. 2 pieces.	24.40 0.08 0.04	23.43 22.94 22.70
187 CH	Pro.Fit International DM2022 30 days	Mercedes/Audi radio removal tool. 2 pieces.	6.95 1 0.45	6.68 6.54 6.47
967 CH	Wireless Solutions DINTOOL2 30 days	Ford DIN radio removal tool. 4 pc set.	15.50 0.3 0.14	12.40 12.25 12.09

ndow and Door Clip Tool

Removes and installs door handle and window crankclips. Prevents damage to door panel upholstery.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
90 CH	Wireless Solutions L18600 1 Year	Works on GM, Ford, and others using common "C" type clips.	6.90 0.5 0.23	4.90 4.83 4.77

tomotive Trim Removal Tool

Clip-Zip automotive trim removal tool. Removes fasteners from door panels, headliners, body trimmoldings without damaging the fastener.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
03 CH	Mega Enterprises Inc CZ326 1 Year	Clip Zip Tool	26.10 0.55 0.25	20.36 20.23 19.97

or Upholstery Remover

LISLE Door upholstery remover for plastic fastners. Rugged tool with large comfortable

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
33 CH	Wireless Solutions L35400 1 Year	For plastic fasteners. Rugged tool with large comfortable handles.	10.00 0.44 0.2	7.10 7.00 6.90

EAL Six-in-One Tapping Tool

This versatile tool forms new threads and cleans burred threads. Each reversible high carbon tap has clearly marked thread sizes. One side has 6-32, 8-32, and 10-32. The other side has 10-24, 12-24, and 1/4-24 threads.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
8 CH	Ideal Industries 35-413 1 yr	6-in-1 tapping tool.4" blade length, 7-1/2" overall.	18.80 1 0.45	16.83 15.65 15.24

Flexible Retrieving Tool

Retrieve small objects from hard-to-reach places.Push the button to open the claws and release to grab.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
92518 1 EACH	K-D Tools 2391 90 Days	23" long.	11.15 0.24 0.11	10.80 10.74 10.63

Shovels

418153 464151

- Ergonomic design for reduced fatigue
- Polypropylene outer jacket resists U.V. deterioration and protects user from splinters
- Resist industrial chemicals
- Easily cleaned of concrete, tar, etc
- 100% weather resistant

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 418153 1 EACH	Wireless Solutions 3MD51 30 days	Round point shovel, 8.5"x11.5" blade, 27" handle	81.00 4.7 2.14	58.32 56.70 55.08
464151 1 EACH	Wireless Solutions 3MD56 30 days	Square point shovel, 9"x12" blade,48" handle	54.10 4.64 2.11	38.96 37.87 36.79

Water Cooler

Igloo Portable Plastic Water Cooler, 5 gallon Capacity, 21 inch Height, 13 inch Diameter, 10-1/4 inch Top Opening

417186

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
417186 1 EACH	Wireless Solutions 3ZC46 30 days	5 gallon water cooler	56.80 7.6 3.45	40.90 39.76 38.63

Dash Trim Removal Tool

429247

This tool is great for removing trim bezels and air vents without damaging the vehicle's dash. Its made of a tough, acrylic plastic that easy to use. Slide between the bezel and dash to release retaining clips.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 429247 1 EACH	Pro.Fit International DM4022 30 days	Dash trim removal tool. Aids in the removal of trim bezel, radios and vents.	7.60 0.08 0.04	4.18 4.03 3.88

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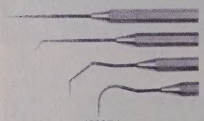
JONARD Force Gauge

436312

Jonard force gauges are all ergonomically designed and have become the industry standard for measuring force. Our 3 different lines of force gauges are used by a multitude

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 436312 1 EACH	Jonard Industries Corp GD-200 1 Year	JONARD Force Gauge 200-2000 range in grams. Grad.1 Gram.	299.85 0.89 0.4	262.38 262.38 262.38
NEW 451318 1 EACH	Jonard Industries Corp GD-10 1 Year	JONARD Force Gauge 10-100 range in grams. Grad.1 Gram.	144.75 0.3 0.14	125.94 123.07 123.07
NEW 460326 1 EACH	Jonard Industries Corp GD-25 1 Year	JONARD Force Gauge 30-250 range in grams. Grad.1 Gram.	144.75 0.3 0.14	125.94 123.07 123.07
NEW 497338 1 EACH	Jonard Industries Corp GD-3 1 Year	JONARD Force Gauge 4-35 range in grams. Grad.1 Gram.	144.75 0.3 0.14	125.94 123.07 123.07

WIRELESS SOLUTIONS 10mil. Probe Set

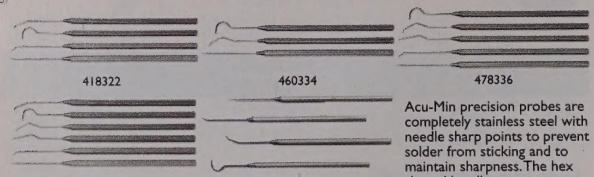


458374

WIRELESS SOLUTIONS Precision 10mil. Probe Set, 4 piece includes straight, single bend, hook and triple bend tips. Tube. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 458374 1 EACH	Wireless Solutions 55-1784 Lifetime	WIRELESS SOLUTIONS Precision 10mil. Probe Set, 4 piece includes straight, single bend, hook and triple bend tips. Tube. USA	37.45 0.13 0.06	32.58 29.73 26.74

WIRELESS SOLUTIONS 25mil. Probe Set



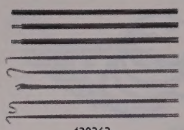
418322 460334 478336

487368 491354

Acu-Min precision probes are completely stainless steel with needle sharp points to prevent solder from sticking and to maintain sharpness. The hex shaped handles ensure sure grip and prevent rolling. Probes available individually and in sets packaged safely, in a clear plastic tube for your convenience.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 418322 1 EACH	Wireless Solutions 55-0289 Lifetime	WIRELESS SOLUTIONS Precision 25mil. Probe Set, 4 piece includes straight, single bend, short double bend and hook tips. Tube. USA.	10.00 0.13 0.06	8.70 7.94 7.14
NEW 460334 1 EACH	Wireless Solutions 55-0288 Lifetime	WIRELESS SOLUTIONS Precision 25mil. Probe Set, 3 piece includes straight, hook and triple bend tips. Tube. USA	7.50 0.09 0.04	6.53 5.96 5.36
NEW 478336 1 EACH	Wireless Solutions 55-0291 Lifetime	WIRELESS SOLUTIONS Precision 25mil. Probe Set, 5 piece includes straight, single bend, hook, long and short double bend tips. Tube. USA	12.50 0.16 0.07	10.88 9.93 8.93
NEW 487368 1 EACH	Wireless Solutions 55-0292 Lifetime	WIRELESS SOLUTIONS Precision 25mil. Probe Set, 6 piece includes straight, single bend, hook, long double bend, short double bend and triple bend tips. Tube. USA	14.95 0.19 0.09	13.01 11.87 10.68
NEW 491354 1 EACH	Wireless Solutions 55-0290 Lifetime	WIRELESS SOLUTIONS Precision 25mil. Probe Set, 4 piece includes straight, single bend, hook and triple bend tips. Tube. USA	10.00 0.13 0.06	8.70 7.94 7.14

WIRELESS SOLUTIONS Spring Hook Tools



430363

WIRELESS SOLUTIONS Spring Tools are designed for manipulati springs and other small parts in restricted spaces. Each tool is made of the finest hardened steel and nickel plated. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 415357 1 EACH	Wireless Solutions 51-1852 Lifetime	WIRELESS SOLUTIONS Spring Tool with Push Hook. 6" OAL USA	2.80 0.04 0.02	2.44 2.23 2.00
NEW 426310 1 EACH	Wireless Solutions 51-1851 Lifetime	WIRELESS SOLUTIONS Spring Tool with Pull Hook. 6" OAL USA	2.80 0.04 0.02	2.44 2.23 2.00
NEW 430363 1 EACH	Wireless Solutions 55-1857 Lifetime	WIRELESS SOLUTIONS 8-Pc Positioner Set. Stainless steel tips. USA	13.95 0.11 0.05	12.14 11.08 9.96
NEW 455305 1 EACH	Wireless Solutions 51-1850 Lifetime	WIRELESS SOLUTIONS Spring Tool with Push/Pull & Pull Hook. USA	2.80 0.04 0.02	2.44 2.23 2.00

Circuit Testers [580-81]

Computer Safe Circuit Tester

13341

Computer safe, will not damage sensitive electronic compo- nents. Draws less than 21mA. Red glow indicates positve poi ity. Green indicates negative.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
13341 1 EACH	Wireless Solutions L27450 90 days	Circuit and Polarity Tester	13.40 0.17 0.08	9.52 9.38 9.23

High-Low Voltage Tester

21604

Checks 6 and 12 volt circuits for voltage. Insulated grounding clip and test probe. Lifetime warranty.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
21604 1 EACH	K-D Tools 126 Lifetime	Circuit Tester	9.85 0.2 0.09	9.26 9.21 9.12

Test Light Probe

24887

Test light probe is perfect for fuses, light sockets, switches, et Helps in finding shorts,live & broken wires. For 6V and 12V D systems.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
24887 1 EACH	Wireless Solutions 08-9010 30 days	Test Light Probe	4.10 0.17 0.08	2.83 2.75 2.71

NEW = New Listing. Pricing for reference o See TESSCO.com for latest pricing and produ

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Continuity Tester

Checks continuity on wires, fuses, switches, etc. Just clip on one end of wire and probe on other end. Light indicates continuity. Do not use on computer sensor feed circuits.

26555

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
26555 EACH	Wireless Solutions L26200 30 days	Continuity Tester	7.20 0.17 0.08	5.12 5.04 4.97

Short-Circuit Tester

Quick check for AC or DC currents up to 20 volts. Insulated grounding clip.

39769

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
39769 EACH	Wireless Solutions L26250 30 days	Circuit Tester	7.30 0.17 0.08	5.19 5.11 5.04

Locks [580-82]

Laminated Pad Locks

Locks feature 8-pin construction with 5-pin tumbler locking mechanism. Locks are zinc plated and have double locking shackles that have been hardened to resist saws and files. Two brass keys supplied with each lock.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
318 EACH	Master Lock 44-900	1-1/2" wide lock with 3/4" tall shackle.	12.10 0.44 0.2	10.83 10.07 9.80

Screwdrivers, Quick Change [580-84]

WIRELESS SOLUTIONS 32in1 Screwdriver

In your choice of Inch or Metric, our WIRELESS SOLUTIONS 32 piece mini-precision Screwdriver Kit is designed for fine electronics. Including a handle that extends from 4" to almost 8", you get 30 precision machined tool steel bits to do your electronics job.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 328 EACH	Wireless Solutions 24393 3 Years	32-in-1 Mini-METRIC Quick-Change Screwdriver Set. 30 S-2 tool steel bits include: Torx: T4 to 20, Slotted Inch 1/16" to 5/32"& Metric 1mm to 4mm; Phillips #000 to #1; PoziDrv #0&1, Metric Hex: 0.7mm to 4mm; Handle & Extension.	21.55 0.25 0.11	19.85 18.17 15.99
NEW 315 EACH	Wireless Solutions 24392 3 Years	Mini-Metric Screwdriver Set. Features 32 precision screwdrivers in one. METRIC Bits include: Torx, Metric & Inch Slotted, Phillips, PoziDrv;	21.55 0.5 0.23	19.85 18.17 15.99

WIRELESS SOLUTIONS 12in1 Precision Set

You get 12 Precision Screwdrivers at your finger tips. Includes: 1 Full Size & 1 Stubby precision 1/8" Nutdriver, Magnetizer/Demagnetizer Cap. Extendable driver blade permits screwdriver to go from 6-3/16" to 8-3/4" overall length. Double-Ended tool stee

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 450372 1 EACH	Wireless Solutions 60104 3 Years	12n1 Precision Screwdriver. Includes : 1 Full & 1Stubby 1/8" Nutdriver, Mag/Demagnetizer, Bits. Extendable driver blade: 6-3/16" to 8-3/4"OAL. Double-End Bits: Phillips are #000 to #1; 1.5mm to 3mm Slotted; JCI-PH.	9.70 0.25 0.11	8.94 8.18 7.20
NEW 491338 1 EACH	Wireless Solutions 60106 3 Years	12n1 Torx screwdriver. Set: 1Full&1Stubby 1/8" Nutdriver, Mag/Demagnetizer, Bits. Extendable driver blade: 6-3/16" to 8-3/4"OAL.	9.70 0.25 0.11	8.94 8.18 7.20

WIRELESS SOLUTIONS 4in1 Stubby Driver

Your 4-in-1 Quick-Change Stubby Screwdriver features two double-end machined S-2 Tool Steel quick-change bits. 3" overall length. USA.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 418333 1 EACH	Wireless Solutions 88115 3 years	4-n-1 Stubby Screwdriver has two double-end S2 Steel bits includes:#1,2 Phillips; 3/16,1/4 Slotted. 3" overall length	4.25 0.19 0.09	3.89 3.56 3.14

WIRELESS SOLUTIONS 4in1 Screwdriver

Your 4-in-1 Quick-Change Screwdriver features two double-end machined S-2 Tool Steel quick-change bits 7" overall length. USA.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 425316 1 EACH	Wireless Solutions 59808 3 years	4-in-1 Quick-Change Screwdriver features 2 double-end S-2 Tool Steel quick-change bits. Bits include:#1,2 Ph;3/16,1/4"Slotted;1/4" Nut Driver.	4.00 0.31 0.14	3.69 3.38 2.97
NEW 478306 1 EACH	Wireless Solutions 59449 3 Years	6-n-1 Screwdriver features 2 double-end machined S2 Steel quick-change bits. Bits:#1,2 Ph;3/16, 1/4 Sltd;1/4"& 5/16" Nut Driver.7" OAL USA.	4.00 0.31 0.14	3.68 3.37 2.97
NEW 478377 1 EACH	Wireless Solutions 26070 3 Years	4-n-1 Screwdriver features 2 double-end S2 Tool Steel quick-change bits:#1, #2 Phillips; 3/16",1/4" Slotted. 5" OAL. USA.	4.75 0.19 0.09	4.35 3.98 3.51

WIRELESS SOLUTIONS 10in1 Screwdrivers

Your WIRELESS SOLUTIONS 10-in-1 Industrial Quick-Change Screwdriver features a Cushion Grip Handle and four double-end machined S-2 Tool Steel quick-change bits.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 422399 1 EACH	Wireless Solutions 88103 3 Year	WIRELESS SOLUTIONS 10-n-1 Quick-Change Screwdriver has 4 double-end S-2 Tool Steel quick-change bits. Bits:#1,2 Ph;3/16,1/4"Slotted;T15,T20Torx;#1,2 SqRec;1/4, 5/16" NutDriver	7.00 0.47 0.21	6.45 5.91 5.20
NEW 424307 1 EACH	Wireless Solutions 47422 3 years	10-n-1 Quick-Change Screwdriver:4 double-end S-2 Steel bits. Bits includes:#0,1 Ph;1/8, 3/16" Slt;T8,T10,T15,T20Trx;1,#2SqRc,Holder, 5/16 Nut Driver	7.00 0.35 0.16	6.45 5.91 5.20
NEW 424394 1 EACH	Wireless Solutions 59380	10n1 Security Driver. 4" storage handle. 8" OAL.	25.00 0.5 0.23	23.03 21.08 18.55
NEW 464348 1 EACH	Wireless Solutions 88150 3 years	WIRELESS SOLUTIONS 10-n-1 Computer driver set. Cushion grip handle. 4 double-end S-2 Steel quick-change bits store in end cap. Bits:#1,#2 Ph; 3/16,1/4" Slt;T15,T20Torx;#1,2 Sq Rec;1/4, 5/16"Nut Driver	9.70 0.35 0.16	8.94 8.18 7.20

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 481340 1 EACH	Wireless Solutions 59390 3 Years	12n1 Screwdriver.4" Handle.6 double-end bits:Torx T3/T4,T5/T6,T7/T8,T10/T15; Phillips #0/#1; JIS #0/#1.	24.35 0.31 0.14	22.43 20.53 18.07

WIRELESS SOLUTIONS 52in1 Quick Change

This multi-function screwdriver puts 52 tools as close as your finger tips.You get 24 Full Size& 24 Stubby Screwdrivers, 2 Full Size&1 Stubby Nutdriver, Magnetizer/Demagnetizer.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 453330 1 EACH	Wireless Solutions 06700 3 Years	52-n-1. 24 complete Full and Stubby Screwdrivers all in one driver, with 2 Full & 1 Stubby Nutdriver plus Magnitizer/Demagnetizer. Bits store in clear handle. Bits include: #0 to3Ph; 5/32,3/16" Clutch; #4 to 12 Slotted;T7 to T40 Torx; Sq Recess 0 to 3;	17.50 0.5 0.23	16.09 14.72 12.96

WIRELESS SOLUTIONS 6in1 Silent Drvr Set

Your 6-in 1 Silent Ratchet Magnetic Screwdriver features a Smooth Positive Cam-Drive Action, Reversible, and High Torque.The handle has handy storage compartment for bits. 7-1/2" OAL

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 488325 1 EACH	Wireless Solutions 26525 3 Years	6n1 Silent Ratchet Screwdriver. Cam-Drive, Reversible, Hi Torque. Handle storage 7-1/2" OAL	12.95 0.5 0.23	11.91 10.90 9.60

WIRELESS SOLUTIONS 5in1 Screwdriver Set

Your 5-in-1 Magnetic Screwdriver features a magnetic tip bit holder with extra bits stored in handle. Bits include: 5-6, 6-8 Slotted & #1, #2 Phillips. Driver is also 1/4" Nut driver. 7" overall length. USA.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
12969 1 EACH	Xcelite FSD1V Lifetime	XCELITE five in one screwdriver. 3/16", 1/4" slotted tips and Nos. 1 & 2 Phillips type. USA	12.60 0.36 0.16	10.50 9.69 9.00
NEW 447336 1 EACH	Wireless Solutions 63401 3 Years	Your 5-in-1 Magnetic Screwdriver features a magnetic tip bit holder with extra bits stored in handle. Driver is also 1/4" Nut driver. 7" overall length. USA.	7.25 0.31 0.14	6.65 6.09 5.36
NEW 495377 1 EACH	Wireless Solutions 63405 3 Years	5n1 Screwdriver. Magnetic tip bit holder. Bits store in handle: 5-6, 6-8 Slot;#1,2 Phillips. Driver is 1/4" Nut driver. 11" OAL. USA.	9.40 0.31 0.14	8.63 7.90 6.96
480014 1 EACH	Klein Tools, Inc. 70035	KLEIN 5-in-1Magnetic Screwdriver Set: #1, #2 Phillips Bits, 3/16" and 9/32"Slotted Bits with bits inside handle. OAL 7".	20.80 0.5 0.23	11.75 10.66 10.38

KLEIN Ratcheting Screwdriver

KLEIN Ratcheting screwdriver set Includes 3/16" and 9/32" slotted plus #1 and #2 phillips tip. 3 position ratchet screwdriver. 9-3/4" OAL.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
25504 1 EACH	Klein Tools, Inc. 32473	KLEIN Ratcheting Screwdriver Set with bits. 9-3/4" OAL.	36.60 0.65 0.3	20.72 18.80 18.29

WIRELESS SOLUTIONS Industrial Kit, 100 p

Perfect for your tool kit or bench, our 10 piece Industrial Bit Kit provides 92 industrial 1/4" drive bits.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 455359 1 EACH	Wireless Solutions 24380 3 Years	Clutch: #1,2,3: Phillips #0,1, 5-#2. 3 : Slotted Bits 3,3,4.5,5,5.5,6,6.5,7,8mm: Torx Bits :T8,T10,T15,T20,T25,T27,T30,T40,T45:PoziDrv: #0,1, 5-#2: Spanner: #4,6,8,10: Tri-Wings:#1,2,3,4: Tamper Proof Torx: T8,T10,T15,T20,T25,T27,T30,T35,T40: Frac.Tamper Torx; 2,2.5,3,4,5,6mm& 5/64, 3/32,7/64,1/8,9/64,5/32": Torq-Set: # 6,8,10: Extensions: 1/4" Sq.x1/4"Sq X1" & 2": Square Recess: #0,1,2,3: Hex, Metric: 1.5,2,2.5,3,4,5,5.5,6,8mm: Spline: M5,M6,M8	21.55 1.5 0.68	19.85 18.17 15.99

XCELITE Offset Ratchet Driver Set

XCELITE 5 pc. offset ratchet screwdriver set in clear plastic pouch. Slotted screw bits 3/16, 1/4. Phillips screw bit No.1&2. Revers. ratch. arm.Vacuum pack.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
83510 1 EACH	Xcelite XL75V	XCELITE 5 pc. offset ratchet screwdriver set	23.70 0.23 0.1	19.07 18.95 18.71

WIRELESS SOLUTIONS Offset Kit, 20pc

This 20 Piece Heavy-Duty Offset Ratchet Driver Kit contains an Offset Ratchet, Extension and Screwdriver handle and bits

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 444397 1 EACH	Wireless Solutions 24315 3 Years	Allen Bits :.050",1/16", 5/64", 3/32",7/64",7/32",1/8", 9/64", 3/16",5/32",1/4", 5/16"	31.05 1 0.45	28.58 26.16 23.03

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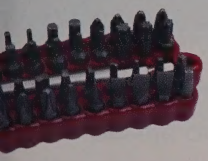
IRELESS SOLUTIONS Offset Driver K, 27pc

This 27 Piece Heavy-Duty Offset Ratchet Driver Kit contains an Offset Ratchet, Extension, Assorted Bits and Screwdriver handle.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 338 ACH	Wireless Solutions 24310 3 Years	Allen Bits : .050",1/16", 5/64",3/32",7/64",7/32",1/8",9/64",3/16",5/32",1/4"; Metric Allen : 1.5, 2.0, 2.5, 3.0, 4.0, 5.0 & 6.0mm	34.70 1 0.45	31.96 29.26 25.75
EW 363 ACH	Wireless Solutions 24300 3 Years	Allen Bits 5/64", 3/32", 7/64",1/8", 9/64"	31.25 1 0.45	28.79 26.35 23.19

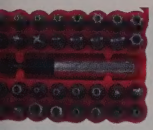
RELESS SOLUTIONS Power Driver Set, 39p



This 39 piece Power Screwdriver Bit Set can be used with most variable speed drill or power screwdrivers to a max. of 2500 RPM.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 340 CH	Wireless Solutions 25305	Security Torx: T8,T9,T10,T15,T20,T25,T27,T30,T40 ; SAE Security Torx: 5/64,3/32,1/8,7/64"	28.05 0.75 0.34	25.81 23.63 20.80

RELESS SOLUTIONS Tamper Proof Set, 33p



Your 33 piece Security & Tamper Proof Bits Set includes: 1/4"Drive Magnetic Bit Holder. 2-3/8" OAL.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 45 CH	Wireless Solutions 45002	Security Torx: T8,T9,T10,T15,T20,T25,T27,T30,T40 ; SAE Security Hex: 5/64,3/32,1/8,7/64"	15.10 0.31 0.14	13.90 12.73 11.20

ESCENT Duradriver Ratchet Driver Set

slip grip stops slippage for higher torque
e position ratchet mechanism. FWD/LOCK/
se button for but storage holder

- Hidden bit storage compartment in handle
- Sturdy holder keeps 6 bits handy and secure
- Magnetic shaft makes bit changing easy

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
46 CH	Crescent Tools SDMBRV 1 Year	CRESCENT Dura-Driver 3 position ratchet screwdriver. Includes #1 & #2 Phillips, 1/4" & 3/16" slotted, #1 & #3 square recess bits.	14.00 1.45 0.66	11.63 10.74 9.97

CRESCENT DuraDriver Quick Change Kits

The Dura-Driver is an ergonomically designed ratcheting screwdriver. No-Slip grip for higher torque. Uses any 1/4" hex bits. Hidden bit storage in the handle.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
65433 1 EACH	Crescent Tools SDMBR1 1 Year	CRESCENT Dura-Driver ratchet screwdriver kit. 3 Position. Ergonomic handle design. Use with any 1/4" hex bits. Includes 39 pcs with Sockets.	32.00 2.81 1.28	26.63 24.58 22.82
65457 1 EACH	Crescent Tools SDMBR2 90 Days	CRESCENT Dura-Driver ratchet screwdriver kit. Includes 34 pcs with Nutdrivers	31.80 2.81 1.28	26.46 24.43 22.68

Magnetizer/Demagnetizer [580-88]

Magetizer/Demagetizer

Magetizer/Demagnetizer for small tools and parts. Use with screwdrivers, tweezers or other small steel tools. To magnetize, pull tool through (+) slot. To demagnetize, pull tool through (-) slot. Samll size fits in toolbox. 2.1" x 2.0" x 1.1".

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
18462 1 EACH	Wiha Tools 40010 1 Year	Magnetizer- Demagnetizer.	8.90 0.3 0.14	6.96 6.75 6.57

Telecom Craft Tools [581-25]

Harris D914 Punch Down Tool

The D914 automatic inpact tool is the only tool to combine torque & impact. It also includes two versatile tools, the hook and spudger, built into the handle. Uses the same blades as the popular D814 but adds a screwdriver blade option.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
66623 1 EACH	Harris Corporation D914-501 Lifetime	D914 handle with 66 and 110 blades	75.65 1 0.45	56.62 55.11 52.95

Harris D814 Punch Down Tool

The Harris D814 impact tool became the industry standard because of its adaptability. A variety of blades are can be used with the handle. A simple push triggers the adjustable D814 impact spring mechanism-giving you more efficient & uniform connections with much less effort. There's even an extra blade storage compartment in the handle.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
15332 1 EACH	Harris Corporation 10055-000 Lifetime	Tool handle with 66 blade. Can take other blades.	57.15 0.4 0.18	42.77 41.63 40.00

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Tools

Cambridge Impact Punch Down Tool

Terminates and cust wire on 66 and 110 type blocks. There is an adjustable spring-loaded mechanism on the handle. The handle features a receptacle for extra blade storage.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
58242 1 EACH	Cambridge 24-412P 2 yr	Punch down tool with 66 block blade.	65.00 0.6 0.27	58.24 54.15 52.72
36383 1 EACH	Cambridge 24-413P 2 yr	Punch down tool with 110 block blade.	65.00 0.6 0.27	58.24 54.15 52.72
43779 1 EACH	Cambridge 99-413 1 yr	Replacement 110 blade for the Cambridge 24-412series impact tool.	19.00 0.1 0.05	17.03 15.83 15.41
82172 1 EACH	Cambridge 99-412 1 yr	Replacement 66 blade forCambridge 24-412 series impact tool.	19.00 0.1 0.05	17.03 15.83 15.41

ProbePic Tool

91524

The ProbePic tool is handy and useful to check loose or damaged connections. Insulated nylon material.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
91524 1 EACH	Harris Corporation 44600-000 Lifetime	ProbePic spudger tool	6.50 0.3 0.14	4.86 4.73 4.55

Blades for Harris D814/D914 Tool

34139

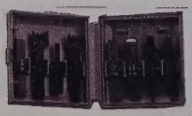
84497

86878

The following selection of blades for the Harris D814 punch down tool. All blades feature one-piece construction ofof hardened steel alloy, which gives it a tough,long lasting cutting edge. Other custom blades like 3M System D Modular Patch Block Blade, Northern Telecom Bix System Blade and the Krone Blade are available on request.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
15445 1 EACH	Harris Corporation 10665-000	BIX replacement blade.	53.90 0.06 0.03	40.34 39.26 37.73
34139 1 EACH	Harris Corporation 10056-000	66 replacement blade.	20.00 0.5 0.23	14.97 14.57 14.00
84497 1 EACH	Harris Corporation 10176-000	110 replacement blade.	20.00 0.05 0.02	14.97 14.57 14.00
86878 1 EACH	Harris Corporation 10565-000 1 yr	KRONE replacement blade.	52.60 0.06 0.03	39.37 38.32 36.82
66645 1 EACH	Harris Corporation 10178-600	Eversharp 66/110 Cut Blade	33.15 0.5 0.23	24.79 24.13 23.18

Blades Kit-Harris D814/D914 Tool



This unique Harris blade storage case helps prevent loss, misplacement and damage of impact blades by keeping them all together in one convenient hard case. Sized to fit neatly into shirt or pants pocket or clipped onto belt or tool pouch. The kit is a convenient way to carry all your blades together.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
52349 1 EACH	Harris Corporation 10979-004	Has two 110 blades,one 66 blade and one Wood Screw Starter Blade. Hard case is also included.	70.15 0.26 0.12	52.49 51.09 49.09

Cambridge Economy Punch Down Tool

74776

Terminates and cust wire on 66 and 110 type blocks. Non impact designed for economy.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
23169 1 EACH	Cambridge 24-411P 2 yr	Punch down tool with 66 on one end, 66-cut onother.	27.00 0.6 0.27	25.20 24.55 24.22
74776 1 EACH	Cambridge 24-410P 2 yr	Punch down tool with 66 on one end, 110 on other.	25.90 0.6 0.27	23.21 21.58 21.01

Wire Puller

82770

71779

This tool will save an installe time when routing wiring for telephones, speakers, stereos,alarms, computers, or a other accessory that require wiring.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
82770 1 EACH	Wireless Solutions MEG20 Lifetime	Overall length 24". Spring steel body, bullet shaped tip.	37.00 0.2 0.09	22.38 21.13 20.53
71779 1 EACH	Wireless Solutions MEG21 Lifetime	20" flexible extension for use with MEG20 tool.	16.15 0.14 0.06	12.81 12.81 12.81

Harris Telecom Tool Pouch

60356

85535

The Harris IS Series tool pouch kit features genuine Harris tools. The belt pouch has room for a Punch down tool, spli knife, Electrician's snips and a can wrench. See below for tools included.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
60356 1 EACH	Harris Corporation IS30 Lifetime	Tool pouch with D914 impact tool, splicing knife, electrician's snips and Can wrench.	135.05 1.38 0.63	101.07 98.39 94.54
85535 1 EACH	Harris Corporation POUCH Lifetime	Tool pouch only.	16.90 0.19 0.09	12.64 12.30 11.82

Can Wrench

63897

For 3/8" and 7/16" hex nuts allows quick access to telephone b esand binding-post terminals. Ends are color coded for easy ide tification. Comfortable ribs give a secure hand grip.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
63897 1 EACH	Klein Tools, Inc. 68005 1 Year	7" hex nut can wrench for 3/8" and 7/16" nuts. Sockets are 1-1/4" deep.	24.70 1 0.45	13.97 12.68 12.34

NEW = New Listing. Pricing for reference on See TESSCO.com for latest pricing and produ
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CELITE Can Wrench

480331

' and 7/16" double end nutdrivers for opening ecommunications for opening cabinets and pedes-

d to place fuses in cable terminals and connect es to fuse and binding post

• Durable plastic handles for years of use

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 331 CH	Xcelite DCT309V Lifetime	Double end Hex Can Wrench, 3/8" & 7/16".	16.00 1.44 0.65	13.33 12.31 11.43

NARD Can Wrench, Ergonomic

477359

Double ended can socket wrench, 3/8" and 7/16" hex, orange plastic ergonomic handle. Used in placing fuses in cable terminals and connecting wires to fuses and binding posts. The walls on both sockets are thing enough so they can be used to work locking devices on most terminals and cabinets.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 359 CH	Jonard Industries Corp M-216C/EX 1 Year	JONARD Double-end Can Wrench, 3/8" & 7/16"HEX. Orange plastic 7" handle. PID#102450574.	11.90 0.23 0.1	10.36 9.45 8.88

, UR & UY Connector Crimp Pliers

468342 491339 13518

nector crimping plier w/ side cutters. Crimps UG,UR,& UY connectors.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 342 CH	Wireless Solutions 5018CC Lifetime	WIRELESS SOLUTIONS Telecom Connector Crimp Pliers for UG, UR & UY connectors. Meets Bellcore specs. Blue/Grey Cushion Grip. 7" OAL	18.95 0.4 0.18	16.12 14.67 13.76
W 339 CH	Jonard Industries Corp JIC-891 1 Year	JONARD Crimping Pliers w/side cuttters. Press UG, UR & UY Connectors.	17.10 0.28 0.13	14.88 13.58 12.76
18 CH	Klein Tools, Inc. D234-6C Lifetime	KLEIN-Connector crimping plier w/ side cutters. Crimps UG,UR,& UY connectors. 6" OAL	35.20 0.5 0.23	19.92 18.08 17.59

NARD Long Nose G Plier

455360

JONARD Long nose G Plier is forged from fine tool steel with precision machined jaws designed to close 700, 701 & 702 style connectors.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 60 CH	Jonard Industries Corp JIC-056 1 Year	JONARD Long Nose G Plier jaws close 700, 701 & 702 style connectors.	12.90 0.35 0.16	11.23 10.25 9.69

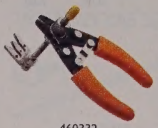
JONARD Long Nose Plier

492343

Long nose have side cutting blades, a crushing slot, one .030" stripping hole, and a thin knurled nose to facilitate handling of wire at the terminals. The comfortable handles are yellow plastic dipped.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 492343 1 EACH	Jonard Industries Corp JIC-21257 1 Year	JONARD Long Nose Pliers have side cutting blades; crushing slot;.030" strip hole	27.90 0.34 0.15	24.28 22.16 20.94

JONARD Stripper-Cutter, Combo

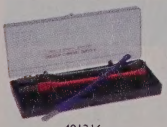


460332

The latest development in wire stripping & cutting. Simply place the wire in the stripping slot. Squeeze and pull. The wire is stripped and cut to the exact length required. Come with cushioned ergonomic grips, interchangeable blades 22-24 AWG and 24-26 AWG. Features include a larger "V" opening on the pliers and no tools are required for adjustments.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 460332 1 EACH	Jonard Industries Corp JIC-4473 1 Year	JONARD Stripper/Cutter. Interchangeable blades 22-24 AWG & 24-26.	44.90 0.29 0.13	39.07 35.66 33.50

JONARD Diamond File Kit



491316

These diamond contact burnishing spatulas consist of uniform abrasive diamond particles, set in a special metal for precise effective cleaning, polishing, and burnishing with minimum pressure, so very little metal is removed. They apply strong abrasive power, are long lasting and the natural iffegular shapes of the diamond particles prevents clogging. It is also used effectively in removing burs and rough edges of sub-miniature IC's. The contact face will always remain perfectly polished due to the uniformity of the diamond particles. Flexible dielectric plastic handle permits accessibility to awkward areas and can be used without power shut off. Three types of diamond contact burnishing spatulas for every application are included in this kit.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 491316 1 EACH	Jonard Industries Corp K-234 1 Year	Diamond Contact Burnishing Spatulas. 1"x1/4"x 6"L. 3 asst Spatulas. Coarse, Medium and Fine grit.	121.65 0.11 0.05	105.84 96.59 90.76

JONARD Burnishing Tools (12/PKG)

421320

Plastic insulated handles for working on live contacts. Tools are packaged in a clear plastic vial for protection from grease and moisture.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 421320 12 PACK	Jonard Industries Corp OB-2/12 1 Year	Burnishing Tools (12/PKG) For extra sensitive points. 1/4"W,.007"T, 3"L.	30.65 0.04 0.02	26.67 24.34 22.87
NEW 477390 12 PACK	Jonard Industries Corp OB-1/12 1 Year	Burnishing Tools (12/PKG) For fine contacts: 3/16"W, .007"T, 3" LONG.	24.25 0.03 0.01	21.10 19.26 18.10

Tools

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Paladin Non-Impact Punchdown Tools

455136

Terminates and cuts telephone and data wire into various types of terminating panels including 66,88,108,109 and 110. For insulation displacement (IDC) type bifurcated terminals

- Non-Impact, low-cost punchdown for 110 and 66 types
- Solid or stranded, single insulation wire
- 28-22 AWG
- Comfortable rubber handle grip
- Performs both cut and punch functions
- Perfect for small jobs and the do-it-yourslefer installer
- Fits in the palm of your hand
- One-year warranty

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
455136 1 EACH	Paladin 3581 1yr	Non-impact punchdown tool with 66 blade	10.95 0.1 0.05	9.82 9.13 8.88

Paladin Impact Punchdown Tools

418183 467147 422195 481172 499151

- Standard impact compression design
- Adjustable HI/LO settings for compression force
- Impact force: HI is 35 lbs (16g), LO is 25 lbs (11g)
- Impact handle and baldes available separately
- Reversible clip-in blades (except BIX & Krone)
- Spare blades stores in handle of tool (except BIX & Krone)
- Punches Down with or without cut function (except BIX & Krone)
- Five Year Warranty on tool and one year on blades
- Leather holster available to attach to belt

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
418183 1 EACH	Paladin 3527 5yr	Impact punchdown with 66 blade	50.00 0.3 0.14	44.80 41.65 40.55
467147 1 EACH	Paladin 3528 5yr	Impact punchdown tool with 110 blade	50.00 0.3 0.14	44.80 41.65 40.55
422195 1 EACH	Paladin 4527 1yr	66 replacement blade	14.70 0.1 0.05	13.14 12.22 11.89
481172 1 EACH	Paladin 4528 1yr	110 replacement blade	14.70 0.1 0.05	13.14 12.22 11.89
499151 1 EACH	Paladin 3526.2 1yr	Leather holster for standard impact punchdown	8.50 0.2 0.09	7.59 7.06 6.87

Paladin SurePunch Punchdown Tools

467178 466170 434105 416118 446128

The new soft rubber-embedded handle provides a sure, comfortable grip with no slipping. Soft rubber cushions your palm as you punch down the wires. Lanyard holes in the end make SurePunch PDT easy to carry and hard to misplace. Uses twis-and-lock-style blades.

- Cushion grip, molded to the shape of your hand, for comfort and sure, non-slip hold
- Adjustable, spring-compression HI/LO impact tool
- Increased HI/LO impact force to meet demands of new cable types and AWG sizes
- For 28-22 AWG, solid or stranded wire
- Blades twist and lock into place
- Cushioned heel for comfort in the palm of your hand
- New latch cover blade storage area in end of handle
- Combination 110/66 (cut only) blade available
- One-year warranty on tool & blades

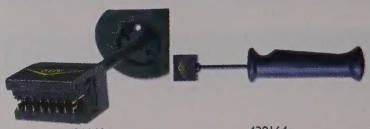
Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
467178 1 EACH	Paladin 3570 1yr	SurePunch tool only	38.00 0.5 0.23	34.04 31.65 30.81
466170 1 EACH	Paladin 3571 1yr	SurePunch PDT with 110/66 combo cut-only blade	53.00 0.5 0.23	47.48 44.15 42.98
434105 1 EACH	Paladin 4571 1yr	SurePunch PDT 110/66 cut-only replacement blade	15.90 0.1 0.05	14.22 13.22 12.88
416118 1 EACH	Paladin 4572 1yr	SurePunch 110 reversible replacement blade	15.90 0.1 0.05	14.22 13.22 12.88

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
446128 1 EACH	Paladin 4573 1yr	SuprePunch PDT 66 reversible blade	15.90 0.1 0.05	14.22 13.22 12.88

ProPunch 110 Multi-pair Punchdown



421161 438164

Terminates and cuts up to five pairs of data/voice cable at the same time. ProPunch 110 is designed to perform over 30,000 cycle punches Terminates most AWG 23 cable pairs in one punch. This tool delivers more then one and one half times the force of other multi-punchdown tools on the market today. With the extra power you can terminate and cut most AWG 28-22 cable pairs. The rugged "no-slip" handle fits comfortably in your hand with the handle end contoured to the heel of your hand.

- Fewer punches saves time
- Smooth operation and rugged, comfortable handle absorbs punch recoil
- Available with 5-pair or 4 pair head
- Terminates AWF 28-22 solid or stranded wires with single insulation
- Designed to work with CAT 6 AWG 23 cable, no tool upgrade necessary
- One year warranty

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
421161 1 EACH	Paladin 3561 1yr	ProPunch 110 with 4 pair head	100.00 1 0.45	89.60 83.30 81.10
438164 1 EACH	Paladin 3560 1yr	ProPunch 110 with 5 pari head	100.00 1 0.45	89.60 83.30 81.10

JONARD Booth Wrench

437312

Tamper proof hex screwdriver, also know as Booth Wrench. Features a 5/32 hex shaft with a hole drilled in the tip for use with security tamperproof screws used for telephone and CATV applications.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 437312 1 EACH	Jonard Industries Corp BW-532 1 Year	JONARD Booth Wrench Tamperproof Hex driver. Features: 5/32" Hex, 9" long. PID#400288585	7.50 0.11 0.05	6.53 5.96 5.60

JONARD Wire Loop Puller

474388

Durable red anodized aluminum handle facilitates pulling wir through terminal blocks, rings on main frame or fanning strip holes.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 474388 1 EACH	Jonard Industries Corp JIC-2257M 1 Year	JONARD Wire Loop Puller. Red anodized aluminum. 8 1/2" long. PID#401459599.	11.60 0.08 0.04	10.10 9.21 8.69

NEW = New Listing. Pricing for reference on
See TESSCO.com for latest pricing and produ

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JONARD Cable Sewing Needle

430349

Durable red anodized aluminum handle with curved notched sewing needle. Designed to harness or lace multiple lead bundles.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **430349** 1 EACH	Jonard Industries Corp JIC-287 1 Year	Red anodized aluminum. 5 3/4" long.	11.60 0.08 0.04	10.10 9.21 8.69

JONARD Cable Ring Cutting Tool

446325

This cable ring tool is designed for cutting the sheathing of inside type plastic, fabric or rubber covered cable. Durable metal handle tool is supplied with 1 replacement blade.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **446325** 1 EACH	Jonard Industries Corp JIC-2060 1 Year	ol. Cuts sheath plastic, fabric & rubber covered cabl: 3/16,1/4,3/8,1/2". 5 1/2" long	23.15 0.2 0.09	20.15 18.39 17.38

JONARD Cable Stripper

450330

Strip the jacket from all sizes of plastic and fabric covered cables without damaging the wire or insulation. Tough ergonomically designed handle protects the hand from being skinned or cut. Blade can be reversed for new cutting edge, and spare blade included in handle.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **450330** 1 EACH	Jonard Industries Corp JIC-2878 1 Year	Red, Cable Sheath Stripper	28.15 0.62 0.28	24.50 22.36 21.13

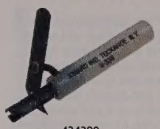
JONARD Cable Stripper & Ring Tool

474371

Used for butting and stripping cables to large for hand held pliers. Use 1 blade to butt PVC sheathing and use the second blade to strip the sheathing. Adjustable for .018" or .031" thick plastic, rubber or fabric insulation. Tough ergonomically designed handle protects the hand from being skinned or cut. Blade can be reversed for new cutting edge on the sheath stripper part of the tool. One spare blade of each style is included with the tool.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **474371** 1 EACH	Jonard Industries Corp JIC-4366 1 Year	Cable Stripper for butting & stripping cables.Adj:.018"or.031	57.80 0.6 0.27	50.29 45.90 43.12

JONARD Lamp Extractor Tool

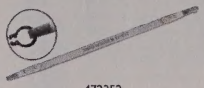


434398

Mechanical type extractor used to remove or insert miniature lamps with bayonnet type bases in panels and switchboards by firmly and gently grasping lamps. Grasp lever includes a return spring for fast lamp insertion and removal. Lamp grasp is limited to 5/16" to prevent shorts. Handle diameter 1/2", 4" long.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **434398** 1 EACH	Jonard Industries Corp S-339 1 Year	Lamp Extractor. 4" Long. PID#100753904.	26.50 0.05 0.02	23.06 21.05 19.77

JONARD Clip Setter & Remover

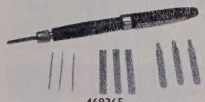


472352

Clip setter used for setting and withdrawing 1.5mm and up E & C clips. One end of this tool has a hook with leaf spring tension for removing the clip. Other end of tool has leaf spring for holding clip in position to insert. Narrow shape allows access to confined places. This tool is 6 3/4" long x .275" wide and 1/16" thick.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **472352** 1 EACH	Jonard Industries Corp CS-1022 1 Year	Clip Setter & Remover for 1.5MM & up E & C CLIPS.	15.90 0.06 0.03	13.84 12.63 11.87

JONARD Pocket Burnisher



469365

Adjustment of flexible blade-length and rigidity- is possible by varying depth in chuck. Supplied with replaceable blades stored in pen barrel at the other end. Plastic barrel and cap made of sturdy plastic for dielectric work. Rods are ball ended.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **469365** 1 EACH	Jonard Industries Corp PB-7 1 Year	4-1/2"Lx3/8 dia". 6 Blades: 3/16"W x 1-1/2"L x .007" T.	27.85 0.04 0.02	24.23 22.12 20.78
NEW **485360** 1 EACH	Jonard Industries Corp PB-3R 1 Year	JONARD Pocket Burnisher 4-1/2"Lx3/8 dia".Blades:3/16"Wx1-1/2"Lx.0035"T. Rods: .020"Dx1-1/4"L	31.35 0.04 0.02	27.28 24.90 23.39

JONARD Alignment Set, 5 pc

467354

This 5 pc pocket kit contains a selection of the most popular non-conductive tools for aligning and adjusting components. Supplied in an easy to carry vail.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **467354** 1 EACH	Jonard Industries Corp TK-AT5 1 Year	5pc kit includes: Trimpot, 2-n-1 Align, Spudger, Orange Stick, & Probe Pik.	7.60 0.05 0.02	6.62 6.04 5.67

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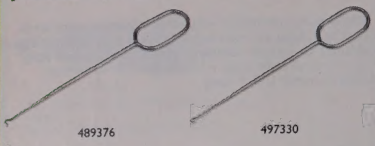
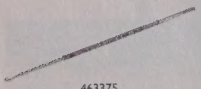
JONARD Spring Hook Tool, Pull


489376 497330

Used for inserting, removing and adjusting fine springs and other small parts in night areas. Indispensable for percision work in production and maintenance of percision prodcution electronics, electromechanics and even maintenance jobs. All spring hooks are tapered to a fine point. Produced of the finest quality high carbon steel with a nickle-plated finish.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 489376 1 EACH	Jonard Industries Corp M-125 1 Year	Spring Hook Tool, Push Hook. 6" long	5.95 0.03 0.01	5.18 4.73 4.44
NEW 497330 1 EACH	Jonard industries Corp M-120 1 Year	Spring Hook/Pull Hook	5.95 0.03 0.01	5.18 4.73 4.44

JONARD Combo Spring Hook

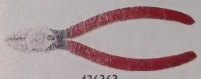

463375

Pull hook and lifter with an insulated grip.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 463375 1 EACH	Jonard Industries Corp M-130/IX 1 Year	Combo Spring Hook Tool. Insulated, 8" long	8.30 0.03 0.01	7.23 6.59 6.20

Communication Cable Cutters [581-35]

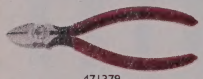
KLEIN Diagonal Cutting Pliers


436363

KLEIN Diagonal-Cutting Pliers features W notches to slit insulation, .052" stripping hole, tapered notches, induction hardened cutting knives, hot-riveted joint, plastic-dipped handles. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 436363 1 EACH	Klein Tools, Inc. D2526SW Lifetime	KLEIN Diagonal-Cutting Pliers with skinning hole, W-nose .052" stripping hole. 6" Overall length.	56.95 1 0.45	28.46 28.46 28.46

KLEIN Telephone Crimp Cutters - Type D6


471379

Klein 6" Telephone Work Pliers - Type D-6, tapered nose, .03" and .045" stripping holes, serrated behind the hinge to crush insulation, induction hardened cutting knives, hot-riveted joint, plastic-dipped handles .

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 471379 1 EACH	Klein Tools, Inc. 72192 Lifetime	KLEIN Type D6 - Telephone Crimp Pliers. has a tapered Nose, .03" and .045" stripping holes. Serrated behind the hinge to crush insulation. Induction hardened cutting knives.	34.60 1 0.45	19.58 17.77 17.29

KLEIN Heavy-Duty Cable Shears

485395

Designed to cut copper, steel, ACSR, and most hardened wire, heavy-duty tempered steel blades are made of high quality steel for long service, unique triangular-jaw design will cleanly cut cable without compression or frayed ends.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 485395 1 EACH	Klein Tools, Inc. 63016 Lifetime	KLEIN Heavy-Duty Cable Shears designed to cut copper, steel, ACSR, and most hardened wire. Heavy-duty tempered steel blades are made of high quality steel for long service. Triangular-jaw design cleanly cuts cable without compression or fraying ends. USA	98.15 1 0.45	55.56 50.42 49.06

KLEIN Coax Multi-Purpose Tool

431374

KLEIN Crimp Tool for RG-59 and RG-6 F-type and ring connectors. Eliminates the need to carry three separate tools for RG-59 and RG-6 cable terminations. Hardened cutting blades for aluminum or copper conductors. Precision-ground stripping holes and dies for standard F-type and ring connectors. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 431374 1 EACH	Klein Tools, Inc. 1008 Lifetime	KLEIN Crimp tool for RG-59 and RG-6 cable terminations for standard F-type and ring connectors.	46.60 1 0.45	26.39 23.95 23.30

HK PORTER Cable Cutter, Center Cut

416375

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 416375 1 EACH	H.K Porter 0690C Lifetime	9" cable cutter, center cut. Max. hardness Brinell 300/ Rockwell C31,	108.85 0.82 0.37	90.65 83.69 77.70

KLEIN-Kurve Multi-Cable Cutter

480376

KLEIN Multi Cable Cutter Cuts solid, stranded & multi-pair cables. Blades: Anvil Cutter cuts copper to 12AWG & Stainless Steel to 0.032"; Copper Curved cuts Solid to 8AWG, Stranded to 6AWG, Multi-stranded to 1/2"; and Mild Steel cutter up to 0.080". Shears 6-32 & 8-32 screws. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 480376 1 EACH	Klein Tools, Inc. 63020 Lifetime	KLEIN Multi Cable Cutter with three different cutting blades. Cuts solid, stranded & multi-pair cables. Double-dipped comfort grips. 7" overall length.	30.55 1 0.45	17.28 15.68 15.26

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GPS and Navigation Aids [227-30]

Garmin eTrex Receivers

10010 418063 433111 442135

The Garmin eTrex takes the best features of a 12 parallel channel GPS and put them into a 6oz. package that is only 4.4 " high and 2" wide. All buttons are located on either side of the unit, allowing one-handed operation that won't obstruct the 2.1" H x 1.1" W high-contrast display. The eTrex is completely waterproof. It will run up to 22 hours on two AA batteries (not incl.). eTrex will store up to 500 waypoints with graphic icons and has the exclusive Trac-back feature that will reverse your track log.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
10010 EACH	Garmin Int'l ETREX 1 Year	Garmin eTrex features 64 x 128 pixel display, 1 reversible route and limited MapSource compatibility - able to transfer waypoints, routes and tracks between PC and GPS. Requires (2) AA batteries.	141.30 0.5 0.23	137.91 136.07 134.24
18063 EACH	Garmin Int'l ETREX SUMMIT 1 Year	Garmin eTrex features 64 x 128 pixel display, 20 reversible routes, electronic compass, barometric altimeter and limited MapSource compatibility - able to transfer waypoints, routes and tracks between PC and GPS. Requires (2) AA batteries.	259.75 0.7 0.32	253.49 250.12 246.74
33111 EACH	Garmin Int'l ETREX VISTA 1 Year	Garmin eTrex features 64 x 128 pixel display, 20 reversible routes with up to 50 waypoints, electronic compass, barometric altimeter, elevation computer and limited MapSource compatibility - able to transfer waypoints, routes and tracks between PC and GPS. Requires (2) AA batteries.	363.65 0.5 0.23	354.89 350.17 345.44
NEW 42135 EACH	Garmin Int'l ETREX LEGEND 1 Year	Garmin eTrex Legend features a full basemap of North and South America, WAAS compatibility, 8 MB additional memory to accept data from entire MapSource line, 288 x 160 pixel display, and 20 reversible routes with up to 50 waypoints. Requires (2) AA batteries.	259.75 0.5 0.23	253.49 250.12 246.74
NEW 53181 EACH	Garmin Int'l 010-10314-00 1 Year	Garmin eTrex carrying case features clear vinyl lens and holes for operating buttons. Includes Velcro flap closure, belt clip, and lanyard connection.	11.45 0.18 0.08	11.14 11.00 10.85

Garmin GPS 12 Receiver

0432 85611 82821

The Garmin GPS 12 receivers feature rugged, waterproof case with military tough construction. The rocker keypad design provides true one-hand operation. They are very user friendly and are packed with features like moving map plotters, proximity way-point-alarms and speed data. 500 waypoints, 1024 track log points, 9 languages, Loran TD's, no external antenna hookup, no database or map.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
60432 EACH	Garmin Int'l GPS 12 1 year	The GPS 12 Personal Navigator 12 parallel channel receiver. Includes wrist strap and user's guides. Requires 4 AA batteries (not included).	176.65 0.75 0.34	172.37 170.08 167.78
85611 EACH	Garmin Int'l 010-10084-00 1 year	Cigarette lighter adapter for GPS 12 (only). Allows you to power the receiver from your vehicle.	30.50 0.3 0.14	29.73 29.34 28.94
82821 EACH	Garmin Int'l 010-10164-00 1 year	PC interface cable with 8 volt cigarette lighter adapter for the GPS 12 receiver.	38.10 0.75 0.34	37.18 36.69 36.19

Garmin GPS 12XL Receiver

3004

The Garmin GPS 12XL receiver features a rugged waterproof case with military tough construction. The rocker keypad design provides true one hand operation. The 12 parallel channel receiver features 500 waypoints, 1024 track log points, 9 languages, Loran TD's, external antenna hookup and city point database.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
13004 EACH	Garmin Int'l GPS 12XL 1 year	The GPS 12XL personal navigator. Includes carrying case, lanyard, user's manual and 4 AA batteries.	235.50 1.09 0.5	229.83 226.77 223.71

Garmin GPS II Plus Receiver

69607

The Garmin GPS II Plus reciever featuers rugged construction with locking battery cover. Built in database shows locations of towns and cities. Now the same guidance used by pilots is available in the palm of your hand. Features 500 waypoints and 20 routes of up to 30 waypoints each, 1024 track logs and external antenna hookup.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
69607 1 EACH	Garmin Int'l GPS II PLUS 1 year	The GPS II Plus 12 parallel channel receiver. Includes portable antenna, velcro mount, lanyard and owner's manual.	235.50 1 0.45	229.83 226.77 223.71

Garmin GPS III Plus Receiver

91039

The GPS III Plus offers cartographic/ street level capabilities formerly found only in high-end automotive navigation and marine chart plotting. Basemap features more than 10,000 new towns, airport locations, secondary roads, detailed highway exit information, lodging, food & service station information. 500 waypoints, 1900 track logs, 100 map datums, 20 reversible routes with up to 30 waypoints each and external antenna hookup.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
91039 1 EACH	Garmin Int'l GPS III PLUS	The GPS III Plus 12 parallel channel receiver. Includes wrist strap, velcro mount, user's guide and quick reference card.	435.65 1.3 0.59	425.19 419.53 413.87
42654 1 EACH	Garmin Int'l 010-10215-00	MapSource CD Rom for the GPS III Plus. Contains US roads and recreation.	96.95 0.54 0.25	94.63 93.37 92.11

Garmin eMap

61595 65232

The eMap is another reason to toss out those paper maps. The size of a small, flat calculator, it features:

- Differential-ready, 12 parallel channel receiver
- PC interface
- Blank 8 megabyte datacard
- Wrist strap
- User's manual
- 500 waypoints with name and symbol
- 2000 track log points plus 10 saved tracks
- 2 resettable odometers, timers
- Built-in basemap of North and South America political boundaries, waterways, and interstate highways
- Compatibility with Garmin's complete line of MapSource CD-ROMs
- Built-in patch antenna with MCX-type connector for external antenna connection
- REQUIRES 2 AA BATTERIES (NOT INCLUDED)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
61595 1 EACH	Garmin Int'l EMAP DELUXE	Garmin eMap Deluxe receiver includes wrist strap, user's manual, quick reference card, PC interface, and blank 8mb data card.	247.30 1.1 0.5	241.32 238.11 234.90
65232 1 EACH	Garmin Int'l 010-10202-00 1 Year	Automotive mounting bracket for eMap.	11.45 0.5 0.23	11.14 11.00 10.85

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Outdoor Instruments

Garmin GPSMAP 76

The GPSMAP 76 comes with a built-in basemap of cities, interstates, waterways, and nautical navaids. This memory is preloaded from the factory with worldwide cities with populations greater than 200,000 and nautical navigation aids such as lights, buoys, sound signals, and beacons. The GPSMAP 76 is also preloaded with tide data for the United States.

491123

- WAAS-enabled, 12 parallel channel receiver
- PC cable
- Wrist strap
- Owner's manual
- Quick reference card
- 500 waypoints with name and graphic symbol
- 50 reversible routes with up to 50 points each
- Automatic track log
- Resettable odometer, timers
- Built-in celestial tables
- Built-in quadrifilar antenna with MCX connection for external antenna
- Basemap with cities, interstates, and waterways; preloaded with navaids and U.S. tide data
- Accepts up to 8 megabytes of map detail from MapSource CDs
- REQUIRES 2 AA BATTERIES (NOT INCLUDED)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
491123 1 EACH	Garmin Int'l GPSMAP 76 1 year	The GPSMAP 76 receiver. Includes PC cable, wrist strap, owner's manual, and quick reference card.	387.90 0.75 0.34	378.55 373.51 368.47

Garmin GPSMAP 76S

Garmin GPSMAP 76S is a GPS/mapping unit meant for the devoted mariner or serious outdoor enthusiast. The "S" in the product name stands for "sensors" which deliver precise location, elevation, and bearing information to take an adventurer as far as he wants to go.

435334

- WAAS enabled, BlueChart compatible, 12 parallel channel receiver
- Barometric altimeter
- Electronic compass
- Basemap of North and South American cities, highways, rivers, lakes
- 24 MB memory for downloading MapSource data
- 500 waypoints with name and graphic symbol
- 50 reversible routes with up to 50 points each, plus MOB and TracBack modes
- Automatic track log
- Trip computer measuring speed, time, distance
- Alarms for anchor drag, shallow water, deep water
- Built-in celestial tables
- Built-in quadrifilar antenna, with external antenna connection (MCX)
- Waterproof
- Weighs less than a pound- and floats
- REQUIRES 2 AA BATTERIES (NOT INCLUDED)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 435334 1 EACH	Garmin Int'l GPSMAP 76S 1 year	The GPSMAP 76S receiver. Includes PC cable, wrist strap, owner's manual, and quick reference card.	474.45 1.25 0.57	463.05 456.89 450.72

Garmin GPSMAP 176 Receiver

The Garmin GPSMAP 176 marine receiver combines innovative technology and ease-of-use operation to help boaters get the most out of their time on the water. The unit features:

425034 473072

- GPSMAP 176 receiver
- PC cable
- Power/data cable
- Marine mount
- Owner's manual
- Quick reference card
- 12 parallel channels
- 3.8-inch diagonal 12-level grayscale or 16-color high-resolution display
- Worldwide basemap and tide data for the US
- Garmin's BlueChart marine cartography enhancement
- Compatibility with MapSource line for use in a car
- Optional automotive mounting adapter available

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
425034 1 EACH	Garmin Int'l GPSMAP 176 1 year	The GPSMAP 176 is a 12 parallel channel, WAAS-enabled receiver with an extra large 3.8" diagonal black and white display. REQUIRES 4 "AA" BATTERIES (NOT INCLUDED).	554.10 1.25 0.57	540.79 533.59 526.39
473072 1 EACH	Garmin Int'l GPSMAP 176C 1 year	The GPSMAP 176C is a 12 parallel channel, WAAS-enabled receiver with an extra large 3.8" diagonal, 16-COLOR display. REQUIRES 4 "AA" BATTERIES (NOT INCLUDED).	664.95 1.25 0.57	648.95 640.31 631.67

Garmin GPS Street Pilot Receiver

The Garmin Street Pilot GPS combines satellite tracking technology with detailed electronic maps. Contains a reference basemap showing interstates, US State highways plus rivers and lakes in the US, Canada, and Mexico. Enter an address and the StreetPilot takes you there. 100 waypoints, 20 reversible routes and external antenna hookup. Optional data cards can be plugged in for street level detail.

96759

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
96759 1 EACH	Garmin Int'l STREET PILOT 1 year	The Street Pilot GPS features a high performance 12 parallel channel receiver. Includes dash mount, user's manual, quick reference card and 6 AAbatteries.	484.85 2.61 1.19	473.19 466.89 460.59

Garmin GPS Street Pilot ColorMap

The Garmin Street Pilot ColorMap GPS combines satellite tracking technology with detailed electronic maps. ColorMap display shows 16 colors on a high resolution backlit LCD 240 x 128 pixel screen. Contains a reference basemap showing interstates, US State highways plus rivers and lakes in the US, Canada, and Mexico. Enter an address and the StreetPilot takes you there. 100 waypoints, 20 reversible routes and external antenna hookup. Optional data cards can be plugged in for street level detail.

488365

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 488365 1 EACH	Garmin Int'l STREETPILOT III 1 Year	The Street Pilot III GPS Deluxe Package includes a high performance 12 parallel channel receiver with portable antenna, ext. speaker with 12V adaptor, PC interface cable, dash mount, 128MB datacard, MapSource City Navigator CD-ROM with Full-coverage and Full-unlock, USB datacard programmer, portable mount, owner's manual and quick reference guide.	1,108.25 1.25 0.57	1,081.60 1,067.20 1,052.80
62435 1 EACH	Garmin Int'l 010-10226-00 1 Year	Must be used with MapSource CD rom. Blank 16MB memory cartridge for StreetPilot and eMap.	58.20 0.1 0.05	56.77 56.02 55.26

Garmin GPS 16

Garmin GPS 16 will deliver the precise position reporting. The GPS sensor has an integrated antenna housed in a rugged, waterproof design.

438326

- WAAS-enabled, 12 parallel channel receiver
- Differential-ready with RTCM-104
- On-board real-time clock
- Water resistant to IPX-7 specifications
- Two RS-232 serial ports
- User-selectable baud rates

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 438326 1 EACH	Garmin Int'l GPS 16-LVS 1 Year	GPS 16 sensor with 15 meters foil-shielded 8-conductor 28 AWG cable and RJ45 connector. Low voltage supply (3.3-6.0 VDC).	155.85 0.45 0.2	152.10 150.08 148.05

Garmin GPS 17N

Garmin GPS 17N, designed primarily for use in marine applications, delivers exceptional accuracy while standing up to the harshest environment.

424363

- WAAS-enabled, 12 parallel channel receiver
- Water-resistant to IPX-7 specifications
- Two RS-232 ports
- Excellent EMI/RFI performance
- User-selectable baud rate

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 424363 1 EACH	Garmin Int'l GPS 17N 1 Year	GPS 17N sensor with 30' foil-shielded 8-conductor 28 AWG cable terminated in loose ends. Low voltage supply (3.3-6.0 VDC).	214.75 1 0.45	209.56 206.77 203.98

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Garmin GPS Accessories

69916 34004 82296 55868

14122 93430

Get the most out or your Garmin GPS with quality accessories.

ntinuing product table (1 of 2)

art No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
63133 EACH	Garmin Int'l 010-00147-00 1 year	Rapid charger. Charges NavTalk GPS unit and spare NiMH battery.	75.45 1 0.45	73.62 72.64 71.66
30132 EACH	Garmin Int'l 010-10206-00 1 Year	PC interface cable with RS232 connector for eMap and eTrex	28.95 0.37 0.17	28.26 27.89 27.51
79131 EACH	Garmin Int'l 010-10203-00 1 year	Cigarette lighter adapter for eMap and eTrex.	30.50 0.1 0.05	29.73 29.34 28.94
69916 EACH	Garmin Int'l 010-10085-00 1 year	Cigarette lighter adapter for GPS II Plus, GPS III, GPS III Plus, GPS 12CX, GPS 12XL, GPS 48, Street Pilot GPS, Street Pilot GPS ColorMap, GPSMAP 76/76S.	17.80 0.1 0.05	17.34 17.11 16.88
34004 EACH	Garmin Int'l 010-10117-01 1 year	Nylon case with zipper for GPS II, III, III Plus, 12, 12CX,12XL, 48, GPSMAP 76/76S , Rino 110, Rino 120 models.	9.70 0.1 0.05	9.44 9.32 9.19
68140 EACH	Garmin Int'l 010-10235-00 1 year	Deluxe leather case for eMap.	13.70 0.1 0.05	13.38 13.20 13.02
NEW 95340 EACH	Garmin Int'l 010-10309-00 1 year	Sturdy holster for eTrex Vista with metal belt clip and Velcro flap closure.	19.40 0.1 0.05	18.93 18.68 18.43
NEW 68315 EACH	Garmin Int'l 010-10255-00 1 year	Adapter connects GPS unit (4-pin) to US, 110VAC. For GPS II Plus, GPS III Plus, GPS 12CX, GPS 12XL, GPS 12MAP, GPS 48, GPSMAP 76/76S.	15.25 1.5 0.68	14.88 14.68 14.48
79038 EACH	Garmin Int'l 010-10277-00 1 year	Y-adapter connects GPS (4-pin) and PC (9-pin D) to US, 110VAC. For the GPS II Plus, GPS III Plus, GPS 12MAP, GPS 12CX, GPS 12XL, GPS 48, GPSMAP 76/76S.	33.95 3.12 1.42	33.11 32.67 32.23
32296 EACH	Garmin Int'l 010-10141-00 1 year	PC interface cable (RS232 serial port connector) for the GPS II Plus, GPS III, GPS III Plus. GPS 12, GPS 12CX. GPS 12XL, GPS 48, Sreet Pilot GPS, Street Pilot GPS ColorMap, GPSMAP 76/76S.	29.05 1 0.45	28.33 27.95 27.57
30689 EACH	Garmin Int'l 010-10165-00 1 year	PC interface cable (RS232 serial port connector) for the GPS II Plus, GPS III, GPS III Plus. GPS 12CX, GPS12XL, GPS 48, Street Pilot GPS, Street Pilot GPS ColorMap, GPSMAP 76/76S. Includes cigarette lighter adapter.	34.30 1 0.45	33.47 33.02 32.58
55868 EACH	Garmin Int'l 010-10142-00 1 year	Data transfer cable (unit to unit) for the GPS II Plus, GPS III, GPS III Plus, GPS 12, GPS 12CX, GPS 12XL, GPS 48, Street Pilot GPS, and Street Pilot GPS Color-Map.	35.80 1 0.45	34.94 34.48 34.01
14105 EACH	Garmin Int'l 010-10231-01 1 year	StreetPilot GPS deluxe case.	24.40 0.5 0.23	23.80 23.48 23.17
83615 EACH	Garmin Int'l 010-10082-00 1 year	Power/data cable (bare wire) for the GPS II Plus, GPS III, GPS III Plus, GPS 12CX, GPS 12XL GPS 48, Street Pilot GPS, Street Pilot GPS ColorMap, GPSMAP 76/76S.	21.30 0.5 0.23	20.80 20.52 20.24
68128 EACH	Garmin Int'l 010-10308-01 1 year	MapSource City Navigator, North America Certificate for unlocking all DCA's	193.95 0.05 0.02	189.27 186.75 184.23
36148 EACH	Garmin Int'l 010-10308-00 1 year	MapSource City Navigator, Single DCA Certificate for unlocking one DCA	96.95 0.05 0.02	94.63 93.37 92.11
NEW 78354 EACH	Garmin Int'l 010-10373-00 1 year	MapSource City Navigator Europe CD-ROM contains detailed maps of Majot matropolitan areas including roadways with navigation features and points of interest. Software automatically creates point-to-point routes in MapSource on the StreetPilot III. Comes with acces to one coverage area.	242.45 0.05 0.02	236.59 233.44 230.29
NEW 49397 EACH	Garmin Int'l 010-10367-00 1 year	MapSource City Navigator Europe certificate for unlocking additional coverage ares.	274.30 0.05 0.02	267.69 264.12 260.56
75175 EACH	Garmin Int'l 010-10332-00 1 year	MapSource City Select, All Regions Certificate for unlocking additional regions. For use with the GPS V.	145.45 0.05 0.02	141.95 140.06 138.17

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 437362 1 EACH	Garmin Int'l 010-10359-00 1 year	MapSource City Select Europe CD-ROM includes major metropolitan areas in 6 regions in Western Europe. Detailed maps contain national, regional, and local road-ways with speed categories and other navigation fea-tures and points of interest. Software will create point-to-point routes in MapSource and on GPS V. Comes with access to one coverage area.	145.45 0.05 0.02	141.95 140.06 138.17
NEW 462362 1 EACH	Garmin Int'l 010-10368-00 1 year	MapSource City Select Europe certificate for unlocking all regions.	145.45 0.05 0.02	141.95 140.06 138.17
NEW 499372 1 EACH	Garmin Int'l 010-10372-00 1 year	GARMIN MapSource European Roads & Recreation CD covers all of Western Europe. Includes major metropol-itan areas, motorways, food & drink, lodging, border crossings, petrol stations, hospitals and shoreline deatil of lakes, rivers, streams and canals. Compatible with GPS III+, GPS 12MAP, NavTalk, and GPSMAP 162/168..	96.95 0.05 0.02	94.63 93.37 92.11
410128 1 EACH	Garmin Int'l 010-10226-02 1 year	64 MB data card for StreetPilot and eMap. Record using USB data card programmer (sku 427181).	116.35 0.5 0.23	113.56 112.05 110.54
449145 1 EACH	Garmin Int'l 010-10226-01 1 year	32 MB data card for StreetPilot and eMap. Record using USB data card programmer (sku 427181).	77.60 0.5 0.23	75.70 74.70 73.69
449167 1 EACH	Garmin Int'l 010-10226-03 1 year	128 MB data card for StreetPilot and eMap. Record using USB data card programmer (sku 427181).	193.95 0.5 0.23	189.27 186.75 184.23
427181 1 EACH	Garmin Int'l 010-00210-00 1 year	USB data card programmer. Programs data cards at high speed using a computer.	77.60 0.5 0.23	75.70 74.70 73.69
14122 1 EACH	Garmin Int'l 010-10111-00 1 year	Horizontal Dash Mount bracket. For the GPSII PLUS, GPSIII and GPSIII PLUS	24.25 0.5 0.23	23.65 23.34 23.02
447188 1 EACH	Garmin Int'l 010-10179-01 1 year	Mounting cradle for NavTalk	7.65 0.75 0.34	7.43 7.33 7.23
93430 1 EACH	Garmin Int'l 010-10195-00 1 year	Bean bag mount for the GPSII PLUS, GPSIII and GPSIII PLUS. No installation required.	13.70 0.5 0.23	13.38 13.20 13.02
411196 1 EACH	Garmin Int'l 010-10305-00 1 year	Automotive mount for GPSMAP 76/76S holds the unit in place on the dash. Tilts and swivels. Accepts external power adapter.	24.25 0.5 0.23	23.65 23.34 23.02
433158 1 EACH	Garmin Int'l 010-10262-00 1 year	Automotive windshield mounting bracket with suction cup mount. For use with eMap.	30.50 0.27 0.12	29.73 29.34 28.94
NEW 444132 1 EACH	Garmin Int'l 010-10274-00 1 year	Automotive mounting bracket with adhesive disks. For use with eTrex series.	24.25 0.5 0.23	23.65 23.34 23.02
464146 1 EACH	Garmin Int'l 010-10306-00 1 year	Portable mount. Requires automotive mounting bracket (sku 65232). For the eMap, eTrex series, StreetPilot III, GPSMAP 76/76S.	26.70 0.5 0.23	26.03 25.68 25.34
NEW 485338 1 EACH	Garmin Int'l 010-10300-00 1 year	Marine mount. For the GPSMAP 76/76S.	24.25 0.5 0.23	23.65 23.34 23.02

GPS Mounting Kits

27168

GPS mounting kit includes Gripmatic holder, swivel base and screws that can be mounted on consoles, floors, below dash or on any flat surface.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
27168 1 EACH	SMC Electromount 1202 1yr	Complete mounting kit for handheld GPS units. Includes Gripmatic holder for up to 2 3/4" wide GPS unit, 4" swivel post, 3" base and screws.	50.55 1 0.45	26.03 25.73 25.27

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Garmin GPS V Deluxe

466366

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **466366** 1 EACH	Garmin Int'l GPS V DELUXE 1 year	GPS V (deluxe package). Incl. receiver, portable antenna, MapSource City Select CD-ROM with full coverage and full-unlock, automotive mount, CLA, PC interface cable, lanyard, user's manual.	526.40 2.12 0.96	513.75 506.91 500.07

Nite Ize Stand -Up Holsters

447350

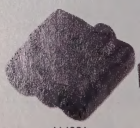
The Stand-Up GPS Holster provides the ultimate in protection and usability for your GPS unit. Durable Ballistic nylon protects from moisture and scratches, and a secure holstering mechanism ensures your phone will never leave your belt unintentionally

- Bendable metal frame creates a hands-free workstation.
- Stretch cords allow the GPS to be attached to the front of the holster, providing a clear view of the screen.
- Elastic sides expand to 3 1/8"W x 5"D x 11/4"D maximum to accomodate various shapes and styles of GPS units.
- Open-ended design for attaching accessories and cables
- Multiple pockets holds pens, tools, flashlights and more

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 447350 1 EACH	Nite Ize SUGPS-07-01 2 years	Stand-Up universal GPS holster	54.00 0.18 0.08	28.07 27.43 26.99

Laser Range Finders [227-15]

Bushnell Laser Range Finders



464081

452357

460011

438078

Bushnell Lazer Rangefinders offer take the guesswork out of measuring distances and deliver superb performance in the field.

- Target Quality indicator on Yardage Pro 500 and 1000
- Class 1 Eyesafe Laser
- Low battery indicator
- Target Modes: Scan, Rain, Zip, and Reflector
- Yardage Pro 500 and 1000 include built in tripod mount and form fitting neoprene case

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Magnification Max Dist (non-reflective) Max Dist (reflective target)	Dimensions Weight (Oz.)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
464081 1 EACH	Bushnell YARDAGE PRO 500 Lifetime	6x 500yds 999yds	2 1/4x5x4 3/4" 13.5	399.95 1 0.45	247.97 243.97 237.97
NEW **410321** 1 EACH	Bushnell YARDAGE PRO SCOUT Lifetime	6x 10 to 700yds 999yds	1-1/2" x 4" x 2-3/4" 6.8	515.95 1 0.45	319.89 314.73 306.99
NEW **452357** 1 EACH	Bushnell YARDAGE PRO SPORT Lifetime	4x 200 yds 800 yds	1-11/16x3-15/16x3-1/8 7.4 Oz	307.95 1 0.45	190.93 187.85 183.23
460011 1 EACH	Bushnell YARDAGE PRO 800 Lifetime	8x 800yds 930yds	2x4 3/4x 3 3/4" 11.5	627.95 1 0.45	389.33 383.05 373.63
438078 1 EACH	Bushnell YARDAGE PRO 1000 Lifetime	6x 1000yds 1500yds	2 1/4x5x4 3/4" 13.5	627.95 1.35 0.61	389.33 383.05 373.63

Optics [227-20]

Bausch & Lomb Discoverer Binoculars

432398

435343

Bausch & Lomb(R) Discoverer(R) binoculars boast the finest fully multi-coated optics and precision parts. Bushnell's exclusive RAINGUARD(R) coating keeps the rain from getting in the way of crisp, clear images. O-ring sealed, nitrogen-purged and rubber armored for water, fog and shock protection. Patented twist-up eye cups for ease of use by eyeglass wearers

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Magnification Objective Field of View	Prism System Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **432398** 1 EACH	Bausch & Lomb 61-0742 Lifetime	7x 42mm 420ft@1000 yds	Roof Prism Waterproof, Fogproof, Center Focus	613.00 2 0.91	380.06 373.93 364.74
NEW **435343** 1 EACH	Bausch & Lomb 61-0142 Lifetime	10x 42mm 341ft @ 1000 yds	Roof Prism Waterproof, Fogproof, Center Focus	682.00 2 0.91	422.84 416.02 405.79

Bushnell PowerView Binoculars

469353

449395

490364

498157

Bushnell Powerview (r) binoculars offer contemporary styling and design with traditional Bushnell quality and durability. Outstanding light transmission through fully-coated optics ensures bright, crisp clear viewing. Standard-size models feature InstaFocus for fast and easy focus on a moving target.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Magnification Objective Field of View	Prism System Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **469353** 1 EACH	Bushnell 13-7307 Lifetime	7x 35mm 487ft @ 1000 Yds	Porro Prism Fold Down Eyecups, Tripod Adapter, Wide Angle	67.95 1.5 0.68	42.13 41.45 40.43
NEW **449395** 1 EACH	Bushnell 13-1056 Lifetime	10x 50mm 341ft @ 1000 yds	Porro Prism Fold Down Eyecups, Tripod Adapter	80.95 2.5 1.14	50.19 49.38 48.17
NEW **490364** 1 EACH	Bushnell 13-1250 Lifetime	12x 50mm 265ft @ 1000 Yds	Porro Prism Fold Down Eyecups, Tripod Adapter	86.95 2.5 1.14	53.91 53.04 51.74
NEW **498157** 1 EACH	Bushnell 13-1650 1 Year	16 X 50mm 182ft at 1000 yds	Porro Prism Includes Tripod Adapter	91.95 0.8 0.36	57.01 56.09 54.71

Bausch & Lomb Legacy Binoculars

418379

460354

444312

The old world craftsmanship and modern styling and optics of the Bausch & Lomb(R) Legacy(R) binoculars create mass appeal. A variety of models provide a binocular for everyone, no matter what your interest or activity. Improved multi-coated optics and BAK-4 prisms produce bright images and high edge sharpness.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Magnification Objective Field of View	Prism System Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **418379** 1 EACH	Bausch & Lomb 12-0824 Lifetime	8x 24mm 350ft @ 1000 Yds	Porro Prism Center Focus, Twist up Eye Cups	271.95 1 0.45	168.61 165.89 161.81
NEW **460354** 1 EACH	Bausch & Lomb 12-0125 Lifetime	10x 24mm 272ft @ 1000 yds	Porro Prism Center Focus, Twist up Eye Cups	93.95 1 0.45	58.25 57.31 55.90
NEW **444312** 1 EACH	Bausch & Lomb 12-0124 Lifetime	10x 25mm 275ft @ 1000 yds	Roof Prism Center Focus, Fold Down Eye Cups	125.95 1 0.45	78.09 76.83 74.94

TESSCO TECHNOLOGIES®

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FAX 410-527-0005
WWW.TESSCO.COM

NEW = New Listing. Pricing for reference only. See TESSCO.com for latest pricing and product
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Bushnell Trophy Binoculars

470366

Bushnell(r) Trophy(r) binoculars feature BAK-4 prisms to allow maximum light transmission and have high contrast, amber multi-coated optics. O-ring sealed and nitrogen-purged for waterproof and fogproof protection. Standard-size models feature long eye relief and twist-up eyecups for eyeglass wearers. Ribbed and grooved dark green rubber armoring ensures a secure grip even while wearing gloves. They'll go anywhere, in any weather, and take loads of punishment along the way.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Magnification Objective Field of View	Prism System Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 470366 EACH	Bausch & Lomb 23-0142 Lifetime	10x 24mm 390ft @ 1000 yds	Roof Prism Center Focus, Fold Downp Eye Cups, Waterproof, Fog proof	284.95 1.5 0.68	176.67 173.82 169.55

Compasses [227-25]

Sum 360LA Survey Master

458065

Brunton professional series SurveyMaster provides optical quality, accuracy for the forester, geologist and engineer. This unit features:

- Lubber line for direct azimuth/bearing readings from the side with accuracy to +/- 2.5 degrees
- Sapphire jewel bearing inside a liquid-dampened vial
- Aluminum inclinometer card with precise scales for increased accuracy
- Sine scales (0-45 degrees)
- Tangent scales (0-45 degrees)
- Inch and millimeter scales (0-5.25" and 0-125mm)
- Aluminum body
- 6.0" x 1.25" x 1.63" / 8 oz

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
458065 EACH	Brunton SUM360LA 1 Year	Survey master Compass	175.00 0.5 0.23	173.25 171.50 166.25

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First Aid Kits [583-05]

Mobile/Outdoor First Aid Kit

North Mobile/Outdoor First Aid Kits are weatherproof and will keep supplies clean and dry. Ideal for construction, utilities, transportation and goverment agencies.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
86434 1 EACH	Wireless Solutions 4T309 30 days	Mobile/Outdoor First Aid Kit. Bandages, antiseptics, wound cleaners, burn treatment. Sturdy steel construction box, weatherproofed.	80.00 3.8 1.73	57.60 56.00 54.40

NORTH SAFETY 10 Person Bulk 1st Aid Kit

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 456371 1 EACH	North Safety Products FAB25P 30 Days	NORTH SAFETY 10 Person Bulk 1st Aid Kit	21.50 4 1.82	17.65 16.52 15.30

NORTH SAFETY Insect Repellent Towlettes

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 466342 50 PACK	North Safety Products 122004-10 30 Days	NORTH SAFETY Insect Repellent 50 pk Towlettes	40.05 1.5 0.68	31.89 29.85 27.65

NORTH SAFETY Snake Bite Kit

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 496370 1 EACH	North Safety Products 12-39-10 30 Days	NORTH SAFETY Snake Bite Kit	16.25 0.1 0.05	13.31 12.46 11.54

NORTH SAFETY Snake Bite Extractor Pump

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 483383 1 EACH	North Safety Products 123924-10 30 Days	NORTH SAFETY Snake Bite Extractor Pump	16.70 0.1 0.05	13.31 12.46 11.54

NORTH SAFETY Ivy Screen Towlettes

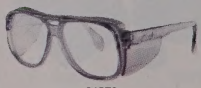
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 449309 50 PACK	North Safety Products 122010-10 30 Days	NORTH SAFETY Ivy Screen 50 pk Towlettes	40.05 1.5 0.68	31.89 29.85 27.65

NORTH SAFETY 25 Person Bulk 1st Aid Kit

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 482339 1 EACH	North Safety Products FAB10P 30 Days	NORTH SAFETY 25 Person Bulk 1st Aid Kit	14.50 1.5 0.68	11.91 11.15 10.33

Eye Protection [583-10]

Protective Glasses



86578

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
86578 1 EACH	Klein Tools, Inc. 60051 30 days	Gray frames with clear lenses	15.40 1 0.45	8.72 7.92 7.70

NEW = New Listing. Pricing for reference only. See TESSCO.com for latest pricing and products

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afety Goggles

35582

rt No. y/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
5582 EACH	Grobet 29.371 90 days	Safety goggles help protect eyes while drilling or working under dash. Ventilated frame w/ clear plastic lens.	4.50 0.26 0.12	4.50 4.17 4.05

DGE Protective Eyewear

488312 484303

rt No. y/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 88312 PACK	North Safety Products T56005B 30 Days	EDGE Protective Eyewear w/ 2 sets of temple ends Clear Lens	6.80 1.4 0.64	5.41 5.06 4.69
NEW 84303 PACK	North Safety Products T56005BS 30 Days	EDGE Protective Eyewear w/ 2 sets of temple ends Smoke Lens	7.35 1.4 0.64	5.84 5.47 5.06
NEW 35310 PACK	North Safety Products T56005BTCG 30 Days	EDGE Protective Eyewear w/ 2 sets of temple ends Indoor/Outdoor	8.00 1.4 0.64	6.92 6.48 6.00

RINCE Fog Free Eyewear

422334

rt No. y/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 22334 PACK	North Safety Products 4015 30 Days	PRINCE Fog Free PVC Eyewear w/neoprene straps Clear	3.65 1.1 0.5	2.89 2.71 2.51

DGE Eyewear Retainer

468300

rt No. y/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 68300 EACH	North Safety Products SS54 30 Days	EDGE Long "Shoestring like" eyewear holder n/a	1.70 1 0.45	1.47 1.38 1.28
NEW 83301 PACK	North Safety Products SS55B 30 Days	EDGE Blue Deluxe eyewear holder Blue	5.00 1 0.45	3.99 3.73 3.46

NORTH SAFETY Lens Cleaning Towlettes

410329

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 410329 100 PACK	North Safety Products T1025T 30 Days	Lens Cleaning Towlettes Box contains 100 Towlettes	13.65 1 0.45	10.88 10.18 9.43

Hearing and Inhalation Protection [583-15]

Hearing Protection

34940

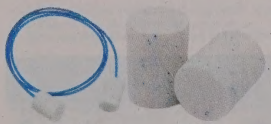
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Type, NRR Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
34940 1 EACH	3M Products 1435	Noise reducing headset	13.70 1 0.45	9.85 9.81 9.75

NORTH SAFETY Deci 4200 Ear Plug

435308 481325

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Type, NRR Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 435308 1 PACK	North Safety Products 284240 30 Days	NORTH SAFETY Deci 4200 Ear Plug Corded 27 NRR	27.85 1.3 0.59	22.19 20.77 19.24
NEW 481325 1 PACK	North Safety Products 284200 30 Days	NORTH SAFETY Deci 4200 Ear Plug Uncorded 31 NRR	25.80 1 0.45	20.57 19.25 17.83

NORTH SAFETY DeciGuard AB Ear Plug



432344 476327

The Only PVC Earplug with Built In Antimicrobial Properties to Protect the product from Degradation from Microorganisms.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Type, NRR Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 432344 1 PACK	North Safety Products 280250 30 Days	NORTH SAFETY DeciGuard AB 29 NRR One Size Fits All	25.80 1.3 0.59	20.57 19.25 17.83
NEW 476327 1 PACK	North Safety Products 280205 30 Days	NORTH SAFETY DeciGuard AB 29 NRR Uncorded	18.00 1 0.45	14.35 13.43 12.44

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NORTH SAFETY Deci Light Band Ear Plug

469396

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Type, NRR Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 469396 100 PACK	North Safety Products 284300 30 Days	NORTH SAFETY Deci 4300 light hearing protector. n/a One Size Fits All	9.50 1 0.45	17.28 16.18 14.99

NORTH SAFETY Mustang Headband Earmuff

412332

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Type, NRR Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 412332 1 EACH	North Safety Products EM4155 30 Days	NORTH SAFETY Mustang Headband Earmuff 23NRR One Size Fits All	11.00 0.3 0.14	8.77 8.21 7.61

NORTH SAFETY Jaguar Headband Earmuff

476323

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Type, NRR Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 476323 1 EACH	North Safety Products EM7195 30 Days	NORTH SAFETY Jaguar Headband Earmuff 29 NRR One Size Fits All	21.05 0.3 0.14	16.76 15.69 14.53

NORTH SAFETY Phantom Neck Band Earmuff

412311

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Type, NRR Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 412311 1 EACH	North Safety Products EM2261 30 Days	NORTH SAFETY Phantom Neck Band Earmuff 21 NRR One Size Fits All	18.40 0.3 0.14	14.65 13.72 12.71

NORTH SAFETY Phantom Cap Mounted Earmuff

476312

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Type, NRR Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 476312 1 EACH	North Safety Products EM2266 30 Days	NORTH SAFETY Phantom Cap Mounted Earmuff 21 NRR One Size Fits All	22.90 0.3 0.14	18.26 17.09 15.83

NORTH SAFETY Intruder Cap Mount Earmuff

430357

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Type, NRR Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 430357 1 EACH	North Safety Products EM7209 30 Days	Intruder Cap Mount Earmuff for Full Brim hard hat 27 NRR One Size Fits All	31.55 0.3 0.14	25.14 23.53 21.80

NORTH SAFETY Mustang Cap Mount Earmuff

412357

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Type, NRR Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 412357 1 EACH	North Safety Products EM4157 30 Days	NORTH SAFETY Mustang Cap Mount Earmuff 20NRR One Size Fits All	15.75 0.3 0.14	12.55 11.75 10.88

Body Protection Gear [583-20]

Full Body Harnesses

61645

DBI/SALA Vest Style Full Body Harnesses are lightweight and easy to don, making it one of the most popular harnesses used for fall protection and restraint in any industry. The patent pending Delta No-Tangle design holds the shape of the harness for added comfort and easy donning. Polyester webbing construction and coated hardware for corrosion resistance. Manufactured to meet or exceed ANSI A10.14-1991, ANSI Z359.1-1992 & OSHA requirements.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
61645 1 EACH	DBI/SALA 1102001 1 Year	1 D-Ring Vest Style Harness with back D-ring, adjustable non-slip chest strap with pass thru buckle, parachute buckles on lower shoulder and leg straps. Universal Size.	71.70 3.25 1.48	71.70 69.55 68.12
88801 1 EACH	DBI/SALA 1105403 1 Year	5 D-Ring Vest Style Harness with back D-ring, two side D-rings, two shoulder retrieval D-rings, adjustable non-slip chest strap with pass thru buckle and parachute buckles on lower shoulder and leg straps. Universal Size.	94.75 3.9 1.77	94.75 91.91 90.02

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Tower Climbing Full Body Harness

DBI/SALA Vest Style Tower Climbing Full Body Harness. With the addition of a body belt and pad with side D-rings and the fatigue reducing seat sling, this harness is ideal for applications where fall protection and positioning is needed. Features patent pending Delta No-Tangle design for added comfort and easy donning. Polyester webbing construction and coated hardware for corrosion resistance. Meets or exceeds all OSHA and ANSI applicable regulations.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
20335 EACH	DBI/SALA 1103852 1 Year	7 D-Ring Vest Style Tower Climbing Harness with back D-ring, tongue buckle body belt with foam back pad and side D-Rings, seat sling with positioning D-rings and two tool D-rings. Medium Size.	180.50 8 3.64	180.50 175.09 171.48
58728 EACH	DBI/SALA 1103850 1 Year	7 D-Ring Vest Style Tower Climbing Harness with back D-ring, tongue buckle body belt with foam back pad and side D-Rings, seat sling with positioning D-rings and two tool D-rings. Large Size.	180.50 8 3.64	180.50 175.09 171.48

EXOFIT Tower Climbing Harnesses

66147

EXOFIT harness is the first of a new generation of harness constructed of high performance material used in mountaineering, scuba & sky diving and the military.

Uses a breathable lining that immediately draws moisture away from the body.
Built-in shoulder, hip and leg padding that always stays in place.
Lycra edging moves with the climber, preventing rubbing and chafing.
One-handed quick connect buckles make putting on, adjusting and removing the harness a snap and provides a memory fit.

- Wrap around no-tangle design slips on like a vest., making it quicker and easier to put on.
- Back ring for fall protection, front rings for ladder climbing/positioning and side D-rings for work positioning.
- Adjustable non-slip chest strap with quick connect buckle
- Built-in belt loops to support tool belt

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 66147 EACH	DBI/SALA 1108650 1 Year	Vest style harness with front and back D rings, belt with back pad and side D rings. Seat sling with positioning D rings and quick connect buckles. Small size, up to 160 Lbs.	325.00 8 3.64	325.00 315.25 308.75
NEW 78170 EACH	DBI/SALA 1108651 1 Year	Vest style harness with front and back D rings, belt with back pad and side D rings. Seat sling with positioning D rings and quick connect buckles. Medium size, up to 230 Lbs.	325.00 10 4.54	325.00 315.25 308.75
NEW 45196 EACH	DBI/SALA 1108652 1 Year	Vest style harness with front and back D rings, belt with back pad and side D rings. Seat sling with positioning D rings and quick connect buckles. Large size, up to 310 Lbs.	325.00 12 5.45	325.00 315.25 308.75
NEW 89199 EACH	DBI/SALA 1108625 1 Year	Vest style harness with front and back D rings, belt with back pad. No side D rings. Seat sling with positioning D rings and quick connect buckles. Small size, up to 160 Lbs.	315.00 8 3.64	315.00 305.55 299.25
NEW 84123 EACH	DBI/SALA 1108626 1 Year	Vest style harness with front and back D rings, belt with back pad. No side D rings. Seat sling with positioning D rings and quick connect buckles. Medium size, up to 230 Lbs.	315.00 10 4.54	315.00 305.55 299.25
NEW 88172 EACH	DBI/SALA 1108627 1 Year	Vest style harness with front and back D rings, belt with back pad. No side D rings. Seat sling with positioning D rings and quick connect buckles. Large size, up to 310 Lbs.	315.00 12 5.45	315.00 305.55 299.25

Freedom Series Full Body Harness

34556

Freedom Series Full Body Harnesses unique design allows virtually unlimited freedom of movement and have and a very high strength to weight ratio. Freedom Harnesses are lightweight, made of polyester webbing for all day comfort and meet all existing and proposed ANSI and OSHA standards for fall protection.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
34556 1 EACH	Elk River, Inc. 55102 30 Days	1 D-Ring Freedom Harness with sliding D-ring at center of back and parachute mating buckles on leg straps. Size S-L.	82.00 1.15 0.52	63.55 61.50 58.22
20093 1 EACH	Elk River, Inc. 55104 30 Days	1 D-Ring Freedom Harness with sliding D-ring at center of back and parachute mating buckles on leg straps. Size L-XL.	82.00 2.1 0.95	63.55 61.50 58.22

The TowerMate Full Body harness

95630

The TowerMate is a Freedom Style Full Body Harness that can provide 100% tie off capability when used in conjunction with a climbing system, rail or cable or anywhere a chest high front D-ring is required. With this unique design climbers can open the front of the harness for easy on and off . Made of lightweight polyester. Allows for unrestricted movement and complies with OSHA and ANSI requirements.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
95630 1 EACH	Elk River, Inc. 56202 30 Days	2 D-Ring TowerMate Harness with sliding D-ring at center of back, chest high front D-ring and parachute mating buckles on the leg straps. Size S-L.	91.10 3 1.36	70.59 68.31 64.67
17595 1 EACH	Elk River, Inc. 56204 30 Days	2 D-Ring TowerMate Harness with sliding D-ring at center of back, chest high front D-ring and parachute mating buckles on the leg straps. Size L-XL.	91.10 3.8 1.73	70.59 68.31 64.67
94381 1 EACH	Elk River, Inc. 56402 30 Days	4 D-Ring TowerMate Harness with sliding D-ring at center of back, chest high front D-ring, D-ring on each hip and parachute mating buckles on the leg straps. Size S-L.	110.20 3.8 1.73	85.38 82.62 78.22
15097 1 EACH	Elk River, Inc. 56404 30 Days	4 D-Ring TowerMate Harness with sliding D-ring at center of back, chest high front D-ring, D-ring on each hip arid parachute mating buckles on the leg straps. Size L-XL.	110.20 3.75 1.7	85.38 82.62 78.22

The WorkMaster Full Body Harness

34590

The WorkMaster Full Body Harness sets the standard for safety, comfort & productivity in Tower work applications. Made from heavy duty nylon and lightweight polyester for increased strength without sacrificing comfort these harnesses provide unresticted movement, have an excellent strength to weight ratio and are completely fall rated with or without the removable tool belt. Meets all OSHA and ANSI applicable regulations.

- 5 D-Ring harness with sliding D-ring center of back
- D Ring on each shoulder strap, seat strap
- Parachute mating buckles om chest and shoulders
- Drop forged tongue buckles on leg straps
- Removable tool belt
- 4" wide back pad and shoulder straps

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
34590 1 EACH	Elk River, Inc. 75501 30 Days	WorkMaster Harness Small	190.50 6 2.73	147.64 142.88 135.26
72983 1 EACH	Elk River, Inc. 75502 30 Days	WorkMaster Harness Medium	190.50 6 2.73	147.64 142.88 135.26
21376 1 EACH	Elk River, Inc. 75503 30 Days	WorkMaster Harness Large	190.50 6 2.73	147.64 142.88 135.26
59769 1 EACH	Elk River, Inc. 75504 30 Days	WorkMaster Harness X-Large	200.10 6 2.73	155.07 150.06 142.06

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The SaddleMaster Full Body Harness

91883

The SaddleMaster Full Body Harnesses include all the standard benefits of the Master Series. The 4" wide seat strap provides greater comfort during positioning or suspension tasks. Made from heavy duty nylon and lightweight polyester for increased strength without sacrificing comfort these harnesses provide unrestricted movement, have an excellent strength to weight ratio and are completely fall rated with or without the removable tool belt. Meets all OSHA and ANSI applicable regulations.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
91883 1 EACH	Elk River, Inc. 76301 30 Days	3 D-Ring SaddleMaster Harness with sliding D-Ring at center of back, D-ring at each end of seat strap, parachute mating buckles on chest and shoulders, tongue buckles on leg straps, shoulder pads, removable tool belt, 4" wide back pad and 4" wide seat strap. Size Small.	204.60 6 2.73	158.57 153.45 145.27
78669 1 EACH	Elk River, Inc. 76302 30 Days	3 D-Ring SaddleMaster Harness with sliding D-Ring at center of back, D-ring at each end of seat strap, parachute mating buckles on chest and shoulders, tongue buckles on leg straps, shoulder pads, removable tool belt, 4" wide back pad and 4" wide seat strap. Size Medium.	204.60 5.22 2.37	158.57 153.45 145.27
27062 1 EACH	Elk River, Inc. 76303 30 Days	3 D-Ring SaddleMaster Harness with sliding D-Ring at center of back, D-ring at each end of seat strap, parachute mating buckles on chest and shoulders, tongue buckles on leg straps, shoulder pads, removable tool belt, 4" wide back pad and 4" wide seat strap. Size Large.	204.60 6 2.73	158.57 153.45 145.27
65455 1 EACH	Elk River, Inc. 76304 30 Days	3 D-Ring SaddleMaster Harness with sliding D-Ring at center of back, D-ring at each end of seat strap, parachute mating buckles on chest and shoulders, tongue buckles on leg straps, shoulder pads, removable tool belt, 4" wide back pad and 4" wide seat strap. Size X Large.	214.90 6 2.73	166.55 161.18 152.58

Full Body Harness

66723 66725 52682

Eagle Tower LE Tower Saddle Full Body Harnesses provide unexcelled comfort for all day wear, maximum safety and increased productivity. Made from heavy duty nylon and lightweight polyester for increased strength these harnesses provide unrestricted movement, have an excellent strength to weight ratio and are completely fall rated with or without the removable tool belt. Features a removable tool belt, 5" padded back pad with 2 accessory rings attached to center and carry all bag. Meets all OSHA and ANSI applicable regulations.

• Eagle Harnesses are the Preferred Harness by Professional Tower Climbers

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
66723 1 EACH	Elk River, Inc. 66612 30 Days	6 D-Ring Eagle LE Saddle Harness with sliding D-Ring at center of back, chest high front D-ring, D-ring on each hip and D-ring on each end of seat strap. Black 1-3/4" nylon leg straps, Red 1-3/4" polyester shoulder straps, shoulder pads, tongue buckles on leg straps and 2 accessory rings attached to center of 5" padded back pad. Features removable tool belt and carry all bag. Medium	299.60 5.1 2.32	232.19 224.70 212.72
66725 1 EACH	Elk River, Inc. 66613 30 Days	6 D-Ring Eagle LE Saddle Harness with sliding D-Ring at center of back, chest high front D-ring, D-ring on each hip and D-ring on each end of seat strap. Black 1-3/4" nylon leg straps, Red 1-3/4" polyester shoulder straps, shoulder pads, tongue buckles on leg straps and 2 accessory rings attached to center of 5" padded back pad. Features removable tool belt and carry all bag. Large	299.60 5.1 2.32	232.19 224.70 212.72
27503 1 EACH	Trylon 4.96.0102.000 30 Days	Size small. 32" to 40" waist.	140.00 6 2.73	128.80 123.20 119.00
65896 1 EACH	Trylon 4.96.0103.000 30 Days	Size medium. 36" to 44" waist.	140.00 5 2.27	128.80 123.20 119.00
14289 1 EACH	Trylon 4.96.0104.000 30 Days	Size large. 36" to 44" waist.	140.00 6 2.73	128.80 123.20 119.00
52682 1 EACH	Trylon 4.96.0105.000 30 Days	Size extra large. 44" to 52" waist.	140.00 6 2.73	128.80 123.20 119.00
NEW **66722** 1 EACH	Elk River, Inc. 66611	Small	299.60 5.1 2.32	232.19 224.70 212.72

Cross-Over Style Harnesses.

40395 82658 70667

DBI/SALA Construction Cross-Over Style Full Body Harnesses are designed for comfort and easy use, the absence of a chest strap and waist belt provides maximum freedom of movement while still providing connecting points for your fall arrest, restraint, work positioning or rescue system. The patent pending Delta No-Tangle design holds the shape of the harness for added comfort and easy donning. Polyester webbing construction and coated hardware for corrosion resistance. Meets or exceeds all OSHA and ANSI applicable regulations.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
40395 1 EACH	DBI/SALA 1101809 1 Year	4 D-Ring Construction Cross Over Style Harness with tongue buckle body belt with foam back pad & side D-rings, adjustable front D-ring, back D-ring, parachute buckles on lower shoulder straps and pass thru buckle leg straps. Size Small.	138.95 4.5 2.05	138.95 134.79 132.01
NEW **414357** 1 EACH	DBI/SALA 1101811 1 Year	4 D-Ring Construction Cross Over Style Harness with tongue buckle body belt with foam back pad & side D-rings, adjustable front D-ring, back D-ring, parachute buckles on lower shoulder straps and pass thru buckle leg straps. Size Large.	138.95 4.5 2.05	138.95 134.79 132.01
NEW **457378** 1 EACH	DBI/SALA 1101812 1 Year	4 D-Ring Construction Cross Over Style Harness with tongue buckle body belt with foam back pad & side D-rings, adjustable front D-ring, back D-ring, parachute buckles on lower shoulder straps and pass thru buckle leg straps. Size Extra Large.	145.90 4.5 2.05	145.90 141.53 138.61
82658 1 EACH	DBI/SALA 1103510 1 Year	4 D-Ring Construction Cross Over Style Harness with built in belt loops, adjustable front D-ring, back D-ring, side D-rings, parachute buckles on lower shoulder straps and pass thru buckle leg straps. Size Small.	92.00 3.2 1.45	92.00 89.24 87.40
70667 1 EACH	DBI/SALA 1102010 1 Year	2 D-Ring Cross Over Style Harness with adjustable front D-ring, back D-ring, pass thru buckle leg straps and parachute buckles on lower shoulder straps. Universal Size.	80.60 3 1.36	80.60 78.19 76.57

Universal Full Body Harness

470131 474174 435375

The Universal Full Body Harness is designed to fit most workers in the range of 130 to 310 pounds while allowing unrestricted movement for all day working comfort. Full strength chest strap increases reliability and safety while the seat strap provides maximum support. This versatile harness features spring loaded adjustment buckles on the shoulder straps for easy adjustment and a comfortable custom fit. Meets all OSHA and ANSI applicable regulations.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
470131 1 EACH	Elk River, Inc. 42109 30 Days	1 D-Ring Universal Harness with sliding D-Ring at center of back and parachute mating buckles on leg straps.	90.00 5 2.27	69.75 67.50 63.90
474174 1 EACH	Elk River, Inc. 42309 30 Days	3 D-Ring Universal Harness with sliding D-Ring at center of back, D-ring on each hip and parachute mating buckles on leg straps.	102.00 5 2.27	79.05 76.50 72.42
NEW **435375** 1 EACH	Elk River, Inc. 42359 30 Days	3 D-Ring Universal Harness with sliding D-Ring at center of back, D-ring on each hip and tounge buckles on leg straps.	108.00 3.3 1.5	83.70 81.00 76.68

ConstructionPlus Harness

421123 455126

The ConstructionPlus Harness was developed with both quality and economy in mind. This "one size fits most" harness provides fall protection, durability and comfort at an economical price while also reducing your inventory requirements. Full strength chest strap increases reliability and safety while the seat strap provides maximum support. Meets all OSHA and ANSI applicable regulations.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
421123 1 EACH	Elk River, Inc. 48103 30 Days	1 D-Ring ConstructionPlus Harness with sliding D-Ring at center of back and parachute mating buckles on leg straps. One size fits most workers.	56.00 3 1.36	43.40 42.00 39.76

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tinuing product table (2 of 2)

rt No. y/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
55126 EACH	Elk River, Inc. 48303 30 Days	3 D-Ring ConstructionPlus Harness with sliding D-Ring at center of back, D-ring on each hip and parachute mating buckles on leg straps. One size fits most workers.	72.00 3 1.36	55.80 54.00 51.12

LEIN Full Tower Fall-Arrest Harness

446361 496334

KLEIN's Vest Style Full Body Heavy-Duty Tower Fall-Arrest/Positioning and Fall-Arrest/Retrieval Harnesses feature durable 1-3/4" Type-19, or equivalent, nylon webbing harness construction, proof-loaded, drop-forged circle D-ring with roller Fall-arrest and Positioning D-rings

ll-Arrest/Positioning models have Positioning D ngs

• Fall-Arrest/Retrieval units have parachute type retrieval D Rings

rt No. y/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 46361 EACH	Klein Tools, Inc. 87080 Lifetime	Full Body Fall-Arrest/Positioning Harness. Medium (Waist Size 36" to 44").	256.90 6.2 2.82	145.45 131.99 128.43
NEW 48391 EACH	Klein Tools, Inc. 87081 Lifetime	Full Body Fall-Arrest/Positioning Harness. Large (Waist Size 40" to 48").	256.90 6.4 2.91	145.45 131.99 128.43
NEW 13392 EACH	Klein Tools, Inc. 87082 Lifetime	Full Body Fall-Arrest/Positioning Harness. Extra Large (Waist Size 44" to 52").	259.20 6.5 2.95	146.77 133.19 129.60
NEW 96334 EACH	Klein Tools, Inc. 87090 Lifetime	Full Body Fall-Arrest/Retrieval Harness. Medium (Waist Size 36" to 44").	282.10 6.2 2.82	159.72 144.94 141.03
NEW 97373 EACH	Klein Tools, Inc. 87091 Lifetime	Full Body Fall-Arrest/Retrieval Harness. Large (Waist Size 40" to 48").	282.10 6.3 2.86	159.72 144.94 141.03
NEW 65372 EACH	Klein Tools, Inc. 87092 Lifetime	Full Body Fall-Arrest/Retrieval Harness. Extra Large (Waist Size 44" to 52").	284.55 6.3 2.86	161.12 146.21 142.27

LEIN Fall-Arrest/Suspension Bosun Chair

466388

rt No. y/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 66388 EACH	Klein Tools, Inc. 87044 Lifetime	KLEIN Fall-Arrest/Suspension Harness with Bosun Chair. Medium	432.30 13.6 6.18	244.77 222.13 216.13

Veb Rebar Assembly.

DBI/SALA web rebar lanyards are designed for work where personnel need to position or restrain themselves and perform work, such as rebar tieing. The lanyards are available in many styles and meet OSHA and ANSI A10.14- 1999 (Type II) requirments for positioning/restraint type lanyards.

rt No. y/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
7426 EACH	DBI/SALA 1201531 1 Year	Web Rebar Assembly with self locking snap hooks at each end and 2" opening carabiner with swivel in the center. 21-1-2" long.	94.90 3.75 1.7	94.90 92.06 90.16
9776 EACH	DBI/SALA 1201520 1 Year	Web Rebar Assembly with self locking snap hooks at each end and a 2-1/4" opening hook with swivel in the center. 21-1/2" long.	92.60 3.2 1.45	92.60 89.83 87.97

Web Type Self Retracting Lifelines

56873

DBI/SALA Ultra-Lok Web Type Self Retracting lifelines retract back into the block as the worker moves toward the unit and pulls out as the worker moves away. The sudden jerk of a fall activates the braking mechanism and the worker is brought to a stop. Includes safety features such as a swiveling anchorage loop to prevent twisting of lifeline, a reserve lifeline retention system and self locking swivel snap hook with impact indicator. Polyurethane housing for durability and 1" wide nylon webbing lifeline for reduced weight. Meets or exceeds all OSHA and ANSI applicable regulations.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
56873 1 FOOT	DBI/SALA 3103108 1 Year	11' Nylon Web Self Retracting Lifeline.	335.60 5 2.27	335.60 325.54 318.82
87799 1 FOOT	DBI/SALA 3103208 1 Year	20' Nylon Web Self Retracting Lifeline.	458.00 6 2.73	458.00 444.26 435.10

Self Retracting Lifelines

29196

DBI/SALA Steel Cable Self Retracting Lifelines retract into the block as the worker moves toward the unit and pulls out as the worker moves away. The sudden jerk of a fall activates the bracking mechanism and the worker is brought to a stop. Includes safety features such as a swiveling anchorage loop to prevent twisting of lifeline, a reserve lifeline retention system and self locking swivel snap hook with impact indicator. Polyurethane housing and 3/16" galvanized steel wire rope for drability. Meets or exceeds all OSHA and ANSI applicable regulations.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
29196 1 FOOT	DBI/SALA 3504430 1 Year	30' Galvanized Steel Wire Rope Self Retracting Lifeline.	660.00 11 5	660.00 640.20 627.00
67589 1 FOOT	DBI/SALA 3504450 1 Year	50' Galvanized Steel Wire Rope Self Retracting Lifeline.	800.00 15 6.82	800.00 776.00 760.00

Rescue Positioning Device

29721

DBI/SALA Rescue Positioning Device use for suspension, positioning and rescue. Complete basic system includes the following items: Rescue Repositioning Device, connecting sling, rescue sling, pulley, 2 carabiners, carrying bag and instruction manual. Order rope separately. Meets or exceeds all OSHA and ANSI applicable regulations.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
29721 1 EACH	DBI/SALA 3600000 1 Year	Rescue Positioning Device kit with a 3:1 gear ratio.	1,187.70 6 2.73	1,187.70 1,152.07 1,128.32
83496 1 EACH	DBI/SALA 3602000 1 Year	Rescue Positioning Device kit with a 4:1 gear ratio, making rasing and lowering easier.	1,213.70 6 2.73	1,213.70 1,177.29 1,153.02

Lifelines

70693

DBI/SALA polyester/polypropylene blend Rope Lifeline Assembly. Self-locking snap hook at one end for easy connection to the anchorage and taped at the other end. Meets or exceeds all OSHA and ANSI applicable regulations.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
70693 1 EACH	DBI/SALA 1202844 1 Year	100' fixed lifeline.	82.20 9.6 4.36	82.20 79.74 78.09

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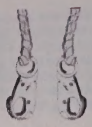
Lifelines



Lifelines are made of 5/8" nylon rope. They have a 3/4" throat opening double-locking snaphook on each end. Longer lengths can be used as life lines with 5/8" rope grab. Meets all OSHA and ANSI applicable regulations.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **456312** 1 EACH	Elk River, Inc. 34025 30 Days	Rope Lifeline with 5/8" diameter nylon rope and 3/4" throat opening double-locking snaphook on each end. 25' in length.	92.20 3.8 1.73	71.46 69.15 65.47
24564 1 EACH	Elk River, Inc. 34050 30 Days	Rope Lifeline with 5/8" diameter nylon rope and 3/4" throat opening double-locking snaphook on each end. 50' in length.	137.30 7.6 3.45	106.39 102.96 97.47

Retractable Lanyards

36529

Retractable Lanyards feature internal sealed spring mechanism designed to pay out and retrieve line as the worker moves around. An inertial disc brake system is activated by a sudden downward movement of the line. An energy absorber is built into the bracking system, which will stop a fall in less than one foot. All Retractable Lanyards require Carabiners and have a safe workload of 350 pounds total weight. Meets all OSHA and ANSI applicable regulations. *ALL UNITS REQUIRE ANNUAL FACTORY RE-CERTIFICATION.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36529 1 EACH	Elk River, Inc. 21225 30 Days	Retractable Lanyard with 1" nylon webbing and 3/4" throat opening Fall Indicator locking swivel snaphook. 25' in length.	943.10 11.35 5.16	730.91 707.33 669.61
NEW **495390** 1 EACH	Elk River, Inc. 21403 30 Days	Retractable Lanyard with aluminum housing, 3/16" galvanized aircraft cable and 3/4" throat opening Fall Indicator locking swivel snaphook. 50' in length.	880.00 29.15 13.25	682.00 660.00 624.80

Tie-Off Slings

45996

The EZE-MAN Tie-Off Sling is an anchorage connector for use around large I-beams, pipes or other horizontal structures to make a safe tie-off point. The structure member must be able to support 5000 pounds for each worker anchored to it. Meets all OSHA and ANSI applicable regulations.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
45996 1 EACH	Elk River, Inc. 26794 30 Days	EZE-MAN Tie-Off Sling. 1-3/4" polyester webbing with a 3" polyester wear pad, 2-3/16" inside diameter D-ring on one end and reinforced eye on other end. 4' in length.	43.55 1.5 0.68	33.75 32.66 30.92

Rebar Web Assemblies

66264

Rebar Web Assemblies are designed for work (when used in conjunction with a belt or harness) where personnel need to position or restrain themselves and perform work, such as rebar tieing. The lanyards are available in many styles and meet OSHA and ANSI A10.14- 1999 (Type II) requirments for positioning/restraint type lanyards.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **461171** 1 EACH	Elk River, Inc. 13400 30 Days	Tower Positioning Kit is a worker positiong device to connect a worker's full body harness to an approved anchorage device on the tower for 100% tie-off and provide free-use of hand for mobility to work.	170.00 3 1.36	131.75 127.50 120.70
66264 1 EACH	Elk River, Inc. 29741 30 Days	Rebar Web Assembly. 1" nylon webbing, fixed 3/4" throat opening Centurion auto lock snaphook on each end and sliding 2-1/2" throat opening Centurion auto lock rebar hook. 18" in length.	113.70 3.54 1.61	88.11 85.26 80.72

Rope Lanyards

496380

Rope Lanyards function as the connection between the harness and an anchorage point which should be at least shoulder height. Made from very durable nylon rope. Meets all OSHA and ANSI applicable regulations.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **496380** 1 EACH	Elk River, Inc. 34406 30 Days	Adjustable Rope Positioning Lanyard. 5/8" nylon rope, quick adjust rope grab (that requires Sku 463359 sold separate) on one end and 3/4" throat opening Centurion auto-lock snaphook on other end. 6' in length.	145.90 2.5 1.14	113.08 109.43 103.59

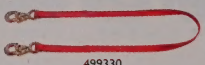
KLEIN Nylon-Filament Rope Lanyard

424329 496396

KLEIN Fixed Length Nylon-Filament Rope Lanyard for positioning, suspension or retrieval systems. Can also be used with a deceleration unit for fall-arrest. Features long-stranded nylon-filament construction. Two drop-forged steel locking snap-hooks with 11/16" Throat opening on each end.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **424329** 1 EACH	Klein Tools, Inc. 87435 Lifetime	Nylon-Filament Rope Lanyard - Fixed Length 5/8" diameter - 4' length.	85.40 1.9 0.86	48.35 43.88 42.70
NEW **446363** 1 EACH	Klein Tools, Inc. 87436 Lifetime	Nylon-Filament Rope Lanyard - Fixed Length 5/8" diameter - 5' length.	88.45 2.2 1	50.07 45.44 44.21
NEW **456364** 1 EACH	Klein Tools, Inc. 87437 Lifetime	Nylon-Filament Rope Lanyard - Fixed Length. 5/8" diameter - 6' length.	90.35 2.1 0.95	51.16 46.43 45.17
NEW **496396** 1 EACH	Klein Tools, Inc. 87430 Lifetime	Nylon-Filament Rope Lanyard-Adjustable Length 5/8" diameter - 4' - 6' length	92.75 2.3 1.05	52.51 47.65 46.37

KLEIN Nylon-Webbing Lanyard, Adj



499330

KLEIN Nylon-Webbing Lanyard - Fixed Length. 1" Wide. 6' length. Orange. For Fall Arrest, always use with Decelaration Unit

- For Fall Arrest- Use with a Deceleration unit!

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **499330** 1 EACH	Klein Tools, Inc. 87431 Lifetime	Nylon-Webbing Lanyard - Fixed Length. Orange 1" Wide. 5' length	77.60 1.65 0.75	43.93 39.86 38.79
NEW **493367** 1 EACH	Klein Tools, Inc. 87432 Lifetime	Nylon-Webbing Lanyard - Fixed Length. Orange 1" Wide. 6' length	79.15 1.7 0.77	44.81 40.66 39.57

Nylon Safety Strap

69555

Made of high tenacity continuous filament nylon fabric. Impregnated with neoprene to provide the desired flexability and strength. The strap is 5ft long.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
69555 1 EACH	Rohn Tower ETSTRAP 1 Year	Nylon Safety strap.	135.00 3.2 1.45	114.7 110.7 105.3

NEW = New Listing. Pricing for reference on
See TESSCO.com for latest pricing and produ

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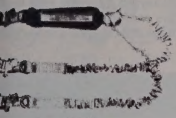
Safety Strap

59696

The T.J. Safety strap attaches to your Tower Jack or Leg Aligner and clips to your climbing belt to avoid dropping of tools. Helps make safe climbing easier.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
59696 EACH	Tower Jack TOWER STRAP 1 Year	Tower Strap Use with 75734 and 34517 consists of carabiner and hook with strapping.	13.05 2.48 1.13	11.10 10.51 10.44

SHOCKWAVE Landyards



68169

DBI/SALA EZ STOP II SHOCKWAVE shock absorbing lanyard. 100% Tie-Off with internal elastic band. Expands to 6ft when taut and contracts down to 4-1/2 ft. keeping it out of the workers way. Complete with self-locking snap hook at one end and two hooks at the leg ends, 6 feet long. Meets or exceeds all OSHA and ANSI applicable regulations.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
68169 EACH	DBI/SALA 1221008 1 Year	SHOCKWAVE Lanyard with large aluminum snap hooks, 2-1/4" opening, self-locking/closing gate.	158.75 5 2.27	158.72 153.96 150.79

EZ Stop II Lanyard.

19086

DBI/SALA EZ STOP II Soft Cover Shock Absorbing Lanyard with a soft cover shock absorber for comfort and user friendly self locking snap hooks at each end that allow you to open and close the hook with gloves on. EZ STOP II Lanyards utilize a control tearing action when subjected to fall arrest forces, limiting arresting forces to no more than 900 lbs. Meets or exceeds all OSHA and ANSI applicable regulations.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
19086 EACH	DBI/SALA 1220006 1 Year	EZ Stop II (Soft Cover) Lanyard with self locking snap hooks at both ends. 1" polyester webbing. 6' in length.	57.95 2.56 1.16	57.95 56.22 55.06

EZSTOP III Lanyard

70282

EZ STOP III Soft Cover Shock Absorbing Lanyards utilize a stretching action (instead of a tearing action) when subjected to fall arrest forces, limiting arresting forces to 900 lbs or less. Just like the EZ Stop II Lanyards, the EZ STOP III Lanyards have a soft cover shock absorber for comfort and user friendly self locking snap hooks at each end that allow you to open and close the hook with gloves on. Meets or exceeds all OSHA and ANSI applicable regulations.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
70282 EACH	DBI/SALA 1224006 1 Year	EZSTOP III (Soft Cover) Lanyard with self locking snaphooks at both ends. 1-3/8" tubular web jacket with polyester core. 6' in length.	52.30 2.2 1	52.30 50.74 49.69

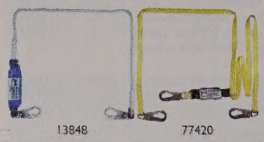
EZ Stop II Tie-Back Lanyard

15982

DBI/SALA EZ STOP II Tie-Back Shock Absorbing Lanyard with a floating D-Ring that provides adjustable tie back point so the lanyard can be choked off to itself. These lanyards have the same features as other EZ STOP II Lanyards such as a soft cover shock absorber for comfort and user friendly self locking snap hooks at each end that allow you to open and close the hook with gloves on. Utilize's a control tearing action when subjected to fall arrest forces, limiting arresting forces to 900 lbs or less. Meets or exceeds all OSHA and ANSI applicable regulations.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
15982 1 EACH	DBI/SALA 1221106 1 Year	EZSTOP II Tie-Back Lanyard with a floating D-ring (lanyard can be choked off) and self locking snaphooks at both ends. 1" polyester webbing with abrasion resistant tubular wear layer webbing. 6' in length.	79.45 3 1.36	79.45 77.07 75.48

Zorber Shock Absorbing Lanyard.

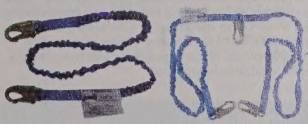


13848 77420

The Zorber absorbs energy by means of a contolled destruction. Two layers of nylon are woven together in a prescribed manner. A force of 450 to 475 pounds is required to initiate tearing. The Zorber will elongate 42 inches. In testing a 220 pound weight, and a free fall of six feet, the maximum arresting force is 875 lbs. Meets all OSHA and ANSI applicable regulations.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
80316 1 EACH	Elk River, Inc. 27123 30 Days	Zorber Shock Absorbing Rope Lanyard. 1/2" nylon rope with 3/4" throat opening double locking snap hook on each end. 3' in length.	65.30 2 0.91	50.60 48.96 46.35
13848 1 EACH	Elk River, Inc. 27126 30 Days	Zorber Shock Absorbing Rope Lanyard. 1/2" nylon rope with 3/4" throat opening double locking snap hook on each end. 6' in length.	67.70 2.1 0.95	52.46 50.76 48.06
77420 1 EACH	Elk River, Inc. 27236 30 Days	Zorber Twin Leg Shock Absorbing Web Lanyard. 1" nylon webbing with 3/4" throat opening double locking snap hook at Zorber end and on each leg. 6' in length.	91.90 2.1 0.95	71.23 68.93 65.25

No Pac Shock-Absorbing Lanyards



426040 460193

The NoPac Shock Absorbing Lanyard is a two-part shock absorbing lanyard that eliminates the traditional shock-absorber pack. The shock absorbing material is covered with a full strength outer sheath that acts as a backup lanyard. An impact indicator is included to alert the user if the unit has been impacted by a fall arrest. A force of approximately 450 pounds is required to initiate tearing. The Zorber will elongate 42 inches. In testing a 220 pound weight, and a free fall of six feet, the maximum arresting force is less than 900 pounds. Polyester construction. Meets all OSHA and ANSI applicable regulations.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
426040 1 EACH	Elk River, Inc. 35326 30 Days	NoPac Shock Absorbing Lanyard. 1" webbing and 3/4" throat opening Centurion auto-lock snaphook on each end. 6' in length.	61.60 1.9 0.86	47.74 46.20 43.74
NEW 489301 1 EACH	Elk River, Inc. 35626 30 Days	NoPac Shock Absorbing Lanyard. 1" webbing and 3/4" throat opening Centurion auto-lock snaphook on each end. 6' in length. For workers over 280 lbs.	80.50 3.5 1.59	62.38 60.37 57.15
460193 1 EACH	Elk River, Inc. 35346 30 Days	NoPac Twin Leg Shock Absorbing Lanyard. 1" webbing and 3/4" throat opening Centurion auto-lock snaphook on one end and on each leg. 6' in length.	107.10 1.9 0.86	83.01 80.33 76.05

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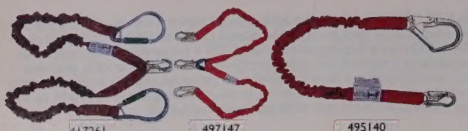
Flex-NoPac Shock Absorbing Lanyard

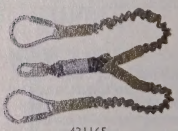


417261 497147 495140

The Flex-NoPac Shock Absorbing Lanyard is a stretch shock absorbing lanyard which eliminates the shock absorber pack. An elastic material and a shock absorbing material is covered with a full strength outer sheath which acts as a backup lanyard. An impact indicator is included to alert the user if the unit has been impacted by a fall arrest. A force of approximately 450 pounds is required to initiate tearing. Lanyard stretches from 4.5' to maximum of 6'. In testing a 220 pound weight, and a free fall of six feet, the maximum arresting force is less than 900 pounds. Made of polyester. Meets all OSHA and ANSI applicable regulations.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 417261 1 EACH	Elk River, Inc. 35416 30 Days	Flex-NoPac Twin Leg Shock Absorbing Lanyard. 1-1/2" elasticized webbing, 3/4" throat opening Centurion auto-lock snaphook on label end and 2" throat opening auto-twist aluminum carabiner on each leg. 6' in length.	260.95 2.2 1	202.23 195.71 185.27
462099 1 EACH	Elk River, Inc. 35426 30 Days	Flex-NoPac Shock Absorbing Lanyard. 1-1/2" elasticized webbing, 3/4" throat opening Centurion auto-lock snaphook on each end. 6' in length.	69.70 2.2 1	54.02 52.28 49.49
497147 1 EACH	Elk River, Inc. 35446 30 Days	Flex-NoPac Twin Leg Shock Absorbing Lanyard. 1-1/2" elasticized webbing, 3/4" throat opening Centurion auto-lock snaphook on label end and 3/4" throat opening Centurion auto-lock snaphook on each leg. 6' in length.	101.30 2.2 1	78.51 75.98 71.93
495140 1 EACH	Elk River, Inc. 35476 30 Days	Flex-NoPac Shock Absorbing Lanyard. 1-1/2" elasticized webbing, 3/4" throat opening Centurion auto-lock snaphook on label end and 2-1/2" throat opening Centurion auto lock rebar hook on other end. 3/4" throat opening Centurion auto-lock snaphook on each leg. 6' in length	120.70 2.2 1	93.55 90.53 85.70

Flex-Zorber Shock Absorbing Lanyards



431165

The Flex-Zorber Shock Absorbing Lanyard combines safety and convenience in a single product, an elasticized web lanyard which provides the safety of the traditional Zorber shock absorber pack. A force of approximately 450 pounds is required to initiate tearing. Lanyard stretches from 4.5' to maximum of 6'. In testing a 220 pound weight, and a free fall of six feet, the maximum arresting force is less than 900 pounds. Made of polyester and nylon. Meets all OSHA and ANSI applicable regulations.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 431165 1 EACH	Elk River, Inc. 36806 30 Days	Flex Zorber Twin Leg Lanyard. 1-1/2" elasticized webbing, 3/4" throat opening Centrion auto-lock snaphook on ZORBER end and 2" throat opening auto-twist aluminum carabiner on each leg. 6' in length.	266.85 5 2.27	206.81 200.14 189.47

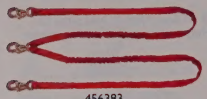
KLEIN-Lite Decelaration Lanyard-Fixed

435347

Klein-Liteø Deceleration Lanyard, 6-ft. length, two permanently attached Klein-Lok (R) snap hooks

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 435347 1 EACH	Klein Tools, Inc. 87473 Lifetime	KLEIN-Lite Nylon-Webbing Decelaration Lanyard - Fixed Length. Solely designed for use in fall-arrest systems. 6' length.	106.70 2 0.91	60.42 54.83 53.35

KLEIN-Lite Twin-Leg Decel Lanyard



456383

For use in 100% tie-off fall-arrest systems, 6-ft in working length: three permanently attached Klein-LokÆ snap hooks.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 456383 1 EACH	Klein Tools, Inc. 87475 Lifetime	KLEIN-Lite Twin-Leg Nylon-Webbing Decelaration Lanyard is designed for use in 100% tie-off fall arrest systems. 6' length.	170.55 3.7 1.68	96.57 87.63 85.27

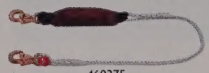
KLEIN Decelartion Unit

443324

Klein Deceleration Unit without Lanyard. 2 locking snap hooks with 11/16" throat opening on one end, drop-forged circle D-ring with roller on the other end for attaching to a lanyard, 20" long .

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 443324 1 EACH	Klein Tools, Inc. 87409 Lifetime	KLEIN Decelartion Unit designed solely for use in fall-arrest systems.	83.45 1.6 0.73	47.25 42.88 41.72

KLEIN Decel. Unit. Nylon Rope Laynard

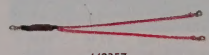


460375

deceleration unit permanently attached to 1/2" dia. nylon-filament lanyard, 2 locking snap hooks with 11/16" throat opening attached to end of lanyard and deceleration unit, 5' long

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 460375 1 EACH	Klein Tools, Inc. 87410 Lifetime	KLEIN Decelartion Unit with Nylon Rope Laynard. Soley for fall-arrest systems.	134.90 2.7 1.23	76.39 69.32 67.45

KLEIN Decel..Dual Nylon-Rope Laynard



449357

Klein Deceleration Unit with Two Nylon-Webbing Lanyards, 3 Locking Snaps. Deceleration unit is permanently attached to two 1" dia. nylon-filament webbing lanyards, locking snap hook with 11/16" throat opening attached to the free ends of both lanyards and the free end of the deceleration unit, lanyards will not reverse-twist, 6' long .

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 449357 1 EACH	Klein Tools, Inc. 87416 Lifetime	KLEIN Decelartion Unit with Dual Nylon-Rope Laynard.	183.80 3.1 1.41	104.05 94.43 91.88

Carabiners

19568 91358 78144 417343 24272 463359

Elk River Carabiners. Autolock carabiners meet all requirements of "self-closing and self-locking." Screw type do not.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
19568 1 EACH	Elk River, Inc. 17143 30 Days	5" x 3" Carabiner with a 1" gate and auto-twist lock. Tensile strength 6,750 lbs.	39.90 1 0.45	30.93 29.93 28.33
91358 1 EACH	Elk River, Inc. 17352 30 Days	4.5" x 2-1/4" Carabiner with a 1" screwgate opening . Tensile strength 5,500 lbs.	30.40 1 0.45	23.56 22.80 21.59
78144 1 EACH	Elk River, Inc. 17126 30 Days	9" x 5" Carabiner with a 2" gate opening and auto-twist lock. Pear Shapped. Tensile strength 6,750 lbs.	91.90 1.61 0.73	71.23 68.93 65.25

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 417343 EACH	Elk River, Inc. 17236 30 Days	8-21/32" x 5-1/8" Aluminum Carabiner with a 2" gate opening and auto twist lock. Tensile strength 5175 lbs.	107.95 1 0.45	83.66 80.96 76.64
24272 EACH	Elk River, Inc. 17353 30 Days	5" x 2-3/4" Carbiner with a 1 3/4" screw gate opening. Tensile strength 10,000 lbs.	61.10 1 0.45	47.36 45.83 43.39
NEW 463359 EACH	Elk River, Inc. 17150 30 Days	3-1/4" x 1-1/8" Carabiner with a 1/2" gate opening and auto-twist lock. Tensile strength 9000 lbs.	35.70 1 0.45	27.67 26.78 25.35

Steel Carabiner.

18675 81383 95461

DBI/SALA Carabiner with self-closing/self-locking gate for increased security. Featuring steel construction for durability and a user friendly design for simple operation even while wearing gloves. Minimum tensile strength of 5,000 lbs.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
18675 EACH	DBI/SALA 2000106 1 Year	Steel Carabiner with 1-3/16" opening. Tensile strength 5,000 lbs.	54.00 1.5 0.68	54.00 52.38 51.30
81383 EACH	DBI/SALA 2000108 1 Year	Steel Carabiner with 2" opening. Tensile strength 5,000 lbs.	57.00 1.5 0.68	57.00 55.29 54.15
95461 EACH	DBI/SALA 2000523 1 Year	Steel Carabiner with 3/4" opening. Tensile strength 5,000 lbs.	30.20 0.7 0.32	30.20 29.30 28.69

Rope Grabs

49743

Rope Grabs are easy to open and attach securely at any point along the length of an approved vertical lifeline. For use on nylon, polyester/poly propylene blend, approved lifeline ropes. Elk River Rope Grabs are not to be used with a lanyard longer than 3'. Meets all OSHA and ANSI applicable regulations.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
49743 EACH	Elk River, Inc. 19200 30 Days	5/8" Rope Grab with 2" Ring.	102.00 1.35 0.61	79.05 76.50 72.42

Rope Grabs

28553

DBI/SALA Synthetic Fiber Rope Grab with a mobile type design that automatically follows you, giving you greater freedom and virtually hands free operation. This Rope Grab can attach or detach anywhere along the lifeline and utilizes a cam lever as well as a friction sensitive brake to lock it onto the lifeline in case of a fall, even if the operator holds the device open in a panic situation. Corrosion resistant aluminum and stainless steel construction. Meets or exceeds all OSHA and ANSI applicable regulations.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
28553 EACH	DBI/SALA 5001441 1 Year	Rope Grab for 5/8" diameter synthetic rope lifeline.	115.65 1.81 0.82	115.65 112.19 109.87

Stratos Safety Cable System

91075

Trylon Stratos safety cable system provides effective fall protection. Precision made using the finest stainless steel.

- THE TROLLEY
- supplied with an auto-locking Karabiner
- features double locking mechanismfor even greater safety
- easily installed
- THE CABLE
- factory-installed termination at top end
- 3/8" 7x19 galvanized wire
- high-capacity breaking strength
- THE SYSTEM
- mounting brackets are designed to absorb shock impact
- multiple trolleys can be used
- urethane cable guides eliminate RF noise from cable
- meets or exceeds industry requirements

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 436219 1 EACH	Trylon 4.99.0205.010 1 Year	Retrofit kit so Stratos safety cable supports can be face-mounted on the Titan 1500 Guyed tower. Consists of 4 special angles for the top & bottom tower sections, a special field-drill template, and stand-off collars which adapt cable grips to fit on angle.	215.00 70 31.82	182.75 176.30 172.00
464062 1 EACH	Trylon 4.99.0205.000 1 Year	Retrofit kit so Stratos safety cable supports can be face-mounted on the Titan 1500 Guyed tower. Consists of 4 special angles for the top & bottom tower sections, a special field-drill template, and stand-off collars which adapt cable grips to fit on angle.	30.00 8 3.64	23.40 22.80 22.20
446090 1 EACH	Trylon 4.99.0400.500 1 Year	50 ft complete safety cable system.	420.00 60 27.27	327.60 319.20 310.80
91075 1 EACH	Trylon 4.99.0400.000 1 Year	100 ft complete safety cable system.	470.00 65 29.54	366.60 357.20 347.80
39468 1 EACH	Trylon 4.99.0405.000 1 Year	150 ft complete safety cable system.	520.00 70 31.82	405.60 395.20 384.80
77861 1 EACH	Trylon 4.99.0410.000 1 Year	200 ft complete safety cable system.	570.00 87 39.54	444.60 433.20 421.80
26254 1 EACH	Trylon 4.99.0415.000 1 Year	250 ft complete safety cable system.	620.00 92 41.81	483.60 471.20 458.80
64647 1 EACH	Trylon 4.99.0420.000 1 Year	300 ft complete safety cable system.	670.00 85 38.63	522.60 509.20 495.80
13040 1 EACH	Trylon 4.99.0425.000 1 Year	350 ft complete safety cable system.	720.00 90 40.9	561.60 547.20 532.80
51433 1 EACH	Trylon 4.99.0430.000 1 Year	400 ft complete safety cable system.	770.00 148 67.27	600.60 585.20 569.80
76612 1 EACH	Trylon 4.99.0103.000 1 Year	Stainless steel karabiner only.	28.50 1 0.45	22.23 21.66 21.09
38219 1 EACH	Trylon 4.99.0102.000 1 Year	Stainless steel trolley without karabiner.	200.00 2 0.91	156.00 152.00 148.00
89826 1 EACH	Trylon 4.99.0101.000 1 Year	Stainless steel trolley with karabiner only.	225.00 8 3.64	175.50 171.00 166.50

Heavy Duty Aluminum Safety Rail

Aluminum safety rail kits are designed to be used on a specific type and size of Trylon self-supporting tower. All kits come complete with energy absorbing trolley, karabiner and all mounting hardware.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
490049 1 EACH	Trylon 4.97.0520.296 1 Year	Complete Safety Rail System for 96' self support T200 tower, includes trolley and karabiner.	740.00 106 48.18	680.80 651.20 629.00
476005 1 EACH	Trylon 4.97.0520.288 1 Year	Complete Safety Rail System for 88' self support T200 tower, includes trolley and karabiner.	655.00 98 44.54	602.60 576.40 556.75
416018 1 EACH	Trylon 4.97.0520.388 1 Year	Complete Safety Rail System for 88' self support T300 tower, includes trolley and karabiner.	655.00 98 44.54	602.60 576.40 556.75
476015 1 EACH	Trylon 4.97.0520.280 1 Year	Complete Safety Rail System for 80' self support T200 tower, includes trolley and karabiner.	615.00 90 40.9	565.80 541.20 522.75

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
485054 1 EACH	Trylon 4.97.0520.272 1 Year	Complete Safety Rail System for 72' self support T200 tower, includes trolley and karabiner.	565.00 82 37.27	519.80 497.20 480.25
432018 1 EACH	Trylon 4.97.0520.572 1 Year	Complete Safety Rail System for 72' self support T500 tower, includes trolley and karabiner.	565.00 82 37.27	519.80 497.20 480.25
441039 1 EACH	Trylon 4.97.0520.264 1 Year	Complete Safety Rail System for 64' self support T200 tower, includes trolley and karabiner	525.00 78 35.45	483.00 462.00 446.25
442067 1 EACH	Trylon 4.97.0520.256 1 Year	Complete Safety Rail System for 56' self support T200 tower, includes trolley and karabiner.	480.00 66 30	441.60 422.40 408.00
421007 1 EACH	Trylon 4.97.0520.756 1 Year	Complete Safety Rail System for 56' self support T200 tower, includes trolley and karabiner.	480.00 66 30	441.60 422.40 408.00
435005 1 EACH	Trylon 4.97.0520.248 1 Year	Complete Safety Rail System for 48' self support T200 tower, includes trolley and karabiner.	435.00 58 26.36	400.20 382.80 369.75
NEW 437377 1 EACH	Trylon 4.97.0104.000 1 Year	"Cougar" trolley for use with aluminum safety rail. Comes complete with energy absorber and karabiner.	165.00 4 1.82	151.80 145.20 140.25

LAD-SAF Flexible Cable System

20309

DBI/SALA Flexible Cable System for fixed climbing ladders. Includes the necessary mounting hardware, top and bottom brackets, cable guides and cable. Safety sleeves 6116500 (Sku 57479) and 6116502 (Sku 19200) ordered separately. For use with 1102010 (Sku 70667) or 1103510 (Sku 82658) harnesses only. Galvanized material is standard however stainless steel is avaliable. Meets or exceeds all OSHA and ANSI applicable regulations. *OTHER SIZES AVALIABLE THAN THOSE SHOWN!

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
20309 1 EACH	DBI/SALA F-FLEX 200 1 Year	200 ft LAD-SAF system.	459.70 65 29.54	459.70 445.91 436.72
97095 1 EACH	DBI/SALA F-FLEX 250 1 Year	250 ft LAD-SAF system.	543.50 100 45.45	543.50 527.20 516.33
83881 1 EACH	DBI/SALA F-FLEX 300 1 Year	300 ft LAD-SAF system.	603.20 125 56.81	603.20 585.11 573.04
13065 1 EACH	DBI/SALA F-FLEX 480 1 Year	480 ft LAD-SAF system.	1,058.95 225 102.26	1,058.93 1,027.17 1,005.99
57479 1 EACH	DBI/SALA 6116500 1 Year	Detachable flexible cable sleeve w/o karabiner for LAD-SAF system	194.80 1.7 0.77	194.80 188.96 185.06

Stratos Universal Stand-Off Mounts

460136

Now there is a solution for adding fall protection to a tower without a climbing ladder. Trylon's universal cable support mount will attach to either a round or angled tower leg to give you the ability to conform to OSHA requirements concerning fall protection. One model covers from 1 1/2" to 10 3/4" OD round members and from 3" to 8" angled members. A 3/8" Stratos safety cable system must be purchased separately. Stand off mounts are available to keep the 3/8" cable secured as it goes up the tower. These can be ordered separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 410380 1 EACH	Trylon 4.99.0205.015 1 Year	Mounting kit so Stratos safety cable supports can be face-mounted on towers with 11.25" to 24.500" face widths and 1.25" to 3.50" OD legs. Includes upper and lower brackets.	225.00 140 63.63	191.25 184.50 180.00
460136 1 EACH	Trylon 4.99.0202.600 1 Year	Strastos universal cable support mount. Includes upper and lower brackets.	237.75 12 5.45	185.44 180.69 175.93

Stand-offs for 3/8" Safety Cable

485159

442155

Universal stand-off mounts are used with the universal cable support mount and a Stratos safety cable system to secure the 3/8" cable as it travels up the tower. Models are available to cover round members form 1.5" to 6.5"OD and angled members from 4" to 8".

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
485159 1 EACH	Trylon 4.99.0202.610 1 Year	Stratos Universal Stand-off Mounts for 1.5" to 3" OD round members.	30.00 12 5.45	23.40 22.80 22.20
455165 1 EACH	Trylon 4.99.0202.611 1 Year	Stratos Universal Stand-Off Mounts for 3.25" to 6.5" OD round members.	35.00 4 1.82	27.30 26.60 25.90
492147 1 EACH	Trylon 4.99.0202.612 1 Year	Stratos Universal Stand-Off Mounts for 3.25" to 6.5" OD round members.	35.00 6 2.73	27.30 26.60 25.90
442155 1 EACH	Trylon 4.99.0202.620 1 Year	Stratos Universal Stand-Off Mounts for 4.00" to 5.00" 60 degree angle members.	50.00 3 1.36	39.00 38.00 37.00
460146 1 EACH	Trylon 4.99.0202.621 1 Year	Stratos Universal Stand-Off Mounts for 6.00" to 8.00" 60 degree angle members.	55.00 4 1.82	42.90 41.80 40.70

Bolt Bag

19197

CESCO Canvas Tool Bag made of No.8 white canvas covered by cemented and lock-stitched Naugahyde bottom. Steel mouth frame and leather handles.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
19197 1 EACH	Klein Tools, Inc. 5104 1 year	Canvas Bucket. 17" high 12" diameter. reinforced leather.	98.95 6 2.73	56.03 50.84 49.47

Harness Carry Bag.

10190

Elk River carry bag for one full body harness and lanyard.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
10190 1 EACH	Elk River, Inc. 88031 30 Days	Yellow nylon carry bag with ELK RIVER logo. 11" x 11" x 20".	36.50 1 0.45	28.29 27.38 25.92

NEW = New Listing. Pricing for reference only. See TESSCO.com for latest pricing and product

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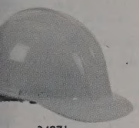
Hard Hats [583-25]

KENWOOD
COMMUNICATIONS

Need to coordinate personnel and equipment at your tower site? Choose the high-quality, high-value on-site radios, the Kenwood ProTalk® series.

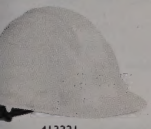
LEIN Hard Hats



34971

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description Size Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
971 ACH	Klein Tools, Inc. 60009 30 days	White polyethylene hard hat.	21.95 0.25 0.11	12.43 11.28 10.97

ORTH SAFETY 4 Pt. Ratchet Hard Hat



413331

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description Size Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
IEW 3331 ACH	North Safety Products A79R010000 30 Days	NORTH SAFETY 4 Pt. Ratchet Hard Hat White	8.75 0.5 0.23	6.97 6.52 6.04
IEW 7317 ACH	North Safety Products A79R020000 30 Days	NORTH SAFETY 4 Pt. Ratchet Hard Hat Yellow	8.75 0.5 0.23	6.97 6.52 6.04
IEW 3316 ACH	North Safety Products A79R150000 30 Days	NORTH SAFETY 4 Pt. Ratchet Hard Hat Red	8.75 0.5 0.23	6.97 6.52 6.04

. Ratchet Hard Hat with Wide Brim

454372

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description Size Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
IEW 4372 ACH	North Safety Products A49R010000 30 Days	NORTH SAFETY 4 Pt. Ratchet Hard Hat with Wide Brim White	14.75 0.5 0.23	11.74 10.99 10.18
IEW 7367 ACH	North Safety Products A49R020000 30 Days	NORTH SAFETY 4 Pt. Ratchet Hard Hat with Wide Brim Yellow	14.75 0.5 0.23	11.74 10.99 10.18
IEW 2347 ACH	North Safety Products A49R150000 30 Days	NORTH SAFETY 4 Pt. Ratchet Hard Hat with Wide Brim Red	14.75 0.5 0.23	11.74 10.99 10.18

NORTH SAFETY Short Peak Hard Hat

447385

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 447385 1 EACH	North Safety Products A29SPR010000 30 Days	NORTH SAFETY Short Peak Hard Hat White	9.30 0.5 0.23	7.38 6.91 6.40
NEW 451301 1 EACH	North Safety Products A29SPR020000 30 Days	NORTH SAFETY Short Peak Hard Hat Yellow	9.30 0.5 0.23	7.38 6.91 6.40
NEW 477334 1 EACH	North Safety Products A29SPR150000 30 Days	NORTH SAFETY Short Peak Hard Hat Red	9.30 0.5 0.23	7.38 6.91 6.40

NORTH SAFETY Winter Hard Hat Liner

426324

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 426324 1 EACH	North Safety Products WL20RED 30 Days	NORTH SAFETY Winter Hard Hat Liner For Standard Brim Hats Red	1.50 0.1 0.05	1.17 1.09 1.01
NEW 454306 1 EACH	North Safety Products WL20XLRED 30 Days	NORTH SAFETY Winter Hard Hat Liner XL for Wide Brim hats Red	1.70 0.1 0.05	1.33 1.24 1.15
NEW 479309 1 EACH	North Safety Products WL20XLBLUE 30 Days	NORTH SAFETY Winter Hard Hat Liner XL for Wide Brim hats Blue	1.70 0.1 0.05	1.33 1.24 1.15
NEW 490312 1 EACH	North Safety Products WL20BLUE 30 Days	NORTH SAFETY Winter Hard Hat Liner For Standard Brim Hats Blue	1.50 0.1 0.05	1.17 1.09 1.01

NORTH SAFETY Hard Hat Winter Liner

446379

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 446379 1 EACH	North Safety Products WL4 30 Days	NORTH SAFETY Winter Liner One Size Fits All Green Outer/Red Inner	4.70 0.01 0	3.02 2.82 2.62

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Gloves [583-30]

NORTH SAFETY Polar Gloves

A special Thinsulate lining helps keep your hands warm in this long wearing leather palm. An extra long knitwrist is sewn into the safety cuff to keep snow and ice from entering.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size Length	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 483336 12 PACK	North Safety Products 70/6465NK 30 DAYS	NORTH SAFETY Polar Gloves, Men's 1-Size Fits All	171.80 1 0.45	136.93 128.17 118.72

Salisbury Electrical Gloves, Class O

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size Length	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 434373 1 EACH	North Safety Products EO11B-8 30 Days	Electrical Gloves, Class O, Low Voltage 8 11"	62.55 1 0.45	49.85 46.66 43.22
NEW 452307 1 EACH	North Safety Products EO14B-8 30 Days	Electrical Gloves, Class O, Low Voltage 8 14"	82.40 1.5 0.68	65.65 61.45 56.92
NEW 440354 1 EACH	North Safety Products EO11B-9 30 Days	Electrical Gloves, Class O, Low Voltage 9 11"	62.55 1 0.45	49.85 46.66 43.22
NEW 450367 1 EACH	North Safety Products EO11B-10 30 Days	Electrical Gloves, Class O, Low Voltage 10 11"	62.55 1 0.45	49.85 46.66 43.22
NEW 415331 1 EACH	North Safety Products EO11B-11 30 Days	Electrical Gloves, Class O, Low Voltage 11 11"	62.55 1 0.45	49.85 46.66 43.22
NEW 479324 1 EACH	North Safety Products EO11B-12 30 Days	Electrical Gloves, Class O, Low Voltage 12 11"	62.55 1 0.45	49.85 46.66 43.22
NEW 412390 1 EACH	North Safety Products EO14B-9 30 Days	Electrical Gloves, Class O, Low Voltage 9 14"	82.40 1.5 0.68	65.65 61.45 56.92
NEW 484318 1 EACH	North Safety Products EO14B-10 30 Days	Electrical Gloves, Class O, Low Voltage 10 14"	82.40 1.5 0.68	65.65 61.45 56.92
NEW 438317 1 EACH	North Safety Products EO14B-11 30 Days	Electrical Gloves, Class O, Low Voltage 11 14"	82.40 1.5 0.68	65.65 61.45 56.92
NEW 498316 1 EACH	North Safety Products EO14B-12 30 Days	Electrical Gloves, Class O, Low Voltage 12 14"	82.40 1.5 0.68	65.65 61.45 56.92

Salisbury Cowhide Protector Gloves

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size Length	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 420361 1 EACH	North Safety Products LP3S-8 30 Days	Cowhide Protector Gloves; Class OO&O rubber insulated gloves 8 14"	51.80 1 0.45	41.26 38.62 35.77
NEW 445321 1 EACH	North Safety Products LP10-8 30 Days	Cowhide Protector Gloves; Class OO&O rubber insulated gloves 8 11"	46.30 1 0.45	36.87 34.51 31.97
NEW 492344 1 EACH	North Safety Products LPG3S-8 30 Days	Goatskin Protector Gloves; Class OO&O rubber insulated gloves 8 14"	51.80 1 0.45	41.26 38.62 35.77
NEW 424367 1 EACH	North Safety Products LP10-9 30 Days	Cowhide Protector Gloves; Class OO&O rubber insulated gloves 9 11"	46.30 1 0.45	36.87 34.51 31.97
NEW 422340 1 EACH	North Safety Products LP10-10 30 Days	Cowhide Protector Gloves; Class OO&O rubber insulated gloves 10 11"	46.30 1 0.45	36.87 34.51 31.97
NEW 466339 1 EACH	North Safety Products LP3S-9 30 Days	Cowhide Protector Gloves; Class OO&O rubber insulated gloves 9 14"	51.80 1 0.45	41.26 38.62 35.77
NEW 499390 1 EACH	North Safety Products LP3S-10 30 Days	Cowhide Protector Gloves; Class OO&O rubber insulated gloves 10 14"	51.80 1 0.45	41.26 38.62 35.77
NEW 467331 1 EACH	North Safety Products LP3S-11 30 Days	Cowhide Protector Gloves; Class OO&O rubber insulated gloves 11 14"	51.80 1 0.45	41.26 38.62 35.77
NEW 441344 1 EACH	North Safety Products LP3S-12 30 Days	Cowhide Protector Gloves; Class OO&O rubber insulated gloves 12 14"	51.80 1 0.45	41.26 38.62 35.77
NEW 480354 1 EACH	North Safety Products LP10-11 30 Days	Cowhide Protector Gloves; Class OO&O rubber insulated gloves 11 11"	46.30 1 0.45	36.87 34.51 31.97
NEW 488351 1 EACH	North Safety Products LPG3S-9 30 Days	Protector Gloves; Class OO&O rubber insulated gloves 9 14"	51.80 1 0.45	41.26 38.62 35.77
NEW 439341 1 EACH	North Safety Products LPG3S-10 30 Days	Protector Gloves; Class OO&O rubber insulated gloves 10 14"	51.80 1 0.45	41.26 38.62 35.77
NEW 435358 1 EACH	North Safety Products LPG3S-11 30 Days	Protector Gloves; Class OO&O rubber insulated gloves 11 14"	51.80 1 0.45	41.26 38.62 35.77
NEW 425353 1 EACH	North Safety Products LPG3S-12 30 Days	Protector Gloves; Class OO&O rubber insulated gloves 12 14"	51.80 1 0.45	41.26 38.62 35.77
NEW 452370 1 EACH	North Safety Products LP10-12 30 Days	Cowhide Protector Gloves; Class OO&O rubber insulated gloves 12 11"	46.30 1 0.45	36.87 34.51 31.97

NEW = New Listing. Pricing for reference on
See TESSCO.com for latest pricing and produ
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NORTH SAFETY Grip N Gloves

A blend of cotton and man-made fibers scientifically coated with tough N-tread PVC pattern to enhance grip and offset abrasive wear

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size Length	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 50322 2 PACK	North Safety Products K511M 30 Days	NORTH SAFETY Grip N Gloves Men's Universal Size	18.90 0.01 0	15.04 14.07 13.04

alisbury Goat Skin Protector Gloves

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size Length	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 16326 EACH	North Safety Products LPG10-8 30 Days	Goatskin Protector Gloves; Class OO&O rubber insulated gloves 8 11"	46.30 1 0.45	36.87 34.51 31.97
NEW 69367 EACH	North Safety Products LPG10-9 30 Days	Goatskin Protector Gloves; Class OO&O rubber insulated gloves 9 11"	46.30 1 0.45	36.87 34.51 31.97
NEW 53348 EACH	North Safety Products LPG10-10 30 Days	Goatskin Protector Gloves; Class OO&O rubber insulated gloves 10 11"	46.30 1 0.45	36.87 34.51 31.97
NEW 16323 EACH	North Safety Products LPG10-11 30 Days	Goatskin Protector Gloves; Class OO&O rubber insulated gloves 11 11"	46.30 1 0.45	36.87 34.51 31.97
NEW 71347 EACH	North Safety Products LPG10-12 30 Days	Goatskin Protector Gloves; Class OO&O rubber insulated gloves 12 11"	46.30 1 0.45	36.87 34.51 31.97

NORTH SAFETY Worknit HD gloves

An effective, low-cost, high performance alternative to leather. Exceptional flexibility and extraordinary toughness make them suitable for a wide variety of jobs. Everything from metal fabricating and grinding to handling abrasives, sheet metal and pipes. Nitrile coated.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size Length	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 73339 2 PACK	North Safety Products 85/3729M 30 Days	NORTH SAFETY Worknit HD gloves; non-slip grip Men's Medium	94.25 0.01 0	69.25 64.82 60.04
NEW 13397 2 PACK	North Safety Products 85/3729L 30 Days	NORTH SAFETY Worknit HD gloves; non-slip grip Men's Large	94.25 0.01 0	69.25 64.82 60.04

Nose & Mouth Protection [583-32]

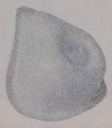
NORTH SAFETY Particulate Respirator

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
420344 1 PACK	North Safety Products 7130N95 30 Days	Particulate Respirator. Latex free One Size Fits All	16.20 0.3 0.14	12.92 12.09 11.20
493347 1 PACK	North Safety Products 7140N95 30 Days	Particulate Respirator, Built-in exhalation valve. One Size Fits All	16.20 0.3 0.14	12.92 12.09 11.20

NORTH SAFETY Respirator Mask

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
422387 1 EACH	North Safety Products 4200M 30 Days	NORTH SAFETY Respirator Mask. Adjustable harness. Medium	9.50 1 0.45	9.09 8.51 7.88
425313 1 EACH	North Safety Products 4200S 30 Days	NORTH SAFETY Respirator Mask. Adjustable harness. Small	9.50 1 0.45	9.09 8.51 7.88
452390 1 EACH	North Safety Products 4200L 30 Days	NORTH SAFETY Respirator Mask. Adjustable harness. Large	9.50 1 0.45	9.09 8.51 7.88

NORTH SAFETY Particulate Filter, CFR-1



Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
451385 20 PACK	North Safety Products 42N95 30 Days	NORTH SAFETY Particulate Filter for CFR-1 Mask n/a	14.25 0.3 0.14	11.35 10.63 9.84

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Reflective Safety Products [583-40]

KENWOOD COMMUNICATIONS

Need to coordinate personnel and equipment at your tower site? Choose the high-quality, high-value on-site radios, the Kenwood ProTalk® series.

NORTH SAFETY Hi-Viz Traffic Safety Vest

Vest meet or exceede ANSI/ISEA 107-1999 High visibility standard. Provides your worker with 360 degree visibility. 100% polyester fabric, Omni-Brite(TM) reflective tape. Zipper closure and same color fabric binding.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 475356 1 EACH	North Safety Products TV55RS/1S 30 days	NORTH SAFETY Hi-Viz Traffic Safety Vest, Orange.	13.85 0.3 0.14	8.93 8.36 7.74
NEW 480334 1 EACH	North Safety Products TV55RS/1SLY 30 days	NORTH SAFETY Hi-Viz Traffic Safety Vest, Lime Green	9.50 0.3 0.14	8.93 8.36 7.74

NORTH SAFETY Body Harness, Single D-Ring

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 419365 1 EACH	North Safety Products FPD698/1DP 30 Days	NORTH SAFETY Body Harness, Single D-Ring.	37.75 2.5 1.14	30.08 28.16 26.08
NEW 432327 1 EACH	North Safety Products FPD698/1DPXL 30 Days	NORTH SAFETY Body Harness, Single D-Ring.	38.85 2.7 1.23	30.98 28.99 26.86

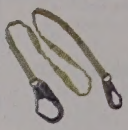
NORTH SAFETY Body Harness, Large D-Ring

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 442323 1 EACH	North Safety Products FPD698/3DGP 30 Days	NORTH SAFETY Body Harness, Lge D-Ring	55.50 3.4 1.55	44.25 41.42 38.37
NEW 448319 1 EACH	North Safety Products FPD698/3DGPXL 30 Days	NORTH SAFETY Body Harness, Lge D-Ring	56.65 3.5 1.59	45.15 42.26 39.14

NORTH SAFETY Cross Chest Body Harness

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 419320 1 EACH	North Safety Products FP722/4DPXL 30 Days	NORTH SAFETY Trend X body harness with D-Stop back	72.60 4.3 1.95	57.87 54.16 50.17
NEW 448361 1 EACH	North Safety Products FP722/2DP 30 Days	NORTH SAFETY Trend X body harness with D-Stop back	58.95 3.7 1.68	46.96 43.96 40.72
NEW 481368 1 EACH	North Safety Products FP722/4DP 30 Days	NORTH SAFETY Trend X body harness with D-Stop back	72.60 4.3 1.95	57.87 54.16 50.17
NEW 492339 1 EACH	North Safety Products FP722/2DPXL 30 Days	NORTH SAFETY Trend X body harness with D-Stop back	58.95 3.7 1.68	46.96 43.96 40.72

NORTH SAFETY Fall Protection Lanyard



Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 422398 1 EACH	North Safety Products FPD29819/6 30 Days	NORTH SAFETY Fall Protection Lanyard	53.30 3.5 1.59	42.48 39.77 36.83

NORTH SAFETY Barricade Tape

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 448337 1 ROLL	North Safety Products CT3RE8/300N 30 days	NORTH SAFETY Barricade Tape "Caution", Red	4.15 2 0.91	3.29 3.08 2.85
NEW 470398 1 ROLL	North Safety Products CT3YE1/300N 30 days	NORTH SAFETY Barricade Tape "Caution", Yellow	4.15 2 0.91	3.29 3.08 2.85
NEW 473365 1 ROLL	North Safety Products CT3YE2/300N 30 days	NORTH SAFETY Barricade Tape "Caution Do Not Enter", Yellow	4.15 2 0.91	3.29 3.08 2.85
NEW 490387 1 ROLL	North Safety Products CT3RE9/300N 30 days	NORTH SAFETY Barricade Tape "Caution Do Not Enter", Red	4.15 2 0.91	3.29 3.08 2.85

NEW = New Listing. Pricing for reference only See TESSCO.com for latest pricing and product

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EME Compliance Products

Rainwear [583-50]

Hi-Viz Rain Coat

NORTH SAFETY Yellow Rain suit; 22 mil; 3 Piece rain suit includes bib pant, jacket,and hood.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 421305 EACH	North Safety Products 452XL 30 Days	NORTH SAFETY Yellow Rain Suit includes bib pant, jacket, and hood. XX-LARGE Yellow	7.00 1 0.45	5.58 5.23 4.84
NEW 468360 EACH	North Safety Products 453XL 30 Days	NORTH SAFETY Yellow Rain Suit includes bib pant, jacket, and hood. 3X-LARGE Yellow	7.35 1 0.45	5.84 5.47 5.06
NEW 482321 EACH	North Safety Products 45L 30 Days	NORTH SAFETY Yellow Rain Suit includes bib pant, jacket, and hood. LARGE Yellow	6.40 1 0.45	5.07 4.75 4.40
NEW 490330 EACH	North Safety Products 45XL 30 Days	NORTH SAFETY Yellow Rain Suit includes bib pant, jacket, and hood. X-LARGE Yellow	6.40 1 0.45	5.07 4.75 4.40

EME Alarms [617-10]

RF Personal Alarm

3159 440312

All RadMan monitors are multi-function tools. With the RF absorber cap off, the RadMan functions as a simple instrument with isotropic detection and 4 level indicator LED's that provide an approximate indication of field strength. All models can also be used as a simple area monitor. The ESM-TS Interface Set (Sold separately) allows the user to download the data collected by the XT Series monitors to a PC.

- MHz to 40 GHz
- haped Frequency Response matched to your standard
- imultaneous E and H Field Measurement
- LED level indicators
- Data Logger records continuously (RADMAN XT Models)
- Isotropic Response when used off the body
- Optical Interface can be used "Real Time"
- Multi-function: Can be used as a Personal Monitor for leak detection and simple measurements
- Patented Design

ntinuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36052 EACH	NARDA Microwave Corp. BN 2251/02 2 Years	RadMan XT RF Personal Alarm. E field sensor is rated 3 MHz to 40 GHz, H field sensor is rated 3 MHz to 1 GHz. Operating over the maximum frequency range and generally shaped to match the higher level of 2 tier standards. The data logger can log over 1600 sets of data and be reviewed whenever there is a need, similar to a Aircraft Flight Data Recorder.	1,550.00 1.05 0.48	1,550.00 1,550.00 1,550.00
78159 EACH	NARDA Microwave Corp. BN 2250/52 2 Years	RadMan RF Personal Alarm. E field sensor is rated 3 MHz to 40 GHz, H field sensor is rated 3 MHz to 1 GHz. This series is identical to the full featured RadMan XT except that these monitors do not include the data logging capability.	1,450.00 1 0.45	1,450.00 1,450.00 1,450.00
11047 EACH	NARDA Microwave Corp. BN 2251/72 2 Years	RadMan XT ELF Immune RF Personal Alarm. E field sensor is rated 27 MHz to 40 GHz, H field sensor is rated 3 MHz to 1 GHz. Very similar to the RadMan XT Series (Including data logger) except that the inside of the housing has a special conductive coating that blocks the ELF signals. The frequency range is reduced at the low end due to the coating.	1,650.00 5 2.27	1,650.00 1,650.00 1,650.00

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 473189 1 EACH	NARDA Microwave Corp. BN 2251/90.50 2 Years	ESM-TS Interface Set used to output data from the E and H field sensors in real time to a PC. The interface set can also be used to download stored data from the Radman XT & Radman XT ELF Immune. Kit includes: Windows compatible user software, interface module that connects directly to the COM port of your PC and Fiber optic cable to connect module to Radman. One transfer kit per local office or region is recommend.	682.85 2.5 1.14	682.81 682.81 682.81
NEW 440312 1 EACH	NARDA Microwave Corp. 2244/90.31 2 Years	Wooden Tripod Mount for Radman Series Monitors.	595.00 1 0.45	661.12 661.12 661.12

Nardalaert Personal Alarm

498004

The Nardalert personal monitors provide wearable protection against exposure to RF and microwave, to non-ionizing radiation. All models feature visual and audible alarms and a fail safe circuit design. Units come with instructions, pocket clip, belt clip and plastic storage box.

- 100 KHz to 100 GHz
- Shaped Frequency Response matched to your standard
- Data Logger records continuously (8860 & 8861)
- 5 High Intensity LED level indicators
- Tri-Sensor handles all types of fields
- 2 Adjustable audio alarms
- Adjustable Vibrator alarm
- Long battery life
- Patented design

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
486049 1 EACH	NARDA Microwave Corp. A8860 2 Years	Nardalert XT 100 KHz to 100 GHz RF Personal Alarm. Full featured model that includes all the user adjustable parameters. Data logger can log over 30,000 data ponits and be reviewed whenever there is a need, similar to a Aircraft Flight Data Recorder.	1,550.00 0.25 0.11	1,550.00 1,550.00 1,550.00
498004 1 EACH	NARDA Microwave Corp. A8861 2 Years	Nardalert XT ELF Immune 10 MHz to 100 GHz RF Personal Alarm. Very similar to the 8860 seires except the inside of the housing has a special conductive coating that blocks the ELF signals. Coating also reduces the low frequency range of monitor.	1,650.00 0.25 0.11	1,650.00 1,650.00 1,650.00
413007 1 EACH	NARDA Microwave Corp. A8862 2 Years	Nardalert XT 100 KHz to 100 GHz RF Personal Alarm. The 8862 series is identical to the full featured 8860 series except that these monitors do not include the data logging capability.	1,450.00 1.15 0.52	1,450.00 1,450.00 1,450.00
438180 1 EACH	NARDA Microwave Corp. 8865 2 Years	Software & Interface Cable for use with Nardalert XT Series. Kit includes: Windows compatible user software, interface module, cable to connect Module to PC and cable to connect module to Nardalert XT. One transfer kit per local office or region is recommend.	534.40 0.25 0.11	534.38 534.38 534.38
NEW 424163 1 EACH	NARDA Microwave Corp. 21847700 2 Years	Soft Case for Climber's Harness. For use with NARDALERT XT Models 8860, 8861 and 8862.	24.00 1 0.45	24.00 24.00 24.00

RF Protective Apparrel [617-30]

RF Protective Coveralls

92370

Naptex RF protective clothing actually shield personnel from electro-magnetic emissions. Naptex is a patented textile product that possesses excellent RF shielding properties over a wide frequency range. Naptex feels like regular poly-cotton, is durable and retains original protection factors even after years of use and laundering. The line consists of full body coveralls, gloves, glove liners and socks (All sold separately).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
16833 1 EACH	NSP America OV34BL10SUSA 1 Year	Full Body Coveralls, Royal Blue. For people 5' 8" or smaller & a maximum chest measurement of 51" (Small). Includes carry bag.	1,190.00 8 3.64	1,190.00 1,190.00 1,166.20
53977 1 EACH	NSP America OV34BL10MUSA 1 Year	Full Body Coveralls, Royal Blue. For people 5' 8"-5'11" tall & a maximum chest measurement of 51" (Medium). Includes carry bag.	1,190.00 8 3.64	1,190.00 1,190.00 1,166.20
92370 1 EACH	NSP America OV34BL20LUSA 1 Year	Full body coveralls, Royal Blue. For people 6'-6'2" tall and a maximum cheast measurement of 52" (Large). Includes carry bag.	1,190.00 8 3.64	1,190.00 1,190.00 1,166.20
40763 1 EACH	NSP America OV34BL3XLUSA 1 Year	Full Body Coveralls, Royal Blue. For people 6' and taller and a maximum cheast measurement of 53.5" (Extra Large). Includes carry bag.	1,190.00 8 3.64	1,190.00 1,190.00 1,166.20

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RF Protective Socks

79156

Naptex RF protective clothing actually shield personnel from electro-magnetic emissions. Naptex is a patented textile product that possesses excellent RF shielding properties over a wide frequency range. Naptex feels like regular poly-cotton, is durable and retains original protection factors even after years of use and laundering. The line consists of full body coveralls, gloves, glove liners and socks (All sold separately).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
79156 1 EACH	NSP America SO34BL20M000 1 Year	RF Socks, Royal Blue, Medium. Shoe size 8-9. One pair.	90.00 3 1.36	90.00 90.00 88.20
27549 1 EACH	NSP America SO34BL20L000 1 Year	RF Socks, Royal Blue, Large. Shoe size 10-11. One pair.	90.00 3 1.36	90.00 90.00 88.20
65942 1 EACH	NSP America SO34BL3XL000 1 Year	RF Socks, Royal Blue, Extra Large. Shoe size 12-13. One pair.	90.00 3 1.36	90.00 90.00 88.20

RF Protective Gloves & Liners

14335

Naptex RF protective clothing actually shield personnel from electro-magnetic emissions. Naptex is a patented textile product that possesses excellent RF shielding properties over a wide frequency range. Naptex feels like regular poly-cotton, is durable and retains original protection factors even after years of use and laundering. The line consists of full body coveralls, gloves and socks (All sold separately).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
14335 1 EACH	NSP America HS34GR10-M330 1 Year	RF Glove Liners. Medium. One pair. Use under work gloves.	120.00 3 1.36	120.00 120.00 117.60
52728 1 EACH	NSP America HS34GR20L330 1 Year	RF Glove Liners. Large. One pair. Use under work gloves.	120.00 3 1.36	120.00 120.00 117.60
NEW 424317 1 EACH	NSP America HS34BL10MLED 1 Year	RF protective work gloves. Made of Naptex flame resistant material with leather on palm only. Medium.	90.00 2 0.91	90.00 90.00 88.20
NEW 428351 1 EACH	NSP America HS34BL20LLED 1 Year	RF protective leather palm work gloves. One pair. Large.	90.00 2 0.91	90.00 90.00 88.20
91121 1 EACH	NSP America HS34GR30XL330 1 Year	RF Glove Liners. Extra Large. One pair. Use under work gloves.	120.00 3 1.36	120.00 120.00 117.60
NEW 479381 1 EACH	NSP America HS34BL3XLLED 1 Year	RF protective leather palm work gloves. One pair. Extra large.	90.00 2 0.91	90.00 90.00 88.20

EME Signs [617-40]

Electromagnetic Energy (EME) Signs

30661

NOTICE Sign with information critical to the potential for exposure to RF fields and may be used as part of an overall RF safety program at your facility to comply with new FCC rules on RF fields and employee & public awareness. Signs are 12" wide by 18" tall, aluminum with rounded corners and holes near each corner for mounting. A special UV resistant coating is applied for longevity in outdoor environments.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30661 1 EACH	Richard Tell Assoc NOTICE SIGN 90 Days	"NOTICE" sign for areas where RF fields exceed MPE limits for the general public in uncontrolled areas.	24.15 0.9 0.41	23.63 23.15 22.79

Electromagnetic Energy (EME) Signs

43875

CAUTION Sign with information critical to the potential for exposure to RF fields and may be used as part of an overall RF safety program at your facility to comply with new FCC rules on RF fields and employee & public awareness. Signs are 12" wide by 18" tall, aluminum with rounded corners and holes near each corner for mounting. A special UV resistant coating is applied for longevity in outdoor environments.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
43875 1 EACH	Richard Tell Assoc CAUTION SIGN 90 Days	"CAUTION" sign for areas where RF fields exceed occupational MPE limits in controlled areas.	24.15 1 0.45	23.63 23.15 22.79

RF Warning Sign

94233 428025

WARNING or TOWER CAUTION Sign with information critical to the potential for exposure to RF fields and may be used as part of an overall RF safety program at your facility to comply with new FCC rules on RF fields and employee & public awareness. Signs are 12" wide by 18" tall, aluminum with rounded corners and holes near each corner for mounting. A special UV resistant coating is applied for longevity in outdoor environments.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
94233 1 EACH	Richard Tell Assoc WARNING SIGN 90 Days	"WARNING" sign for areas where RF fields exceed occupational MPE limits in controlled areas by ten times or more.	24.15 0.9 0.41	23.63 23.15 22.79
428025 1 EACH	Richard Tell Assoc TOWER CAUTION 90 Days	"CAUTION" sign for use specifically on towers where RF fields exceed occupational MPE limits in controlled areas.	24.15 0.9 0.41	23.63 23.15 22.79

Small Profile EME Awareness Sign

20379 97165 58772

Just like the larger signs above, these 8.5" wide by 12" tal awareness signs may be used as part of an overall RF safety program at your facility to comply with new FCC rules on RF fields and employee/public awareness. Made of aluminum with rounded corners and holes near each corner for mounting, these signs have a special UV resistant coating for longevity in outdoor environments.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
20379 1 EACH	Richard Tell Assoc SM NOTICE SIGN 90 Days	"NOTICE" sign for areas where RF fields exceed MPE limits for the general public in uncontrolled areas.	18.10 0.45 0.2	17.72 17.36 17.09
97165 1 EACH	Richard Tell Assoc SM CAUTION SIGN 90 Days	"CAUTION" sign for areas where RF fields exceed occupational MPE limits in controlled areas.	18.10 0.26 0.12	17.72 17.36 17.09
58772 1 EACH	Richard Tell Assoc SM WARNING SIGN 90 Days	"WARNING" sign for areas where RF fields exceed occupational MPE limits in controlled areas by ten times or more.	18.10 0.45 0.2	17.72 17.36 17.09

EME Contact Current Signs

55241

The "Contact Current Caution" sign was developed for use at sites having guy wires that may carry high RF currents that could lead to contact currents exceedi the limits recommended by the ANSI/IEEE C95.1-1992 standard. The sign is scree painted on an aluminum panel that measures 12" wide by 18" tall, has rounded co ners with mounting holes and is coated with an industrial strength inhibitor for added longevity.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
55241 1 EACH	Richard Tell Assoc GUY WIRE CAUTION 90 Days	"CONTACT CURRENT" sign is for use with guyed towers.	24.15 1 0.45	23.63 23.15 22.79

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Danger RF Burns Tower Sign

87461

The "RF Burn" sign, advising of the possibility of RF burns, has been designed especially for applications at AM radio broadcast stations and can be used to assist in meeting the OSHA recommendations for complying with the ANSI/IEEE contact current limits. Sign is screen painted on an aluminum panel, 12" wide by 18" tall, has rounded corners with mounting holes and is coated with an industrial strength UV inhibitor for added longevity.

rt No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
7461 EACH	Richard Tell Assoc RF BURN SIGN 90 Days	"RF BURNS" sign is for areas near AM broadcast towers.	24.15 0.9 0.41	23.63 23.15 22.79

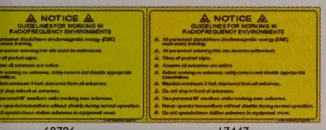
ower Registration Sign

31709

Designed to help tower owners comply with FCC rules on tower registration that became effective in 1996, these signs come complete with a kit of exterior rated vinyl numerals that can be applied to customize the sign for individual registration numbers. These aluminum 8"x 12" signs are screen printed with a green banner across the top, has mounting holes at each rounded corner and is coated with a UV inhibitor for added longevity.

rt No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1709 EACH	Richard Tell Assoc REGISTRATION SIGN 90 Days	Tower registration sign with vinyl self-adhesive decals provided with kit.	30.15 1 0.45	29.54 28.94 28.49

lectromagnetic Energy (EME) Signs



68796 17447

These bright yellow placards are designed for workers in the telecommunications and wireless industries. They are intended for application to smooth surfaces like equipment panels, doors or other places to remind workers of pratical antenna site work practices and should be used with one or more of the RF alerting signs. Indoor and outdoor versions are available.

rt No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
796 EACH	Richard Tell Assoc RF SITE PLAC 90 Days	Outdoor aluminum placard with rounded corners and holes for mounting.	12.85 0.5 0.23	12.56 12.30 12.11
447 EACH	Richard Tell Assoc RF SITE PLAC 90 Days	Indoor laminated placard with self-adhesive strips on back for mounting.	4.85 0.1 0.05	4.73 4.63 4.56

lectromagnetic Energy (EME) Video

63893

This 32 minute video focuses on the basics of RF field measurement of near-field emissions. Topics covered: units of measure, shaped frequency response probes, corrections for uncertainty, analog vs. digital meters, use of probes, identifying high level areas, maximum hold features, spacial averaging, impact of human body on measurements and the use of NARDAlert(TM) Personal Monitors.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
893 ACH	Richard Tell Assoc RF FIELD VIDEO 90 Days	NTSC (American version) VHS video cassette	200.00 0.9 0.41	192.00 189.00 187.50

Electromagnetic Energy (EME) Video

69054

Originally produced for Motorola, this 20 minute video focuses on the basics of what is necessary to know about minimizing exposure to strong RF fields that may be found near communication sites. This video can be used as a component of a company RF safety program to help comply with the recent RF exposure rules adopted by the Federal Communications Commission (FCC). It includes information on RF measurement, analysis, and evaluation as well.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
69054 1 EACH	Richard Tell Assoc EME VIDEO 90 Days	NTSC (American version) VHS video cassette	32.00 0.9 0.41	30.72 30.24 29.44

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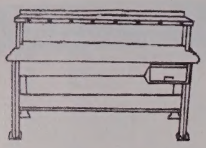
Workbenches, Complete w/ Accessories [585-10]

If you are buying these, you might need:

Radio/Phone Parts . . . . . page 1794

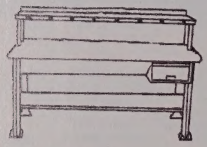
Workbenches, Fixed-Height 34"H



Lyon workbenches provide total versatility to meet your needs. Select a top that fits your application. Accessories can provide extra shelf storage above and below the work table, as well as drawers, outlet strips, back and end stops and foot rests. INCLUDES:2750 fixed legs (32.5"Hx28"D), 2644 shelf (72"Wx13.25"D) and stringer (72"Wx5"H), 2629 riser (18"Hx72"Wx14"D), drawer and power strip (125V/15A 3 wire, 8 outlets).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
83387 1 EACH	Lyon Metal Products KIT 1 Lifetime	2707 Plastic Laminate Top- Chip resistant board core, plastic laminate on top and sides.	635.85 211.9 96.31	492.79 486.43 476.89
31780 1 EACH	Lyon Metal Products KIT 3 Lifetime	2743 Super Comp Top- Provides 40% harder surface than laminated hardwood. Coatedto resist liquids.	660.35 219.7 99.85	511.78 505.17 495.27
18566 1 EACH	Lyon Metal Products KIT 4 Lifetime	2703 ESD Plastic Laminate Top- for static sensitive work. 1 Mohm - 1 Tohm resistance. includes grounding cord.	900.20 221.7 100.76	697.66 688.66 675.15

Workbenches, Adjustable-Height 29-38"



Lyon workbenches provide total versatility to meet your needs. Select a top to fit your aplication. Accessories can provide extra shelf storage above & below the work surface as wellas drawers, outlet strips, back and end stops and foot rests. INCLUDES:2758 adjustable height legs (29 - 34" H x 28"D), shelf, stringer, riser, drawer, outlet strip (8 outlet, 125V 15A wire), and leg levelers.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
56959 1 EACH	Lyon Metal Products KIT 5 Lifetime	LYON complete Workbench featuring (2707) laminated top, (2758) adjustble legs, (2644-1) shelf/stringer, (2757) levelers,(2629) riser, (2788) drawer, (2663) outlet strip	652.35 227.2 103.26	505.58 499.05 489.27
95352 1 EACH	Lyon Metal Products KIT 6 Lifetime	2743 Super Com Top- 40% harder than laminated hard wood surfaces.	676.85 225 102.26	524.56 517.79 507.64
82138 1 EACH	Lyon Metal Products KIT 8 Lifetime	2703 ESD laminate top- for static sensitive work. 1 Mohm to 1 Tohm resistance. Includes grounding cord.	916.70 227 103.17	710.45 701.28 687.53

PRODUCTION BASICS Adjustable Work Tables

*CHAIR NOT INCLUDED

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
48708 1 EACH	Production Basics 3005 10 Years	60"x30" work table. Includes 1-1/8" industrial grade laminated work surface. Epoxy finish.	350.00 130 59.08	340.20 331.10 313.95
48794 1 EACH	Production Basics 3010 10 Years	Production Basics-72"x30" wwork table. Includes 1-1/8" industrial grade laminated work surface. Epoxy finish.	375.00 140 63.63	364.50 354.75 336.38
48820 1 EACH	Production Basics 3011 10 Years	Production Basics-72"x36" work table. Includes 1-1/8" industrial grade laminated work surface. Epoxy finish.	390.00 145 65.9	379.08 368.94 349.83

NEW = New Listing. Pricing for reference o
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Workbenches, Complete [585-12]

If you are buying these, you wil need:

AC Surge protectors . . . . . page 643
Tool Chests . . . . . page 1652
Chairs and Stools . . . . . page 1653
Flashlights . . . . . page 1654

RODUCTION BASICS ERGONOMIC WORKSTATIONS

Production Basics modular-component workstations offer you total flexibility in job space con-guration with simple assembly in 25 minutes, with a allen wrench. Choose your upright. Pick ou work surface and components. The uprights are tubular steel with baked-on Deep Royal lue, durable baked-on powder-coated finish. The worksurface is 1-1/4" thick with your choice f ESD Light Gray or NON-ESD White Laminate finish. Whether you need a single-sided tand-alone bench, a double-sided bench or just need to add to your existing line, we have our workstation solution.

art No. ty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 49365 EACH	Production Basics REFERENCE	This is an example of a Production Basics complete workstation you can assemble in minutes in your own facility. Pick your Single-Sided Workstation, 30" wide by 36", 48", 60" or 72" Length. The add your choice of options that include: Overhead Lighting, Stand-alone Corners; Surge-Protected Power Distribution; Rails for Parts Bins; Solid Metal or Wire Shelving; 6" or 12" Stackable Drawer Units; Footrests; Monitor Arm & Keyboad Kits; Overhead Tool Racks; Fabric Covered Tack Boards; Storage Cabinents; Modesty Panels; Peg Board Inserts; Air Rail Outlets; and Under Surface Shelves.	0.00 0.01 0	0.00 0.00 0.00

Adj. Height Ergonomic Workstations

Production Basics Stand-Alone C-Leg Workstations 64" frame height have an adjustable worksurface. Frame legs are made from heavy-duty 12 and 14 gauge steel members. Legs are attached to the vertical track of the frame and are easily adjusetd from 30" to 36". Choose accessories from a wide selection of options. Each station includes: (1) single upright open frame; (2) adjustable C-leg supports; amd (1) 30" deep work surface. Stations are rated at 750 lbs. capacity. Work surfaces are also available in 36" and 24" depths. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 88424 1 EACH	Production Basics 1005 10 yrs	30"Dx60"W Stand-Alone C-Leg Workstation. Blue frame with a NON-ESD White surface. Order Accessories Separately	490.65 170 77.26	476.88 464.12 440.08
48782 1 EACH	Production Basics 1010 10 yrs	30"Dx72"W Stand-Alone C-Leg Workstation. Blue frame with a NON-ESD White surface. Order Accessories Separately	512.70 180 81.81	498.31 484.98 459.86
87175 1 EACH	Production Basics 1105 10 yrs	30"Dx60"W Stand-Alone C-Leg Workstation. Blue frame with a ESD Lt Gray work surface. Order Accessories Separately	615.00 170 77.26	597.78 581.79 551.66
35568 1 EACH	Production Basics 1110 10 yrs	30"Dx72"W Stand-Alone C-Leg Workstation. Blue frame with a ESD Lt Gray work surface. Order Accessories Separately	654.00 180 81.81	635.69 618.69 586.64

Air Distribution Rails

Production Basics Air Rail Distribution Bars feature two industrial-interchange quick-connectors and a 3/8" poly-tube inlet. Black

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
38079 1 EACH	Production Basics 8336 10 yrs	72"Wide Air Rail Distribution Bar w/quick-connectors and a 3/8" poly-tube inlet. Black	81.90 10 4.54	79.61 77.48 73.47

Overhead Lights for Workstations

A dual-bulb fluorescent overhead lighting system eases operator eye strain while increasing available light at the worksurface. All units come with an overhead mounting frame for attachment to open frames.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
34319 1 EACH	Production Basics 8505 10 yrs	60" DUAL BULB Overhead light unit including arms.	181.65 28 12.73	176.57 171.85 162.94
21105 1 EACH	Production Basics 8510 10 yrs	72" DUAL BULB Overhead light unit including arms.	194.25 32 14.54	188.82 183.77 174.25

Metal Shelves for Workstations

Metal shelves offer a stable surface to support uo to 70 pounds of distributed weight. Universal Brackets allow shelf to be supported from above to create an enclosed space, or from below to provide for a clean, open look. Baked-on powder-coated Black Epoxy wrinkle finish.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
47533 1 EACH	Production Basics 8413 10 yrs	12"D x 60"W NON-ADJUSTABLE, FIXED metal shelf w/mounting brackets.	95.00 19 8.64	92.34 89.87 85.22

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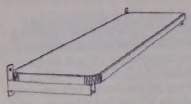
Laminate Test Instrument Shelves



Designed for heavier components, PRODUCTION BASICS Laminate Instrument Shelves feature a 200 lbs capacity and are comprised of 1-1/8" industrial particle board with a laminate top. EAch shelf is secured by a 12-gauge support rail. Laminate is available in NON-ESD WHITE or ESD Light Gray.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 44917 1 EACH	Production Basics 8423 10 yrs	15"Dx60"W Laminate Instrument Shelf NON-ESD WHITE	121.80 30 13.64	118.39 115.23 109.26
34624 1 EACH	Production Basics 8426 10 yrs	15"Dx72"W Laminate Instrument Shelf. NON-ESD WHITE	132.30 30 13.64	128.60 125.16 118.68

Wire Shelves for Workstations

Wire shelves provide a clean technical look and allow ambient light to pass through to the worksurface. rated to 75 pounds distributed weight, they easily attach to the back frame. Ideal for instruments or components for optimum operator performance.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 61996 1 EACH	Production Basics 8403 10 yrs	12"D x 60"W Wire Shelf including mounting brackets	77.20 19 8.64	75.02 73.02 69.23
60747 1 EACH	Production Basics 8416 10 yrs	12"D x 72"W Wire Shelf including mounting brackets	83.80 22 10	81.45 79.27 75.16

Power Strips for Workstations

Production Basics Power Rail features Metal-Oxide Varistor Circuitry holds transients to below 400 volts to protect electronic equipment. 165 joules current clamping suppression protection and 15 amp overload protection is standard on all units. BLACK

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
23603 1 EACH	Production Basics 8323 10 yrs	60" Surge protected power rail 15 Amp/ 120v Black	108.05 10 4.54	105.03 102.22 96.93
22354 1 EACH	Production Basics 8326 10 yrs	72" Surge protected power rail 15 Amp/ 120v Black	113.60 12 5.45	110.38 107.43 101.87

Parts Bin Rails For Workstations

Used for hanging parts storage bins within the operator's primary work zone, these bin rails can be placed anywhere along the height of the open frame. Epoxy Black

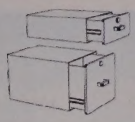
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
58592 1 EACH	Production Basics 8303 10 yrs	60" Bin Rail. Black	27.60 2 0.91	26.79 26.08 24.73
33015 1 EACH	Production Basics 8306 10 yrs	72" Bin Rail	33.10 1 0.45	32.16 31.30 29.68

Tube Footrests for Workstations

Production Basics Tube Footrest consists of a tubular support that stretches the entire width of the bench to provide continous support of the legs and assures operator comfort.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
71408 1 EACH	Production Basics 8663 10 yrs	72" W Tube Footrest	51.45 10 4.54	49.98 48.64 46.12

Drawer Units for Workstations



Heavy guage steel combined with ball bearing runners provide for durability and ease of use. All drawers feature universal mounting holes allowing them to be combined in a myriad of designs. All drawer units come complete with cam locks. A "hold-closed" feature is standard on all units. Durable baked enamel finished in black.

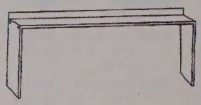
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
59498 1 EACH	Production Basics 8605 10 yrs	6" Deep Drawer unit White Face, Black Frame	132.30 26 11.82	128.60 125.16 118.68
97891 1 EACH	Production Basics 8610 10 yrs	12" Deep Drawer Units Black	161.00 35 15.91	156.47 152.28 144.39

Workbench Accessories [585-15]

If you are buying these, you might need:

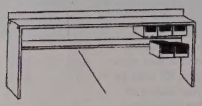
AC Surge protectors. . . . . page 643

Risers



Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
43021 1 EACH	Lyon Metal Products D2629 Lifetime	Dimensions: 18"Hx72"Wx14"D. For use with benches that are 72" wide.	95.70 33.7 15.32	74.17 73.22 71.78

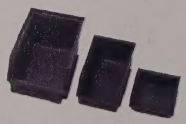
Pick Racks



Installed on risers to provide a surface to hang plastic bins.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
81414 1 EACH	Lyon Metal Products 2631D Lifetime	Overall length: 72". To be used with risers that are 72" wide.	43.80 12.1 5.5	33.95 33.51 32.85

Plastic Bins



Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
35527 1 EACH	Lyon Metal Products 78203 Lifetime	Dimensions: 2"Hx4"Wx4"D. Volume: 16 cu. inches. Blue.	1.65 0.2 0.09	1.28 1.27 1.24
73920 1 EACH	Lyon Metal Products 78206 Lifetime	Dimensions: 3"Hx4"Wx6 1/2"D. Volume: 49 cu. inches. Blue.	4.55 0.4 0.18	3.53 3.49 3.42

NEW = New Listing. Pricing for reference on
See TESSCO.com for latest pricing and produ

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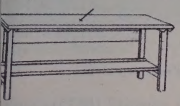
Power Strips

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
41772 EACH	Lyon Metal Products 2663 Lifetime	72" wide, 8 outlets.	75.25 6 2.73	58.32 57.57 56.44

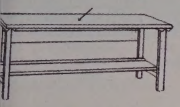
Super Composition Top



This tough,durable top is the best composition on the market today. It provides a 40% harder work surface than laminated hard wood, and a coating resistant to conventional liquids. In addition, the top features a phenolic-board work surface, making it completely urea formaldehyde-free. Overall thickness 1 3/4". 180 degree rounded front edge for user comfort.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
78916 EACH	Lyon Metal Products 2743 Lifetime	Dimensions: 72"W x 28"D. ***Top Only, other parts need to complete table***	245.10 98 44.54	189.96 187.51 183.83

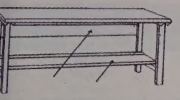
ESD Top



Constructed of 1 5/8" 45-lb density board core with backer sheet on underside and post-forming plastic laminate on top and sides. Chip resistant. Surface resistivity of 1x10E6 to 1x10E9 ohms/square. Complete with grounding cord.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
56951 EACH	Lyon Metal Products D2703 Lifetime	Dimensions: 72"W x 28"D. Dove grey ESD laminate	484.95 110 50	375.84 370.99 363.72

Shelf & Stringers



Includes both the shelf (13 1/4"D) and channel-type stringer (5"W). Shelf has 1" flange at rear for attaching to legs-providing additional reinforcement. Shelf can also be used to store shop supplies and equipment. Both the shelf and stringer, when used together, add to the rigidity of the workbench.

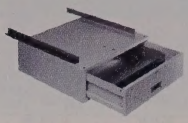
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
58200 EACH	Lyon Metal Products DD2644-1 Lifetime	For use with benches that are 72" wide. Dove grey.	70.80 30 13.64	54.87 54.17 53.10

Legs

Use with Lyon bench tops and accessories. Completely welded construction for durability and rigidity. Set of two.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
57309 PACK	Lyon Metal Products D2750 SET OF 2 Lifetime	Fixed height legs. for 34"H surface, 28" deep. Dove grey	85.40 30 13.64	66.19 65.34 64.05
60881 PACK	Lyon Metal Products D2758 SET OF 2 Lifetime	Adjustable height legs. 28 1/4"- 36 1/4"H x 28"D.	89.70 35 15.91	69.52 68.63 67.28

Bench Drawer



Lyon bench drawers may be used with with Lyon benches, or bolted together to form freestanding storage units. Separate attachment angles supplied with each drawer to permit use on benches of any depth. Drawer operates on ball bearing rollers within its own complete case. Automatic stopslimit drawer travel. Sliding drawer tray. Padlock lockable. (padlock not furnished).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
39274 1 EACH	Lyon Metal Products D2788 Lifetime	Dimensions: 6 3/4"Hx15 3/4"Wx 20"D.	88.10 22 10	68.28 67.40 66.08
38614 1 EACH	Lyon Metal Products 2789 Lifetime	Dimensions: 6-3/4"Hx21-3/4"Wx 20"D.	95.90 26.8 12.18	74.33 73.37 71.93

Leg Levelers

LYON workbench levelers for use with adjustable bench legs. Package of 4.

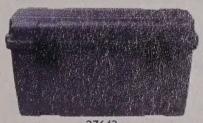
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
52488 4 PACK	Lyon Metal Products 2757 (SET OF 4) Lifetime	Workbench leg levelers to be used with adjustable legs only.Helps to maintain a flat, levelbenchtop surface. 3/8"Dia x 1 1/2"L.	12.20 2 0.91	9.46 9.34 9.15

Tool Boxes [585-20]

If you are buying these, you might need:

Radio/Phone Parts . . . . . page 1794

Tool Tote



27643

Tool tub is big enough to hold power tools, saws etc. Grey non-conductive chemical resistant copolymer resin construction for a really tough tote. Lift out tray included.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Dimensions Finish	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
27643 1 EACH	Flambeau 27800-2 1 yr	Tool Tub 27-1/2x13-3/4x14 Gray plastic finish.	70.80 10 4.54	48.85 48.50 48.14

Plastic Tool Boxes

423103 443022 461005 473163

- Molded-in color with heavy-duty high impact polypropylene resins
- Plastic portables will not dent, rust or mar other surfaces
- All plastic protables have flush tops for convenient stacking and storing
- Sure-grip handle in tote trays prevent tote from accidentally rotating in your hand
- Light-weight and convenient for transporting tools anywhere
- A popular alternative to traditional steel boxes in almost all applications

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Dimensions Finish	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
423103 1 EACH	Waterloo Industries HP1756 1yr	Clear Top Organizer with Large Tray 17.25"wX9.00"dX13.00"h Yellow	24.50 5.3 2.41	16.34 15.07 13.99
443022 1 EACH	Waterloo Industries HP55420 1yr	Sit/Stand/Tote with caddy, 2 wheels 26.25"wX15.50"dX16.75"h	70.05 21.5 9.77	46.71 43.07 39.99

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Dimensions Finish	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
461005 1 EACH	Waterloo Industries HP55421 1yr	Sit/Stand/Tote with strap, 20.75"wX13.50"dX16.75"h Yellow	52.55 13.9 6.32	35.03 32.30 29.99
473163 1 EACH	Waterloo Industries HP2271 1yr	22" Large capacity tool box 22"wX9.5"dX9.75"h 22"wX9.5"dX9.75"h Yellow	26.25 6.5 2.95	17.51 16.14 14.99

Tackle/Tool Box

15865

Rust proof plastic cantilever tool box for organizing tools, parts etc. Copolymer material is resistant to oils and chemicals.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Dimensions Finish	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
15865 1 EACH	Flambeau 19060-2 1 yr	Cantilever tool box. 18-1/2x10-3/4x10-3/8 Gray plastic finish.	64.45 9 4.09	44.46 44.14 43.82

Utility Box With Cantilever Trays

69989

Rust proof plastic cantilever tool box for organizing tools, parts etc. Copolymer material is resistant to oils and chemicals. Ideal for repair kits.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Dimensions Finish	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
69989 1 EACH	Flambeau 18090-2 1 yr	Cantilever tool box. 17-1/2X10-1/4X8-1/2 Gray plastic finish.	44.05 5 2.27	30.37 30.15 29.93

Stand' N Store Tool Box

94808

Sturdy, portable step stool that has large capacity tool box built right in. Includes lift-out tray to organize small parts. Supports up to 305 pounds! This is a versatile home, shop, van, on the job "workshop in a stool".

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Dimensions Finish	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
22129 1 EACH	Flambeau 22500-2 1 yr	Step/Stool/Tool Chest multi-purpose unit. Grey. 21-5/8"x 15"x13-1/4" Matt Grey	47.75 9 4.09	32.93 32.69 32.45
94808 1 EACH	Flambeau 22500-3 1 yr	Step/Stool/Tool Chest multi-purpose unit. Yellow. 21-5/8"x 15"x13-1/4" Safety Yellow	42.75 9 4.09	29.48 29.27 29.05

Service Carts

26060

Service carts made of heavy gauge steel. Feature two tray levelswith 3" sides. Heavy duty casters (two swivel, two fixed) make rolling equipment to the work a breeze. Grey enamel finish.

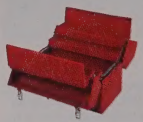
Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Dimensions Finish	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
26060 1 EACH	Lyon Metal Products 3033 Lifetime	24 x 36 service cart. 24"W x 36"D x 32"H Gray metal finish.	177.90 61 27.72	137.88 136.10 133.43

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Dimensions Finish	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
77667 1 EACH	Lyon Metal Products 3030 Lifetime	16 x 30" service cart. Solid steel construction. Includes tubular steel handles and 5 inch diameter Polyflex casters, and two 3 inch deep open type trays. 16"W x 30"D x 32"H Gray finish.	151.95 45 20.45	117.77 116.25 113.97

Metal Tool Boxes



449158

18" split-lid cantilever tool box

- Four cantilever trays with ten adjustable dividers for customized parts organization
- Lid on top trays keep parts in place

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Dimensions Finish	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
449158 1 EACH	Waterloo Industries 50118 1yr	18" split-lid cantilever tool box 18"Wx10"Dx13.25"H Red	123.75 21 9.54	82.52 76.09 70.64

Lage Capacity Tool Box

478136

- "Topper" molded parts storage and organization
- Mar-resustant feet protect other surfaces
- Center hasp and staple accepts padlock for security
- Dual heavy-duty rust-resistant latches
- Comfort-grip handle for easy lifting and moving

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Dimensions Finish	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
478136 1 EACH	Waterloo Industries HM2065 1yr	20" Professional large capacity tool box 20"Wx8"Dx9"H Red	51.40 13 5.91	34.27 31.60 29.34

Tool Chests [585-22]

6 Drawer Tool Chest

458174

Top chest 6 Drawer mechanics' top chest features a total internal capacity 3,490 cubic inches of storage space.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
458174 1 EACH	Waterloo Industries WI-600 life time	6-drawer top chest	318.60 51.5 23.41	212.4 195.9 181.9

NEW = New Listing. Pricing for reference o
See TESSCO.com for latest pricing and prod
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0 Drawer Top Tool Chest

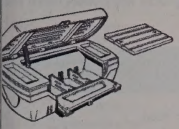
Waterloo 10 drawer tool chest. 26"Wx12"Dx19.75"H Lagre security drawer in chest locks separately. Includes steel tote tray.

425156

- ouble-wall construction provides strength while ducing racking
- he-piece, smooth-action professional drawer des are designed to carry heavy loads
- Full-extension drawer slides for complete access of contents
- High-strength metal handles with over-molded grips for easy lifting

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
5156 ACH	Waterloo Industries WI1000 5 yrs	10 drawer chest with tote tray	450.40 67 30.45	300.40 276.98 257.17

ailgator(TM) Storage Chest



Tailgator is tool chest for sport utilities, mini-vans, & other vehicles. Maximizes storage and organizes items that usually slide from side to side as the vehicle turns corners. Lockable tool chest that provides easy access to lots of tools at once.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
662 ACH	Flambeau 38000 1 yr	Front panel access, removable lid, dividers, subflooring, may be bolted to vehicle floor, Fits behind the "last seat".	97.05 10 4.54	67.60 67.60 67.60

Drawer Base Cabinet

Waterloo 3 drawer base roller cabinet. Bulk storage area in cabinet for organization of containers and large tools. For use with TESSCO sku # 458174.

472194

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
2194 ACH	Waterloo Industries WI-300 life time	3-drawer base cabinet, use with sku # 458174	446.25 96.5 43.86	297.65 274.44 254.81

obile Storage Box

478007 471079

- y mobility for jobsite or shop use
- al recessed and concealed lock protectors for ximum security against drilling and cutting lock it-in skids with holes for easy caster installation
- ge fold-down recessed handles for convenient ng
- Heavy-duty paino hinges with nonremovable pin
- Steel support arms to hold lid in open position
- Convenient storage tray on back wall for small items

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
007 ACH	Greenlee Tools 2460	Mobile Storage Box	419.25 182 82.72	419.21 410.83 398.25
079 ACK	Greenlee Tools 666	Casters for Mobile Storage Box, set of 4	103.95 0.35 0.16	103.95 101.88 98.76

Portable Chest

481103 483128

- Full-extension drawers for organization and easy access
- Generous top storage area
- Fully lockable for total security
- Dual heavy-duty rust-resistant latches
- Comfort-grip handle for easy lifting and moving

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
481103 1 EACH	Waterloo Industries PCH2030 1yr	20" 3-Drawer portable chest	79.85 19.5 8.86	53.25 49.10 45.59
483128 1 EACH	Waterloo Industries PCH1820 1yr	18" 2-Drawer portable chest	62.95 14.5 6.59	41.99 38.71 35.94

Chairs and Stools [585-25]

If you are buying these, you may need:

Workbenches, Complete w/ Accessories . . . . . page 1648
Workbenches, Complete . . . . . page 1649

Industrial Stools

Industrial Work Stools

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
73665 1 EACH	Lyon Metal Products 1858 Lifetime	24" all-welded stool with pressed wood over metal seat. Fixed height.	55.45 11 5	42.98 42.42 41.59

Ergonomic Operational Chair

Padded self-skinning foam seat 15-3/4"w x 14-3/4"d. Backrest depthadjustment 3". Adjustable circular foot ring above stool feet.

57484

- Seat height adjustment 19" to 27"
- Pneumatic lift allows 8" adjustment while seated
- Exceptional durability
- Long-term support
- Ergonomically designed to provide lumbar support

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
57484 1 EACH	Lyon Metal Products 2043 Ltd 10 yr	Basic operational chair with polyurethane seat.	367.55 27 12.27	284.86 281.18 275.67

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Ladders [585-26]

Ladders

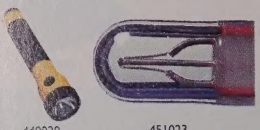
416174 463186 85900

6200 Pro Series Werner EDGE braces provide enhanced bracing strength and increased protection against impact damage. Akuminum knee braces on step below top increase stability. Molded Tool-Tray Top includes drill holster for added convenience

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
416174 1 EACH	Wireless Solutions 3W141 1 Yr	Werner 6' Step Ladder. 300' lb capacity, extra heavy duty. Bright Orange. ANSI type 1A	185.00 21 9.54	133.20 129.50 125.80
463186 1 EACH	Wireless Solutions 3W142 1 Yr	Werner 8' step ladder Ladder. 300' lb capacity, extra heavy duty. Bright Orange. ANSI type 1A	220.00 29 13.18	158.40 154.00 149.60
NEW 484101 1 EACH	Wireless Solutions 3W421 1 Yr	Werner 4' Step Ladder. 300' lb capacity, extra heavy duty. Bright Orange. ANSI type 1A	104.00 15 6.82	81.19 81.19 81.19
85900 1 EACH	Wireless Solutions 3W184 1 Yr	Werner 20' Fiberglass Extension Ladder. 300' lb capacity, extra heavy duty. Bright Orange. In two 10' sections. ANSI type 1A	362.40 44 20	260.93 253.68 246.44

Flashlights [585-30]

Streamlight PolyStinger

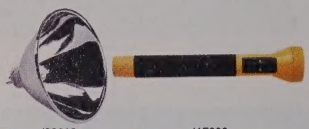


440020 451023

Few lights have changed the rules like Stinger, the most powerful line of rechargeable flashlights for their size ever built. They offer many of the advantages of a full size light, but in a case the lenght of your palm.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Bulb	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
440020 1 EACH	Streamlight Inc. 76024 1yr	with AC/DC fast charger, adjust from spot to flood, yellow 3.7 volt, 6 watt,	169.95 2.35 1.07	98.58 96.88 95.18
451023 1 EACH	Streamlight Inc. 75914 1yr	Replacement bulb for Stinger, Polystinger, Stinger XT, 6 watt	7.00 0.5 0.23	4.06 3.99 3.98
432125 1 EACH	Streamlight Inc. 75175 1 year	3.6 volt, 1.8 Ah sub-C NiCD battery for PolyStinger	22.00 0.25 0.11	12.76 12.54 12.49

Streamlight SL-20XP



432019 417000

The police officers standard for over 20 years, the Streamlight SL-series offers unmatched power for their size.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Bulb	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
432019 1 EACH	Streamlight Inc. 25107 1yr	8 watt pre-focused,	16.00 1 0.45	9.28 9.12 9.09
417000 1 EACH	Streamlight Inc. 25041 1yr	yellow, with AC/DC charger 8 watt pre-focused flashlight,	149.95 2.95 1.34	86.98 85.48 83.98
414100 1 EACH	Streamlight Inc. 25170 1 year	6 volt, 1.8 Ah sub-C NiCD battery for SL-20XP	40.00 0.3 0.14	23.20 22.80 22.71
448143 1 EACH	Streamlight Inc. 22051 1yr	12V DC Charger for the SL Series Flashlights	12.25 1 0.45	7.09 6.97 6.85
65278 1 EACH	Multiplier MSL15 1 year	6.25 volt, 1.1 Ah NiCD battery for Streamlight SL-20XP	48.80 0.3 0.14	25.00 24.65 24.38
420189 1 EACH	W & W Mfg. SL-15 1 year	6.25 volt, 1.8 Ah NiCD battery for Streamlight SL-20XP	30.10 0.3 0.14	21.28 21.18 21.07

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Bulb	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
429141 1 EACH	Streamlight Inc. 22311 1yr	AC cord for SL-20XP Flashlight. 110v.	18.90 0.25 0.11	10.95 10.77 10.58
461121 1 EACH	Streamlight Inc. 22052 1yr	Charge Sleeve for SL-20XP Flashlight	11.15 0.25 0.11	6.45 6.34 6.23

Streamlight LiteBox

411027 476017 475047

The world standard in rechargeable lanterns, LiteBox is joined by its compact, waterproof cousin, Vulcan. Both lights feature bi-pin bulbs providing very powerful outputs, very long run times and virtually unbreakable cases and charging/mountaing racks which meet NFPA requirements.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Bulb	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
411027 1 EACH	Streamlight Inc. 45127 1yr	orange High-Intensity halogen 8 watt, flood,	189.95 9.5 4.32	110.1 108.2 106.3
NEW 460387 1 EACH	Streamlight Inc. 45908 1yr	Flood lamp assembly with bulb 8 watt flood	20.00 0.6 0.27	11.6 11.4 11.3
476017 1 EACH	Streamlight Inc. 45705	yellow High-Intensity xeon dual 8 watt spot,	194.95 9.8 4.45	113.0 111.1 109.1
466192 1 EACH	Streamlight Inc. 45937 1 year	6 volt, 10 Ah sealed lead acid battery for LiteBox	45.00 2 0.91	26.1 25.6 25.5
434056 1 EACH	Streamlight Inc. 45901 30 days	bi-pin 8 watt 100 hr,	8.00 0.8 0.36	4.6 4.5 4.5
475047 1 EACH	Streamlight Inc. 45921 30 days	Dual Filament replacemnt bulb LiteBox bulb, 8 watt,	15.00 0.8 0.36	8.7 8.5 8.5

Streamlight Vulcan

463090

The world standard in rechargeable lanterns, LiteBox is joined its compact, waterproof cousin, Vulcan. Both lights feature bi-p bulbs providing very powerful outputs, very long run times an virtually unbreakable cases and charging/mountaing racks whic meet NFPA requirements.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Bulb	List ($) Wt. (lbs) Wgt. (kg.)	T-1 T-2 T-3
463090 1 EACH	Streamlight Inc. 44200 1 yr	6 watt spot, Dual filament bulb	144.95 3.3 1.5	84. 82. 81.
443128 1 EACH	Streamlight Inc. 44007 1 year	6 volt, 4 Ah sealed lead acid battery for Vulcan	35.00 1.25 0.57	20. 19. 19.

Streamlight Syclone

427062

The Streamlight Syclone has scored a hit with everyone, from fire fighters to camp For starters, it's waterproof to 100 feet and protected to tough Factory Mutual a CSA standards. It has a swiveling head and works as a flashlight, or uses a clever clip for hands-free operation. Dual bulbs offer up to 6,000 candlepower, or an am LED that won't destroy your night vision.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Bulb	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
427062 1 EACH	Streamlight Inc. 13060 1yr	yellow, batteries included 2.2 watt Bi-pin bulb,	39.95 0.75 0.34	23 22 22
423061 1 EACH	Streamlight Inc. 13048 30 days	2.2 watt, 5.2 volt bulb	3.95 0.8 0.36	2. 2. 2.

NEW = New Listing. Pricing for reference See TESSCO.com for latest pricing and prod

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ropolymer

430092

446030 456088

etting a new standard in high performance alkaline powered flashlights, the ProPolymers are ompletely waterproof, extrememly tough and incredibly bright. Their powerful xenon beams an be activated by either a unique momentary tailcap button or locked on with the rotary face ap switch. A non-slip grip is co-molded into almost indestructible engineered polymer case.

art No. ty/Uom	Manufacturer Mfg. P/N Warranty	Description Bulb	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30092 EACH	Streamlight Inc. 68005 1yr	Helmet clamp. Slides into helmet slot.	12.00 0.5 0.23	6.96 6.84 6.81
46030 EACH	Streamlight Inc. 68001 1yr	4AA Propolymer, high intensity Bi-pin,yellow, batteries included high intensity Bi-pin,	31.95 0.5 0.23	18.54 18.22 17.90
55028 EACH	Streamlight Inc. 68007 1yr	lamp assembly	11.50 0.5 0.23	6.67 6.56 6.53
NEW 92170 EACH	Streamlight Inc. 68900 1yr	Replacment Xenon Bulb for 4AA	4.95 0.1 0.05	2.88 2.83 2.82
96143 EACH	Streamlight Inc. 68004 1yr	Helmet clamp with clip.	12.00 0.5 0.23	6.96 6.84 6.81
48048 EACH	Streamlight Inc. 33004 1yr	lamp assembly	11.50 0.5 0.23	6.67 6.56 6.53
56088 EACH	Streamlight Inc. 33000 1yr	3C Propolymer, high intensity Bi-pin, yellow, BATTERIES NOT INCLUDED. high intensity Bi-pin,	34.95 0.6 0.27	20.28 19.93 19.58

treamlight Stylus

423075

The Streamlight Stylus combines the convenience of an ultra-slim pen light with the high intensity LED which lasts 100,000 hours.

rt No. y/Uom	Manufacturer Mfg. P/N Warranty	Description Bulb	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
23075 EACH	Streamlight Inc. 65018 1yr	white LED, batteries included 100,000 hr high intensity bulb,	21.95 0.3 0.14	12.74 12.52 12.30
44061 EACH	Streamlight Inc. 65004 1yr	orange LED, batteries included 100,000 hr high intensity bulb,	17.95 0.3 0.14	10.42 10.24 10.06
74017 EACH	Streamlight Inc. 65006 1yr	red LED, batteries included 100,000 hr high intensity bulb,	17.95 0.3 0.14	10.42 10.24 10.06

treamlight TopSpot

497076

The TopSpot 2 has a tough polymer case that converts instantly from a flashlight to a head lamp with elastromeric grip. TopSpot 2 has a 180 degree tilting reflector for easy targeting of work, plus an adjustable focus beam.

rt No. y/Uom	Manufacturer Mfg. P/N Warranty	Description Bulb	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
97076 EACH	Streamlight Inc. 30005 1yr	4 AA batteries and spare bulb included. Mailing carton packaged. Handheld/ Head lamp Yellow Flashlight	32.45 0.8 0.36	18.83 18.50 18.18
8078 EACH	Streamlight Inc. 30010 30 days	Krypton bulb TopSpot2 5.2 volt 2.2 watt,	4.00 0.2 0.09	2.32 2.28 2.27

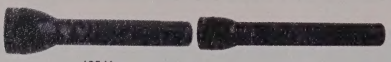
Mini MAGLITE Flashlights

25760 64153 84551

Mini MAGLITE, smallest MAGLITE on the market.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Bulb	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
25760 1 EACH	MagLite AAA MAGLITE Lifetime	Anodized Aluminum flashlight. Adjusts from spot to flood. Includes 2 AAA batteries.	10.50 0.37 0.17	8.61 8.56 8.40
64153 1 EACH	MagLite AA MAGLITE Lifetime	Annodized aluminum flashlight. Adjusts from spot to flood. Includes nylon belt holster and two AA batteries.	12.95 0.25 0.11	10.62 10.56 10.36
84551 1 EACH	MagLite AA MAGLITE Lifetime	Annodized aluminum flashlight. Adjusts from spot to flood. Presentation package includes two AA batteries.	12.95 0.37 0.17	10.62 10.56 10.36

MAGLITE C & D Cell Flashlight



12546 50939

MAGLITE Anodized aluminum flashlight. Beam of light adjusts from spot to flood. Order appropiate batteries separately. Black anodized aluminum case for rugged use.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Bulb	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
12546 1 EACH	MagLite 2C MAGLIGHT Lifetime	Anodized aluminum flashlight. Adjusts from spot to flood. Requires 2 C cell batteries. Order 90704 (12 pack C batt) separately	21.00 0.37 0.17	17.22 17.12 16.80
57599 1 EACH	MagLite 2D MAGLIGHT Lifetime	Anodized aluminum flashlight. Adjusts from spot to flood. Requires 2 D cell batteries. Order 33410 (12 pack D batt) separately	21.25 0.37 0.17	17.43 17.32 17.00
50939 1 EACH	MagLite 3D MAGLIGHT Lifetime	Anodized aluminum flashlight. Adjusts from spot to flood. Requires 3 D cell batteries.	23.50 0.37 0.17	19.27 19.16 18.80
89332 1 EACH	MagLite 4D MAGLIGHT Lifetime	Anodized aluminum flashlight. Adjusts from spot to flood. Requires 4 D cell batteries. Order 33410 (12 pack D batt) separately	24.50 1.2 0.55	20.09 19.97 19.60

Rechargable MagLite

13568

Mag charger system. Battery pack is rechargable up to 1,000 times. Features a state-of-the art electro-formed reflector, incredibly bright high intensity halogen lamp, solid state electronics, adapters for both home and car and a 360 degree ChargingRingso it can be mounted and recharged in any position.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Bulb	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
13568 1 EACH	MagLite RX1019 Lifetime	Anodized aluminum flashlight. Adjusts from spot to flood. Includes 12VDC and 120VAC power cords and 6 volt 2.2 amp hour 5 cell NiCd rechargable battery.	117.00 3.53 1.6	95.94 95.36 93.60

Replacement Rechargeable Batteries

79455

Rechargable NiCd flashlight batteries for Mag-Lite, Streamlite and other models.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Bulb	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 417360 1 EACH	Streamlight Inc. 20170 1 year	Replacement battery stick for SL-20X	50.00 0.3 0.14	29.00 28.50 28.37

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Bulb	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
482091 1 EACH	LexStar Tech. S522 1 year	6.0V, 2200mAh NiCD replacement battery for Mag-Lite ML5000 and Streamlite SL20, SL20X. N/A	28.25 1.5 0.68	14.41 14.35 14.11
79455 1 EACH	Multiplier MSL 20 1 year	6.25 V, 2200 mAh, 5 cells, 1/2D sized cells. 1.24 x 7.13 . For Mag-Lite, Streamlite and other models.	44.90 1.5 0.68	23.00 22.68 22.43

6-in-1 Versalite

33130

6 lites in one. Features 6000 candlepower Xenon lamp. Swivelhead (O ring sealed) and polycarbonate case. Includes a large clip suitable for caps, hardhats, clothing or visors, strong saddle magnet, and AAA batteries. FM, CSA, MSHA approved non-incendive.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Bulb	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
33130 1 EACH	Pelican Products 2250 1 yr	Multiple position lite with visor, clothing clip. Black Xenon	32.45 0.16 0.07	17.23 16.73 16.22

AAA Waterproof Xenon Light

42724

60365

33937

Xenon fires flashlight is waterproof to 600 f. Made of unbreakable polycarbonate resin. FM, CSA, CENELEC, and AUS approvednon-incendive. Includes a holding magnet, shirt clip, and Xenon lamp module. Lights are available in various colors: yellow, red, blue, black, white, orange, and neon green.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Bulb	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
42724 1 EACH	Pelican Products 1900C 1 yr	Mitylite (2 AAA batteries included) -- Yellow color. Xenon	20.10 0.16 0.07	10.67 10.36 10.04
60365 1 EACH	Pelican Products 1900C 1 yr	Mitylite (2 AAA batteries included) -- black color. Xenon	20.10 0.16 0.07	10.67 10.36 10.04
33937 1 EACH	Pelican Products 1900C 1 yr	Mitylite (2 AAA batteries included) -- neon green color. Xenon	20.10 0.16 0.07	10.67 10.36 10.04

Water Proof Flashlight Kit

Xenon fires flashlight is waterproof to 600 feet. Made of unbreakable polycarbonate resin. FM, CSA, CENELEC, and AUS approvednon-incendive. Includes a holding magnet, shirt clip, Xenon lamp module, key chain ring, LiteBender and red night vision lens. Packaged in a clear plastic display box. Flashlight body is black.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Bulb	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37912 1 EACH	Pelican Products 1950-BLACK 1 yr	Mitylite (2 AAA batteries included) with Litebender in a display box, clear. Xenon	29.05 0.16 0.07	15.42 14.97 14.51

Heads Up Light

73176

Watertight to 500 ft. FM, CSA, CE and MSHA approved non-incendive. Includes two krypton lamps, one high intensity and one low intensity. Adjustable beam, large on-off switch. Corosion proof ABS polymer. Uses 4 AA-cells, included. Black.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Bulb	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
73176 1 EACH	Pelican Products 2600CS 1 year	Heads Up lite with cloth strap, for Bare head or use with a hat. Krypton Bulb	58.55 0.5 0.23	31.09 30.17 29.26

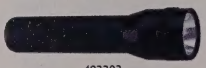
Streamlight Spetor

496306

The combination of brilliant LEDs in this headlamp places the new Septor in a class by itself. Its piercing light comes from seven super bright white LEDs each with a life of 100,000 hours so you will never have to replace a bulb again. The LEDs provide 3-way, hands free lighting for short, medium, and long distances. Plus, a 90 degree tilting head lets you zero in on the source you're illuminating. Constructed of virtually indestructible polymer, the new Septor has a fully adjustable straps for the ultimate in hands-free LED lighting.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Bulb	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 496306 1 EACH	Streamlight Inc. 61007 1yr	3 AAA batteries included,elastic strap, 150hr battery life 7 100,000 white LEDs	49.95 0.4 0.18	28.98 28.48 27.98

Streamlight Scorpion



483303

With variable spot-to-flood focus, the Streamlight Scorpion is ideal for professional or personal use. Scorpion's spare bulb is located in its lamp holder assembly

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Bulb	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 483303 1 EACH	Streamlight Inc. 85004 1yr	4.9", Black, 4.4oz Xenon gas filled bi-pin	65.50 0.25 0.11	37.99 37.34 36.68

Strreamlight Stinger

414164

445119

Combact, sturdy aluminum bod 7 3/8" long and up to 15000 ca dlepower. Adjustable focus, spar bulb with a 10 hour snap in charger.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Bulb	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
414164 1 EACH	Streamlight Inc. 75014 1yr	3.7V, 6 watt, up to 15000 candle power, 2 holders, AC/DC charger	149.95 2.44 1.11	86.9 85.4 83.9
NEW 445119 1 EACH	Streamlight Inc. 75013 1yr	XT Flashlight. Made of aluminum, nicad 3.6v, 1.8amp hour, sub-C; rechargeable up to 1,000 times. Up to 15,000 candlepower. Includes AC/DC Steady charger	164.95 2.5 1.14	95.6 94.0 92.3

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00,000 Candlepower Lanterns

19916

100,000 candlepower Xenon lamp. 12 volt (8 D cells not incl) High impact polycarbonate lense and ABS housing. Dual filament lamp with 60 hours of life. Combination pistol grip, lantern handle converts to multiple positions. Operates 10-12 hours on 8 D-Cells.

rt No. /Uom	Manufacturer Mfg. P/N Warranty	Description Bulb	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
9916 ACH	Pelican Products 4000MS 1 yr	12V 100,000 candlepower lantern. Modified Spot. Black housing. Order 33410 (12pk D Batteries) separately. Xenon	134.90 2.6 1.18	71.65 69.54 67.43

lakita Flashlights

24813

99753

Enhancements over the ML900, push button switch and pivoting head design to get to those hard to reach places, same accessories applicable.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description Bulb	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
813 ACH	Makita U.S.A., Inc. ML902 1 year	Strong dependable light source. Adjusts from spot to flood. Up to 2hrs from one charge. Order batt.(27508) and charger (47759) separately.	43.85 1.5 0.68	38.68 36.53 34.60
753 ACH	Makita U.S.A., Inc. ML702 1 year	Compact/lightweight.3 pos. adjustable head for lighting at a variety of angles. Up to 1.75 hrs of lighting from one charge. Orderbattery (15543) & charger (47759) separately.	39.70 1.5 0.68	35.02 33.07 31.33

orklights

Reeled worklight accepts incandescent light bulbs

111
ed 6A-125V
ludes outlet in handle

- 18/3 Cord
- Metal gaurd/reflector

No. Uom	Manufacturer Mfg. P/N Warranty	Description Bulb	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
111 ACH	Bayco Products Inc. SL-450 30 Days	Reeled Worklight with 20 feet of cord --	36.10 4.71 2.14	34.29 33.21 31.04

orklights

Worklight features 18 gauge, 3 conductor SJTW-A type wire. Rated for 100W bulb, at 10 amps.

22
3 cord
tch and Grounded Outlet in handle

- Metal Guard/reflector

No. Uom	Manufacturer Mfg. P/N Warranty	Description Bulb	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
122 ACH	Bayco Products Inc. SL-425 30 Days	Worklight with 25' of cord --	10.50 2.02 0.92	9.98 9.66 9.03

Reeled Flourescent Worklight

51734

Smartlight standard series is rugged and affordable. Cool 13Watt energy efficient lamp, non-glare reflector, and a retractable cord reel.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Bulb	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
51734 1 EACH	Bayco Products Inc. SL651 90 days	Rated 6A-125V with 20' cord. 33594 13 Watt	39.90 4.71 2.14	28.31 27.91 27.51

Flourescent Worklights

90127

Portable worklight. Shatter resistant housing. Stays cool while in use.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Bulb	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
90127 1 EACH	Bayco Products Inc. SL600 90 days	Rated 6A-125V with 20' cord. 12" bulb. 33594	28.65 4.71 2.14	20.32 20.04 19.75

Reeled Flourescent Worklight

81264

Pro-Series light duty fluorescent work light. Retractable steel reel. Grounded side receptacle on the yellow polypropylene handle. Features end light, high impact lamp shield, and adjustable hook/stand.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Bulb	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
81264 1 EACH	Bayco Products Inc. SL-825 90 days	Rated 12A-125V with 35' useable 16/3 cord. 10,000 hour 13 Watt	78.00 10.36 4.71	74.10 71.76 67.08

Fourescent Light with Clamp

64983

Flourescent task lamp with felxible gooseneck. 12 foot 18/2 SVT cord. Has in-line ballast with a push button on/off switch

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Bulb	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
64983 1 EACH	Bayco Products Inc. SL-640 30 Days	Task Lamp with clamp. --	42.40 2 0.91	40.25 38.98 36.43

Fluorescent Worklight

87908

Pro-Series heavy duty fluorescent work light. 25' light duty cord. Grounded side receptacle on the yellow polypropylene handle. Features end light, high impact lamp shield, and adjustablehook/stand.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Bulb	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
87908 1 EACH	Bayco Products Inc. SL-935 90 days	Rated 12A-125V with 25' 16/3 cord. Sku 33594 for bulb.	37.25 4 1.82	35.35 34.24 32.01

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Replacement Bulb

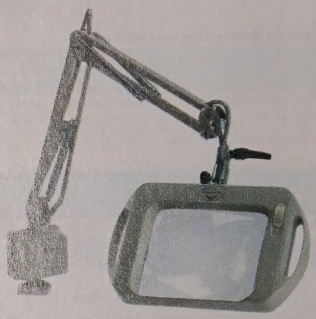
33594

13 Watt replacement bulb. White.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Bulb	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
33594 1 EACH	Bayco Products Inc. SL103 90 days	Replacement bulb for all Bayco flourescent work lights --	5.50 1 0.45	3.90 3.89 3.89

Illuminated Magnifiers [585-31]

OC White VISION LITE



O.C. White Vision-Lite 2000 is a state of the art magnifying light for viewing small electronics. Illumination intensity can adjusted with the stroke of a finger. Large 7.5"X 6.2", 3 diopter (1.75X) lens is largest on the market. ESD safe shade.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Bulb	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 424368 1 EACH	O.C. White Co. 72400-4GF Lifetime	O.C.White ESD SAFE VisionLite illuminated magnifier; 4d Lens; 43" Ultraflex Arm, clamp-on; Lt. Gray. Glare Free	414.50 9 4.09	337.22 323.81 310.88
NEW 419394 1 EACH	O.C. White Co. 72400-4GF-BL Lifetime	O.C.White ESD SAFE VisionLite illuminated magnifier; 4d Lens; 43" Ultraflex Arm, clamp-on; BLACK. Glare-free bulb	414.50 9 4.09	337.22 323.81 310.88
NEW 493389 1 EACH	O.C. White Co. 72400GF Lifetime	O.C.White, ESD Safe Vision-Lite Magnifier; 3d Lens; Clamp-On arm; Glare-Free Bulb. WHITE Glare-Free	388.55 9 4.09	316.10 303.53 291.41
NEW 494346 1 EACH	O.C. White Co. 72400GF-BL Lifetime	O.C.White, ESD Safe, Vision-Lite Magnifier; 3d Lens; Clamp-On base. BLACK. Glare-Free	388.55 9 4.09	316.10 303.53 291.41
80896 1 EACH	O.C. White Co. 72400EZ-GF Lifetime	OC White, ESD Safe, Vision-Lite glare-free magnifier; 3d lens; 43" Lamp-on Arm; Lt. Gray Glare Free	476.25 17.61 8	357.16 357.16 357.16
45339 1 EACH	O.C. White Co. 13392 30 Days	Glare Free Replacement Bulb for OC White Vision Lite 72400EZ,72300GFW Glare Free	40.00 0.69 0.31	30.00 30.00 30.00
NEW 418324 1 EACH	O.C. White Co. 13394 30 Days	O.C.White 34W Cool White Bulb for Vision-Lites, Cool White	30.70 1 0.45	23.02 23.02 23.02
NEW 437350 1 EACH	O.C. White Co. 13393 30 Days	O.C.White 34W UltraViolet (UV) bulb for Vision-Lites Ultra-Violet (UV)	51.15 1 0.45	38.36 38.36 38.36
NEW 495364 1 EACH	O.C. White Co. 13226 Lifetime	Protective Shield for OC White VisionLites to protect Bulb	10.25 0.8 0.36	7.67 7.67 7.67

ProLite DMSC Magnifing Lamp

OCWhite Dual-Mag PROLITE Illuminated manifiers is your economic magnification choice. It features 3 Diopter lens & 10d clip-on lens. 2-13W cool white bulbs mounted on an industrial arm.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Bulb	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 410320 1 EACH	O.C. White Co. DMSC-W 5 Years	OCWhite Dual-Mag PROLITE Illuminated magnifier with 3 Diopter & 10 Diopter Clip-on lesns mounted on an industrial arm. Cool White Bulbs. Lt Gray finish (2) Cool White Bulbs	130.00 8 3.64	97.49 97.49 97.49
NEW 417310 1 EACH	O.C. White Co. DMSC-B 5 Years	OCWhite PROLITE Illuminated magnifier with 3d + 10d clip-on lens. Black finish. ESD Safe (2) Ultra-Violet bulbs	130.00 8 3.64	97.49 97.49 97.49
NEW 425373 1 EACH	O.C. White Co. DMXLC-B 5 Years	OCWhite PROLITE Illuminated Magnifier, U-V bulbs. Black Finish. ESD Safe Ultra-Violet	200.55 8 3.64	150.39 150.39 150.39
NEW 427399 1 EACH	O.C. White Co. 13367 30 Days	O.C.White Replacement 8" , 22W bulb for DMSC series Flourscent	10.40 0.75 0.34	8.45 8.12 7.79
NEW 429354 1 EACH	O.C. White Co. DMXLC-W 5 years	PROLITE 7.5"x6.2", 3 (1.75x) diopter magnifying light; 10 diopter clip on lens. Clamp-on base. White Cool White	200.55 8 3.64	150.39 150.39 150.39
NEW 449341 1 EACH	O.C. White Co. DMLC-B 5 Years	ProLite 7"x 5.75" Magnifying lamp, 3 diopter & 10 diopter clip on lens. Clamp-on arm. Black Cool White	180.40 8 3.64	135.28 135.28 135.28
NEW 453364 1 EACH	O.C. White Co. 13359 30 Days	O.C.White Replacement 13 watt bulb for DMXLC/ DMLC	13.85 0.75 0.34	10.37 10.37 10.37
NEW 473390 1 EACH	O.C. White Co. DMLC-W	ProLite 7"x5.75" 3 diopter magnifing lamp with 10 diopter clip on lens. Clamp-on base. Lt Gray finish Cool White	180.40 8 3.64	135.28 135.28 135.28

OC White BIG EYE Magnifing Lamp

O.C.White Big Eye illuminated ESD-SAFE magifier features a large, 7.5" optical lens in your choice of clamp on, screw-on on lab style bases. Cool White Bulb; Lt Gray finish. UL. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Bulb	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 451333 1 EACH	O.C. White Co. 31900-4 GF Lifetime	O.C.White Big Eye illuminated ESD-SAFE magifier. Lab base. Lt Gray. Cool White	391.15 9 4.09	318.2 305.5 293.3
NEW 456354 1 EACH	O.C. White Co. 31900GF Lifetime	O.C.White Large, 7.5" diameter Magnilite w LAB BASE, ESD safe Glare-Free	347.90 9 4.09	283.0 271.7 260.9
58132 1 EACH	O.C. White Co. 53139 Lifetime	O.C.WHITE BIG EYE 5" Magnifying Lamp. Clamps to table. 45" reach. Flourescent	187.20 11.62 5.28	152.2 146.2 140.4
71346 1 EACH	O.C. White Co. 13367 30 Days	O. C. WHITE replacement bulb for the 5" magnifying lamp model 53139. Cool White	13.35 0.4 0.18	10.0 10.0 10.0
85153 1 EACH	O.C. White Co. 13363 30 Days	Glare Free Replacement Bulb for BIG EYE Glare Free	33.35 0.69 0.31	25.0 25.0 25.0

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OC White Draftsman Lamp

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Bulb	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 6309 EACH	O.C. White Co. 41739 Lifetime	O.C.White Twin Tube Draftsman type, portable weighted base Twin Flourescent	187.80 9 4.09	152.77 146.70 140.84
NEW 0318 EACH	O.C. White Co. 43139 Lifetime	Task light, Draftsman type twin tube, 45", clamp-on 2-Floruescent	165.30 9 4.09	134.47 129.12 123.96
NEW 6373 EACH	O.C. White Co. 13369 30 Days	15 watt replacement bulb for twin tube draftsman-type lamps Cool White	8.20 1 0.45	6.14 6.14 6.14
NEW 8346 EACH	O.C. White Co. 13449 30 Days	O.C.White Protective caps for bulbs to cover ends set of 4	8.20 1 0.45	6.14 6.14 6.14

C White HALO Magnilite Lamp

O.C.White Exclusive Halo Magnilite, 45" arm clamp-on base with Easy on the eye shade, Black, USA

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description Bulb	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 8339 ACH	O.C. White Co. 73138-G Lifetime	O.C.White Halo Magnilite, 45" arm clamp-on base, Black 22W	112.50 7 3.18	91.52 87.88 84.37

C White MAGNALITE Magnifing Lamp

O.C.White 5" ESD SAFE Magnilite are designed for the electronic's production and rework work station. You get to choose from: Clamp-on, screw-down or portable bases; 3 or 5 diopter lens; Cool White or UV Bulb; in Lt Gray or Black. USA

nuing product table (1 of 2)

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description Bulb	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 6389 ACH	O.C. White Co. 32400-5 Lifetime	O.C.White Deluxe MAGNILITE, 5diopter lens, clamp-on base. White Cool White	242.30 8 3.64	197.12 189.28 181.72

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Bulb	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 448374 1 EACH	O.C. White Co. 53139-UV Lifetime	O.C.White 5" Magnilite 3 Diopter lens Illuminated Magnifier features a 45" flex arm, clamp-on base, UV Bulb. Lt. Gray finish. 120V Ultra-Violet (UV) Bulb	207.70 7 3.18	168.96 162.24 155.76
NEW 461327 1 EACH	O.C. White Co. 51739 Lifetime	O.C.White Magnilite Magnifier w/25" flex arm, weighted base, Lt. Gray. Cool White Bulb.	223.30 10 4.54	181.64 174.41 167.45
NEW 461375 1 EACH	O.C. White Co. 32400 Lifetime	O.C.White ESD Safe Magnilite clamp on base. Lt Gray finish. Cool White	229.35 8 3.64	186.56 179.14 171.99
NEW 471306 1 EACH	O.C. White Co. 53139 Lifetime	O.C.White 5" ESD SAFE Magnilite; 3 diopter lens; 45" base. Lt Gray. Cool White	180.00 7 3.18	146.44 140.61 135.00
NEW 483311 1 EACH	O.C. White Co. 14015 30 Days	O.C.White 3 diopter add-on lens for any 5"Magnilite	30.30 0.7 0.32	24.64 23.66 22.72

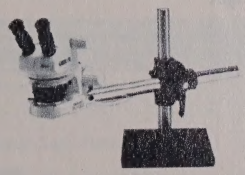
OC White EXHAUST-A-LITE Fan Lamp

O.C.White Exhaust-a-Lite is a light and fan removal system removes smoke while dispensing light improving working conditions. 5" 100CFM Fan; 22W

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Bulb	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 473338 1 EACH	O.C. White Co. 25300 Lifetime	O.C.White Exhaust-a-Lite 9" shade; 100CFM Fan; Cool White	289.90 14 6.36	235.84 226.46 217.42

Microscopes [585-32]

ESD Safe Microscope



The MeijiTechno ESD safe Stereozoom Microscope provides excellent resolution for an affordable price. Magnification ranges from 3.5x to 30x with the accessories provided. The state of the art OC WHite Micro-Lite flourescent illuminator is dimmable and comes with an anti-reflective bulb. All mounted on a OC White swing-arm stand.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Bulb, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
498121 1 EACH	O.C. White Co. TKMZ-73 Lifetime	Flourescent Meiji Stereozoom Microscope; 10X wide-field eyepieces, .5X supplementary lens, OC White stand, MicroLite illuminator.	2,762.85 54 24.54	2,365.11 2,353.17 2,348.39

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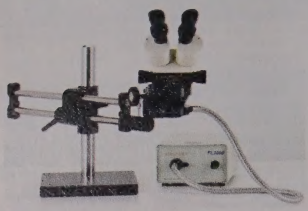
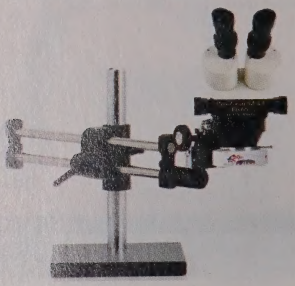
Microscope, Fiber Optic Ring Light



ProLite Stereo-Zoom system, complete with 10x eyepieces. .5x lens, stand and Fiber Optic Ring Light

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Bulb, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 464364 1 EACH	O.C.White Co. TKSZ-A 5 Year	Fiber Optic Ring Light ProLite Stereo-Zoom System & Stand	2,067.00 21 9.54	1,550.23 1,550.23 1,550.23

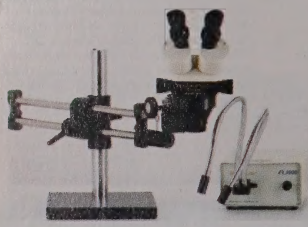
Microscope, Fluorescent Ring Light



ProLite Stereo-Zoom system, complete with 10x eyepieces. .5x lens, stand and Fluorescent Ring Light

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Bulb, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 453311 1 EACH	O.C.White Co. TKSZ-F 5 Year	Fluorescent Ring Light ProLite Stereo-Zoom System & Stand	1,606.40 21 9.54	1,204.78 1,204.78 1,204.78

Microscope, Fiber optic Dual Point Light



ProLite Stereo-Zoom system, complete with 10x eyepieces. .5x lens, stand and Fiber optic Dual Point Light

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Bulb, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 486313 1 EACH	O.C.White Co. TKSZ-D 5 Years	Fiber optic Dual Point Light ProLite Stereo-Zoom System & Stand	2,014.00 21 9.54	1,510.50 1,510.50 1,510.50

Microscope, Lab Base Fiber Dual Point

ProLite Stereo-Zoom system, complete with 10x eyepieces. .5x lens, Lab Base and Fiber optic Dual Point Light

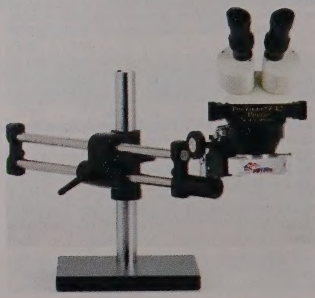
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Bulb, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 460360 1 EACH	O.C.White Co. TKSZ-LF 5 Years	Fiber optic Dual Point Light ProLite Stereo-Zoom System on Lab Base	915.50 21 9.54	686.60 686.60 686.60

Microscope, No Light

ProLite Stereo-Zoom system, complete with 10x eyepieces. .5x lens, Lab Base and Fiber optic Dual Point Light

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Bulb, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 473359 1 EACH	O.C.White Co. TKSZ 5 Years	No light ProLite Stereo-Zoom System & Stand	1,376.10 21 9.54	1,032.0 1,032.0 1,032.0

Microscope, Fluorescent on Flex Arm



ProLite Stereo-Zoom system, complete with 10x eyepieces. .5x lens; Fluorescent ring light on flex arm.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Bulb, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 471341 1 EACH	O.C.White Co. TKSZ-FAF 5 Years	Fluorescent ring light on flex arm. ProLite Stereo-Zoom System, on flex arm.	2,071.60 21 9.54	1,553. 1,553. 1,553.

NEW = New Listing. Pricing for reference on
See TESSCO.com for latest pricing and produ
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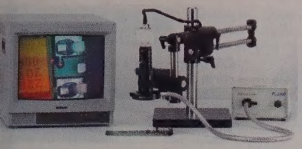
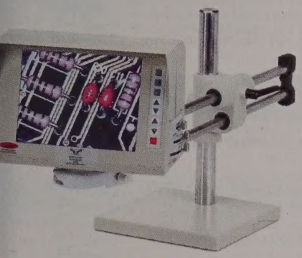
Microscope, Monocular Zoom System



ProLite Mono-Zoom system is designed for board re-work and repair. It features a .7-4.5x lens complete with .5x lens, stand and light and features a heavy-duty weighted base.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Bulb, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 421397 EACH	O.C. White Co. TKVZ-A 5 Years	Fluorescent Ring Light ProLite Mono-Zoom System & Stand	3,165.55 21 9.54	2,374.14 2,374.14 2,374.14

Super Scope Magnification System



A production viewing system that will enhance and simplify many functions done in the manufacturing area today. The ability to inspect, assemble, repair and more - without the strains and pains of daily use of microscopes.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Bulb, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 51322 EACH	O.C. White Co. TKSS-40 Lifetime	O.C. White Ergonomic LCD Video System w base	5,176.10 21 9.54	3,882.05 3,882.05 3,882.05

Microscope, Trinocular w/Fiber Ring

ProLite Trinocular Stereo-Zoom System with base, camera, monitor & .5x lens/light

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Bulb, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 7395 EACH	O.C. White Co. TKTZ-A 5 Years	Fluorescent Ring Light ProLite Trinocular Stereo-Zoom System with Base, Camera, Monitor	3,736.70 21 9.54	2,802.50 2,802.50 2,802.50

Microscope, Trinocular, w/Fiber Dual

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Bulb, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 430393 1 EACH	O.C. White Co. TKTZ-D 5 Years	Fluorescent Ring Light ProLite Trinocular Stereo-Zoom System with Base, Camera, Monitor	3,679.10 21 9.54	2,759.32 2,759.32 2,759.32

Fume Extraction [585-34]

Fume Extractors

19858

ESD Safe, carbon activated fume absorber. Flux creates "pineresin" which create noxious fumes causing headaches and nausea. This unit quickly removes those fumes from the work area and filters them safely. Mounted on a 37" arm allowing easy movement and placement. Clamps to table. Black. UL/CSA fan; IEC Cord. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 421381 1 EACH	O.C. White Co. A1001 30 Days	O.C. White Carbon filter for 50020, 5 pack	21.65 1 0.45	17.60 16.90 16.23
NEW 19858 1 EACH	O.C. White Co. 50020 10 years	Fume absorber Fume absorber	270.85 11.62 5.28	220.36 211.59 203.14

ESD-Safe Smoke Absorber

47906

Designed to remove solder flux fumes and other workplace fumes from the operator's breathing zone. Harmful fumes are drawn through an activated carbon impregnated foam filter. The air is filtered, cleaned and returned to the workplace. Features high air flow fan (35CFM), three height adjustments, three pre-drilled holes for mounting and static safe housing. It measures 8.7"W x 10.6"H x 6.6"D, operates on 115 VAC, 50/60 Hz, 17 Watts and comes complete with three filters.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
47906 1 EACH	PACE 8884-0920 1 Year	ESD-Safe Personal Smoke Absorber	95.00 3.5 1.59	95.00 94.05 93.58

Static-Safe Fume Extractor

24487

The FUMINATOR features ultra-quiet operation and a patented rotating fan/filter assembly for superior performance. Adjustable working angle. Easy filter replacement.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
24487 1 EACH	Edsyn FXF14 1 Year	Compact Static-Safe FUMINATOR Bench Top Fume Extractor Fan with Round Base and SR538 12VDC Transformer.	94.50 2 0.91	94.50 86.94 83.16

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Metcal BVX-100 Bench Fume Extraction

460197

This unit meets the needs of both single users and today's fast-paced, flexible manufacturing. Compare this system to larger, multi-user machines and you will find the BVX-100 System requires no installation, offers flexible operation, has a small, space-saving footprint, and matches the air flow of large multi-user systems. The BVX-100 system features quiet operation and a bi-colored LED light to indicate blocked filters. Set the 12" wide plenum on the bench and turn it on for instant fume extraction. Harmful and irritating fumes, particles and vapors are immediately removed from your operator's breathing area. If you need the flexibility to move the collection device to the sorce of the fumes, and innovative adapter transforms the plenum into an arm extraction system.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 460197 1 EACH	Metcal BVX-101 45 days	Bench Top Fume Extractor with arm/plenum system , pre, HEPA and gas filter.	670.00 20 9.09	670.00 661.29 652.58

Brooms, Dust Pans, Seat/Floor Covers [585-38]

Seat Protector Covers

50699

Slip-n-Grip seat protectors use a patented two-ply plastic that clings to the seat while allowing technicians to slide in and out of the car without rumpling the seat protector.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
50699 500 PACK	Wireless Solutions 6000-88V 90 days	Seat covers 33" x 14"LP roll of500 covers.	84.55 19.05 8.66	65.11 61.73 59.61
37485 1 EACH	Wireless Solutions FB-P9943-54 90 days	Wall rack to hold seat or floor cover rolls. Dispenser.	157.50 18.15 8.25	121.28 114.98 111.04

Floor Protection Covers

89092

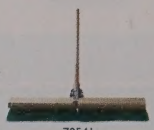
Slip-n-Grip floor protectors with patented two-ply plastic that clings to stay in place. Rugged plastic, won't tear or soak through like paper.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
89092 500 PACK	Wireless Solutions 6000-721 90 days	Floor Covers 21"x 16.5" roll of500 covers.	51.10 12 5.45	39.35 37.31 36.03

Push Brooms

479133

484077



70541

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
479133 1 EACH	Wireless Solutions 3H386	7 1/2" whisk broom	9.20 0.3 0.14	6.61 6.43 6.25
484077 1 EACH	Wireless Solutions 5W636 30 days	Plastic Dust Pan. One-piece molded plastic eliminates sharp edges and maintaines a straight edge on floor for more efficient pick-up. Has molded-in teeth for counter dusting/cleaning. Can be used with broom for most commercial and industrial floor sweeping.	5.40 1 0.45	3.89 3.78 3.68
70541 1 EACH	Wireless Solutions 24" BROOM 30 days	24" push broom with handle and brace.	33.25 4 1.82	29.90 29.90 29.90

Extension Cords, Outlet Strips [585-40]

Extension Cords

412025

493043

448079

OSHA approved 3 conductor extension cords .UL Listed.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
412025 1 EACH	Bayco Products Inc. SL-757 30 days	25 foot, 12/3 extension cord SJTWA	20.45 3 1.36	17.28 16.42 15.99
493043 1 EACH	Bayco Products Inc. SL-758 30 days	50 foot, 12/3 extension cord SJTWA	36.00 6 2.73	30.42 28.91 28.16
430079 1 EACH	Bayco Products Inc. SL-759 30 days	100 foot, 12/3 extension cord SJTWA	60.00 10 4.54	50.70 48.18 46.92
437048 1 EACH	Bayco Products Inc. SL-752 30 days	25 foot, 14/3 extension cord SJTWA	15.10 2.2 1	12.73 12.10 11.78
489038 1 EACH	Bayco Products Inc. SL-753 30 days	50 foot, 14/3 extension cord SJTWA	20.50 2.2 1	17.33 16.47 16.04
466054 1 EACH	Bayco Products Inc. SL-754 30 days	100 foot, 14/3 extension cord SJTWA	33.10 2.2 1	27.94 26.55 25.86
448079 1 EACH	Bayco Products Inc. SL-725 30 days	25 foot, 16/3 extension cord SJTWA	7.00 2.2 1	5.92 5.63 5.48
467030 1 EACH	Bayco Products Inc. SL-750 30 days	50 foot, 16/3 extension cord SJTWA	13.50 3 1.36	11.41 10.85 10.56
495070 1 EACH	Bayco Products Inc. SL-751 30 days	100 foot, 16/3 extension cord SJTWA	16.00 6 2.73	13.52 12.85 12.52

Extension Cords with Tri-Tap

416051

490080

466034

Heavy Duty extension cords feature tri-tap out let.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
416051 1 EACH	Bayco Products Inc. SL-740 30 days	25 foot, 14/3 extension cord SJTWA with Tri-Tap.	21.10 2.2 1	17.83 16.95 16.50
490080 1 EACH	Bayco Products Inc. SL-741 30 days	50 foot, 14/3 extension cord SJTWA with Tri-Tap.	30.15 3 1.36	25.47 24.21 23.57
466034 1 EACH	Bayco Products Inc. SL-745 30 days	50 foot, 14/3 extension cord SJTWA with Tri-Tap.	48.10 6 2.73	40.63 38.61 37.60

GFIC Ground Fault Extensions

482084

Super Flexible cord with ground fault interrupt circuit for maximum safety. Manual test and reset buttons. UL listed, OSHA apprvd.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
482084 1 EACH	Bayco Products Inc. SL-749 30 days	3 outlet, 2 foot GFIC extension cord. Heavy 12 ga wire.	49.85 2.33 1.06	47.3 45.8 42.8

TESSCO TECHNOLOGIES

NORTH AMERICA 800-472-7373
REST OF WORLD +1 410-229-1200
FAX 410-527-0005
WWW.TESSCO.COM

NEW = New Listing. Pricing for reference on
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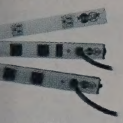
Outlet Strip

15079

6 outlet AC surge protector. Built in safety circuit breaker, 15 amps maxcontinuous. Spike protection, 3 wire plug. 3.5 ft cord. Protect on Hot, Neutral and Ground. See Surge Protect.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
15079 EACH	GC/Waldom 64-631 90 days	AC Power Tap 6 outlet surge protector outlet strip with 3.5' cord. 3 wire plug	17.75 1.72 0.78	16.55 15.40 15.07

Multiple Outlet Strips



36353

Tripp Lite multiple outlet strips (no surge or line noise protection) provide convenient outlets wherever they are needed. Locking switch covers and snap-in receptacle covers are included. Ideal for mounting inside rack enclosures, on walls or work benches. Sturdy metal housing stands up to demanding network, lab, or factory environments. These general purpose mosels have a master switch and locking switch safety cover to eliminate risk of accidental shut off.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36353 EACH	Tripp Lite PS2408 Lifetime	24-inch, 8-outlet power strip with 15A circuit breaker, illuminated on/off switch, locking switch safety cover, and 15' cord.	65.00 3.2 1.45	44.52 42.25 39.00
36420 EACH	Tripp Lite PS4816 Lifetime	48-inch, 16-outlet power strip with 15A circuit breaker, illuminated on/off switch, locking switch safety cover, and 15' cord.	76.00 4.2 1.91	52.06 49.40 45.60
36424 EACH	Tripp Lite PS6020 Lifetime	60-inch, 20-outlet power strip with 15A circuit breaker, illuminated on/off switch, locking switch safety cover, and 15' cord.	94.00 5 2.27	64.39 61.10 56.40
36439 EACH	Tripp Lite PS7224 Lifetime	72-inch, 24-outlet power strip with 15A circuit breaker, illuminated on/off switch, locking switch safety cover, and 15' cord.	98.00 5.6 2.55	67.13 63.70 58.80

Waber by Tripp Lite Metal-Duplex Series

8395

Waber by Tripp Lite Metal Duplex Series power strips feature a lower profile contoured design. Applications include offices, workstations, laboratories, computer equipment, store displays, and more.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 8395 EACH	Tripp Lite 4SPDX Lifetime	8-inch, 4-outlet power strip with 15A circuit breaker, illuminated on/off switch, 6' cord, and seamless steel housing with baked-on finish. Keyhole slot mounting. UL1363.	16.80 3.2 1.45	11.49 10.90 10.06
NEW 3344 EACH	Tripp Lite 6SPDX Lifetime	13-inch, 6-outlet power strip with 15A circuit breaker, illuminated on/off switch, 6' cord, and seamless steel housing with baked-on finish. Keyhole slot mounting. UL1363.	17.40 3.2 1.45	11.91 11.30 10.43
NEW 1364 EACH	Tripp Lite 6SPDX-15 Lifetime	13-inch, 6-outlet power strip with 15A circuit breaker, illuminated on/off switch, 15' cord, and seamless steel housing with baked-on finish. Keyhole slot mounting. UL1363.	22.40 4 1.82	15.32 14.54 13.42

Reeled Outlet Extension

65020

Retractable cord reel, has three grounded outlets with rugged steel case and hanging hardware.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
65020 EACH	Bayco Products Inc. SL-800 30 Days	Reeled Extension Cord. 30 ft of 16/3 Cord.	44.00 8.08 3.67	41.80 40.48 37.84

Reeled Outlet Extension

65014

Retractable cord reel, (16/3 cord) has four grounded outlets and circuit breaker(10A), yellow/black color.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
65014 1 EACH	Bayco Products Inc. SL-755 30 Days	Reeled Extension Cord. 15ft of 16/3 Cord.	18.00 4 1.82	17.10 16.56 15.48

Master Cord Reel

65021

Master series Tri-tap cord reel. Includes 50 feet of 14/3 cord.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
65021 1 EACH	Bayco Products Inc. SL-890 30 Days	Reeled Extension Cord. 50 ft of 14/3 Cord.	180.00 10 4.54	171.00 165.60 154.80

Cable and Wire Handling Equipment [585-45]

If you are buying these, you may need:

Automotive Hookup Wire . . . . . page 1762

Wire Caddy and Dispenser

57371

These all welded steel frame wire caddies have six wirespool axles with spring slip locks and collapsible wire guide. holes. Included is a swivel caster set with two locking casters for easy installation into pre-drilled caster mounting holes.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
57371 1 EACH	Greenlee Tools 906 1 Year	Wire caddy and dispenser for storing, transporting or feeding wire. Capacity: Six 500' spools up to 8" in diameter of #6 thru #10 AWG 600volt wire.	134.65 10 4.54	134.63 131.94 127.90

Wire Cart and Dispenser

97013

These large capacity carts are excellent for storing transporting or feeding wire. May be used and stored vertically and horizontally and includes built-in wire guide for horizontal dispensing. Five reel axles with spring clip retainers plus two positions for axle storage allows you to confiqure for large reelswith no loose parts. Strong, lightweight, tubular steel welded construction with rugged 8" wheels. Cart will pass through a 28" opening.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
97013 1 EACH	Greenlee Tools 911 1 Year	Wire cart and dispenser for storing, transporting or feeding wire. 8" wheels. Capacity: Six 2,500 spools up to 16" in diameter.	398.50 62 28.18	398.50 390.53 378.58

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Reel Stand

424271

- Wide welded steel base for added stability
- Roller bearings fit in the spindle groove to keep the spindle in place and turning freely
- Two stands and a spindle required for a complete set up

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 424271 1 EACH	Greenlee Tools 687	Screw Type Reel Stand. Holds 28" to 56" reel diameter, up to 2500 lbs. 28" maximum height.	237.45 25 11.36	237.41 232.67 225.54

Parts Bins [588-10]

If you are buying these, you may need:

Workbenches, Complete ..... page 1649
AGC Style Fuses, Taps, Holders ..... page 1716
Butt Connectors ..... page 1729

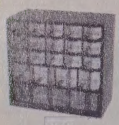
Metal Frame Storage Cabinets/Bins

76939

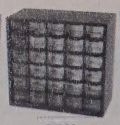
Space saving storage cabinet constructed of solid metal frame with-welded shelves to ensure maximum stability. The drawers can be compartmentalized to meet individual needs. Built-in drawer tabs prevent drawers from falling out. May be mounted to wall or bench.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color, Overall Dimensions, Bin Dimensions	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
76939 1 EACH	Flambeau 24A 1 yr	24 clear plastic drawers blue metal frame cabinet 11.25" x 12.13" x 5.75" overall, 1.38" X 2.50" drawers	30.15 7 3.18	20.79 20.64 20.49

Plastic Frame Storage Cabinets



68534



55320

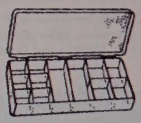
93713

Space saving storage cabinet constructed of sturdy plastic frame and shelves to ensure long life. The drawers can be compartmentalized to your needs. Built-in drawer tabs prevent drawers from falling out. May be mounted to wall or benchtop.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color, Overall Dimensions, Bin Dimensions	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
68534 1 EACH	Flambeau C20P 1 yr	20 drawers, 15ea 1-3/8 x 2 x 5-5/16, 4ea 2-1/4 x 2-1/2 x 5-5/16, and one 2-1/4 x 11 x 5-5/16 drawers. Grey cabinet with clear drawers 11.25" X 12.0" x 6" overall	21.45 3.65 1.66	14.78 14.68 14.57
16927 1 EACH	Flambeau C26P 1 yr	26 drawers, 15ea 1-3/8 x 2 x 5-5/16, 8ea 2-1/4 x 2-1/2 x 5-5/16, 2ea 2-1/4 x 5-5/16 x 5-5/16 and one 2-1/4 x 11 x 5-5/16 drawers. Grey cabinet with clear drawers 16.50" H X 12.0" W x 6" D overall	29.00 5.5 2.5	20.01 19.87 19.72
55320 1 EACH	Flambeau U30P 1 yr	30 drawers, 1-3/8 x 2 x 5-5/16 Grey cabinet with clear drawers 11.25" X 12.0" x 6" overall	22.95 4 1.82	15.83 15.72 15.60
93713 1 EACH	Flambeau U45P 1 yr	45 drawers, 1-3/8 x 2 x 5-5/16 Grey cabinet with clear drawers 16.50" X 12.0" x 6" overall	29.00 5.5 2.5	20.01 19.87 19.72

Part Boxes

29342

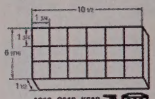


45380

Durable and tough part boxes made to hold small parts, screws, washers, etc. Made of Translucent polypropelene for a tough case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color, Overall Dimensions, Bin Dimensions	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
29342 1 EACH	Flambeau T219 1 yr	12 compartment part box with hinged lid; 6-1/2 x 3 x 1" Translucent 1 5/8 x 1" bins	2.60 0.25 0.11	1.80 1.79 1.77
45380 1 EACH	Flambeau T201 1 yr	12 compartment part box with hinged lid. Translucent 7.5 "L X 6 "W X 1.5" D overall. bins: 1.25 x 1.25, 2 of 1.25 x 4, 4 of 1.25 x2	3.70 1 0.45	2.54 2.52 2.50
56756 1 EACH	Flambeau T824 1 yr	24 compartment part box with hinged lid. Translucent 12"L X 8"W x 2"D overall 2" x 2" bins	7.65 1.5 0.68	5.28 5.24 5.21
71219 1 EACH	Flambeau K824 1 yr	24 compartment k-resin, clear 12"L X 8"W X 2"D 2" x 2" bins	12.70 2 0.91	8.77 8.70 8.64

Part Boxes, 9-3/4 x 6 x 1-1/2"



43542

Durable and tough part boxes made to hold small parts, screws, washers, etc.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color, Overall Dimensions, Bin Dimensions	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
20674 1 EACH	Flambeau T616R 1 yr	6 compartment part box with hinged lid. Divider system allows from 4 to 16 compartments. Translucent 1-1/2" x 1-1/2 x up to 10-1/2" compartments.	6.10 1 0.45	4.19 4.16 4.13
43542 1 EACH	Flambeau T618 1 yr	18 compartment part box with hinged lid. Translucent 1 5/8 x 1 7/8 x 1 1/2 bins	6.10 1 0.45	4.19 4.16 4.13

Mighty Tuff parts Boxes

54380

Durable and tough part boxes made to hold small parts, screws, washers, etc. Made of transparent cellulose propionate material with rustproof bra hinge pins. Resistant to most common chemicals.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color, Overall Dimensions, Bin Dimensions	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
42415 1 EACH	Flambeau 5204CL 1 yr	4 compartment part box with hinged lid. Transparent 4-1/2 X 2-3/4 X 1-1/8" overall 2" x 1-1/4 bin dimensions	4.60 0.17 0.08	3.16 3.13 3.11
67594 1 EACH	Flambeau 5128CL 1 yr	6 compartment part box with hinged lid. Transparent 7 x 4 x 1-1/16" overall, 1" x 3-7/8 bin dimensions	7.25 0.41 0.19	5.00 4.96 4.93
95271 1 EACH	Flambeau 5130CL 1 yr	6 compartment part box with hinged lid. Transparent 12-1/4 X 6-7/8" X 1-1/4" overall	13.40 2.17 0.99	9.22 9.16 9.09
15987 1 EACH	Flambeau 5127CL 1 yr	11 compartment part box with hinged lid. Transparent 7 x 4 x 1-1/16" overall,	7.25 0.41 0.19	5.00 4.96 4.93
54380 1 EACH	Flambeau 5126CL 1 yr	17 compartment part box with hinged lid. Transparent 7 x 4 x 1-1/16" overall,	7.25 0.41 0.19	5.00 4.96 4.93
29201 1 EACH	Flambeau 5129CL 1 yr	24 compartment part box with hinged lid. Transparent 12-1/4 X 6-7/8" X 1-1/4" overall 1-7/8 x 1-3/8" bin dimensions.	13.40 1 0.45	9.22 9.16 9.09

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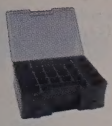
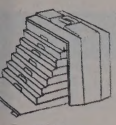
Satchel-Style Part Cases



Satchel-style cases are made of rugged plastics with double draw bolt latches, pinned hinges, and tongue and groove cover. Case is odor and oil resistent.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color, Overall Dimensions, Bin Dimensions	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
77847 EACH	Flambeau 999-2 1 yr	One-sided case with Infinite Divider system, 16 removable dividers included. Translucent 13-1/4"x 10-1/2"x 2-1/8"	15.45 2 0.91	10.64 10.57 10.49
42293 EACH	Flambeau 748-2 1 yr	Two sided case with 9 to 24 compartments per side. Grey 15" X 11.75" X 5"	45.65 4.1 1.86	31.49 31.26 31.03
93900 EACH	Flambeau 724-2 1 yr	One-sided case with 9 to 24 compartments and 15 removable dividers. Grey 15" X 11.75" X 2.50"	22.50 3 1.36	15.50 15.39 15.28
65497 EACH	Flambeau T6004 1 yr	Tuff-Tainer: 15-3/4 x 8-1/2 x 1-1/2". Includes 20 dividers for customization of 4 to 24 compartments. Detachable Lid. Polypropylene. 1	6.20 1.06 0.48	4.25 4.22 4.19

Tool and Part Chest



41044

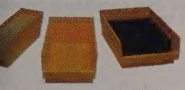
53009

Industrial grade, high quality drawer chest, molded from ABS plastic material. Resistent to oil, chemicals, and common solvents. Ideal for storage of precision tools, hardware, and small parts. Each has a self storing front door panel with a padlockfor security.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Color, Overall Dimensions, Bin Dimensions	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
41044 EACH	Flambeau 2275-2 1 yr	Contains five drawers, four with compartments for small parts and one for tools. Brown/tan outside, orange drawers 19.50" X 10.38" X 15"	157.15 18.3 8.32	108.43 107.65 106.86
53009 EACH	Flambeau 22060 1 yr	Contains six drawers, four with compartments for small parts and two for smalltools. Grey outside, orange drawers 19.50" X 10.38" X 15"	113.60 17.1 7.77	78.37 77.81 77.24
79437 EACH	Flambeau 2277-2 1 yr	Contains seven drawers, four with compartments for small parts, two with compartments for larger sized parts, and one for small tools. Brown/tan outside, orange drawers 19.50" X 10.38" X 15"	157.15 19.28 8.76	108.43 107.65 106.86

Plastic Bin Boxes [588-35]

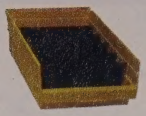
Plastic Bin Boxes



Constructed of durable, one piece plastic. Impervious to moisture,grease, and oil. Each box will accept up to seven dividers bought separately.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Dimensions Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
12305 EACH	Lyon Metal Products 53186 Lifetime	One piece shelf box for 18" deep shelf. Buy dividers (12846) separately. 6.63"W X 4"H Yellow	3.75 1 0.45	2.91 2.87 2.82
45519 EACH	Lyon Metal Products 53128 Lifetime	One piece shelf box for 12" deep shelf. Buy dividers (51239) and cups (89632) separately. 8.25"W X 4"H Yellow	3.40 0.66 0.3	2.64 2.61 2.55
58733 EACH	Lyon Metal Products 53124 Lifetime	One piece shelf box for 12" deep shelf. Buy dividers (64453) separately. 4.13W X 4"H Yellow	1.95 0.46 0.21	1.52 1.50 1.47
70698 EACH	Lyon Metal Products 53188 Lifetime	One piece shelf box for 18" deep shelf. Buy dividers (51239) and cups (89632) separately. 8.25"W X 4"H Yellow	5.10 0.8 0.36	3.96 3.91 3.83
83912 EACH	Lyon Metal Products 53184 Lifetime	One piece shelf box for 18" deep shelf. Buy dividers (64453) separately. 4.13"W X 4"H Yellow	2.70 0.66 0.3	2.10 2.07 2.03
97126 EACH	Lyon Metal Products 53126 Lifetime	One piece shelf box for 12" deep shelf. Buy dividers (12846) separately. 6.63"W X 4"W Yellow	3.10 0.66 0.3	2.41 2.38 2.33

Shelf Box Dividers

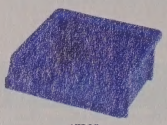


64453

Plastic dividers subdivide plastic boxes to maximize use of storage space.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Dimensions Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
12846 1 EACH	Lyon Metal Products 53106 Lifetime	Divider for sku 97126 and sku 32305 Black in color Black	0.90 0.08 0.04	0.67 0.66 0.65
51239 1 EACH	Lyon Metal Products 53108 Lifetime	Divider for sku 45519 and 70698 Black in color Black	2.10 0.12 0.05	1.63 1.61 1.58
64453 1 EACH	Lyon Metal Products 53104 Lifetime	Divider for sku 58733 and sku 83912 Black in color Black	0.85 0.04 0.02	0.63 0.62 0.61
89632 1 EACH	Lyon Metal Products 53110 Lifetime	Cups for sku 45519 and 70698. 3.25"W X 2"D X 3"H Translucent	0.70 0.25 0.11	0.53 0.52 0.51

Plastic Bin Boxes



67285

Constructed of durable, one-piece plastic. Impervious to moisture,grease, and oil. Each box will hang on rails or stack.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Dimensions Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
42106 1 EACH	Flambeau 60Y 1 yr	Parts bin box 4-7/8W x 5-1/8L X 2" Tall Yellow	1.15 0.17 0.08	0.79 0.79 0.78
67285 1 EACH	Flambeau 60B 1 yr	Parts bin box 4-7/8W x 5-1/8L X 2" Tall Blue	1.15 0.11 0.05	0.79 0.79 0.78
15678 1 EACH	Flambeau 120B 1 yr	Parts bin box 4-7/8W x 6-5/8L X 3" Tall Blue	1.80 0.25 0.11	1.23 1.22 1.21
80499 1 EACH	Flambeau 120Y 1 yr	Parts bin box 4-7/8W x 6-5/8L X 3" Tall Yellow	1.80 0.25 0.11	1.23 1.22 1.21
28892 1 EACH	Flambeau 240Y 1 yr	Parts bin box 4-7/8W x 8-7/8L X 3-7/8" tall Yellow	2.65 0.25 0.11	1.81 1.80 1.79
54071 1 EACH	Flambeau 240B 1 yr	Parts bin box 4-7/8W x 8-7/8L X 3-7/8" tall Blue	2.65 0.34 0.15	1.81 1.80 1.79
91402 1 EACH	Flambeau 480Y 1 yr	Parts bin box 4-7/8W X 12"L x 5-7/8" tall Yellow	4.35 0.85 0.39	3.01 2.98 2.96
92464 1 EACH	Flambeau 480B 1 yr	Parts bin box 4-7/8W X 12"L x 5-7/8" tall Blue	4.35 0.65 0.3	3.01 2.98 2.96
93251 1 EACH	Flambeau 240R 1 yr	Parts bin box 4-7/8W x 8-7/8L X 3-7/8" Tall Red	2.65 0.85 0.39	1.81 1.80 1.79
30928 1 EACH	Flambeau 480R 1 yr	Parts bin box 4-7/8W X 12"L x 5-7/8" Tall Red	4.35 0.85 0.39	3.01 2.98 2.96

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Vises [590-10]

Helping Hands Work Holder

14537

Helping Hands springclip work holder. Holds items in any position. Dual clip action.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
14537	Grobet	Helping Hands Work Holder	14.25	14.25
1 EACH	54.095		0.04	13.19
	30 Days		0.02	12.83

PanaVise Jr. Vise

76663

Overall height 6.75"(17.1cm) Head rotate& swivels 360 degreeBase is die cast zinc with a fiber reinforced thermal plastic alloy jaw. Heat resistant to 400 degrees F (204C)great for soldering.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
76663	PanaVise	PanaVise Jr. Vise	24.00	23.03
1 EACH	201		1.4	22.80
	1 yr		0.64	22.44

Standard Vise

85593

18274

Fits model 303 standard head. Will withstand intermit tent heat to 300 degrees F.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
85593	PanaVise	Standard Vise	45.00	43.19
1 EACH	301		3	42.75
	1 yr		1.36	42.07
18274	PanaVise	Replacement Nylon Vise-Jaws	2.80	2.68
1 EACH	343		0.06	2.66
	1 yr		0.03	2.61
56667	PanaVise	Replacement Teflon Jaws	12.00	11.51
1 EACH	352		0.07	11.40
	1 yr		0.03	11.22

Complete Vacuum Base Combo

68632

Tilts, turns, rotates. Consists of a model 303 standard head on a 380 base. Grips any non-porous surface.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
68632	PanaVise	Complete Vacuum Base Vise Combo	58.00	55.67
1 EACH	381		3.22	55.10
	1 yr		1.46	54.23

Weighted Base

20772

Cast iron construction with anti-skid base pads. Three screws and nut included for mounting. Weighs 5 Lbs. (2.3 kg).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
20772	PanaVise	Weighted Base	30.00	28.79
1 EACH	308		5.25	28.50
	1 yr		2.39	28.05

Vacuum Base

30239

Attaches instantly with a firm grip to any smooth non-porous surface. Holds any 300 seriesPanavise heads.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30239	PanaVise	Vacuum Base	34.00	32.63
1 EACH	380		2.18	32.30
	1 yr		0.99	31.79

Low Profile Base

72379

Versatile movement accomplished by single control knob and spli ball features. Only 2.5" (6.35cm) high. For 5/8" (1.6cm) shaft. 3 mounting holes.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
72379	PanaVise	Low Profile Base	21.00	20.15
1 EACH	305		1.5	19.95
	1 yr		0.68	19.63

Standard Height Base

90314

Versatile movement accomplished by one single control knob and split ball. 3.75" (9.53cm) in height. For 5/8" (1.59cm) shaft.Has 3holes. PanaVise's most popular seller!

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
90314	PanaVise	Standard Height Base	21.00	20.15
1 EACH	300		1	19.95
	1 yr		0.45	19.63

Tray base Mount

97558

Cast aluminum tray provides stable work platform, yet is easily por ble. Fits 300 series visebases.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
97558	PanaVise	Tray base Mount	20.00	19.15
1 EACH	312		2.31	19.00
	1 yr		1.05	18.70

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Standard Head

33986

2.5" (6.35cm) wide. Opens to 2.25"(5.7cm). 2.12" (3.4cm) in length. 5/8"(1.59cm)in diameter. Fits 300, 305, & 380 bases.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
33986 EACH	PanaVise 303 1 yr	Standard Head	25.00 1.5 0.68	23.99 23.75 23.37

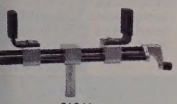
Circuit Board Holder

45951

Accepts PC boards from .5" (1.3cm) to 12" (30.5cm) wide. Adjustable arm allows for holding of all shapes of PC boards. Fits all 300 series vises.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
45951 EACH	PanaVise 315 1 yr	Circuit Board Holder	33.00 1.35 0.61	31.67 31.35 30.85

Extra Wide Opening Head

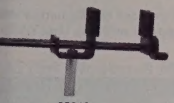


81846

Self-centering. Jaws open to 9"(22.9cm) wide. Fits all 300 series bases. Can accomodate heavier objects. Jaws are reversible.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
81846 EACH	PanaVise 376 1 yr	Extra Wide Opening Head	46.00 2.29 1.04	44.15 43.70 43.01

Wide Opening Head



95060

A versatile, generalpurpose electronics head created for production lines, technicians, and designers. Jaws are reversible. Open a full 6" (15.2cm) wide to hold most PCboards.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
95060 EACH	PanaVise 366 1 yr	Wide Opening Head	34.00 1 0.45	32.63 32.30 31.79

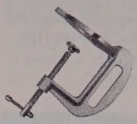
Soldering Iron Stand

43453

Combination soldering iron holder and holder for spools of solderor wire. Two nib sponges included.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
43453 EACH	PanaVise 371 1 yr	Soldering Iron Stand	12.00 0.39 0.18	11.51 11.40 11.22

Bench Clamp Base Mount



59165

For model 300 or 305bases. Allows for mounting without drilling holes in the work surface. Clamps to the edge of a work bench or table.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
59165 1 EACH	PanaVise 311 1 yr	Bench Clamp Base Mount	40.00 2.93 1.33	38.39 38.00 37.40

Pencil Soldering Irons, Soldering Gun [600-10]

If you are buying these, you may need:

Solder And Supplies . . . . . page 1675
Soldering Aids . . . . . page 1677
Soldering Iron Replacement Parts . . . . . page 1678
Desoldering Tips . . . . . page 1686

12 Volt Soldering Iron

For field servicing. Operates from 12V batteries. 2 wire cord terminates in battery clips. U.L. listed. Uses Weller PT series tips.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Power Rating Temp.	Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
63128 1 EACH	Weller TCP12P 1 yr	40 watt 700 F	PTD7 screwdriver interchangeable	124.85 0.02 0.01	93.63 88.14 84.40

Miniature Pencil Iron

Lightweight pencil thin soldering iron w/ break resistant stay cool handle. For soldering miniature heat and voltage sensitive components. UL listed, 110V. Uses Weller MP series tips.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Power Rating Temp.	Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
49914 1 EACH	Weller WM120 1 yr	12W 800 F	MP131 conical point Interchageable, 110V	51.00 0.23 0.1	38.25 36.01 34.48

Weller Pencil Irons

Stainless steel barrel construction. Double coated screwdriver tip, pencil styling. U.L listed Uses Weller ST series tips.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Power Rating Temp.	Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
84886 1 EACH	Weller WP25 1 yr	25 Watt 750 F	ST1 screwdriver tip Interchangeable,110V	44.40 0.33 0.15	33.27 31.32 29.99
33114 1 EACH	Weller WP35 1 yr	35W 750 F	ST1 screwdriver tip Interchangeable,110V	55.85 0.5 0.23	41.88 39.43 37.75

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Weller Pencil Irons

Weller irons utilize changeable handles, heaters and tips. 3 wire grounded, acid/flux resistant handles. U.L. listed, 110V. Uses Ungar PL series tips.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Power Rating Temp.	Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
10560 1 EACH	Weller SL325 45 day	23 W 700 deg F	PL111 pencil point tip, 110V.	44.70 0.4 0.18	33.50 31.53 30.19
48953 1 EACH	Ungar SL335 45 day	33 W 800 deg F	PL113, Chisel tip 110V.	47.45 0.4 0.18	35.58 33.50 32.07
87346 1 EACH	Weller SL345 45 day	45 W 900 F	PL133, Long taper chisel tip, 110V.	50.30 0.4 0.18	37.70 35.49 33.98

Controlled Output Pencil Irons

Plug-in heating element barrel assembly. Can take 600F, 700F, or 800F tip. Available with 3 wire cord (W60P-3). Uses Weller CT series tips.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Power Rating Temp.	Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
83637 1 EACH	Weller W60P 1 yr	60 Watts 600,700,800 F	CT5A7 screwdriver included, 120V.	84.00 0.45 0.2	62.97 59.28 56.76
45244 1 EACH	Weller W60P-3 1 yr	60 Watt 600,700,800 F	CT5A7 700 deg. included, 110V.	91.20 0.49 0.22	68.40 64.39 61.66

100 Watt Pencil Iron

Plug-in heating element barrel assembly. Can take 600F, 700F, or 800F tip. Use with PH or SF series base. U.L.listed. Uses Weller CT series tips.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Power Rating Temp.	Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
11521 1 EACH	Weller W100PG 1 yr	100 Watts 600,700,800 tips	CT6F7 screwdriver included, 120V.	81.25 0.87 0.4	60.92 57.35 54.91
97712 1 EACH	Weller W100P-3 1 yr	100 Watts 600,700,800 tips	CT6F7 screwdriver included,3 WIRE CORD	98.40 0.87 0.4	73.77 69.45 66.50

Heavy Duty Pencil Iron

Extra heavy duty "Marksman" iron for demanding jobs like sheet metal work. Long life iron plated tip. Stand. Uses Weller MTG series tips.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Power Rating Temp.	Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
46493 1 EACH	Weller SP175 1 yr	175 Watt 900 F	5/8" screwdriver MTG40 tip, 110V.	76.20 1.47 0.67	57.12 53.77 51.49

Solder Guns

95602

94353

Fingertip, trigger selection of low or high output. Instant heat gun, ready in 6 seconds. Light illuminates work. Soldering hints booklet included. U.L. listed. Uses Weller solder gun tips.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Power Rating Temp.	Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
95602 1 EACH	Weller 8200 1 yr	100/140 Watts 110V	7135 tip	46.00 2.34 1.06	34.47 32.45 31.07

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Power Rating Temp.	Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
94353 1 EACH	Weller D550 1 yr	200/260 Watts 110V	7250 tip	62.45 3.09 1.4	46.83 44.34 43.71
83608 1 EACH	Weller D650 1 yr	300/200 Watts 110V	7250 tip	84.40 3.65 1.66	63.29 59.91 59.07

Solid State Solder Gun

Fast 6 second heat up. Changeable powerheads gives choice of 600F or 700F. Slim, long reach barrel has double-coated tip U.L. listed, 110V. Uses GT7A replacement power heads (SKU 32030 or 57209).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Power Rating Temp.	Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
96326 1 EACH	Weller GT7A 1 yr	150 W 700 deg F, 110V	7A head with .187" chisel tip	83.35 0.62 0.28	62.49 58.83 56.33

Cordless Soldering Irons [600-12]

Portasol SuperPro Kit

87163

80537

Features: Piezo ignition, stainless steel soldering iron, anti-static, clearly visible gas guage, iron plated tips. Complete kit includes: SuperPro iron, sponge, stand, PSI7 and PSI8 solering tips, PSI9 hot air tip, PSI10 hot knife.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Fuel Run Time	Heat Range	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
87163 1 EACH	Weller PSI100K 1 yr	Butane 120 minutes	Up to 1100 F.(593 C)	112.65 0.92 0.42	91.23 90.10 87.29
80537 1 EACH	Weller PSI100C 1 yr	Butane 120 minutes	Up to 1100 F.(593 C)	85.00 0.62 0.28	68.85 68.00 65.88

Self Igniting Pyropen

Lightweight butane operated iron. Self igniting button make getting the iron ready in a snap (30 seconds). Uses Weller WPT series tips.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Fuel Run Time	Heat Range	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
33279 1 EACH	Weller WPA-2 1 yr	Butane 3 hours	392-932 F.(200-500C)	161.35 0.2 0.09	120.9 114.5 112.9

Mini Butane Soldering Iron

Lightweight portable butane operated mini soldering iron. Dual function solder iron and brazing torch. Tips last up to times longer than conventional tips. Includes: Uses Weller WPT series tips.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Fuel Run Time	Heat Range	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
20065 1 EACH	Weller WST2 1 yr	Butane 1/2 Hour	482-842 F.(200-450C)	118.55 0.21 0.1	88.9 83.6 80.1

NEW = New Listing. Pricing for reference o
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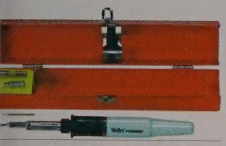
Soldering Equipment and Supplies

Portasol Butane Solder Irons

Low cost butane solder iron. Flint striker. Features a safety cutoff switch when cap is replaced. Uses Weller T series tips.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Fuel Run Time	Heat Range	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36128 EACH	Weller P-1-C 1 yr	Butane 90 minutes	Up to 850 F.(454 C)	40.50 0.17 0.08	32.79 32.39 31.38

PyroPen Kit



Lightweight Pyropen runs on butane. Ready to solder in 30 seconds. (non self igniting). Includes: screwdriver tip, hot air tip, torch ejector, spanner, sponge and support clip in a metal protective carry case. Uses Weller WPT tips.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Fuel Run Time	Heat Range	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
71672 EACH	Weller WSTA3 30 Days	Butane. 3 hours	392-932 F.(200-500C)	147.70 0.98 0.45	110.75 104.25 99.82

MASTER Econolron Model EI-20K

The MASTER Econotron is a basic, butane-powered heat tool kit that includes a: butane-powered soldering heat tool, solder tip, heat tip, torch tip, hot knife, solder and sponge.

444374

- It contains unit, solder tip, heat tip, torch tip, hot knife tip, coil of 60/40 solder, sponge and tool rest packed in rugged plastic case
- Completely portable, lightweight and easy to handle
- Economically priced
- Temperatures up to 2370∞F/1300∞C
- Started with flint lighter built in the cap
- Use to pinpoint heat, silver solder, solder and desolder, shrink heat shrink tubing, strip insulation with hot knife, torch material and more

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Fuel Run Time	Heat Range	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 444374 EACH	MASTER APPLI-ANCE EI-20K 1 Year	Butane 60 min	Temperatures up to 2370∞F/ 1300∞C	36.55 1 0.45	30.45 28.66 26.50

MASTER Ultratorch Model UT-100Si

MASTER Ultratorch UT-100Si is a self-igniting, butane-powered soldering iron/heat tool w/built-in fuel filter for consistent ignition and adjustable temp to 1200∞F.

413360 483320

- Professional quality, self-igniting, butane-powered soldering/heat tool
- Built-in fuel filter for consistent fuel ignition
- Adjustable temperature up to 1200∞F
- Built-in window indicates fuel level
- Dual function soldering iron and heat tool
- Use to pinpoint heat, remove surface mount components, repair vinyl, shrink heat shrink tubing, solder and desolder, spot dry, and more
- Optional accessories available and interchangeable between UT-100 and UT-100Si

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Fuel Run Time	Heat Range	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 413360 EACH	MASTER APPLI-ANCE UT-100SI 1 Year	Butane 120 min	482∞ F to 932∞ F	114.55 1 0.45	95.42 89.81 83.05
NEW 483327 EACH	MASTER APPLI-ANCE 70-01-02 30 Days	N/A N/A	3.3mm dia. Chisel soldering tip for MASTER APPI Model UT-100SI	13.85 0.5 0.23	11.52 10.84 10.02

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Fuel Run Time	Heat Range	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 483320 1 EACH	MASTER APPLI-ANCE 70-01-52 30 Days	N/A N/A	5.7 O.D./4.9 I.D. (mm) heat tip	13.85 0.5 0.23	11.52 10.84 10.02

MASTER Ultratorch Model UT-35

A professional quality, economical, self-igniting Ultratorch

453314

- Standard with UT-35 iron with protective cap and a unique 1.6mm chisel type preheat tip mounted.
- Completely portable, lightweight and easy to handle, does not require cords, batteries or cartridges.
- Adjustable temperature control quickly regulates power to the tip, equivalent to a 20-60 watt electric soldering iron
- Features unique iron plated, multifunction, corrosion resistant, preheat solder tips which work as both a soldering and flameless heat tip at the same time.
- Unique tips heat up quickly and last longer.
- Unique tips heat up quickly and last longer.
- Use to pinpoint heat, remove surface mount components, repair vinyl, shrink heat shrinkable tubing, solder & desolder, spot dry, strip insulation with hot knife and more

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Fuel Run Time	Heat Range	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 425346 1 EACH	MASTER APPLI-ANCE 60P-1C 30 Days	N/A N/A	1mm Tapered Needle Preheat Soldering Tip for MASTER APPI Model UT-35	22.55 0.5 0.23	18.79 17.68 16.35
NEW 451376 1 EACH	MASTER APPLI-ANCE 60P-1 30 Days	N/A N/A	.2mm Needle Preheat Soldering Tip for MASTER APPI Model UT-35	22.55 0.5 0.23	18.79 17.68 16.35
NEW 453314 1 EACH	MASTER APPLI-ANCE UT-35 1 Year	Butane 60 min	Professional quality, entry level, butane gas powered soldering iron/torch/heat tool & 1.6mm chisel preheat tip. Tip Temp up to 932∞	49.65 1 0.45	41.35 38.92 35.99
NEW 489368 1 EACH	MASTER APPLI-ANCE 60-01-52 30 Days	N/A N/A	Heat Tip for MASTER APPI Model UT-35	6.80 0.5 0.23	15.44 15.44 15.44

MASTER Ultratorch Model UT-40SIK

An entry level, professional quality, butane-powered soldering iron/heat tool kit

454361

- Kit contains unit, solder tip, heat tip, hot knife tip, shrink attachment, cap, sponge, and stand packed in a rugged plastic case
- Convenient slide switch ignition system for quick ignition
- Adjustable temperature lever for temperatures up to 1200∞F, equivalent to a 20-80 watt soldering iron
- New compact size, lightweight and completely portable, features a rugged, easy-to-hold plastic body
- Patented gas catalyst reaction system
- Use to pinpoint heat, remove surface mount components, repair vinyl, shrink heat shrinkable tubing, solder & desolder, spot dry, strip insulation with hot knife and more
- Equivalent to Electric Iron: 20 to 80 Watt
- Gas Tank Capacity: .5 fl. oz. (14 cc)
- Approx. Operating Time: 1.3 hrs.
- Approx. Solder Tip Temp. 840∞ F (450∞ C)
- Approx. Heat Tip Temp.: 1200∞ F (650∞ C)
- Shipped Empty

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Fuel Run Time	Heat Range	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 454361 1 EACH	MASTER APPLI-ANCE UT-40SIK 1 Year	Butane 1.3 hrs	Ultratorch Model UT-40SIK. An entry level, professional quality, butane-powered soldering iron/ heat tool kit. Kit contains unit, solder tip, heat tip, hot knife tip, shrink attachment, cap, sponge and stand packed in a rugged plastic case. Solder tip temp up to 932∞	87.55 1 0.45	72.93 68.64 63.48
NEW 481362 1 EACH	MASTER APPLI-ANCE 91-01-02 30 Days	N/A N/A	2.4mm wide chisel solder tip.	15.60 0.5 0.23	12.98 12.22 11.30
NEW 498313 1 EACH	MASTER APPLI-ANCE 91-01-52 30 Days	N/A N/A	4.7mm wide heat tip.	15.60 0.5 0.23	12.98 12.22 11.30

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Soldering,Desoldering,Hot-Air Systems [600-14]

Weller MT1500 Micro Touch Station

High precision and accurate station for micro-soldering applications. The heater and sensor are located in the tip allowing for a shorter handle and better control in tight areas. Operates in "Touch, Idle, and Continuous"modefor longer tip life. Utilizesquick change tip system. Complete control via adj. temp control with digital display. 400 deg F- 800 deg F. 120VAC. ESD safe. MT Series tips listed below.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Temp Range Tip Supplied	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
91865	Weller	Includes special tool holder/stand & sponge. Order MT	838.10	628.58
1 EACH	MT1500	Series Tips SEPARATELY.	6	591.70
	1 yr		2.73	566.56

Weller WTCPT, Solder Station

This station features a housing of an impact resistant, electrostatic dissipative plastic for durability and protection against accidental damage. It also features a lightweight, heat insulated, low voltage, temperature controlled soldering iron. Temperature depends on the tip. Includes TC201T soldering iron, PH1201 ESD iron stand assy., and power base. Temperature is dependent on the type of tip (PT series). 600,700,800 F tips are available. Uses PT series tips.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Temp Range Tip Supplied	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
10272	Weller	Includes PTA7 (700F)1/16" screwdriver tip. 120V, 60W.	175.20	131.40
1 EACH	WTCPT		3.82	124.40
	1 yr		1.74	122.64

Weller WS80 Solder Station

The Weller WS "Silver Series" stations increase the ability to work on high-mass componenets where a greater controlled power is required. The WS80 has dial control temperature settings from 300F to 850F with key lock-out. The unique silver heating element and tip configuration in the WSP80 iron (included) is more conductive so the heat passes more efficiently and directly into the tip. ESD safe. Use any Weller accessorie up to 80W. Uses LT series tips.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Temp Range Tip Supplied	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
49896	Weller	High-Power, quick recovery station. Includes LTB	350.10	262.56
1 EACH	WS80	2.4mm chisel tip. 120V, 80W	7	247.16
	1 yr		3.18	236.66

Weller WSD80 Solder Station

The Weller WS "Silver Series" stations increase the ability to work on high-mass componenets where a greater controlled power is required. The WSD80 has a digital display and settings from 300F to 850F. The unique silver heating element and tip configuration in the WSP80 iron (included) is more conductive so the heat passes more efficiently and directly into the tip. ESD safe. Use any Weller accessory up to 80W. Optional WCB1 can be used to control setback timer and temp lock-out. Uses LT tips.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Temp Range Tip Supplied	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
61861	Weller	High-Power digital station. Includes LTB 2.4mm chisel	471.65	353.72
1 EACH	WSD80	tip. 120V, 80W	5.25	332.97
	1 yr		2.39	318.82

WELLER WES51 Analog Soldering Station

WELLER WES51 Analog Soldering Station For continous production soldering. F&C Switch; ESD Safe; Slim Pencil Iron; Temp: 350-800F; 120V. Use ET series tips.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Temp Range Tip Supplied	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Weller	WELLER WES51 Analog Soldering Station; Slim Pencil	99.00	87.22
465386	WES51	Iron (Use ET series tips)	3.93	87.22
1 EACH	1 Year	350F-850F (177C-454C)	1.79	87.22
		ETA		

NEW = New Listing. Pricing for reference only. See TESSCO.com for latest pricing and product
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WELLER WESD51 Digital Soldering Station

WELLER WESD51 Digital Soldering Station. The heating element is in the tip not the iron. Setback feature after 20 min.; ESD safe; Uses ET series Tips.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Temp Range Tip Supplied	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 20382 EACH	Weller WESD51 1 Year	WELLER WESD51 Digital Soldering Station. Includes WESD Station, PES51 Soldering Pencil, ETA Tip, Stand and Sponge Uses ET series Tips. 350F-850F (177C-454C) ETA	149.00 3.93 1.79	116.67 116.67 116.67

WELLER WSL2 Digital Soldering Station

WELLER WSL Digital Soldering Station. The heating element is in the tip not the iron. Setback feature after 20 min.; ESD safe; Uses only NT series Tips.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Temp Range Tip Supplied	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 45376 EACH	Weller WSL2 1 Year	WELLER WSL2 Digital Soldering Station. Includes WSP80 & WMP Irons & 2 Stands. Uses only NT series Tips. 150-850 F (66-454C) NT1 (WMP) & LTB (WSP80)	450.00 0.01 0	337.50 333.34 333.34

WELLER WSL Digital Soldering Station

WELLER WSL Digital Soldering Station. The heating element is in the tip not the iron. Setback feature after 20 min.; ESD safe; Uses only NT series Tips.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Temp Range Tip Supplied	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 57385 EACH	Weller WSL 1 Year	WELLER WSL Digital Soldering Station. Includes WMP Pensil Soldering Iron, Stand & sponge. Uses only NT series Tips. 150-850 F (66-454C) NT1	259.00 0.01 0	194.45 194.45 194.45

Weller SCD100, Desolder Gun

Lightweight, portable desoldering tool. This desoldering tool is self-contained with a vacuum pump that draws solder into its unique collector tube. This tool heats up to over 800 F. Includes: tiplet clean-out tool, a 6' cord, two extra collector tubes and an easy pull-out handle to remove disposable solder collector tube. 110VAC. Replacement tip: SKU 84828.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Temp Range Tip Supplied	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30388 1 EACH	Weller SCD100 1 yr	Portable desolderinggun. Incl. tiplet clean-out tool, 6' cord and 2 extra collector tubes.	275.40 0.88 0.4	206.55 194.44 186.17

Weller WHA-300 Hot Air Station

The Weller WHA-300 combines the power and features of moreexpensive hot air stations in a compact package. It features a full 700 watts of heating power. The temperturerange is 125 degrees to 1022 degree. Air flow is is adjustable from 10 liters/minto 50 liters/min. Compact size uses less space on the bench. Weller offers a full range of nozzles in vavious shapes and sizes. Uses 58736 series nozzles.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Temp Range Tip Supplied	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
66539 1 EACH	Weller 0053321299 1 yr	WHA-300 self- contained hot air station.	931.00 9 4.09	698.24 657.28 629.35

Edsyn 951 Series Solder Station

Features proportional solid state control and zero voltagepower switching. Tip to ground resistance less than 2 ohms. Temperature Range: 400-800F. Power Supply: 120/220VAC 3 wire expandable, ESD safe.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Temp Range Tip Supplied	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
80005 1 EACH	Edsyn 951SX 18 months	Includes 70W solder tool, 110V. Uses LT series tips.	158.50 3 1.36	158.50 145.82 139.48

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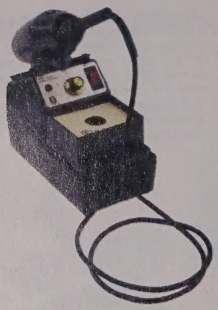
Edsyn 971 Series Solder Station



Offers unsurpassed versatility for delicate and heavy dutywork. Direct tip heater configuration results in quick heat recovery at the tip. Advanced circuit design providesprecise temp. control and calibration. The 971's high performance acculmulatoraccepts a virtually limitless variety of general purpose tips.

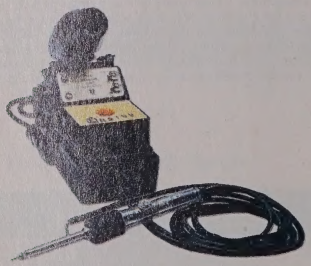
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Temp Range Tip Supplied	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
54400 1 EACH	Edsyn 971 18 months	120V 50/60Hz, 70W Electronic temp. control. temp. range 400-800FHigh output heating element. Front load tip system. Externalcalibration, low ESDconstruction. Comes with a handpiece and one tip.	198.20 3 1.36	198.20 182.35 174.42

Edsyn ZD500DX Desolder Station

Self contained desoldering station. Features independent temperature and vacuum control. Includes pump and air filter. Proportional solid state control. Adjustable (tiltor rotate) head assembly. Tip to ground resistance, less than 2 ohms. Temperature Range: 400 - 800F. Power Supply: 120/220VAC 3 wire. ESD safe. Temp. Regulation - +-6deg F.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Temp Range Tip Supplied	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
22375 1 EACH	Edsyn ZD500DX-3 18 months	Includes HT500 hot tip desoldering tool(95VV).Temp 400-800F,110V. CL1080 solder iron w/ LT375 tip	856.55 3 1.36	856.55 788.03 753.77

SMD Hot Air Work Stations



Hot air work station for non-contact SMD work.Porportionalsolid state control. Features independent controls for flow and temperature of air. Expandable system. Temperature Range 400-800F. ESD safe. Uses Edsyn SMD hot air tips.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Temp Range Tip Supplied	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
24269 1 EACH	Edsyn 1036 18 months	Includes hot air tool FA069 with turbo jet tip (LT428), sponge and air pump. Power Supply: 120VAC, 3 wire.	764.40 4 1.82	764.40 703.25 672.68
25006 1 EACH	Edsyn 1036-3 18 months	Includes hot air tool (FA069) with short jet tip (LT408), soldering tool (CL1080) with temperature control and general purpose tip, sponge and air pump. 120V,3 wire.	1,009.55 4 1.82	1,009.51 928.75 888.37

Metcal 200-11 Solder Station

The SP200 is an ideal choice for both large and small companies. You can put an SP200 on the benches of through-hole soldering and surface mount touch-up benches, and a Metcal MX500 Surface Mount Rework System on the benches of your SMT rework operators.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Temp Range Tip Supplied	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 439168 1 EACH	Metcal SP200-11 45 days	SP200-11 System includes power supply, hand-piece with cord, workstand with sponge, and cartridge removal pad 600 - 700 - 0r 800 degree tips None	310.00 7 3.18	310.00 305.97 301.94
NEW 415381 1 EACH	Metcal SSC-713A 1yr	Chisel tip,1/8" x 90∞, 700∞ temp,for use with the METCAL SP200 series soldering system	17.50 0.01 0	17.50 17.28 17.05
NEW 444343 1 EACH	Metcal SSC-737A 1yr	Chisel Soldering tip, 30∞ x 1/16", 700∞ temp.	15.50 0.01 0	15.50 15.30 15.10
NEW 480397 1 EACH	Metcal SSC-725A 1yr	Chisel tip, 1/32" x 30∞, 700∞ temp, for use with teh METCAL SP200 series soldering system	15.50 0.01 0	15.50 15.30 15.10

NEW = New Listing. Pricing for reference only. See TESSCO.com for latest pricing and product
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Metcal MX-500S-11 Soldering Station

The soldering handpiece allows you to solder and rework SMT components with the appropriate tip cartridge. Features automatic time-out: when the cartridge has not been used in the last 30 minutes the system will automatically shut off. This will maximize the life of your tip cartridge. System comes complete with two port switchable power supply, soldering handpiece, workstands, sponge and a cartridge removal pad. TIP CARTRIDGES SOLD SEPARATELY. Soldering handpiece accepts all soldering and SMT rework tip cartridges.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Temp Range Tip Supplied	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 15193 EACH	Metcal MX500S-11 45 days	Metcal 500S-11 soldering/SMT system.two port 100/120 VAC, Solder System 600 to 800 degree F None	670.00 12.22 5.55	670.00 661.29 652.58

Metcal MX-500DS System

The MX-500DS Desoldering/Rework System converts shop air into a powerful Venturi vacuum to clean through-holes quickly and efficiently. Paper solder collection liners within the hand-piece barrel are easy to maintain and are an imporvement upon traditional glass tubes.

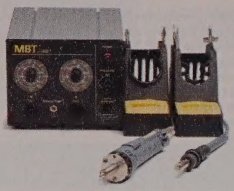
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Temp Range Tip Supplied	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 17109 EACH	Metcal MX-500DS-11 45 days	Metcal MX500DS-11 SystemSMT Desoldering/Rework system, 100/120 VAC 600-700-800 degree F None	1,050.00 15 6.82	1,050.00 1,036.35 1,022.70

Metcal Rework/Talon Systtem

Metcal 500TS-11 SMT Rework/Talon system. ESD safe, includes :2 port 110/120 VAC, switchable power supply, Talon handpiece w/cord, workstand, rework handpiece

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Temp Range Tip Supplied	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 13149 EACH	Metcal MX500TS-11 45 days	Metcal 500TS-11 SMT Rework Talon system. 600-700-800F None	1,000.00 14 6.36	1,000.00 987.00 974.00

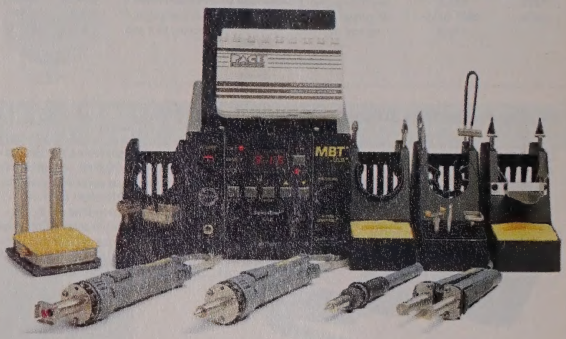
PACE Soldering/Desoldering System



HOT CUBBY, FOR TT-65 THERMO-TWEEZ HANDPIECE, PACE

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Temp Range Tip Supplied	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
33891 1 EACH	PACE MBT201A 1 yr	High performance soldering and desoldering system. standard handpieces included: PS-80 Sodr-Pen and SX-80 Sodr-X-Tractor.	867.00 14 6.36	867.00 847.06 805.45

PACE SMD & Thru-Hole Repair Station



MBT250A Complete system consists of: MBT 250A power sourceSX-70 Sodr-X-Tractor, SP-2A Sodr-Pen, TP-65 thermo pik, TT-65 thermo tweez, tip maint. station, TT tip and tool stand(for TT-65), SP tip and tool stand (for SP-2A), (2) SX tip and tool stands(forSX-70 and TP-65), tip and toolstand tip redi pak, tip and temperature selection system (chart only).

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Temp Range Tip Supplied	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
47105 1 EACH	PACE 8007-0206 1 year	Complete SMT thru hole assembly and rework system. Standard hanpieces: SP-2A Sodr-Pen SX-80 Sodr-X-TractorTP-65 ThermoPik TT-65 Thermo Tweez	1,680.00 4 1.82	1,680.00 1,641.36 1,560.72

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Digital Production SMT Rework Station

Durable production SMT rework station. Features T-65 ThermoTweez handpiece, removals in under 5 seconds, auto shut off safety system, digital LED temperature readout with password lock, SMD compatible tool stand with tip storage. No calibration required. Uses Pace TT-65 series tips, over 45 available. 110VAC, 50-60 Hz, 90 Watts.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Temp Range Tip Supplied	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
27496 1 EACH	PACE 8007-0315 1 Year	SensaTemp Digital production rework station with ST 45 power source, TT-65 ThermoTweez handpiece, TT tip and tool stand, tip holder, tip cleaning tool and sponge. None	460.00 7.86 3.57	460.00 449.42 427.34

Analog Production Solder Station

Durable production soldering station featuring heavy duty PS-90 iron, lockable analog ¶F/¶C temperature selection dial. No calibration required. Modular stacking capability. Quick glance indicator shows unit is at operating temperature. Designed for continuous, heavy use typical in a production environment. Upgradeable to SMT work. Over 75 standard tips available.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Temp Range Tip Supplied	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 485329 1 EACH	PACE 8007-0371 1 year	Analog production soldering station with base, PS-90 iron, stand, tip, and tip tool. 120 VAC. None	99.00 7.86 3.57	99.00 96.73 91.98

Digital Production Desolder Station

Durable production desoldering station featuring SX-70 Sodr-X-Tractor handpiece, simplified programming, digital LED display, auto-off, temperature setback mode, password temperature control, patented SnapVac power desoldering, new Endura desoldering tips. Designed for heavy use typical in a production environment. Completely self-contained.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Temp Range Tip Supplied	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
85967 1 EACH	PACE 8007-0333 1 year	Digital production desoldering station with base, iron, stand, tip, and tip tool. 120 VAC. Completely self contained with internal vacuum pump.	720.00 12.5 5.68	720.00 703.44 668.88

Digital Production Solder Station

Durable production soldering station featuring heavy duty PS-90 iron, simplified programming, digital LED display, auto-off safety system, temperature setback mode, and password locked temperature control. No calibration required. Modular stacking capability. Designed for continuous, heavy use typical in a production environment. Upgradeable to SMT work. Over 75 standard tips available.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Temp Range Tip Supplied	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 455383 1 EACH	PACE 8007-0379	ST45 with PS-90 Handpiece	149.00 7.86 3.57	149.00 145.58 138.43

PACE Portable Digital Desolderer

Features: storage compartment for tips and tools, precise variable temperature control, convenient carrying handle and stand, lightweight SX-70 handpiece with vacuum On/Off control, fast warm up heater, internal fast rise vacuum system, integral tool holder and protective cubby, interchangeable tips for desoldering and soldering. Locking iron holder, and ESD holder for tips, sponge and tools. 90-127 VAC, 50/60Hz, 120 Watts.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Temp Range Tip Supplied	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
38433 1 EACH	PACE 8007-0335 1 Year	Portable Desoldering Station.	775.00 8 3.64	775.00 757.18 719.98

Analog Production Desolder Station

Durable self-contained production desoldering station featuring SX-70 Sodr-X-Tractor handpiece, analog temperature dial with lock, auto shutoff safety system, patented Auto SnapVac power desoldering and the new Endura desoldering tips. Designed for heavy use typical in a production environment. Uses Pace SX-70 series tips, over 30 available. 110VAC, 50-60 Hz, 90 Watts.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Temp Range Tip Supplied	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
47574 1 EACH	PACE 8007-0319 1 Year	Analog production desoldering station with base, iron, stand, tip, and tip tool. 120 VAC. Self-contained with internal vacuum pump.	615.00 12.5 5.68	615.00 600.86 571.34

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Analog Production SMT Rework Station

Durable production SMT rework station. Features TT-65 ThermoTweez handpiece, removals in under 5 seconds, auto shut off safety system, adjustable analog temperature dial, SMD compatible tool stand with tip storage, Pacelink communications port. No calibration required. Uses Pace TT-65 series tips, over 45 available. 110VAC, 50-60 Hz, 90 Watts.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Temp Range Tip Supplied	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
33907 EACH	PACE 8007-0311 1 Year	SensaTemp production rework station with ST 25 power source, TT-65 ThermoTweez handpiece, TT tip and tool stand, tip holder, tip cleaning tool and sponge. none	355.00 3 1.36	355.00 346.84 329.80
94679 EACH	PACE 8007-0309 1 Year	SensaTemp production rework station with ST 25 power source,	168.00 5 2.27	168.00 164.14 156.08

Solder And Supplies [600-15]

Anti-Seize Compound

33749

Anti-Seize Compound prevents mating parts (threaded or non-threaded) from sticking together after exposure to high temperatures.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
33749 EACH	Edsyn AN122 30 days	Anti-Seize Compound. .18 oz. tube.	9.30 1 0.45	9.30 8.56 8.19

Rosin Core Solder

10077

Rosin Core Solder for fine electrical applications. Non corrosive, non-conductive rosin. One pound spools.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
18852 EACH	Kester Solder 24-6337-0010	63/37 tin-lead mix. LOW Melting Point. .020 diameter	20.50 1.05 0.48	17.43 14.97 14.56
10077 EACH	Kester Solder 24-6040-0027 30 days	60/40 tin-lead mix. .031 diameter	12.60 1.24 0.56	10.70 9.19 8.94
18470 EACH	Kester Solder 24-6337-0027 30 days	63/37 tin-lead mix. LOW Melting Point. .031 diameter.	12.90 1.18 0.54	10.94 9.39 9.14
17552 EACH	Kester Solder 24-6040-0039 30 days	60/40 tin-lead mix. .040 diameter.	12.40 1.24 0.56	10.54 9.06 8.81
10755 EACH	Kester Solder 24-6040-0053 30 days	60/40 tin-lead mix. .050 diameter.	11.90 1.24 0.56	10.09 8.66 8.43
11256 EACH	Kester Solder 24-6040-0061 30 days	60/40 tin-lead mix. .062 diameter.	11.35 1.18 0.54	9.64 8.28 8.06

Lead free Solder, Rosin Core

95960 70781

Lead free solder has low 415 F (213 C) melting point. Non corrosive, non-conductive rosin. Use where lead is not permitted or desired. For electrical applications.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
95960 1 EACH	Kester Solder 82619 30 days	Lead Free Hi-Tech Rosin Core Solder for Electrical Applica- tions .031"in diameter. 4 oz spool.	6.35 0.3 0.14	5.37 4.61 4.48
70781 1 EACH	Kester Solder 82617 30 days	Lead Free Rosin Core Solder for ELECTRICAL applications. .050" (1.3mm) diameter. 4 oz (113 g) spool.	6.10 0.3 0.14	5.19 4.46 4.34

Tip Tinner

80608

Lead Free Ultra Pure Tip Tinner, formulated with lead free solder, and special fluxing agents. Provides a safer, and environmentally friendly alternatiive to re-tinning soldering iron tips.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
80608 1 PACK	Kester Solder 83-4000-4010 30 days	Lead Free Ultra Pure Tip Tinner, .7 oz can	7.05 1 0.45	6.00 5.15 5.01

Lead Free Rosin Core Solder Tube

77153 75904

95/5 Lead free rosin core solder for electronic applications. Dispenser tubes with convenient pocket clip.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
77153 1 EACH	Kester Solder 82-604 30 days	.050 diameter, 1.0 oz tube	3.10 0.06 0.03	2.62 2.25 2.19
75904 5 EACH	Kester Solder 82-6000-6535 30 days	.040 diameter, .5 oz tube	3.10 0.06 0.03	2.62 2.25 2.19

Rosin Core Solder in a Tube

86863

Rosin Core Solder for fine electrical applications. Non corrosive, non-conductive rosin. 1/2" tube with pocket clip.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
86863 1 EACH	Kester Solder 83-4000 30 days	60/40 tin-lead mix. .031 diameter.	1.70 0.6 0.27	1.44 1.24 1.20

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245 No-Clean Flux Cored Solder

48299

245 No-Clean flux cored solder, performs similar to a mild activated rosin core, and a visually clean appearance after soldering, Non conductive, and non corrosive.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
48299 1 EACH	Kester Solder 24-6337-8807 30 days	No-Clean flux cored solder, Non-conductive, Non corrosive, .020 diameter.	20.90 1 0.45	17.77 15.26 14.84
85443 1 EACH	Kester Solder 24-6337-8800 30 days	No-Clean flux cored wire, Non-conductive, Non corrosive, .031 diameter.	13.50 2 0.91	11.48 9.86 9.59

Pro Wick Solder Removal Braid

10009

Pro Wick braid design has strong capillary action that works instantly to pull in excess solder. The large surface area created by the one-over, one-under construction enhances absorption and trapping of molten solder. 100% copper wick is coated with flux, which cleans connections thoroughly during desoldering to insure maximum solderability. Techspray vacuum seals its Pro Wick in durable clear plastic to protect it from moisture and to prolong shelf life of the product. ESD BOBBIN

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
10009 1 EACH	Techspray 1801-50F 30 days	Pro Wick is 100% copper coated with flux which cleans connections during desoldering. .03" width, 50' White spool.	15.90 1 0.45	14.42 13.88 13.39
10032 1 EACH	Techspray 1802-50F 30 days	Pro Wick is 100% copper coated with flux which cleans connections during desoldering. .06" width, 50' Yellow spool.	15.90 0.02 0.01	14.42 13.88 13.39
34598 1 EACH	Techspray 1803-50F 30 days	Pro Wick is 100% copper coated with flux which cleans connections during desoldering. .085" width, 50' Green spool.	15.90 0.2 0.09	14.42 13.88 13.39
34613 1 EACH	Techspray 1804-50F 30 days	Pro Wick is 100% copper coated with flux which cleans connections during desoldering. .100" width, 50' Blue spool.	17.50 0.2 0.09	15.89 15.30 14.76
34612 1 EACH	Techspray 1804-25F 30 days	Pro Wick is 100% copper coated with flux which cleans connections during desoldering. .100" width, 25' Blue spool.	9.05 0.08 0.04	8.19 7.88 7.60
34629 1 EACH	Techspray 1809-5F 30 days	Pro Wick is 100% copper coated with flux which cleans connections during desoldering. .060" width, 5' Yellow spool.	2.10 0.02 0.01	1.88 1.81 1.75
34604 1 EACH	Techspray 1804-5F 30 days	Pro Wick is 100% copper coated with flux which cleans connections during desoldering. .100" width, 5' Blue spool.	2.20 0.02 0.01	1.98 1.91 1.84
34625 1 EACH	Techspray 1806-5F 30 days	Pro Wick is 100% copper coated with flux which cleans connections during desoldering. .210" width, 5' Red spool.	2.90 0.1 0.05	2.60 2.50 2.42
51055 1 EACH	Techspray 1815-5F 30 days	No-Clean Wick is 100% copper coated with flux which cleans connections during desoldering. .06" width, 5' spool, yellow	2.50 0.2 0.09	2.24 2.15 2.08
89448 1 EACH	Techspray 1816-5F 30 days	No-Clean Wick is 100% copper coated with flux which cleans connections during desoldering. .085" Width, 5' Spool, green	2.55 0.2 0.09	2.30 2.22 2.14
37841 1 EACH	Techspray 1817-5F 30 days	No-Clean Wick is 100% copper coated with flux which cleans connections during desoldering. .100" Width, 5' Spool, blue	2.70 0.2 0.09	2.45 2.36 2.27

Soder Wick Solder Removal Braid

16612

Soder-Wick significantly reduces rework/repair time and minimizes the risk of heat damage to the board. It's geometrically precise weave design allows for maximum capillary action and solder capacity. Minimal flux residue on the board speeds up the cleaning process, or eliminates it entirely. Soder-Wick Desoldering Braid is available in a variety of widths, lengths and flux types. Application-specific sizes allow for precision solder removal in a flash. Sealed in Performance Pak Barrier Packaging and VacuPak Vacuum Sealed Packaging, Soder-Wick Desoldering Braid is completely protected from the harmful effects of the environment.

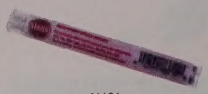
Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
16612 1 EACH	Chemtronics 80-2-5 30 days	.060 width, 5' spool. Yellow	2.45 0.01 0	2.05 1.76 1.72

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
80670 1 EACH	Chemtronics 50-2-25 30 days	.060 width, 25'spool. Yellow	10.65 2 0.91	9.03 7.76 7.54
68721 25 FOOT	Chemtronics 50-4-25 30 days	.110 width, 25' spool. Blue.	12.10 1 0.45	10.26 8.82 8.57
17114 1 EACH	Chemtronics 50-6-25 30 days	.210 width, 25' spool. Red	14.40 1 0.45	12.22 10.49 10.21

Silver Solder


61186

Kester is the leading manufacturer of Fine Diameter cored wire solder for surface mount assembly and repair.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 61186 1 EACH	Kester Solder 83-7145-0415 30 days	62% tin 36% lead, 2% silver. .020 diameter.	1.10 0.02 0.01	0.92 0.79 0.77

CircuitWorks Conductive Pen, Std Tip

440304

The pen dispenser for drawing highly conductive silver traces, jumpers and shielding with precision and control. Can be soldered at low temperatures. Standard Tip

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 440304 1 EACH	Chemtronics CW2200STP 30 Days	Dispenser Pen. Draw highly conductive silver traces, jumpers & shielding with precision. Solder at low temps. Standard Tip	15.45 0.02 0.01	13.13 11.28 10.97

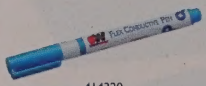
CircuitWorks Conductive Pen, Micro

476302

The pen dispenser for drawing highly conductive silver traces, jumpers and shielding with precision and control. Can be soldered at low temperatures. Micro Tip

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 476302 1 EACH	Chemtronics CW2200MTP 30 Days	Dispenser Pen. Draw highly conductive silver traces, jumpers & shielding with precision. Solder at low temps. Micro Tip.	15.45 0.02 0.01	13.13 11.28 10.97

CircuitWorks Flex Conductive Pen



414320

The micro-tip pen for drawing conductive traces on flexible an ITO surfaces. Quickly creates flexible conductive silver traces on MylarÆ and flex circuitry. Dries in minutes at room temperature.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 414320 1 EACH	Chemtronics CW2900 30 Days	Flex Conductive Pen	18.75 0.02 0.01	15.92 13.67 13.30

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Soldering Aids [600-16]

Desoldering Pumps

34985

83421

36234

74627

Deluxe solder sucker pumps. High efficiency for desoldering less sensitive components.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Comments	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
34985 EACH	Edsyn SS350 30 Days	"Soldapullt Challenger" solder sucker. Standard Metric Aluminum barrell with threaded tip. Desolder Pump.	9.40 1 0.45	9.40 8.65 8.28
83421 EACH	Paladin PA1700 1 yr	Compact Size Desoldering Tool, replaceable teflon tips.	17.00 0.16 0.07	15.23 14.16 13.78
36234 EACH	Edsyn AS196 30 Days	Soldapullt heavy duty silverstat solder sucker Chrome plated barrel is ESD safe. Includes retractable shaft-guide.	27.00 1 0.45	27.00 24.84 23.76
74627 EACH	Edsyn DS017 30 Days	"Soldapullt" deluxe solder sucker	17.60 1 0.45	17.60 16.20 15.49

Desoldering Pump Tips

23020

61413

86592

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Comments	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
23020 EACH	Edsyn LS197 30 Days	Low static tip for PT409. Hole = 3.2mm Length = 14.3mm	3.45 0.1 0.05	3.41 3.14 3.01
60565 EACH	Paladin PA2712 30 Days	Replacement Teflon Tip For SKU 83421 desoldering tool.	5.45 0.02 0.01	4.87 4.53 4.41
61413 EACH	Edsyn LS363 30 Days	Low static tip for SS350/SS011LS tools.Hole = 3.2mm Length = 14.3mm	3.15 0.1 0.05	3.15 2.90 2.78
86592 EACH	Edsyn SRT12 30 Days	Replacement tip for the DS017 solder sucker. Hole = 3.2mm. Length = 14.3mm.	2.50 0.1 0.05	2.50 2.30 2.20

Solder Iron Stands

Solder iron stands with base, sponge, and iron recepticle.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Comments	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
72412 EACH	Weller PH60 1 yr	Soldering Tool Stand for use with irons up to 15/32" barrel diameter. (up to 60 watts)	27.45 0.99 0.45	20.58 19.38 18.55
78019 EACH	Weller PH100 1 yr	Soldering Iron Stand For irons up to 19/32" in diameter. Fits W1000PG (11521)solder iron.	30.95 1 0.45	23.21 21.85 20.92

Circuit Board Holders

Complete work center for soldering and desoldering circuit boards. Rotates 360 degrees in any angle. Adjustable for up to 6.25" x 9.125" (15.9 x 23.2 cm).

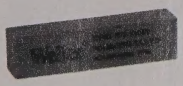
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Comments	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
70932 1 EACH	Weller 0051502599 1 yr	Circuit Board Holder	88.55 2.38 1.08	66.39 62.50 59.84

Soldering Aids

15399

27889

49200



61879

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Comments	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
15399 1 EACH	GC/Waldom 9474 90 Days	Miniature Size Brush and Scraper Tip Tool for dusting away excess solder chips, scraper tip for scraping joints. 5-3/4" long. Wood handle.	4.30 0.04 0.02	4.02 3.74 3.66
27889 1 EACH	GC/Waldom 22-682 30 Days	Circuit repair kit soldering tool, low melt solder, PC repair foil, brush, tweezer, print-kote, solvent and solder washers.	40.95 0.8 0.36	38.25 35.58 34.81
49200 1 EACH	GC/Waldom 9075 90 Days	Straight reamer-Forktip solder tool , stainless steel with fork tip on one end, straight reamer on the other. 6-1/2" with plastic handle.	4.50 0.04 0.02	4.17 3.88 3.80
61879 1 EACH	Weller WPB1 30 Days	Polishing Bar For soldering tips. Cleans oxidation from soldering iron tips, hot or cold. Necessary to re-tin tips.	9.60 0.09 0.04	7.19 6.77 6.48

Solder Spool Holder

45712

77730

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Comments	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
45712 1 EACH	Edsyn SD300 1 yr	Solder Dispenser minimizes core solder usage. Solder is allways available. Holds 1 pound spool.	15.80 0.06 0.03	15.80 14.54 13.91
77730 1 EACH	Weller SM1 1 yr	Solder Mate minimizes core solder usage. Solder is always available. Holds 1 pound spool.	22.70 0.37 0.17	17.03 16.03 15.35

Soldering Replacement Parts Table of Contents

Brand	Model	See Table(s)	Starts On
EDSYN	1032	Edsyn SMD Jet Tips	page 1688
		Edsyn SMD Fan Jet Tip	page 1688
		Edsyn SMD Dual-Flow Tip	page 1688
		Edsyn SMD Curl Tip	page 1688
EDSYN	1036	Edsyn SMD Jet Tips	page 1688
		Edsyn SMD Fan Jet Tip	page 1688
		Edsyn SMD Dual-Flow Tip	page 1688
		Edsyn SMD Curl Tip	page 1688
EDSYN	CL1080	Edsyn LT Series Tips	page 1685
EDSYN	SMD TIPS	Edsyn SMD Jet Tips	page 1688
		Edsyn SMD Fan Jet Tip	page 1688

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Brand	Model	See Table(s)	Starts On
		Edsyn SMD Dual-Flow Tip	page 1688
		Edsyn SMD Curl Tip	page 1688
EDSYN	ZD SER	Edsyn ZD Series Tips	page 1687
PACE	IR-70 SMT	PACE SP-2A Tips	page 1684
PACE	PS-80	PACE SP-2A Tips	page 1684
PACE	SODR-PEN	PACE SP-2A Tips	page 1684
PACE	SP-2A	PACE SP-2A Tips	page 1684
PACE	SX-25	Pace SX-70 Desoldering Tips	page 1687
		Pace SX-25 Desoldering Tips	page 1687
PACE	SX-65	Pace SX-70 Desoldering Tips	page 1687
		Pace SX-25 Desoldering Tips	page 1687
PACE	SX-70	Pace SX-70 Desoldering Tips	page 1687
		Pace SX-25 Desoldering Tips	page 1687
PACE	SX-80	Pace SX-70 Desoldering Tips	page 1687
		Pace SX-25 Desoldering Tips	page 1687
PACE	THERMOTWEEZ	Pace Hot Air Tips	page 1687
		PACE TT-65 Tips	page 1683
PACE	TJ-70	Pace Hot Air Tips	page 1687
PACE	TP65	Pace Hot Air Tips	page 1687
PACE	TT-65	Pace Hot Air Tips	page 1687
		PACE TT-65 Tips	page 1683
PORTASOL	PSI100	Weller (Portasol) PS Series Tips	page 1685
UNGAR	2110	Ungar 9000 Series Tips	page 1684
UNGAR	9212X-1	Ungar 9000 Series Tips	page 1684
UNGAR	9900 SER	Ungar 9900 Series Tips	page 1684
UNGAR	9900AS	Ungar 9000 Series Tips	page 1684
UNGAR	DI SERIES	WELLER Iron Replacement Parts	page 1679
		Ungar PL Series Tips	page 1684
UNGAR	SL SERIES	WELLER Iron Replacement Parts	page 1679
		Ungar PL Series Tips	page 1684
UNGAR	SL325	WELLER Iron Replacement Parts	page 1679
		Ungar PL Series Tips	page 1684
UNGAR	SL335	WELLER Iron Replacement Parts	page 1679
		Ungar PL Series Tips	page 1684
UNGAR	SL345	WELLER Iron Replacement Parts	page 1679
		Ungar PL Series Tips	page 1684
UNGAR	UTC SERIES	Ungar 9000 Series Tips	page 1684
UNGAR	UTC-100	WELLER Iron Replacement Parts	page 1679
		Ungar PL Series Tips	page 1684
WELLER	5088	Weller 5088,5098AS Desolder Tips	page 1687
WELLER	5098A	Weller 5088,5098AS Desolder Tips	page 1687
WELLER	D550	WELLER Solder Gun Replacement Parts	page 1679
WELLER	D650	WELLER Solder Gun Replacement Parts	page 1679
WELLER	DS100	Weller DS Series Tips	page 1686
		WELLER Iron Replacement Parts	page 1679
WELLER	DS1000	Weller DST Series Tips	page 1686
		WELLER Iron Replacement Parts	page 1679
WELLER	DS200	Weller DS Series Tips	page 1686
		WELLER Iron Replacement Parts	page 1679
WELLER	DS2000	Weller DST Series Tips	page 1686
		WELLER Iron Replacement Parts	page 1679
WELLER	DS500	Weller DS Series Tips	page 1686
		WELLER Iron Replacement Parts	page 1679
WELLER	DS500E	Weller DS Series Tips	page 1686
		WELLER Iron Replacement Parts	page 1679
WELLER	DS600	Weller DST Series Tips	page 1686
		WELLER Iron Replacement Parts	page 1679
WELLER	DS700M	Weller DST Series Tips	page 1686
		WELLER Iron Replacement Parts	page 1679
WELLER	EC1000	WELLER Iron Replacement Parts	page 1679
		Weller ET Series Tips	page 1681
WELLER	EC1001	WELLER Iron Replacement Parts	page 1679
		Weller ET Series Tips	page 1681
WELLER	EC1001ESD	WELLER Iron Replacement Parts	page 1679
		Weller ET Series Tips	page 1681
WELLER	EC1002-1	WELLER Iron Replacement Parts	page 1679
		Weller ET Series Tips	page 1681
WELLER	EC1002-2	WELLER Iron Replacement Parts	page 1679
		Weller EPH Series Tips	page 1681
		Weller EM Series Tips	page 1681
WELLER	EC1201A	WELLER Iron Replacement Parts	page 1679
		Weller ET Series Tips	page 1681
WELLER	EC1302A	WELLER Iron Replacement Parts	page 1679
		Weller EPH Series Tips	page 1681
WELLER	EC1503A	WELLER Iron Replacement Parts	page 1679
		Weller EM Series Tips	page 1681
WELLER	EC2000	WELLER Iron Replacement Parts	page 1679
		Weller ET Series Tips	page 1681
WELLER	EC2001	WELLER Iron Replacement Parts	page 1679
		Weller ET Series Tips	page 1681
WELLER	EC2001ESD	WELLER Iron Replacement Parts	page 1679
		Weller ET Series Tips	page 1681
WELLER	EC2002M-1	WELLER Iron Replacement Parts	page 1679
		Weller ET Series Tips	page 1681
WELLER	EC2002M-2	WELLER Iron Replacement Parts	page 1679
		Weller EPH Series Tips	page 1681
WELLER	GT7A	WELLER Solder Gun Replacement Parts	page 1679
WELLER	MC500-1	WELLER Iron Replacement Parts	page 1679
		Weller ET Series Tips	page 1681
WELLER	MC5001-2	WELLER Iron Replacement Parts	page 1679
		Weller EPH Series Tips	page 1681
WELLER	MT1500	Tips for MT1500 Soldering Station	page 1684
WELLER	P1B	Weller (Portasol) T Series Tips	page 1683
WELLER	P1KB	Weller (Portasol) T Series Tips	page 1683
WELLER	PSI100	Weller (Portasol) PS Series Tips	page 1685
WELLER	TCP125P	Weller PT Series Tips	page 1682
		WELLER Iron Replacement Parts	page 1679
WELLER	TCP24P	Weller PT Series Tips	page 1682
		WELLER Iron Replacement Parts	page 1679
WELLER	W60P	Weller CT5 Series Tips	page 1681
		WELLER Iron Replacement Parts	page 1679
WELLER	WCC100	WELLER Iron Replacement Parts	page 1679
		Weller ET Series Tips	page 1681
WELLER	WES50	WELLER Iron Replacement Parts	page 1679
		Weller ET Series Tips	page 1681
WELLER	WLC100	Weller ST Series Tips	page 1683
WELLER	WM120	Weller MP Series Tips	page 1682
WELLER	WP25	Weller ST Series Tips	page 1683
WELLER	WP25P	Weller ST Series Tips	page 1683
WELLER	WP30	Weller ST Series Tips	page 1683
WELLER	WP35	Weller ST Series Tips	page 1683
WELLER	WP40	Weller ST Series Tips	page 1683
WELLER	WPA2	WELLER Iron Replacement Parts	page 1679
		Weller WPT Series Tips	page 1683
WELLER	WS80	Weller LT Series Tips	page 1682
WELLER	WSD130	Weller LT Series Tips	page 1682
WELLER	WSD80	Weller LT Series Tips	page 1682
WELLER	WST2	Weller WPT Series Tips	page 1683
WELLER	WSTA3	WELLER Iron Replacement Parts	page 1679
		Weller WPT Series Tips	page 1683
WELLER	WTCPS	Weller PT Series Tips	page 1682
		WELLER Iron Replacement Parts	page 1679
WELLER	WTCPT	Weller PT Series Tips	page 1682
		WELLER Iron Replacement Parts	page 1679
WELLER	WTLE	WELLER Iron Replacement Parts	page 1679
		Weller ET Series Tips	page 1681
WELLER	WTLEESD	WELLER Iron Replacement Parts	page 1679

Soldering Iron Replacement Parts [600-25]

EDSYN Accessories, Replacement Parts

48199

99764

Accessories and replacement parts to repair and enhance your EDSYN soldering, desoldering, or hot air station.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
48199 1 EACH	Edsyn RS199 90 days	Sponge for desoldering tools. Sponges	1.15 0.1 0.05	1.12 1.03 0.99
99764 1 EACH	Edsyn CL1080 18 months	EDSYN "Loner" soldering tool. Used as an add-on to existing Edsyn station. 110 Volts.	117.30 0.25 0.11	117.30 107.92 103.23

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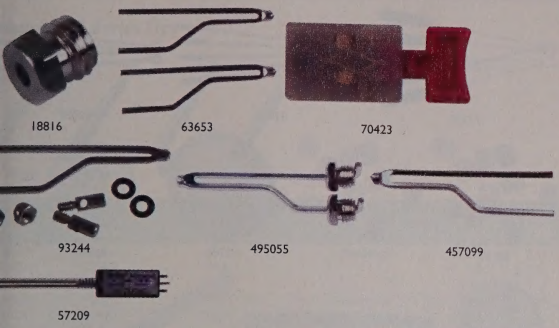
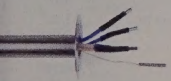
WELLER Solder Gun Replacement Parts



Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
18816 1 EACH	Weller 7417 1 year	Tip nut for D550 1954-86 soldering guns.	0.85 0.02 0.01	0.63 0.60 0.57
63653 1 EACH	Weller 7250W 30 days	Replacement tip for the D550 heavy duty soldering gun.	5.35 0.08 0.04	3.99 3.76 3.60
70423 1 EACH	Weller 7324 1 year	Switch for the D550 and D650 dual heat soldering gun.	12.55 0.06 0.03	9.39 8.84 8.47
93244 1 EACH	Weller 7250AN 30 days	Replacement tip with Hex inserts and acorn style nuts for new style D550	5.35 0.09 0.04	3.99 3.76 3.60
495055 1 PACK	Weller 7135N 1 year	Replacement tip with nuts for the 8200 soldering gun. Copper tip. 1 per pack. Weller Parts	5.35 0.05 0.02	3.99 3.78 3.73
457099 1 PACK	Weller 7135W 1 year	Replacement tips for the 8200 soldering gun. Copper tip. 2 per pack. Weller Parts	5.35 0.05 0.02	3.99 3.78 3.73
57209 1 EACH	Weller 7A 1 year	Replacement 700 deg power head for the GT7A soldering gun. Includes 3/16" chisel tip. Weller GT7A parts	55.50 0.19 0.09	41.60 39.16 37.50

PACE Spares and Consumables



Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
42181 1 EACH	PACE 6010-0078-P1 1 year	IR-70 Heater Assembly	85.00 1 0.45	85.00 84.15 83.73

WELLER Iron Replacement Parts

WELLER replacement 20watt soldering iron with EPH101 tip for the MC5000-2,DEC1001 soldering station. ESD safe. Upgrade from EC1302A

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
11286 1 EACH	Weller DS229 1 year	Desoldering head Weller Parts	100.10 0.11 0.05	75.06 70.66 67.66
17567 1 EACH	Weller BA60 1 year	Barrel nut assembly for various solder- ing and desoldering stations. Weller Parts	7.40 0.02 0.01	5.55 5.23 5.01
34003 1 EACH	Weller EC234 1 year	Heater assembly. 24 volt, plug-in type. For the EC1201, EC1201A, TC201P irons.	20.55 0.06 0.03	15.39 14.49 13.88
39198 1 EACH	Weller TC201T 1 year	Replacement soldering pencil with PTA7 tip for model WTCPT. Uses PT series tips.	92.05 0.32 0.15	69.02 64.97 62.21
56684 1 EACH	Weller HEW60P 1 year	Heating element for the W60P soldering iron.	39.95 0.3 0.14	29.94 28.19 26.99
64377 1 EACH	Weller TC205 1 year	Sponge for soldering/Desoldering stations.	2.20 0.01 0	1.62 1.53 1.46
67400 1 EACH	Weller DS103 1 year	Collector tube with gasket and filter for all Weller desoldering stations	11.75 0.03 0.01	8.81 8.29 7.94
76228 1 EACH	Weller EC1302B 1 Year	WELLER replacement 20watt soldering iron with EPH101 tip for the MC5000-2,DEC1001 soldering station. ESD safe. Upgrade from EC1302A	129.80 0.3 0.14	97.35 91.64 87.75
83908 1 EACH	Weller WPA-B 1 year	Replacement burner for WPA2 Pyropen	25.40 0.1 0.05	19.05 17.94 17.17
86859 1 EACH	Weller EC205 1 year	Sponge for EC2001 soldering station.	2.20 0.04 0.02	1.64 1.54 1.48
89556 1 EACH	Weller TC208 1 year	Heating element for WTCP soldering station pencil.	30.05 0.05 0.02	22.53 21.21 20.31
90911 1 EACH	Weller PES50 1 Year	50W slim profile iron & ETA tip and iron stand.	46.50 1 0.45	34.85 32.99 32.53
94040 1 EACH	Weller EC1201A 1 yr	Replacement solder iron with ETA tip for the EC1002-1, EC2002-1, & DEC1001 series stations. Includes cord.	129.80 0.44 0.2	97.35 91.64 87.75
86567 1 EACH	Ungar 4037S 90 days	45 watt heater element with threads for screw on tips. Fits 7400, 7500 handles. 900 degreesF.	29.60 0.1 0.05	22.20 21.91 21.46

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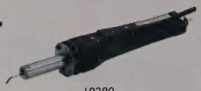
PACE Replacement Handpieces

74641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Use these handpieces to expand the capabilities of your current Pace station, or to replace missing or damaged handpieces. Comes with Tip & Tool Stand

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
31245 1 EACH	PACE 7025-0001-P1 1 year	TT-65 ThremoTweez SensaTemp handpiece.Used for SMD removal. Chips, SOIC's, connectors, flat packs, PLCC's, etc.	275.00 3 1.36	275.00 268.68 255.48
74641 1 EACH	PACE 6993-0199-P1 1 year	PS-80 Kit. Includes PS-80 handpiece and Tip & Tool Stand.	99.00 0.5 0.23	99.00 98.01 97.52
19280 1 EACH	PACE 7023-0002-P1 1 year	TJ-70 ThermoJet SensaTemp handpiece.Uses Pace TJ-70 tips.	265.00 0.19 0.09	265.00 262.35 261.03
NEW 484337 1 EACH	PACE 6993-0236-P1 1 year	PS-70 Sodr Pen Handpiece Uses 1/8" shank tips	99.00 1 0.45	99.00 98.01 97.52

PACE SX-80 Desoldering Handpiece

77307

SX-70 Sodr-X-Tractor Desoldering Handpiece for Sensa Temp power supplies. Uses Pace Endura tips.

- Disposable solder trap for quick replacement and lower costs
- Plug in heater simplifies repairs and minimizes downtime
- Platinum temperature sensor for excellent accuracy and superior heat control at lower temperatures

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
77291 1 EACH	PACE 6010-0106 1 year	SX-80 Sodr-X-Tractor Desoldering Handpiece for Sensa Temp power supplies. Uses Pace Endura tips.	257.50 0.68 0.31	257.50 251.58 239.22
77307 100 PACK	PACE 1309-0054-P100 1 year	PACE Replacement Solder/Flux Chambers for the SX-80 handpiece. Made of recycled paper. Disposable.	100.00 1 0.45	100.00 99.00 98.50
77379 10 PACK	PACE 1309-0054-P10 1 year	PACE Replacement Solder/Flux Chambers for the SX-80 handpiece. Made of recycled paper. Disposable.	11.00 0.1 0.05	11.00 10.89 10.84

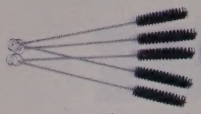
Metcal Tweezer Handpiece

481184

MX Talon replacement tweezer handpiece.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 481184 1 EACH	Metcal MX-TALON-01 180 days	Talon Tweezer Handpiece and workstand	330.00 1 0.45	330.00 325.71 321.42

PACE Replacement Parts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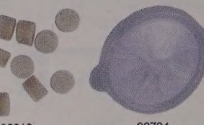
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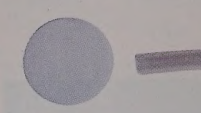
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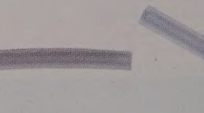
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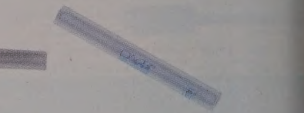
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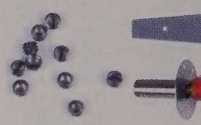
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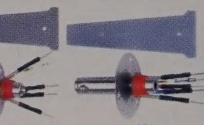
83072

18251

17002

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
77352 5 PACK	PACE 1127-0002-P5 1 year	Bristle Brush	15.00 1 0.45	15.00 14.85 14.78
37710 5 PACK	PACE 1127-0014-P5 1 year	Wire Brush, 3/16" package of 5	15.25 0.19 0.09	15.25 15.10 15.03
62889 5 PACK	PACE 1127-0006-P5 1 year	Wire Brush, 1/8" package of 5	17.00 1 0.45	17.00 16.83 16.75
88068 50 PACK	PACE 1309-0018-P50 1 year	SODR-X-Tractor filters package of 50.	14.00 0.19 0.09	14.00 13.86 13.79
35212 10 PACK	PACE 1309-0018-P10 1 year	SODR-X-Tractor filters package of 10.	3.25 0.19 0.09	3.25 3.22 3.21
98784 1 EACH	PACE 1309-0028-P1 1 year	Visifilter	10.75 0.19 0.09	10.75 10.65 10.59
85570 10 PACK	PACE 1309-0027-P10 1 year	Replaceable Visifilter elements,package of 10.	9.00 0.19 0.09	9.00 8.91 8.87
20749 50 PACK	PACE 1309-0027-P50 1 year	Replaceable Visifilter elements,package of 50.	31.00 0.19 0.09	31.00 30.69 30.54
40306 1 EACH	PACE 1265-0010-P1 1 year	Sillicon Rubber Chamber	9.00 0.19 0.09	9.00 8.91 8.87
45928 1 EACH	PACE 1265-0009-P1 1 year	Glass Chamber	7.00 0.19 0.09	7.00 6.93 6.90
19500 10 PACK	PACE 1348-0547-P10 1 year	Set Screws, package of 10 for A style heaters date coded 10/89 or later.	9.00 1 0.45	9.00 8.91 8.87
83072 1 EACH	PACE 6010-0080-P1 1 year	SX-70 Heater and Seal Assembly.	95.00 0.19 0.09	95.00 94.05 93.58
18251 1 EACH	PACE 6010-0074-P1 1 year	SX-65 Heater and Seal Assembly.	85.00 0.19 0.09	85.00 84.15 83.73
17002 1 EACH	PACE 6010-0086-P1 1 year	SP-2A Heater Assembly	85.00 0.19 0.09	85.00 84.15 83.73

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Soldering Tips [600-41]

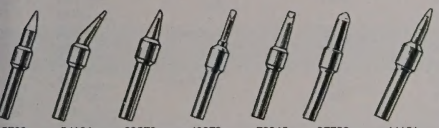
Weller CT5 Series Tips

78260 57944 91330 26509

For the Weller W60P series irons.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Tip-Size Temp.	Tip-Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
78260 EACH	Weller CT5E8 30 days	1/4" 800 F	Screwdriver	8.55 0.04 0.02	7.67 7.40 7.14
57944 EACH	Weller CT5B7 30 days	3/32" 700 F	Screwdriver	8.55 0.01 0	7.67 7.40 7.14
91330 EACH	Weller CT5A7 30 days	1/16" 700 F	Screwdriver	8.55 0.03 0.01	7.67 7.40 7.14
26509 EACH	Weller CT5B8 30 days	3/32" 800 F	Screwdriver	8.55 0.04 0.02	7.67 7.40 7.14

Weller EPH Series Tips

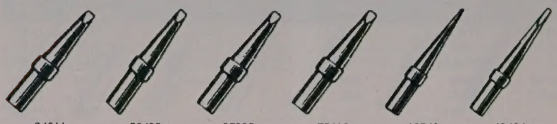


5793 54186 92579 40972 79365 27758 66151

or the Weller MC5001-2, EC2002M-2, EC1002-2 stations, EC1302A Irons.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Tip-Size Temp.	Tip-Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
5793 EACH	Weller EPH101 30 days	1/64" N/A	Micropoint	7.55 0.03 0.01	6.79 6.55 6.32
54186 EACH	Weller EPH102 30 days	1/32" N/A	Bent Conical	7.55 0.03 0.01	6.79 6.55 6.32
92579 EACH	Weller EPH103 30 days	1/32" N/A	Single Flat	7.55 0.02 0.01	6.79 6.55 6.32
29016 EACH	Weller EPH105 30 days	3/64" N/A	Single Flat	7.55 0.02 0.01	6.79 6.55 6.32
40972 EACH	Weller EPH106 30 days	1/16" N/A	Screwdriver	7.55 0.02 0.01	6.79 6.55 6.32
79365 EACH	Weller EPH107 30 days	5/64" N/A	Chisel	7.55 0.02 0.01	6.79 6.55 6.32
27758 EACH	Weller EPH108 30 days	1/8" N/A	Chisel	7.55 0.03 0.01	6.79 6.55 6.32
66151 EACH	Weller EPH109 30 days	1/32" N/A	Conical	7.55 0.03 0.01	6.79 6.55 6.32

Weller ET Series Tips



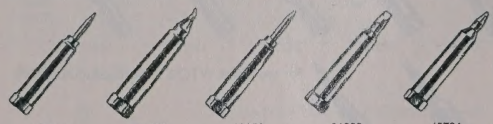
24011 50439 37225 75618 19540 62404

71147 32754 10797

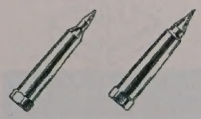
For the Weller MC5000-1, EC1000, EC1001, EC1001ESD, EC1002-1, EC2000, EC2001, EC2001ESD, EC2002M-1, WTLE, WTLEESD, WCC100, WES50, EC1201A iron

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Tip-Size Temp.	Tip-Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
24011 1 EACH	Weller ETH 30 days	1/32" N/A	Screwdriver	7.20 0.03 0.01	6.47 6.24 6.02
50439 1 EACH	Weller ETA 30 days	1/16" N/A	Screwdriver	7.20 0.04 0.02	6.47 6.24 6.02
37225 1 EACH	Weller ETC 30 days	1/8" N/A	Screwdriver	7.20 0.03 0.01	6.47 6.24 6.02
75618 1 EACH	Weller ETD 30 days	3/16" N/A	Screwdriver	7.20 0.03 0.01	6.47 6.24 6.02
19540 1 EACH	Weller ETS 30 days	1/64" N/A	Conical	7.20 0.02 0.01	6.47 6.24 6.02
62404 1 EACH	Weller ETK 30 days	3/16" N/A	Screwdriver	7.20 0.04 0.02	6.47 6.24 6.02
71147 1 EACH	Weller ETR 30 days	1/16" N/A	Narrow Screwdriver	7.20 0.04 0.02	6.47 6.24 6.02
32754 1 EACH	Weller ETP 30 days	1/32" N/A	Conical	7.20 0.02 0.01	6.47 6.24 6.02
10797 1 EACH	Weller ETO 30 days	1/32" N/A	Long Conical	7.20 0.04 0.02	6.47 6.24 6.02

Weller EM Series Tips



43260 81653 12959 31333 45796



70975 82940

For the Weller EC1503A

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Tip-Size Temp.	Tip-Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
43260 1 EACH	Weller EMD 30 days	1/64" N/A	Conical	17.10 0.01 0	15.36 14.81 14.30
81653 1 EACH	Weller EMG 30 days	1/64" N/A	Bent Conical	17.10 0.04 0.02	15.36 14.81 14.30
12959 1 EACH	Weller EME 30 days	1/32" N/A	Conical	17.10 0.04 0.02	15.36 14.81 14.30
31333 1 EACH	Weller EMM 30 days	1/8" N/A	Chisel	17.10 0.04 0.02	15.36 14.81 14.30
45796 1 EACH	Weller EMA 30 days	1/16" N/A	Chisel	17.10 1 0.45	15.36 14.81 14.30

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Tip-Size Temp.	Tip-Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
70975 I EACH	Weller EMH 30 days	1/32" N/A	Chisel	17.10 0.04 0.02	15.36 14.81 14.30
82940 I EACH	Weller EMC 30 days	1/64" N/A	Conical	17.10 0.04 0.02	15.36 14.81 14.30

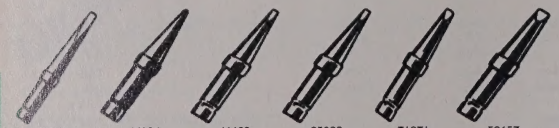
Weller MP Series Tips

For the Weller WM 120 pencil thin soldering iron.

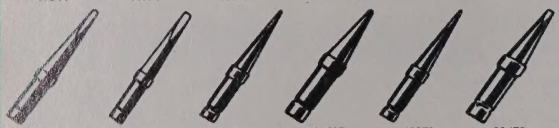
68649

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Tip-Size Temp.	Tip-Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
68649 I EACH	Weller MP131 30 days	1/64" N/A	Conical	7.70 0.03 0.01	5.76 5.43 5.20

Weller PT Series Tips

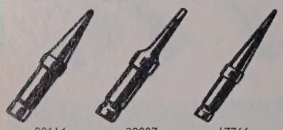


17544 44194 46692 85085 71871 58657



83836 70622 57408 82587 69373 33478

18987 20264 97050 32229 19015 95801



80614 29007 17766

For the Weller WTCPS soldering station.

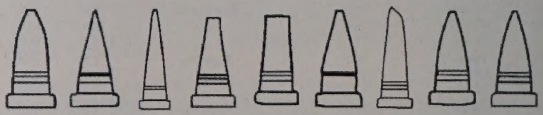
Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Tip-Size Temp.	Tip-Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
17544 I EACH	Weller PTL8 30 days	5/64" 800 F	Screwdriver	7.65 0.03 0.01	6.86 6.62 6.39
44194 I EACH	Weller PTP6 30 days	1/32" 600 F	Conical	7.65 0.13 0.06	6.86 6.62 6.39
46692 I EACH	Weller PTA6 30 days	1/16" 600 F	Screwdriver	7.65 0.1 0.05	6.86 6.62 6.39
85085 I EACH	Weller PTA7 30 days	1/16" 700 F	Screwdriver	7.65 0.03 0.01	6.86 6.62 6.39
71871 I EACH	Weller PTB7 30 days	3/32" 700 F	Screwdriver	7.65 0.04 0.02	6.86 6.62 6.39
58657 I EACH	Weller PTC7 30 days	1/8" 700 F	Screwdriver	7.65 0.04 0.02	6.86 6.62 6.39
83836 I EACH	Weller PTK7 30 days	3/64" 700 F	Screwdriver	7.65 0.03 0.01	6.86 6.62 6.39

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Tip-Size Temp.	Tip-Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
70622 I EACH	Weller PTL7 30 days	5/64" 700 F	Screwdriver	7.65 0.03 0.01	6.86 6.62 6.39
57408 I EACH	Weller PTO7 30 days	1/32" 700 F	Conical	3.20 0.04 0.02	2.85 2.75 2.65
82587 I EACH	Weller PTP7 30 days	1/32" 700 F	Conical	7.65 0.04 0.02	6.86 6.62 6.39
69373 I EACH	Weller PTS7 30 days	1/64" 700 F	Conical	7.65 0.03 0.01	6.86 6.62 6.39
33478 I EACH	Weller PTA8 30 days	1/16" 800 F	Screwdriver	7.65 0.04 0.02	6.86 6.62 6.39
18987 I EACH	Weller PTAA8 30 days	1/16" 800 F	Screwdriver	7.65 1 0.45	6.86 6.62 6.39
20264 I EACH	Weller PTB8 30 days	3/32" 800 F	Screwdriver	7.65 0.03 0.01	6.86 6.62 6.39
97050 I EACH	Weller PTC8 30 days	1/8" 800 F	Screwdriver	7.65 0.04 0.02	6.86 6.62 6.39
32229 I EACH	Weller PTK8 30 days	3/64" 800 F	Screwdriver	7.65 0.03 0.01	6.86 6.62 6.39
19015 I EACH	Weller PTM8 30 days	1/8" 800 F	Screwdriver	7.65 0.04 0.02	6.86 6.62 6.39
95801 I EACH	Weller PTO8 30 days	1/32" 800 F	Conical	3.20 0.04 0.02	2.85 2.75 2.65
80614 I EACH	Weller PTP8 30 days	1/32" 800 F	Conical	7.65 0.04 0.02	6.86 6.62 6.39
29007 I EACH	Weller PTR8 30 days	1/16" 800 F	Screwdriver	7.65 0.03 0.01	6.86 6.62 6.39
17766 I EACH	Weller PTS8 30 days	1/64" 800 F	Conical	7.65 0.04 0.02	6.86 6.62 6.39

Weller LT Series Tips



19721 20970 31686 32935 44900 58114 70079 71328 84542

LT Series tips for the WSP80 irons.

97756

- solid copper plated with iron all over, and nickle and chromium behind working surfaces
- Provides maximum heat transfer

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Tip-Size Temp.	Tip-Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
19721 I EACH	Weller LTC 30 days	1/8"	Taper	7.20 0.1 0.05	6.47 6.24 6.02
20970 I EACH	Weller LT1 30 days	1/64"	Taper	7.20 0.1 0.05	6.47 6.24 6.02
31686 I EACH	Weller LTH 30 days	1/32"	Extended Taper	7.20 0.1 0.05	5.39 5.07 4.86
32935 I EACH	Weller LTAS 30 days	1/16"	Fine Taper	7.20 0.1 0.05	6.47 6.24 6.02
44900 I EACH	Weller LTD 30 days	3/16"	Chisel	7.20 0.1 0.05	5.39 5.07 4.86
58114 I EACH	Weller LTCS 30 days	1/8"	Fine Taper	7.20 0.1 0.05	6.47 6.24 6.02

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tinuing product table (2 of 2)

art No. ty/Uom	Manufacturer Mfg. P/N Warranty	Tip-Size Temp.	Tip-Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
70079 EACH	Weller LTK 30 days	3/64"	Chisel	7.20 0.1 0.05	6.47 6.24 6.02
71328 EACH	Weller LTB 30 days	3/32"	Taper	7.20 1 0.45	6.47 6.24 6.02
34542 EACH	Weller LTA 30 days	1/16"	Taper	7.20 0.1 0.05	6.47 6.24 6.02
97756 EACH	Weller LT1S 30 days	1/64"	Thin-Taper	7.20 0.1 0.05	6.47 6.24 6.02

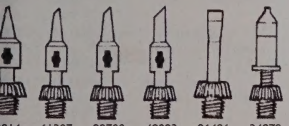
Weller ST Series Tips

42945 81338 56159 87871

For the Weller WP25, WP25P, WP30, WP35 and WLC100 soldering irons.

art No. ty/Uom	Manufacturer Mfg. P/N Warranty	Tip-Size Temp.	Tip-Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
42945 EACH	Weller ST1 30 days	1/16" N/A	Screwdriver	6.75 0.03 0.01	6.07 5.85 5.65
81338 EACH	Weller ST3 30 days	1/8" N/A	Screwdriver	6.75 0.05 0.02	6.07 5.85 5.65
56159 EACH	Weller ST7 30 days	1/32" N/A	Conical	6.75 0.05 0.02	6.07 5.85 5.65
87871 EACH	Weller ST8 30 days	1/16" N/A	Narrow Screwdriver	6.75 0.02 0.01	6.07 5.85 5.65

Weller (Portasol) T Series Tips



2914 61307 99700 48093 86486 34879

For the Weller Portasol P-1-B, P-1K-B cordless butane irons.

art No. ty/Uom	Manufacturer Mfg. P/N Warranty	Tip-Size Temp.	Tip-Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
2914 EACH	Weller T1 30 days	1/32" Up to 850F(454C)	Conical	12.55 0.03 0.01	10.16 10.04 9.72
61307 EACH	Weller T2 30 days	3/32" Up to 850F(454C)	Chisel	12.55 0.05 0.02	10.16 10.04 9.72
99700 EACH	Weller T3 30 days	1/8" Up to 850F(454C)	Chisel	12.55 0.05 0.02	10.16 10.04 9.72
48093 EACH	Weller T4 30 days	3/16" Up to 850F(454C)	Chisel	12.55 0.41 0.19	10.16 10.04 9.72
86486 EACH	Weller T5 30 days	N/A To 2372F(1300C)	Blow torch	12.55 0.03 0.01	10.16 10.04 9.72
34879 EACH	Weller T6 30 days	N/A Up to 850F(454C)	Hot blower	12.55 0.05 0.02	10.16 10.04 9.72

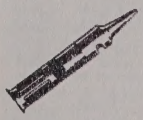
Weller WPT Series Tips

87583 34727 59906 35976 74369 61155 31505

For the Weller WPA2 (self igniting)and WSTA3 Pyropen soldering irons.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Tip-Size Temp.	Tip-Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
87583 1 EACH	Weller WPT-1 30 days	N/A N/A	Taper needle	16.70 0.03 0.01	12.51 11.78 11.28
34727 1 EACH	Weller WPT-2 30 days	5/64" N/A	Chisel	16.70 0.02 0.01	12.51 11.78 11.28
59906 1 EACH	Weller WPT-5 30 days	N/A N/A	Taper needle	16.70 0.03 0.01	12.51 11.78 11.28
35976 1 EACH	Weller WPT-10 30 days	1/32" N/A	Offset taper needle	16.70 0.03 0.01	12.51 11.78 11.28
74369 1 EACH	Weller WPT-11 30 days	5/16" N/A	Chisel	20.10 0.05 0.02	15.06 14.18 13.58
61155 1 EACH	Weller WPT-13 30 days	3/16" N/A	Chisel	20.10 0.02 0.01	15.06 14.18 13.58
31505 1 EACH	Weller WHC-52 30 days	3/16" N/A	Hot blower	16.70 0.03 0.01	12.51 11.78 11.28

Weller WPT Series Tips

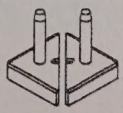


99548

For the Weller WST2 Pyropen Jr. soldering iron.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Tip-Size Temp.	Tip-Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
99548 1 EACH	Weller WPT-15 30 days	1/64" N/A	Taper needle	16.70 0.03 0.01	12.51 11.78 11.28

PACE TT-65 Tips



For the PACE TT-65 ThermoTweez handpiece.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Tip-Size Temp.	Tip-Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
29293 1 EACH	PACE 1121-0517-P1 30 days	1/64" N/A	Chip Component	22.00 0.03 0.01	22.00 21.78 21.67

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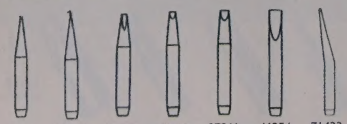
PACE SP-2A Tips

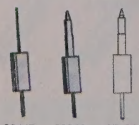


48752 22324 21075 59468 97861 46254 71433

For the PACE PS-80, SP-2A Sodr-Pen and IR-70 SMT/thru hole soldering iron.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Tip-Size Temp.	Tip-Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
420016 5 PACK	PACE 1121-0503-P5 30 days	1/32" N/A	conical	30.00 0.03 0.01	30.00 29.70 29.55
431096 5 PACK	PACE 1121-0501-P5 30 days	1/8" N/A	chisel	30.00 0.03 0.01	30.00 29.70 29.55
448057 5 PACK	PACE 1121-0504-P5 30 days	3/32" N/A	Single Sided Chisel	30.00 0.03 0.01	30.00 29.70 29.55
48752 5 PACK	PACE 1121-0336-P5 30 days	1/32" N/A	conical	25.00 0.03 0.01	25.00 24.75 24.63
488089 5 PACK	PACE 1121-0502-P5 30 days	1/16" N/A	chisel	30.00 0.03 0.01	30.00 29.70 29.55
22324 5 PACK	PACE 1121-0357-P5 30 days	1/64" N/A	conical	25.00 0.03 0.01	25.00 24.75 24.63
72682 5 PACK	PACE 1121-0363-P5 30 days	1/64" N/A	Bent Conical	25.00 1 0.45	25.00 24.75 24.63
21075 5 PACK	PACE 1121-0414-P5 30 days	1/16" N/A	Chisel	25.00 0.03 0.01	25.00 24.75 24.63
59468 5 PACK	PACE 1121-0360-P5 30 days	3/32" N/A	Chisel	25.00 1 0.45	25.00 24.75 24.63
430031 5 PACK	PACE 1121-0639-P5 30 days	1/32" N/A	Conical	35.00 0.03 0.01	35.00 34.65 34.48
97861 5 PACK	PACE 1121-0337-P5 30 days	1/8" N/A	Chisel	25.00 1 0.45	25.00 24.75 24.63
46254 5 PACK	PACE 1121-0358-P5 30 days	3/16" N/A	Chisel	25.00 1 0.45	25.00 24.75 24.63
71433 5 PACK	PACE 1121-0563-P5 30 days	N/A N/A	Chisel	32.00 0.03 0.01	32.00 31.68 31.52
58219 1 EACH	PACE 1121-0391-P1 30 days	SOIC-14 N/A	Chip Component	31.25 0.03 0.01	31.25 30.94 30.79

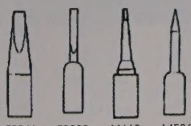
Tips for MT1500 Soldering Station



58447 33268 97620

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Tip-Size Temp.	Tip-Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
58447 1 EACH	Weller MT202 30 days	1/32" N/A	conical	50.80 0.05 0.02	38.07 35.84 34.32
33268 1 EACH	Weller MT301 30 days	3/64" N/A	Screwdriver	60.45 0.1 0.05	45.32 42.66 40.85
97620 1 EACH	Weller MT302 30 days	1/64" N/A	conical	60.45 1 0.45	45.32 42.66 40.85

Ungar PL Series Tips

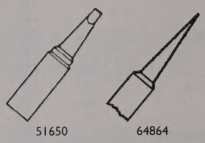


53361 52899 66113 14506

For use with the Ungar SL & DI seriesand UTC 100.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Tip-Size Temp.	Tip-Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
53361 1 EACH	Ungar PL133 30 days	1/4" N/A	Screwdriver	7.70 0.02 0.01	5.78 5.70 5.59
52899 1 EACH	Ungar PL151 30 days	1/8" N/A	Screwdriver	6.90 0.02 0.01	5.16 5.10 4.99
NEW 495355 10 PACK	Ungar PL155 30 days	1/16" N/A	Stepped chisel	6.90 0.02 0.01	5.16 5.10 4.99
66113 1 EACH	Ungar PL100 30 days	3/64" N/A	Screwdriver	6.50 0.02 0.01	4.85 4.78 4.69
14506 1 EACH	Ungar PL111 30 days	1/32" N/A	Pencil point	6.80 0.02 0.01	5.09 5.02 4.92

Ungar 9900 Series Tips

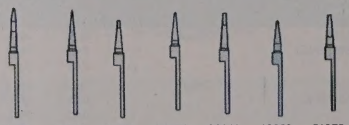


51650 64864

For use with the UTC-300

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Tip-Size Temp.	Tip-Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
51650 1 EACH	Ungar 9960 30 days	1/64" N/A	Terminal spade	11.80 0.02 0.01	8.82 8.71 8.53
93940 1 EACH	Ungar 9965 30 days	1/16" N/A	Screwdriver	11.80 1 0.45	8.82 8.71 8.53
64864 1 EACH	Ungar 9971 30 days	1/64" N/A	Precision point	13.60 0.02 0.01	10.20 10.07 9.86

Ungar 9000 Series Tips



91017 39685 52319 78078 38161 12982 51375

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Tip-Size Temp.	Tip-Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
91017 1 EACH	Ungar 9050 30 days	1/64" N/A	conical	10.90 1 0.45	9.78 9.43 9.11
39685 1 EACH	Ungar 9010 30days	1/64" N/A	Precision point	12.55 0.02 0.01	11.29 10.89 10.51
52319 1 EACH	Ungar 9012 30 days	3/64" N/A	Screwdriver	10.90 1 0.45	9.78 9.43 9.11
78078 1 EACH	Ungar 9011 30 days	1/32" N/A	Screwdriver	10.90 0.02 0.01	9.78 9.43 9.11
38161 1 EACH	Ungar 9015 30 days	5/64" N/A	Screwdriver	10.90 0.2 0.09	9.78 9.43 9.11
12982 1 EACH	Ungar 9017 30 days	1/32" N/A	Screwdriver	10.90 0.2 0.09	9.78 9.43 9.11
51375 1 EACH	Ungar 9018 30 days	3/64" N/A	Screwdriver	10.90 0.2 0.09	9.78 9.43 9.11

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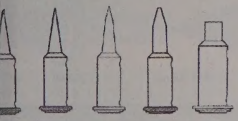
Edsyn LT Series Tips

For the Edsyn CL1080 soldering tool. Can be used with any Edsyn system with a hollow heater.

73378 48157 21771 52031

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Tip-Size Temp.	Tip-Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
73378 EACH	Edsyn LT375 30 days	1/16" N/A	Screwdriver	5.50 0.1 0.05	5.50 5.06 4.84
48157 EACH	Edsyn LT336BC 30 days	5/64" N/A	Screwdriver	12.60 0.05 0.02	12.60 11.60 11.09
21771 EACH	Edsyn LT376 30 days	1/8" N/A	Screwdriver	5.50 0.1 0.05	5.50 5.06 4.84
52031 EACH	Edsyn LT380 30 days	1/64" N/A	conical	5.50 0.05 0.02	5.50 5.06 4.84

Weller (Portasol) PS Series Tips

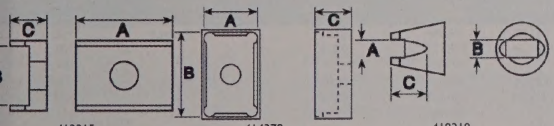


For the Weller PSI-100 tool.

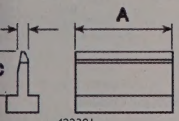
002006 78792 27185 65763 13971

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Tip-Size Temp.	Tip-Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
002006 PACK	Weller PSI3 30 days	1/8" Up to 850 F	Single Flat	12.75 1 0.45	9.54 8.98 8.60
78792 PACK	Weller PSI5 30 days	1/32" Up to 850F(454C)	Screwdriver	12.75 1 0.45	9.54 8.98 8.60
27185 EACH	Weller PSI6 30 days	3/32" Up to 850F(454C)	Single Flat	12.75 1 0.45	9.54 8.98 8.60
65763 EACH	Weller PSI8 30 days	3/16" Up to 850F(454C)	Screwdriver	12.75 0.03 0.01	9.54 8.98 8.60
13971 PACK	Weller PSI9 30 days	N/A Up to 850F(454C)	Hot blower	12.75 1 0.45	9.54 8.98 8.60

WELLER LT Soldering Tips for WSP80 Iron



413315 414378 419319



422381

LT-Series Soldering Tips for the WSP 80 Iron designed for pre-set soldering temperatures andare tinned using Lead-Free Solder.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Tip-Size Temp.	Tip-Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 413315 EACH	Weller LTSM12 30 Days	0.620 x 0.375x 0.125	SMT Tunnel	33.00 0.01 0	24.75 24.45 24.45
NEW 414378 EACH	Weller LTSM17 30 Days	0.500 x 0.500x 0.150 -	SMT QUAD	54.00 0.01 0	40.50 40.00 40.00
NEW 416345 EACH	Weller LTSM11 30 Days	0.520 x 0.375x 0.125 -	SMT Tunnel	33.00 0.01 0	24.75 24.45 24.45

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Tip-Size Temp.	Tip-Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 419319 EACH	Weller LTSM07 30 Days	0.090 x 0.190x 0.070 -	SMT Slot	28.50 0.01 0	21.38 21.12 21.12
NEW 422323 EACH	Weller LTSM19 30 Days	0.750 x 0.750x 0.235 -	SMT QUAD	54.00 0.01 0	40.50 40.00 40.00
NEW 422381 EACH	Weller LTSM02 30 Days	0.620 x 0.022x 0.280 -	SMT Blade	58.50 0.01 0	43.88 43.34 43.34
NEW 428388 EACH	Weller LTSM10 30 Days	0.450 x 0.270x 0.090 -	SMT Tunnel	33.00 0.01 0	24.75 24.45 24.45
NEW 438305 EACH	Weller LTSM05 30 Days	0.060 x 0.090x 0.070 -	SMT Slot	28.50 0.01 0	21.38 21.12 21.12
NEW 438325 EACH	Weller LTSM22 30 Days	1.155 x 1.165x 2.350 -	SMT QUAD	72.00 0.01 0	54.00 53.34 53.34
NEW 442332 EACH	Weller LTSM09 30 Days	0.410 x 0.200x 0.090 -	SMT Tunnel	33.00 0.01 0	24.75 24.45 24.45
NEW 442390 EACH	Weller LTSM16 30 Days	0.410 x 0.410x 0.150 -	SMT QUAD	54.00 0.01 0	40.50 40.00 40.00
NEW 443339 EACH	Weller LTSM08 30 Days	0.180 x 0.200x 0.090 -	SMT Tunnel	33.00 0.01 0	24.75 24.45 24.45
NEW 443371 EACH	Weller LTSM14 30 Days	0.740 x 0.365x 0.125 -	SMT QUAD	33.00 0.01 0	24.75 24.45 24.45
NEW 456324 EACH	Weller LTSM01 30 Days	0.410 x 0.022x 0.280 -	SMT Blade	52.50 0.01 0	39.38 38.89 38.89
NEW 458376 EACH	Weller LTSM18 30 Days	0.540 x 0.340x 0.150 -	SMT QUAD	54.00 0.01 0	40.50 40.00 40.00
NEW 459341 EACH	Weller LTSM20 30 Days	0.915 x 0.680x 0.150 -	SMT QUAD	72.00 0.01 0	54.00 53.34 53.34
NEW 460393 EACH	Weller LTSM03 30 Days	0.820 x 0.022x 0.280 -	SMT Blade	63.00 0.01 0	47.25 46.67 46.67
NEW 466350 EACH	Weller LTSM15 30 Days	0.105 x 0.303x 0.150 -	SMT QUAD	54.00 0.01 0	40.50 40.00 40.00
NEW 481377 EACH	Weller LTSM04 30 Days	0.070 x 0.195x 0.070 -	SMT Slot	28.50 0.01 0	21.38 21.12 21.12
NEW 490345 EACH	Weller LTSM13 30 Days	0.720 x 0.375x 0.125 -	SMT Tunnel	33.00 0.01 0	24.75 24.45 24.45
NEW 491367 EACH	Weller LTSM21 30 Days	0.965 x 0.965x 0.235 -	SMT QUAD	72.00 0.01 0	54.00 53.34 53.34
NEW 497383 EACH	Weller LTSM06 30 Days	0.100 x 0.068x 0.070 -	SMT Slot	28.50 0.01 0	21.38 21.12 21.12

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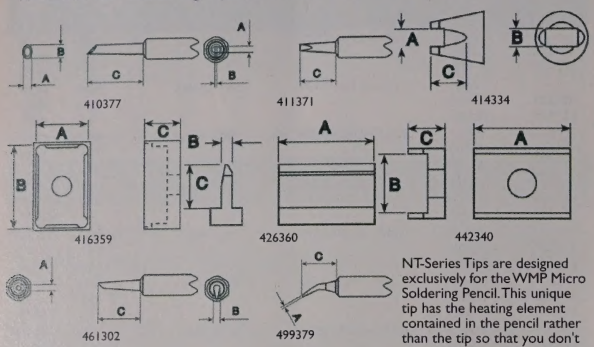
WELLER NT Soldering Tips for WMP Iron



NT-Series Tips are designed exclusively for the WMP Micro Soldering Pencil. This unique tip has the heating element contained in the pencil rather than the tip so that you don't throw away a good heater everytime you wear out a tip. This gives you substantial cost savings over the life of the soldering station

Continuing product table (1 of 2)

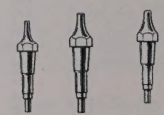
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Tip-Size Temp.	Tip-Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 410377 1 EACH	Weller NTGW 30 Days	0.079 x 0.118x 0.528 -	Cylindrical	11.50 0.01 0	9.45 9.45 9.45
NEW 411371 1 EACH	Weller NTK 30 Days	0.047x0.016x0.331 -	Chisel	7.00 0.01 0	5.56 5.56 5.56
NEW 414334 1 EACH	Weller NTSMT04 30 Days	0.070 x 0.195x 0.070 -	SMT Slot	28.50 0.01 0	21.38 21.12 21.12
NEW 416359 1 EACH	Weller NTSMT21 30 Days	0.965 x 0.965x 0.235 -	SMT QUAD	72.00 0.01 0	54.00 53.34 53.34
NEW 422316 1 EACH	Weller NTB 30 Days	0.094x0.031x0.289 -	Chisel	7.00 0.01 0	5.56 5.56 5.56
NEW 426345 1 EACH	Weller NTSMT16 30 Days	0.410 x 0.410x 0.150 -	SMT QUAD	54.00 0.01 0	40.50 40.00 40.00
NEW 426360 1 EACH	Weller NTSMT02 30 Days	0.620 x 0.022x 0.280 -	SMT Blade	58.50 0.01 0	43.88 43.34 43.34
NEW 427379 1 EACH	Weller NTD 30 Days	0.157x0.031x0.305 -	Chisel	7.00 0.01 0	5.56 5.56 5.56
NEW 428392 1 EACH	Weller NTSMT03 30 Days	0.820 x 0.022x 0.280 -	SMT Blade	63.00 0.01 0	47.25 46.67 46.67
NEW 430355 1 EACH	Weller NTSMT22 30 Days	1.155 x 1.165x 2.350 -	SMT QUAD	72.00 0.01 0	54.00 53.34 53.34
NEW 434364 1 EACH	Weller NTSMT05 30 Days	0.060 x 0.090x 0.070 -	SMT Slot	28.50 0.01 0	21.38 21.12 21.12
NEW 437372 1 EACH	Weller NTSMT18 30 Days	0.540 x 0.340x 0.150 -	SMT QUAD	54.00 0.01 0	40.50 40.00 40.00
NEW 442340 1 EACH	Weller NTSMT12 30 Days	0.620 x 0.375x 0.125 -	SMT Tunnel	33.00 0.01 0	24.75 24.45 24.45
NEW 443306 1 EACH	Weller NTSMT15 30 Days	0.105 x 0.303x 0.150 -	SMT QUAD	54.00 0.01 0	40.50 40.00 40.00
NEW 455395 1 EACH	Weller NTSMT07 30 Days	0.090 x 0.190x 0.070 -	SMT Slot	28.50 0.01 0	21.38 21.12 21.12
NEW 461302 1 EACH	Weller NT4 30 Days	0.047 x 0.390 -	Round	7.00 0.01 0	5.56 5.56 5.56
NEW 461394 1 EACH	Weller NTSMT17 30 Days	0.500 x 0.500x 0.150 -	SMT QUAD	54.00 0.01 0	40.50 40.00 40.00
NEW 468352 1 EACH	Weller NTSMT06 30 Days	0.100 x 0.068x 0.070 -	SMT Slot	28.50 0.01 0	21.38 21.12 21.12
NEW 472363 1 EACH	Weller NTC 30 Days	0.126x0.031x0.305 -	Chisel	7.00 0.01 0	5.56 5.56 5.56

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Tip-Size Temp.	Tip-Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 474328 1 EACH	Weller NTSMT13 30 Days	0.720 x 0.375x 0.125 -	SMT Tunnel	33.00 0.01 0	24.75 24.45 24.45
NEW 481320 1 EACH	Weller NTSMT14 30 Days	0.740 x 0.365x 0.125 -	SMT QUAD	33.00 0.01 0	24.75 24.45 24.45
NEW 483333 1 EACH	Weller NTSMT10 30 Days	0.450 x 0.270x 0.090 -	SMT Tunnel	33.00 0.01 0	24.75 24.45 24.45
NEW 483354 1 EACH	Weller NT6 30 Days	0.063x0.046x0.372 -	Chisel	7.00 0.01 0	5.56 5.56 5.56
NEW 485382 1 EACH	Weller NTSMT08 30 Days	0.180 x 0.200x 0.090 -	SMT Tunnel	33.00 0.01 0	24.75 24.45 24.45
NEW 486323 1 EACH	Weller NTSMT09 30 Days	0.410 x 0.200x 0.090 -	SMT Tunnel	33.00 0.01 0	24.75 24.45 24.45
NEW 489313 1 EACH	Weller NTSMT20 30 Days	0.915 x 0.680x 0.150 -	SMT QUAD	72.00 0.01 0	54.00 53.34 53.34
NEW 491332 1 EACH	Weller NTSMT19 30 Days	0.750 x 0.750x 0.235 -	SMT QUAD	54.00 0.01 0	40.50 40.00 40.00
NEW 492359 1 EACH	Weller NTA 30 Days	0.063x0.016x0.331 -	Chisel	7.00 0.01 0	5.56 5.56 5.56
NEW 492391 1 EACH	Weller NTH 30 Days	0.031x0.016x0.331 -	Chisel	7.00 0.01 0	5.56 5.56 5.56
NEW 496312 1 EACH	Weller NTSMT11 30 Days	0.520 x 0.375x 0.125 -	SMT Tunnel	33.00 0.01 0	24.75 24.45 24.45
NEW 496385 1 EACH	Weller NTSMT01 30 Days	0.410 x 0.022x 0.280 -	SMT Blade	52.50 0.01 0	39.38 38.89 38.89
NEW 499379 1 EACH	Weller NT1X 30 Days	0.016 x 0.063x0.321 -	Bent Round	9.00 0.01 0	6.75 6.67 6.67

Desoldering Tips [600-42]

Weller DST Series Tips



For the Weller desoldering stations DS600, DS700M, DS1000, and DS2000.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Inside Dia. (in.) Outside Dia.	Length/Style	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
64178 1 EACH	Weller DS112T 30 days	0.036" 0.076"	1/2", Tapered	17.00 0.02 0.01	15.27 14.73 14.22
50964 1 EACH	Weller DS113T 30 days	0.046" 0.098"	1/2", Tapered	17.00 0.03 0.01	15.27 14.73 14.22
37750 1 EACH	Weller DS114T 30 days	0.071" 0.125"	1/2", Tapered	17.00 0.03 0.01	15.27 14.73 14.22

Weller DS Series Tips

For the Weller desoldering stations DS100, DS500, and DS500E.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Inside Dia. (in.) Outside Dia.	Length/Style	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
98428 1 EACH	Weller DS112 30 days	0.031" 0.078"	1/2", Threaded	17.00 0.03 0.01	15.27 14.73 14.22

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FAX 410-527-0005
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See TESSCO.com for latest pricing and product
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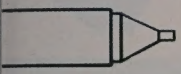
ntinuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Inside Dia. (in.) Outside Dia.	Length/Style	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
12571 EACH	Weller DS113 30 days	0.046" 0.098"	1/2", Threaded	17.00 0.03 0.01	15.27 14.73 14.22

Weller 5088,5098AS Desolder Tips

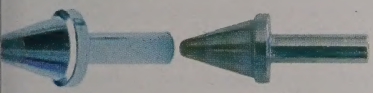


96883

Replacement tip for the Weller 5098AS & 5088 Desoldering tools. Plated to prevent corrosion.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Inside Dia. (in.) Outside Dia.	Length/Style	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
96883 EACH	Weller 4005 30 days	0.032" (.81mm) 0.60"(1.52mm)	.12"(3.05mm)/Typical	20.85 1 0.45	15.62 14.70 14.08
83669 EACH	Weller 4007 30 days	0.062" 0.10"(2.54mm)	.12"(3.05mm)/Typical	20.85 0.03 0.01	15.62 14.70 14.08

Edsyn ZD Series Tips

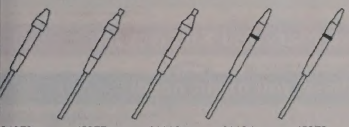


44452 82845

For use with any Edsyn desoldering station.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Inside Dia. (in.) Outside Dia.	Length/Style	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
44452 EACH	Edsyn ZD13 30 days	3/64" N/S	7/16", Non-threaded	10.90 0.1 0.05	10.90 10.03 9.60
82845 EACH	Edsyn ZD14 30 days	1/16" N/S	7/16", Non-threaded	10.90 0.1 0.05	10.90 10.03 9.60

Pace SX-80 Desoldering Tips

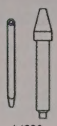


36273 45377 91110 91124 45379

For use with Pace SX-80 or SX-70 desoldering tools.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Inside Dia. (in.) Outside Dia.	Length/Style	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36273 PACK	PACE 1121-0624-P5 30 Days	0.040" 0.090"	Thermo-Drive	39.75 0.4 0.18	39.75 39.36 39.16
41075 PACK	PACE 1121-0627-P5 30 Days	0.090" 0.200"	Endura Thermo-Drive	39.75 0.4 0.18	39.75 39.36 39.16
45411 PACK	PACE 1121-0626-P5 30 Days	0.060" 0.120"	Endura Thermo-Drive	39.75 0.4 0.18	39.75 39.36 39.16
45377 PACK	PACE 1121-0629-P5 30 Days	0.040" 0.100"	Endura Extended Reach Thermo-Drive	39.75 0.4 0.18	39.75 39.36 39.16
22068 PACK	PACE 1121-0680-P5 30 Days	0.060" 0.120"	Extended Reach Thermo-Drive	19.00 0.4 0.18	19.00 18.81 18.72
91110 PACK	PACE 1121-0630-P5 30 Days	0.060" 0.120"	Extended Reach Thermo-Drive	39.75 0.4 0.18	39.75 39.36 39.16
91124 PACK	PACE 1121-0678-P5 30 Days	0.030" 0.080"	Endura Precision Thermo-Drive	19.00 0.4 0.18	19.00 18.81 18.72
45379 PACK	PACE 1121-0679-P5 30 Days	0.040" 0.090"	Endura Precision Thermo-Drive	19.00 0.4 0.18	19.00 18.81 18.72
84047 PACK	PACE 1121-0690-P5 30 Days	0.060" 0.110"	Endura Precision Thermo-Drive	19.00 0.07 0.03	19.00 18.81 18.72
81061 PACK	PACE 1121-0681-P5 30 Days	0.020" 0.070"	Flo-D-Sodr Precision Tip	27.50 0.4 0.18	27.50 27.23 27.09

Pace SX-70 Desoldering Tips

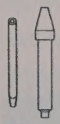


14830

For use with PACE SX-70, SX-65 and SX-25 Desoldering tools.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Inside Dia. (in.) Outside Dia.	Length/Style	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
14830 5 PACK	PACE 1121-0369-P5	0.060" 0.196"	3/16" Shank, SX-70	29.00 0.03 0.01	29.00 28.71 28.57
87869 5 PACK	PACE 1121-0367-P5	0.030" 0.060"	3/16" Shank, SX-70	29.00 1 0.45	29.00 28.71 28.57
61441 5 PACK	PACE 1121-0342-P5	0.040" 0.070"	3/16" Shank, SX-70	29.00 0.03 0.01	29.00 28.71 28.57
48227 5 PACK	PACE 1121-0368-P5	0.060" 0.100"	3/16" Shank, SX-70	29.00 0.03 0.01	29.00 28.71 28.57
21799 5 PACK	PACE 1121-0505-P5	0.030" 0.075"	3/16" Shank, SX-70	29.00 0.03 0.01	29.00 28.71 28.57
46978 5 PACK	PACE 1121-0494-P5	0.040" 0.085"	3/16" Shank, SX-70	29.00 1 0.45	29.00 28.71 28.57
41982 5 PACK	PACE 1121-0253-P5	0.030" N/A	N/A, SX-70 Micro	8.75 0.4 0.18	8.75 8.67 8.62
28768 5 PACK	PACE 1121-0254-P5	0.040" N/A	N/A, SX-70 Micro	8.75 0.4 0.18	8.75 8.67 8.62
15554 5 PACK	PACE 1121-0255-P5	0.060" N/A	N/A, SX-70 Micro	8.75 0.4 0.18	8.75 8.67 8.62

Pace SX-25 Desoldering Tips

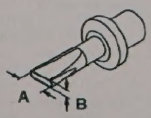


18052

For use with PACE SX-70, SX-65 and SX-25 Desoldering tools.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Inside Dia. (in.) Outside Dia.	Length/Style	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
18052 25 PACK	PACE 1121-0213-P25	0.020" 0.053"	N/A, SX-25 Super	25.00 0.4 0.18	25.00 24.75 24.63
94838 25 PACK	PACE 1121-0214-P25	0.030" 0.076"	N/A, SX-25 Super	25.00 0.4 0.18	25.00 24.75 24.63
81624 25 PACK	PACE 1121-0215-P25	0.040" 1.02"	N/A, SX-25 Super	25.00 0.4 0.18	25.00 24.75 24.63
30017 25 PACK	PACE 1121-0216-P25	0.050" 1.27"	N/A, SX-25 Super	25.00 1 0.45	25.00 24.75 24.63
16803 25 PACK	PACE 1121-0217-P25	0.060" N/A	N/A, SX-70 Micro	25.00 0.4 0.18	25.00 24.75 24.63

Pace Hot Air Tips



For the TJ-70, TP-65, or the TT-65

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Inside Dia. (in.) Outside Dia.	Length/Style	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
15029 1 EACH	PACE 1121-0371-P1 30 days	N/A N/A	.24"WX.074"H	39.00 0.4 0.18	39.00 38.61 38.42

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Hot Air Soldering Tips [600-51]

Edsyn SMD Jet Tips

60164 98557

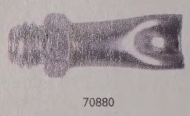
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Hole Diameter Length/Width	Comments	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
60164 1 EACH	Edsyn LT427 30 days	1/64" 3/8" x N/A	Jet tip for pin point air flow.	17.20 0.1 0.05	17.20 15.83 15.14
98557 1 EACH	Edsyn LT428 30 days	1/16" 1/4" x N/A	Turbo flow for large air flow.	12.90 0.1 0.05	12.90 11.87 11.36

Edsyn SMD Fan Jet Tip

46950

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Hole Diameter Length/Width	Comments	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
46950 1 EACH	Edsyn LT435 30 days	N/A 19/32" x 3/8"	Fan tip for wide air flow (sweep).	19.30 0.1 0.05	19.30 17.76 16.99

Edsyn SMD Dual-Flow Tip



70880

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Hole Diameter Length/Width	Comments	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
70880 1 EACH	Edsyn LT534 30 days	3/64" 15/32" x 13/64"	Dual-flow tip.	23.80 0.1 0.05	23.80 21.90 20.95

Edsyn SMD Curl Tip

45701

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Hole Diameter Length/Width	Comments	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
45701 1 EACH	Edsyn LT511 30 days	1/16" N/A x N/A	Small turbo	25.80 0.2 0.09	25.80 23.74 22.71

Static Shielding Bags [605-10]

Static Shielding Bags

Static-shielding bag protects parts from electrostatic fields and contaminants. Inner layer prevents anti-static coating and corrosion.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
50156 100 PACK	3M Products 1900 3 X 5 1 yr	3"x5"	8.35 1 0.45	7.60 7.58 7.55
88549 100 PACK	3M Products 1900 4X6 1 yr	4"x6"	9.65 1 0.45	8.80 8.78 8.74
36942 100 PACK	3M Products 1900 5X8 1 yr	5"x8"	13.65 1 0.45	12.45 12.43 12.37
75335 100 PACK	3M Products 1900 6X8 1 yr	6"x8"	14.65 1.3 0.59	13.34 13.31 13.25
23728 100 PACK	3M Products 1900 8X12 1 yr	8"x12"	24.15 1 0.45	22.01 21.96 21.87
62121 100 PACK	3M Products 1900 10X12 1 yr	10"x12"	29.50 1 0.45	26.90 26.84 26.72
10514 100 PACK	3M Products 1900 12X18 1 yr	12"x18"	52.45 1 0.45	47.83 47.72 47.52
NEW 470198 100 PACK	Desco Charleswater 13808 1 yr	6" x 10"	19.45 1 0.45	16.04 15.96 15.54
NEW 439138 100 PACK	Desco Charleswater 13816 1 yr	10" x 12"	35.25 1 0.45	29.08 28.93 28.18
NEW 410131 100 PACK	Desco Charleswater 13832 1 yr	18" x 24"	117.40 1 0.45	96.92 96.42 93.92

Conductive Mats and Kits [605-20]

If you are buying these, you might need:

Radio/Phone Parts . . . . . page 1794
Workbenches, Complete . . . . . page 1649

Standard Field Service Kit

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size (L x W), Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 449353 1 EACH	Wireless Solutions B1724 1 Year	24" x 24" Portable Field Service Kit. ESD vinyl mat has surface resistivity 10^8-10^9 ohm/sq. Includes: Strap & cord. USA Red	53.00 1 0.45	41.47 37.24 35.33
NEW 460374 1 EACH	Wireless Solutions B1720 1 Year	20" x 15" Portable Field Service Kit. Hi-quality vinyl mat has surface resistivity 10^8-10^9 ohm/sq. Includes: Strap & cord. USA Red	40.75 1 0.45	31.90 28.64 27.18
20014 1 EACH	3M Products 8501 1 Year	2'x2' Static-dissipative field service kit. Includes 2X2' work mat, ground cord assembly with alligator clip, and adjustable wrist band. Red	70.80 10 4.54	64.56 64.41 64.13
77603 1 EACH	Desco Charleswater 16475 1 Year	18" x 22" ESD Field Service Kit with wrist strap & ground cord. Red	68.90 1.5 0.68	56.88 56.58 55.12

NEW = New Listing. Pricing for reference onl
See TESSCO.com for latest pricing and produc

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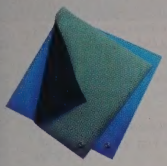
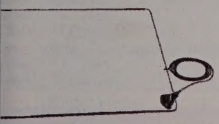
SD Vinyl 2-Layer (T-2) Table Mat



Static Dissipative T-2 Vinyl 2-Layer Table Mats with ground. USA

rt No. /Uom	Manufacturer Mfg. P/N Warranty	Size (L x W), Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 7310 EACH	Wireless Solutions B6123 90 Days	2' W x 3' L WIRELESS SOLUTIONS Static Dissipative T-2 Vinyl 2-Layer Table Mat w/ ground. USA Blue	65.65 8 3.64	51.39 46.14 43.78
NEW 9378 EACH	Wireless Solutions B6124 90 Days	2' W x 4' L WIRELESS SOLUTIONS Static Dissipative T-2 Vinyl 2-Layer Table Mat w/ ground. USA Blue	76.80 8 3.64	60.11 53.97 51.20
NEW 9368 EACH	Wireless Solutions B6125 90 Days	2' W x 5' L WIRELESS SOLUTIONS Static Dissipative T-2 Vinyl 2-Layer Table Mat w/ ground. USA Blue	94.50 15 6.82	74.00 66.44 63.04
NEW 4393 EACH	Wireless Solutions B6126 90 Days	2' W x 6' L WIRELESS SOLUTIONS Static Dissipative T-2 Vinyl 2-Layer Table Mat w/ ground. USA Blue	113.40 15 6.82	88.80 79.72 75.64
NEW 6359 EACH	Wireless Solutions B61250 90 Days	2' W x 50'L Roll WIRELESS SOLUTIONS Static Dissipative T-2 Vinyl 2-Layer Table Mat Without Ground. Blue	682.50 41 18.63	511.88 465.47 432.71
NEW 4363 EACH	Wireless Solutions B613050 90 Days	30" W x 50' L Roll WIRELESS SOLUTIONS Static Dissipative T-2 Vinyl 2-Layer Table Mat Without ground. USA Blue	852.60 50 22.72	639.45 581.48 540.55
NEW 0362 EACH	Wireless Solutions B61450 90 Days	4' W x 50'L Roll WIRELESS SOLUTIONS Static Dissipative T-2 Vinyl 2-Layer Table Mat Without Ground. USA Blue	1,344.00 125 56.81	1,052.36 944.84 896.45
4835 EACH	3M Products 8213 1 year	2'x4' 3M Static Control T-2 Vinyl table mat includes two female snap fasteners and 3048 grounding system. Grey	100.65 5 2.27	91.77 91.57 91.17
1617 EACH	3M Products 8214 1 Year	2'x4' 3M 2'x4' Static Control 2-layer Vinyl table mat includes two female snap fasteners and 3048 grounding system. Blue	100.65 5.6 2.55	91.77 91.57 91.17

igid Laminate Dissipative Surfaces



Static-dissipative rigid worksurface. Resists staining and abrasion. Includes two snap fasteners, 15' grounding cord, & 2 banana jacks for wrist straps & mats. Order wrist strap separately.

rt No. /Uom	Manufacturer Mfg. P/N Warranty	Size (L x W), Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
3228 EACH	3M Products 8344 1 yr	2'x3' Static-dissipative rigid worksurface. Includes 2 snap fasteners, 15' grounding cord & 2 banana jacks. Wrist strap sold separately Grey	224.95 5 2.27	205.12 204.67 203.77
0817 EACH	Desco Charleswater 10384 1 yr	2'x4' Static-dissipative rigid worksurface. Includes 2 snap fasteners, 15' grounding cord, & 2 banana jacks for wrist straps & mats. Order wrist strap seperately. Blue	134.35 5 2.27	110.88 110.30 107.45

SD Vinyl 3-Layer Table Mat

WIRELESS SOLUTIONS ESD Vinyl 3-Layer Table Mat Static dissipative table mat designed to meet EOS/ESD standards. USA

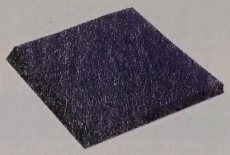
tinuing product table (1 of 2)

rt No. /Uom	Manufacturer Mfg. P/N Warranty	Size (L x W), Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 2365 EACH	Wireless Solutions B4123 90 Days	2' W x 3' L WIRELESS SOLUTIONS ESD Vinyl 3-Layer Table Mat Blue	52.00 6 2.73	40.70 36.55 34.68
NEW 9394 EACH	Wireless Solutions B4124 90 Days	2' W x 4' L WIRELESS SOLUTIONS ESD Vinyl 3-Layer Table Mat Blue	56.60 8 3.64	44.32 39.79 37.76

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size (L x W), Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 468377 1 EACH	Wireless Solutions B4125 90 Days	2' W x 5' L WIRELESS SOLUTIONS ESD Vinyl 3-Layer Table Mat Blue	70.75 10 4.54	55.39 49.73 47.18
NEW 483348 1 EACH	Wireless Solutions B41440 90 Days	4' W x 40' L Roll WIRELESS SOLUTIONS ESD Vinyl 3-Layer Table Mat Blue	766.50 100 45.45	600.17 538.85 511.26
NEW 440334 1 EACH	Wireless Solutions B41240 90 Days	2' W x 40'L Roll WIRELESS SOLUTIONS ESD Vinyl 3-Layer Table Mat Blue	378.55 40 18.18	296.39 266.11 252.48
NEW 440348 1 EACH	Wireless Solutions B41304 90 Days	30" W x 40' L Roll WIRELESS SOLUTIONS ESD Vinyl 3-Layer Table Mat Blue	70.75 65 29.54	55.39 49.73 47.18

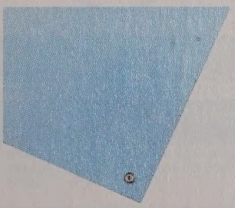
EM 5/8" Conductive Rubber Table Mat



5/8" EM CONDUCTIVE Rubber Table Mat with ground.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size (L x W), Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
20214 1 EACH	GC/Waldom 12-8042 90 Days	18"x24" Anti-static conductive desk mat Black	46.30 2.18 0.99	43.25 40.23 39.36
NEW 423390 1 EACH	Wireless Solutions BEM23 90 Days	2' W x 3' L WIRELESS SOLUTIONS 5/8" EM CONDUCTIVE Rubber Table Mat w/ ground. BLACK	157.50 20 9.09	123.33 110.73 105.06
NEW 438377 1 EACH	Wireless Solutions BEM35 90 Days	3' W x 5' L WIRELESS SOLUTIONS 5/8" EM CONDUCTIVE Rubber Table Mat w/ ground. BLACK	273.00 20 9.09	213.76 191.92 182.10
NEW 435378 1 EACH	Wireless Solutions BEM36 90 Days	3' W x 6' L WIRELESS SOLUTIONS 5/8" EM CONDUCTIVE Rubber Table Mat w/ ground. BLACK	319.20 20 9.09	249.94 224.40 212.91

ESD Solid Vinyl(TYPE B+)Table Mat



ESD Dissipative Solid Vinyl (TYPE-B+) Table Mat. Blue table mat w/ ground. WIRELESS SOLUTIONS mats are also available in Brown and Beige. USA

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size (L x W), Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
57970 1 EACH	Desco Charleswater 28494+49202 1 yr	24"x36" CHARLESWATER homogeneous static dissipative vinyl bench mat with common point ground cord, snap socket and adj wrist strap with 6' cord. Blue	69.30 5 2.27	57.21 56.91 55.44
NEW 411395 1 EACH	Wireless Solutions B5123 90 Days	2' W x 3' L WIRELESS SOLUTIONS Dissipative Solid Vinyl (TYPE-B+) Table Mat w/ ground. USA Blue	53.55 20 9.09	41.93 37.65 35.72
NEW 494377 1 EACH	Wireless Solutions B5124 90 Days	2' W x 4' L WIRELESS SOLUTIONS ESD Dissipative Solid Vinyl (TYPE-B+) Table Mat w/ ground. USA Blue	61.95 20 9.09	48.51 43.56 41.33
NEW 466327 1 EACH	Wireless Solutions B5125 90 Days	2' W x 5' L WIRELESS SOLUTIONS ESD Dissipative Solid Vinyl (TYPE-B+) Table Mat w/ ground. USA Blue	73.50 20 9.09	57.56 51.68 49.03
NEW 425347 1 EACH	Wireless Solutions B5126 90 Days	2' W x 6' L WIRELESS SOLUTIONS ESD Dissipative Solid Vinyl (TYPE-B+) Table Mat w/ ground. USA Blue	88.95 20 9.09	69.64 62.53 59.33
NEW 478385 1 EACH	Wireless Solutions B51250 90 Days	2' W x 50'L Roll WIRELESS SOLUTIONS ESD Dissipative Solid Vinyl (TYPE-B+) Table Mat Without Ground. USA Blue	493.50 67 30.45	370.13 336.57 312.88
NEW 444326 1 EACH	Wireless Solutions B51304 90 Days	30" W x 40' L Roll WIRELESS SOLUTIONS ESD Dissipative Solid Vinyl (TYPE-B+) Table Mat w/ ground. USA Blue	74.25 48 21.82	58.13 52.20 49.52

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Continuing product table (2 of 2)

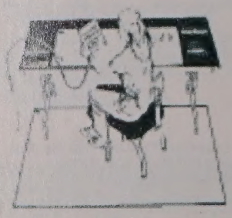
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size (L x W), Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 470385 1 EACH	Wireless Solutions B513050 90 Days	30" W x 50' L Roll WIRELESS SOLUTIONS Dissipative Solid Vinyl (TYPE-B+) Table Mat Without ground. Blue	588.00 86 39.09	441.00 401.02 372.80
NEW 490399 1 EACH	Wireless Solutions B51450 90 Days	4' W x 50'L Roll WIRELESS SOLUTIONS ESD Dissipative Solid Vinyl (TYPE-B+) Table Mat Without Ground. USA Blue	945.00 130 59.08	708.75 644.49 599.13

Static Mats for Work Tables

Static control tablemat. Includes two (installed) female snap fasteners, and 3048 wrist strap cord/table mat grounding system. For use with static wrist straps (not included)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size (L x W), Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
95007 1 EACH	3M Products 8811 1 yr	2'x4' Heat resistent: solder, hot irons; resists solvents Blue	100.65 5 2.27	91.77 91.57 91.17
81793 1 EACH	3M Products 8810 1 yr	2'x4' Heat resistent: solder, hot irons; resists solvents Grey	100.65 5 2.27	91.77 91.57 91.17
43400 1 EACH	3M Products 8830 1 yr	3'x4' Heat resistent: solder, hot irons; resists solvents Grey	150.90 5 2.27	137.62 137.31 136.71

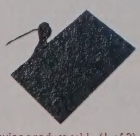
Work Station Kit



Work station grounding kit. Includes 2'x4' gray table mat, 4'x6' black Velostat floormat, 15' ground cordand wrist strap.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size (L x W), Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
98049 1 EACH	3M Products 8033 1 yr	Work station grounding kit. Includes 2'x4' table mat, 4'x6' black Velostat floormat, 15' ground cordand wrist strap.	296.55 10 4.54	270.46 269.87 268.68

V-Groove Floor Mat.



WIRELESS SOLUTIONS ESD V-Groove Floor Mat by the roll. Ground Hardware not included. USA

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size (L x W), Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 428340 1 EACH	Wireless Solutions BF435 90 Days	3' W x 5' L ROLL WIRELESS SOLUTIONS TYPE-S 3/8" ESD Anti-Fatigue Floor Mat. USA Grey	73.50 11 5	55.13 50.13 46.60
NEW 478300 1 EACH	Wireless Solutions BF335 90 Days	3' W x 5' L Roll WIRELESS SOLUTIONS TYPE-S 3/8" Anti-Fatigue ESD Floor Mat. Brown	73.50 11 5	57.56 51.68 49.03
NEW 438394 1 EACH	Wireless Solutions BF4360 90 Days	3' W x 60'L Roll WIRELESS SOLUTIONS TYPE-S 3/8" Anti-Fatigue ESD Floor Mat Grey	652.05 85 38.63	489.01 444.68 413.38
NEW 444310 1 EACH	Wireless Solutions BF3360 90 Days	3' W x 60'L Roll WIRELESS SOLUTIONS TYPE-S 3/8" Anti-Fatigue ESD Floor Mat. Brown	652.05 125 56.81	510.53 458.37 434.90

Continuing product table (2 of 2)

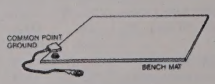
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size (L x W), Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 411394 1 EACH	Wireless Solutions BV435 90 Days	3' W x 5' L WIRELESS SOLUTIONS ESD V-Groove Floor Mat. Ground Hardware Not Included. GRAY	82.95 40 18.18	64.95 58.32 55.33
NEW 473386 1 EACH	Wireless Solutions BV4360 90 Days	3' W x 60'L Roll TESSCO V-Groove Floor Mat. 3'x60' V-Groove roll. Ground Hardware Not Included GRAY	756.00 20 9.09	567.00 515.60 479.31
NEW 479312 1 EACH	Wireless Solutions BV4460 90 Days	4' W x 60'L Roll WIRELESS SOLUTIONS ESD V-Groove Floor Mat. Ground Hardware Not Included Black	934.50 170 77.26	700.88 637.33 592.48

Floor Mat

Static control floormat. Includes 15' ground cord and two (installed) female snap fasteners.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size (L x W), Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
46442 1 EACH	3M Products 8203 1 yr	4'x6' Static control floormat with two (installed) female snap fasteners.	237.55 6 2.73	216.65 216.18 215.22

Vinyl Static-Dissipative Mat



Vinyl mat dissipates static. Includes bench mat, commo ground point for mat and wrist strap. Also includes sna socket. Wrist strap not included.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size (L x W), Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
28494 1 EACH	Desco Charleswater 16213 1 yr	2'x3' Order wrist strap (49202) separately. Blue	50.15 5 2.27	41.37 41.15 40.09
68136 1 EACH	Desco Charleswater 16214 1 yr	2'x4' Includes 15' ground cord. Blue	60.20 5 2.27	49.69 49.43 48.15
80101 1 EACH	Desco Charleswater 16202 1 yr	2'x4' Order wrist strap (49202) separately. Beige	60.20 5 2.27	49.69 49.43 48.15

Wrist Straps [605-30]

If you are buying these, you may need:

Workbenches, Complete w/ Accessories . . . . . page 1648

Hook & Loop Wrist Strap

WIRELESS SOLUTIONS Hook & Loop Comfort Wri Strap. Blue with 6' coil cord & 1/8" snap.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color, Size, Cord Length	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 414387 1 EACH	Wireless Solutions B9268 1 Year	Hook & Loop Comfort Wrist Strap. Blue 1/8" snap. Blue 6' coil cord	11.55 0.5 0.23	9.05 8.12 7.71
NEW 423324 1 EACH	Wireless Solutions B9258 1 Year	Hook & Loop Comfort Wrist Strap. Blue BAND ONLY, 1/8" snap. Blue	5.70 0.5 0.23	4.44 3.99 3.79
NEW 439394 1 EACH	Wireless Solutions B9224 1 Year	Hook & Loop Comfort Wrist Strap. 1/4" snap. Black 12' coil cord	13.65 0.5 0.23	10.69 9.60 9.11

NEW = New Listing. Pricing for reference onl See TESSCO.com for latest pricing and produc

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Static Protection Devices

ntinuing product table (2 of 2)

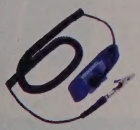
art No. ty/Uom	Manufacturer Mfg. P/N Warranty	Description Color, Size, Cord Length	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 41390 EACH	Wireless Solutions B9254 1 Year	Hook & Loop Comfort Wrist Strap. Blue BAND ONLY, 1/4" snap. Blue	5.70 0.5 0.23	4.44 3.99 3.79
NEW 48364 EACH	Wireless Solutions B9204 1 Year	Hook & Loop Comfort Wrist Strap. Black. 1/4" snap. Black 6' coil cord	11.55 0.5 0.23	9.05 8.12 7.71
NEW 64332 EACH	Wireless Solutions B9228 1 Year	Hook & Loop Comfort Wrist Strap. Black. 1/8" snap. Black 12' coil cord	13.65 0.5 0.23	10.69 9.60 9.11
NEW 64357 EACH	Wireless Solutions B9238 1 Year	Hook & Loop Comfort Wrist Strap. BAND ONLY, 1/8" snap. Black	5.70 0.5 0.23	4.44 3.99 3.79
NEW 72353 EACH	Wireless Solutions B9244 1 Year	Hook & Loop Comfort Wrist Strap 1/4" snap. Blue 12' coil cord	13.65 0.5 0.23	10.69 9.60 9.11
NEW 76375 EACH	Wireless Solutions B9234 1 Year	Hook & Loop Comfort Wrist Strap. Black BAND ONLY, 1/4" snap. Black	5.70 0.5 0.23	4.44 3.99 3.79
NEW 86334 EACH	Wireless Solutions B9248 1 Year	Hook & Loop Comfort Wrist Strap. 1/8" snap. Blue 12' coil cord	13.65 0.5 0.23	10.69 9.60 9.11
NEW 92351 EACH	Wireless Solutions B9208 1 Year	Hook & Loop Comfort Wrist Strap. 1/8" snap. Black 6' coil cord	11.55 0.5 0.23	9.05 8.12 7.71
NEW 96395 EACH	Wireless Solutions B9264 1 Year	Hook & Loop Comfort Wrist Strap. 1/4" snap. Blue 6' coil cord	11.55 0.5 0.23	9.05 8.12 7.71

djustable Comfort Wrist Strap

Adjustable Comfort Band ESD Wrist Straps. USA

art No. ty/Uom	Manufacturer Mfg. P/N Warranty	Description Color, Size, Cord Length	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 29359 EACH	Wireless Solutions B9004 30 Days	Adjustable Comfort Wrist Strap. 1/4" snap. Blue One Size 6' Coil Cord	9.15 0.5 0.23	7.16 6.43 6.10
NEW 39340 EACH	Wireless Solutions B9024 30 Days	Adjustable Comfort Wrist Strap 1/4" snap. Blue One Size 12' Coil Cord	10.40 0.5 0.23	8.15 7.32 6.94
NEW 47378 EACH	Wireless Solutions B9028 30 Days	Adjustable Comfort Wrist Strap. 1/8" Snap Blue One Size 12' Coil Cord	10.40 0.5 0.23	8.15 7.32 6.94
NEW 59374 EACH	Wireless Solutions B9008 30 Days	Adjustable Comfort Wrist Strap. 1/8" snap. Blue One Size 6' Coil Cord	9.15 0.5 0.23	7.16 6.43 6.10
NEW 82344 EACH	Wireless Solutions B9038 30 Days	Adjustable Comfort Wrist Strap. 1/8" snap. BAND ONLY Blue One Size	3.90 0.5 0.23	3.05 2.74 2.60
NEW 86360 EACH	Wireless Solutions B9034 30 Days	Adjustable Comfort Wrist Strap. 1/4" snap. BAND ONLY Blue One Size	3.90 0.5 0.23	3.05 2.74 2.60
19202 EACH	Desco Charleswater 14810 1 yr	Blue Adjustable with 6'(1.8m) coil cord.	19.20 1 0.45	15.84 15.76 15.35

TRASoft Wrist Strap



The Wireless Solutions Adjustable ESD XTRA-soft Comfort Fit Wrist Band has a 5/8" conductive fiber inner surface 10x3 Ohms/Sq.

ntinuing product table (1 of 2)

art No. ty/Uom	Manufacturer Mfg. P/N Warranty	Description Color, Size, Cord Length	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 23319 EACH	Wireless Solutions B9144 90 Days	XTRASoft Adjustable Comfort Wrist Strap. BAND ONLY with 1/4" snap. Blue	5.70 0.5 0.23	4.44 3.99 3.79
NEW 58346 EACH	Wireless Solutions B9134	XTRASoft Adjustable Comfort Wrist Strap. 12" coil cord with 1/4" snap. Blue	16.30 0.5 0.23	12.75 11.45 10.86

Continuing product table (2 of 2)

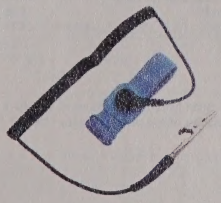
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color, Size, Cord Length	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 469323 1 EACH	Wireless Solutions B9104	XTRASoft Adjustable Comfort Wrist Strap. 6" coil cord with 1/4" snap. Blue	13.05 0.5 0.23	10.20 9.16 8.69

Flexible Metal Wrist Strap

Flexible Metal Comfort Wrist Strap. Flexible and comfortable to wear. They are designed for use in clean rooms and laminar flow areas. The coated stainless steel inner surface protect from stray charges and close has a 1 MegOhm resistor. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color, Size, Cord Length	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 427365 1 EACH	Wireless Solutions B9428 30 Days	Flexible Metal Comfort Wrist Strap. Std. 12' coil cord. 1/8" snap. Blue One Size 12'	23.10 0.5 0.23	18.09 16.24 15.41
NEW 446366 1 EACH	Wireless Solutions B9438 30 Days	Flexible Metal Comfort Wrist Strap. 1/8" snap. Blue Adjustable No Cord - Band Only	12.60 0.5 0.23	9.87 8.86 8.41
NEW 476367 1 EACH	Wireless Solutions B9468 30 Days	Flexible Metal Comfort Wrist Strap. 1/8" snap. Blue One Size 6'	20.10 0.5 0.23	15.73 14.12 13.40
34477 1 EACH	3M Products 2246 90 Days	3M static-dissipative metal wrist strap Black Medium 5'	41.75 1 0.45	38.04 37.96 37.79

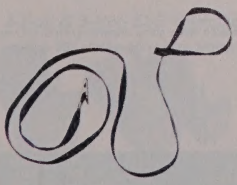
Non-Slip Adjustable Wrist Strap



Our adjustable, 5/8" comfort band wrist strap is made from soft, comfortable conductive diber surface material that expands and moves as you do. The 1/4" snap, stainless steel clip has a 1 mehOhm resistor, USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color, Size, Cord Length	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 421375 1 EACH	Wireless Solutions B9508 90 Days	Non-Slip Adjustable Wrist Strap. 1/4" snap. Blue 6" coil cord	13.05 0.5 0.23	10.20 9.16 8.69
NEW 451329 1 EACH	Wireless Solutions B9528	Non-Slip Adjustable Wrist Strap. 1/8" snap. Blue 12" coil cord with	16.30 0.5 0.23	12.75 11.45 10.86

Disposable Wrist Strap



The WIRELESS SOLUTIONS disposable wrist strap is the ideal alternative for temporary or guest ESD protection. Simply slip the wrist loop over the hand, inestr the alligator clip end through the loop and pull to snug. The strap/cord is a three-layer static dissapative vinyl. 10x6 to 10x8 Ohm/Sq. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color, Size, Cord Length	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 443388 1 EACH	Wireless Solutions B9600 30 Days	Disposable Wrist Strap. Dark Blue Vinyl Strap. Navy 35" Long	1.25 0.5 0.23	0.98 0.88 0.83

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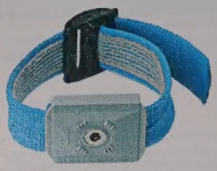
Dual Conductor Wrist Straps



Dual conductor wrist straps available in fabric and metal are for use exclusively with the 724 Workstation Monitor and the 725 Wrist Strap Monitor. Includes 5 ft. cord.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color, Size, Cord Length	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
74095	3M Products		47.95	43.73
1 EACH	2382	Medium - Metal 5 feet	0.05	43.64
	1 Year		0.02	43.45

Fixed Size Wrist Straps

Static-dissipative fabric wrist strap with 6'(1.8m) coiled grounding cord. Silver plated threads woven with elastic nylon for comfort and full conductivity. One 1 mega-Ohm resistor is built in.

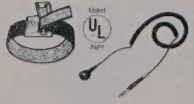
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color, Size, Cord Length	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
12409	3M Products	3M static-dissipative fabric wrist strap with coil cord.	37.80	34.46
1 EACH	2224	Burgundy Medium 10'	1	34.38
	90 days		0.45	34.23

Elastic Wrist Strap

Conductive wrist strap. Snap fastener elastic band, banana plug with corrosion resistant nickel plate. Alligator clip included.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color, Size, Cord Length	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
88438	GC/Waldom	GC conductive wrist strap.	21.70	20.25
1 EACH	20-8002	Small to Medium 5' coil cord.	0.16	18.84
	90 Days		0.07	18.43
50045	GC/Waldom	GC conductive wrist strap.	14.15	13.18
1 EACH	20-8004	Medium to Large 5' cord.	0.15	12.26
	90 Days		0.07	12.00

Adjustable Wrist Straps



Static-dissipative adjustable wrist strap ensures comfort. One size adjusts to any size wrist to provide reliable 360 degree static protection.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color, Size, Cord Length	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
24044	3M Products	3M-HIGHLAND Adjustable Static Dissipative wrist	9.65	8.80
1 EACH	2272	strap with 5' coil cord	0.3	8.78
	90 Days	Adjustable with 5' coil cord.	0.14	8.74
NEW	Desco Charleswater	CHARLESWATER Adjustable Elastic Wristband with	20.35	16.79
435152	09069	10' black coil cord. 1megaohm resistor	1.5	16.70
1 EACH	30 Days	Black cord Adjustable 10 feet	0.68	16.27
99298	3M Products	3M adjustable static-dissipative fabric wrist strap with 5'	30.40	27.71
1 EACH	2214	coil cord	1	27.65
	90 Days	Adjustable 5' coil cord.	0.45	27.53

Replacement Wrist Bands

Replacement fabric wrist band only.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color, Size, Cord Length	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
24023	Desco Charleswater	CHARLESWATER static dissipative wrist replacement	5.25	4.32
1 EACH	14770	wrist strap.	1	4.30
	90 days	Blue Large 5'	0.45	4.19

ERGO-1 Reversible Heel Grounder

WIRELESS SOLUTIONS ERGO-1 Reversible Cup Heel Grounder. Blue heel. 1megohm resistor.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color, Size, Cord Length	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Wireless Solutions	ERGO-1 Reversible Cup Heel Grounder. Blue heel.	6.55	5.10
430395	B7500	1megohm resistor.	0.5	4.58
1 EACH	30 Days	Blue One Size n/a	0.23	4.35
NEW	Wireless Solutions	ERGO-1 Reversible Cup Heel Grounder. Black heel.	6.55	5.10
432363	B7512	2megohm resistor.	0.5	4.58
1 EACH	30 Days	Black	0.23	4.35
NEW	Wireless Solutions	ERGO-1 Reversible Cup Heel Grounder. Black heel.	6.55	5.10
434359	B7510	1megohm resistor.	0.5	4.58
1 EACH	30 Days	Black	0.23	4.35
NEW	Wireless Solutions	ERGO-1 Reversible Cup Heel Grounder. Blue heel.	6.55	5.10
443335	B7502	2megohm resistor.	0.5	4.58
1 EACH	30 Days	Blue	0.23	4.35

HI-VISIBILITY Heel Grounder

WIRELESS SOLUTIONS Non-Marking HI-VISIBILITY Reversible Cup Heel Grounder. 1megohm resistor.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color, Size, Cord Length	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Wireless Solutions	HI-VISIBILITY Reversible Cup Heel Grounder.	6.85	5.35
486386	B7591	1megohm resistor.	0.5	4.81
1 EACH	30 Days	Red	0.23	4.56

SNAP & LOC Heel Grounder.

WIRELESS SOLUTIONS SNAP & LOC Reversible Cu Heel Grounder, non-marking, with resistor.USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color, Size, Cord Length	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Wireless Solutions	SNAP & LOC Reversible Cup Heel Grounder.	6.85	5.35
436305	B7527	2megohm resistor.	0.5	4.81
1 EACH	30 Days	Black one size	0.23	4.56
NEW	Wireless Solutions	SNAP & LOC Reversible Cup Heel Grounder.	6.85	5.35
486321	B7525	1megohm resistor.	0.5	4.81
1 EACH	30 Days	Black	0.23	4.56

TESSCO TECHNOLOGIES®

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FAX 410-527-0005
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D-RING Heel Grounder

WIRELESS SOLUTIONS D-RING Heel Grounder - Red Closure. 1megohm resistor. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color, Size, Cord Length	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 426374 EACH	Wireless Solutions B7529 30 Days	D-RING Heel Grounder - Red Closure. 1megohm resistor. Red	7.90 0.5 0.23	6.17 5.54 5.26
NEW 432332 EACH	Wireless Solutions B7528	D-RING Heel Grounder - Blue Closure. 1megohm resistor. Blue	7.90 0.5 0.23	6.17 5.54 5.26

ERGO-1 Toe Ground Strap

WIRELESS SOLUTIONS ERGO-1 Reversible Cup Heel Grounder. 2megohm resistor. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color, Size, Cord Length	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 41389 EACH	Wireless Solutions B7524 30 Days	ERGO-1 Reversible Cup Heel Grounder. 2megohm resistor. Blue	6.75 0.5 0.23	5.27 4.73 4.49
NEW 42381 EACH	Wireless Solutions B7522 30 Days	ERGO-1 Reversible Cup Heel Grounder. 1megohm resistor. Blue	6.75 0.5 0.23	5.27 4.73 4.49

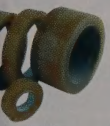
Heel Grounding Strap

Quality heel grounder made of conductive rubber with adj hook and loop fastener. Will dissipate 5000 volt charge to zero in less than .01 sec.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color, Size, Cord Length	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
18848 EACH	Desco Charleswater 17200 90 Days	Heel Ground Strap with one megohm resistor.	9.25 1 0.45	7.63 7.59 7.39

Static, Tapes & Labels [605-31]

Clear Anti-Static Tape



429381

Our ESD tape is specially designed for use in sensitive ESD areas and produces a low turboletic charge when removed from the role. Surface resitivity is 10x10 Ohm/Sq; Decay 5000V to 50V, <0.11 sec; Thickness: 2.4mil; Adhesion: 40 oz/in; Tensile Strength: 251 bs/in. Core size 1" or 3".

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 429381 EACH	Wireless Solutions B1651 30 DAYS	Clear Anti-Static Tape. 1/2"W x 1" core Clear Tape. Clear 1/2" X 1" CORE	1.80 1 0.45	1.41 1.26 1.20
NEW 433399 EACH	Wireless Solutions B1653 30 Days	Clear Anti-Static Tape. 1/2"W x 3" core Clear Tape. Clear	2.60 1 0.45	2.01 1.80 1.71

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 448383 1 EACH	Wireless Solutions B1631 30 Days	Clear Anti-Static Tape. 3/4"W x 1" core Clear Tape. Clear 3/4"W x 1"	2.45 1 0.45	1.90 1.71 1.62
NEW 455361 1 EACH	Wireless Solutions B1623 30 Days	Clear Anti-Static Tape. 2"W x 3" core Clear Tape. Clear 2"W x 3" core	9.25 1 0.45	7.24 6.50 6.17
NEW 470371 1 EACH	Wireless Solutions B1613 30 Days	Clear Anti-Static Tape. 1"W x 3" core Clear Tape. Clear	5.60 1 0.45	4.37 3.92 3.72
NEW 486331 1 EACH	Wireless Solutions B1611 30 Days	Clear Anti-Static Tape. 1"Wx 1" core Clear Tape. Clear 1" X 1"	2.95 1 0.45	2.29 2.06 1.95
NEW 492384 1 EACH	Wireless Solutions B1633 30 Days	Clear Anti-Static Tape. 3/4"W x 3" core Clear Tape. Clear 3/4" X 3"	4.20 1 0.45	3.29 2.96 2.81

Printed Anti-Static Tape, JEDC

414385

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 414385 1 EACH	Wireless Solutions B1651P 30 Days	WIRELESS SOLUTIONS Printed Anti-Static Tape. Clear Tape. JEDC Symbol. Clear 1/2"W x 1" core	3.05 1 0.45	2.39 2.15 2.04
NEW 425391 1 EACH	Wireless Solutions B1631P 30 Days	WIRELESS SOLUTIONS Printed Anti-Static Tape. Clear Tape. JEDC Symbol. Clear 3/4"W x 1" core	6.25 1 0.45	4.87 4.38 4.15
NEW 426350 1 EACH	Wireless Solutions B1633P 30 Days	WIRELESS SOLUTIONS Printed Anti-Static Tape. Clear Tape. JEDC Symbol. Clear 3/4"W x 3" core	6.25 1 0.45	4.87 4.38 4.15
NEW 455337 1 EACH	Wireless Solutions B1631P 30 Days	Printed Anti-Static Tape. 3/4"W x 1" core Clear Tape. JEDC Symbol. Clear 3/4" X 1"	4.10 1 0.45	3.21 2.89 2.74
NEW 462377 1 EACH	Wireless Solutions B1613P 30 Days	Printed Anti-Static Tape. 1"W x 3" core Clear Tape. JEDC Symbol. Clear 1" X 3" CORE	7.85 1 0.45	6.12 5.49 5.21
NEW 470393 1 EACH	Wireless Solutions B1653P 30 Days	Printed Anti-Static Tape. 1/2"W x 3" core Clear Tape. JEDC Symbol. Clear 1/2" X 3" CORE	4.45 1 0.45	3.46 3.10 2.95
NEW 499366 1 EACH	Wireless Solutions B1623P 30 Days	Printed Anti-Static Tape. 2"Wx 3" core Clear Tape. JEDC Symbol. Clear 2" X 3" CORE	14.25 1 0.45	11.14 10.00 9.49

2-Roll & 3-Roll ESD Tape Dispensers

410351 437361

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 410351 1 EACH	Wireless Solutions B1603 1 Year	3-Roll ESD Tape Dispenser.	70.35 3 1.36	55.09 49.46 46.93
NEW 437361 1 EACH	Wireless Solutions B1602 1 YEAR	2-Roll ESD Tape Dispenser.	58.70 3 1.36	45.97 41.27 39.16

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ESD Awareness Sign. JEDC Symbol

440373 442358

WIRELESS SOLUTIONS JEDC Symbol Static Awaremess Signs

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 439357 20 PACK	Wireless Solutions B6747 30 Days	WIRELESS SOLUTIONS ESD Awareness Sign. JEDC Symbol Area Sign Yellow/Black 4" x 10"	40.45 1 0.45	31.66 28.43 26.97
NEW 440373 3 PACK	Wireless Solutions B6720 1 Year	WIRELESS SOLUTIONS ESD Awareness Sign. 2-Sided, Hanging. JEDC Symbol Yellow/Black 10"Wx20"H.	50.10 1 0.45	39.22 35.22 33.41
NEW 442358 1 EACH	Wireless Solutions B6717 30 Days	ESD Awareness Poster. Self-sticking. 11"W x17"H. JEDC Symbol Yellow/Black 11" X 17"	14.10 1 0.45	11.02 9.90 9.39
NEW 443396 10 PACK	Wireless Solutions B6716 1 Year	WIRELESS SOLUTIONS ESD Awareness Sign Bench. JEDC Symbol Yellow/Black 1" X 6"	12.30 1 0.45	9.63 8.64 8.20

Floor Marketing Tape JEDC

454349

WIRELESS SOLUTIONS Floor Marketing Tape. 6 thick vinyl coated and scuff-resistant. 3"W with JEDC Symbols

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 454349 1 EACH	Wireless Solutions B1618 30 Days	Floor Marketing Tape. New "M" JEDC Symbol Yellow/Black 3"Wx 54'	22.05 1 0.45	17.27 15.51 14.71
NEW 479349 1 EACH	Wireless Solutions B1636M 30 Days	Floor Marketing Tape. Original JEDC Symbol. Yellow/Black 3"W x 108'	40.95 1 0.45	32.07 28.79 27.32

Pressure Sensitive Labels

423386 433386 448323 465398 491373

498331 498398

WIRELESS SOLUTIONS Static Control Pressuse Sensitive Labels, 500/Roll.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 423386 1 EACH	Wireless Solutions B6728 30 Days	WIRELESS SOLUTIONS Pressure Sensitive Labels Attention Label Mil-Std 129 Symbol. 500/ROLL Yellow/Black 4"X4"	21.55 1 0.45	16.86 15.14 14.37
NEW 433386 1 EACH	Wireless Solutions B6735R 30 Days	WIRELESS SOLUTIONS Pressure Sensitive Labels 2"X 2"Attention JEDC Symbol, Reuseable. 500/ROLL Yellow/Black 2" X 2"	11.60 1 0.45	9.06 8.14 7.72
NEW 448323 1 EACH	Wireless Solutions B6727 30 Days	Pressure Sensitive Labels Attention Label Mil-Std 129 Symbol Yellow/Black 2"X2"	11.60 1 0.45	9.06 8.14 7.72

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Color Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 464338 1 EACH	Wireless Solutions B6734 30 Days	WIRELESS SOLUTIONS Pressure Sensitive Labels "Attention JEDC Symbol. 500/Roll Yellow/Black 5/8"X 2"	7.60 1 0.45	5.92 5.32 5.05
NEW 465398 1 EACH	Wireless Solutions B6736 30 Days	WIRELESS SOLUTIONS Pressure Sensitive Labels Attention Label JEDC Symbol. 500/Roll Yellow/Black 4"X 4"	21.55 1 0.45	16.86 15.14 14.37
NEW 491373 1 EACH	Wireless Solutions B6712 30 Days	WIRELESS SOLUTIONS Pressure Sensitive Labels Write able - JEDC Symbol. 500/Roll Yellow/Black 1-3/4" x 2-1/2"	19.65 1 0.45	15.38 13.81 13.10
NEW 494383 1 EACH	Wireless Solutions B6725 30 Days	WIRELESS SOLUTIONS Pressure Sensitive Labels Attention Label Mil-Std 129 Symbol. Yellow/Black 5/8"X2"	7.60 1 0.45	5.92 5.32 5.05
NEW 498331 1 EACH	Wireless Solutions B6735 30 Days	WIRELESS SOLUTIONS Pressure Sensitive Labels Attention Label JEDC Symbol. 500/Roll Yellow/Black 2"X 2"	11.60 1 0.45	9.06 8.14 7.72
NEW 498398 1 EACH	Wireless Solutions B6713 30 Days	WIRELESS SOLUTIONS Pressure Sensitive Labels Reusable JEDC Symbol. 500/Roll Orange/Black 1-3/4" x 2-1/2"	20.10 1 0.45	15.7 14.11 13.38

Static Accessories [605-32]

Field Service Coil Cord

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 483321 1 EACH	Wireless Solutions B2185 1 Year	Field Service Coil Cord. 8" & 10' mated coil cords. 1 megohm resistors. 1/8" snaps.	18.80 0.5 0.23	14.72 13.22 12.54

Long Life Coil Cord

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 410392 1 EACH	Wireless Solutions B2024 1 YEAR	Long Life Coil Cord. 12' coil cord. 1 Megohm resistor. 1/4" snap.	7.25 0.5 0.23	5.68 5.10 4.84
NEW 415365 1 EACH	Wireless Solutions B2128 1 YEAR	90 Degree Angle Long Life Coil Cord. 12' coil cord. 1 Megohm resistor. 1/8" snap. USA	14.60 0.5 0.23	11.4 10.2 9.74
NEW 487386 1 EACH	Wireless Solutions B2118 1 YEAR	90 Degree Angle Long Life Coil Cord. 6' coil cord. 1 Megohm resistor. 1/8" snap.	12.10 0.5 0.23	9.46 8.50 8.06
NEW 491369 1 EACH	Wireless Solutions B2008 1 YEAR	Long Life Coil Cord. 6' coil cord. 1 Megohm resistor. 1/8" snap.	6.20 0.5 0.23	4.86 4.36 4.14
NEW 494348 1 EACH	Wireless Solutions B2004 1 YEAR	Long Life Coil Cord. 6' coil cord. 1 Megohm resistor. 1/4" snap.	6.20 0.5 0.23	4.86 4.36 4.14
NEW 498386 1 EACH	Wireless Solutions B2028 1 YEAR	Long Life Coil Cord. 12' coil cord. 1 Megohm resistor. 1/8" snap.	7.25 0.5 0.23	5.68 5.10 4.84
74119 1 EACH	3M Products 2210SP 30 days	3M Replacement coil grounding cord for 2200 series wrist straps. Includes Alligator Clip.	22.75 1 0.45	20.7 20.6 20.5

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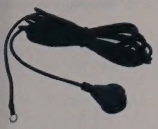
ual Coil Long Life Coil Cord

WIRELESS SOLUTIONS Dual Coil Long Life Coil Cords. I megohm resistor. built-in. Meets EOS standards. USA

rt No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 0357 ACH	Wireless Solutions B2184 1 YEAR	Dual Coil Long Life Coil Cord. 10' coil cord. I megohm resistor. 1/8" snap.	18.80 0.5 0.23	14.72 13.22 12.54
NEW 8363 ACH	Wireless Solutions B2110 1 YEAR	Light Weight Coil Cord. 10' coil cord. I megohm resistor. 1/8" snap.	16.70 0.5 0.23	13.08 11.74 11.14
NEW 7388 ACH	Wireless Solutions B2108 1 YEAR	Light Weight Coil Cord. 6' coil cord. I megohm resistor. 1/8" snap.	15.75 0.5 0.23	12.34 11.08 10.51

ommon Point Ground, Mats&Straps



WIRELESS SOLUTIONS Common Point Ground for Mats & Wrist Straps. 2 banana jack receptacles for wrist straps. 10' cord.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 3360 ACH	Wireless Solutions B9702 1 YEAR	Common Point Ground for Mats & Wrist Straps. 2 banana jack receptacles for wrist straps. 10' cord.	11.15 0.5 0.23	8.72 7.83 7.43
EW 9325 ACH	Wireless Solutions b9704 1 YEAR	QUAD Common Point Ground. Allows four grounding points. 10' Wire. No resistor.	12.20 0.5 0.23	9.54 8.57 8.13

al Bench Mat Ground

WIRELESS SOLUTIONS Dual Bench Mat Ground with dual banana plug jacks and 10' ground cord mounts quickly under your bench. USA

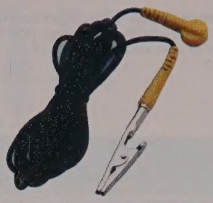
No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 321 ACH	Wireless Solutions B9742 1 YEAR	Dual Bench Mat Ground	15.15 0.5 0.23	11.84 10.63 10.09

or Mat Ground

WIRELESS SOLUTIONS Floor Mat Ground. 3/8" diameter cap; low-profile #10 ring terminal; and 10' long wire. No resistor.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 350 CH	Wireless Solutions B9701 1 YEAR	Floor Mat Ground. 3/8" diameter cap; low-profile #10 ring terminal; and 10' long wire. No resistor.	11.15 0.5 0.23	8.72 7.83 7.43

Straight Wire Ground



WIRELESS SOLUTIONS 10' Straight Wire Ground Cord with 1 MegOhm, 1/4" female snap at one end and combination akligator clip & banana jack at the other end. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 468375 1 EACH	Wireless Solutions B9715 1 Year	1/4" Straight Wire Ground Cord with 1MOhm Resistor. USA	8.15 0.5 0.23	6.35 5.71 5.41

Alligator Clip

WIRELESS SOLUTIONS High quality, unisulated alligator clip for grounding wrist straps, slips on a banana plug. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 466381 1 EACH	Wireless Solutions B9841 90 Days	High quality clip for grounding wrist straps, slips on a banana plug.	8.85 1 0.45	6.91 6.20 5.89

Snap Tool

WIRELESs SOLUTIONS SNAP TOOL tis designed for field installation of 3/8" (10mm) Male Studs (B9849) or Female Snaps (B9849), Comfort vinyl handle. 8" OAL

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 467360 1 EACH	Wireless Solutions B9844 1 Year	WIRELESS SOLUTIONS SNAP TOOL FOR 3/8" Male (B9849) or Female Snaps (B9849), Comfort vinyl handle.	37.70 1 0.45	29.52 26.51 25.15

Snaps

WIRELESS SOLUTIONS 3/8" Male Stud or Female Snap Kits. When you need to affix a male snap. Use with WIRELESS SOLUTIONS Snap Tool (B9844). 100 per bag

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 457346 1 EACH	Wireless Solutions B949 90 Days	3/8" Male Snap Kit. Use with WIRELESS SOLUTIONS Snap Tool (B9844). 100 per bag	18.80 1 0.45	14.72 13.22 12.54
NEW 493373 1 EACH	Wireless Solutions B9849 90 Days	3/8" Female Snap Kit. Use with WIRELESS SOLUTIONS Snap Tool (B9844). 100 per bag	18.80 1 0.45	14.72 13.22 12.54

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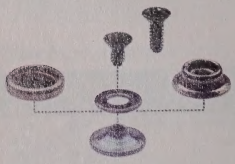
Sockets and Adapters

WIRELESS SOLUTIONS Quick & Easy 10mm Stud OR Socket Kits. Studs features push-down prongs. Ideal for multi-layer rubber or vinyl mats. Easy to use. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 450395 1 EACH	Wireless Solutions B9867 90 Days	WIRELESS SOLUTIONS Quick & Easy 10mm Male Stud Kit. Studs W/push-down prongs. 20/PK	34.45 1 0.45	26.97 24.22 22.98
NEW 469389 1 EACH	Wireless Solutions B9831 90 Days	WIRELESS SOLUTIONS 10mm Stud to 10mm Stud Kit. 20/Pk	14.70 1 0.45	11.51 10.34 9.81
NEW 490348 1 EACH	Wireless Solutions B9868 90 Days	WIRELESS SOLUTIONS 10mm Female Socket Kit. Ideal for multi-layer mats. 20/Pk	34.45 1 0.45	26.97 24.22 22.98
NEW 493395 1 EACH	Wireless Solutions B9830 90 Days	WIRELESS SOLUTIONS 10mm SOCKET to 10mm SOCKET Kit. USA 20/Pk	14.70 1 0.45	11.51 10.34 9.81

Universal Snap Kit

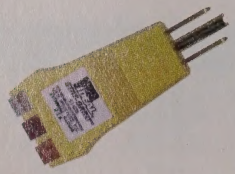


WIRELESS SOLUTIONS Universal Snap Kit is your fast and easy way to install 10mm snaps on soft work station materials. Two different length screws are provided to meet a wide range of widths. 20/Pk USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 433357 1 EACH	Wireless Solutions B9865 90 Days	WIRELESS SOLUTIONS 10MM Universal Snap Kit.	37.40 1 0.45	29.27 26.28 24.94

Static Testing [605-34]

Ideal Ground Analyzer



IDEAL Ground analyzer. Prevents one from plugging wrist strap into an bad ground.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
90381 1 EACH	Ideal Industries 61-038 1 YEAR	Ground analyzer	29.95 0.25 0.11	26.80 24.92 24.26

BOTRON Surface Resistivity Meter

BOTRON battery operated Surface Resitivity Meters allow you to check and monitor, verify and control table mats, conductive table tops, static bags and more. 6-LED version measures 10x3 to 10x10 ohms/sq while the 10-LED model measurfers 10x3 to 10x12 ohms/sq, with a +/- accuracy of 1/2 decade. Power is 9V battery. USA. Meets ESD ASTM-D257 guidelines. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 463338 1 EACH	Wireless Solutions BSRM-6 1 Year	6 Light Surface Resistivity Meter: Measures 10x5 to 10x10 ohms. Meets ESD guidelines	315.00 3 1.36	236.25 214.83 199.71
NEW 470380 1 EACH	Wireless Solutions BSRM-10 1 Year	BOTRON 10 Light Surface Resistivity Meter: Measures 10x3 to 10x12 ohms. Meets ESD guidelines	409.50 3 1.36	307.13 279.28 259.63

BOTRON Wrist Strap Tester

BOTRON Portable Wrist Strap Tester tests wrist straps and coil cords from 750 Ohms/Sq to 50 MegO hms/Sq and produces audible alarm alert. Also has low battery indicator. Requires 9V battery. USA

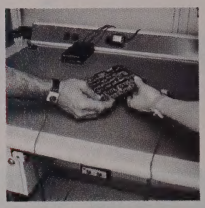
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 420338 1 EACH	Wireless Solutions B8201 1 Year	BOTRON Portable Wrist Strap Tester tests wrist straps and coil cords from 750 Ohms/Sq to 50 MegOhms/Sq.	192.15 5 2.27	144.1 131.05 121.8

Dual Wrist & Foot Strap Tester w/ Stnd

BOTRON DUAL Test Station is designed to test and verify wrist and foot grounds simultanesously and hel you maintain ISO. Designed for your cleanroom, the 36" high stand holds your static monitor securely. The support has a durable, baked-powder enamel finish a is attached to a solid 18" x 15" aluminium footplate. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 437311 1 EACH	Wireless Solutions B82250 1 Year	Dual Wrist Strap and Footwear Tester w/ Stand. Includes: Dual Tester, 9V Battery.	625.80 15 6.82	490.0 439.9 417.4

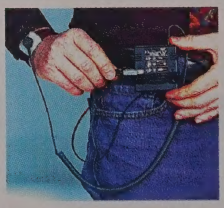
3M Continous Workstation Monitor



3M Wrist Strap Workstation Monitor verifies the res tance of the operator and work surface grnd. conne tions. If resist exceeds 35 megaohms, alarm sounds

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
91056 1 EACH	3M Products 724 90 days	3M Wrist Strap Workstation Monitor	210.00 1.5 0.68	191.5 191.1 190.7

3M Continous Wrist Strap Monitor



3M Wrist Strap Monitor. Compact, battery powered unit that continuously monitors one worker. Verifies the resistance of operator and surface ground conn tions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
13021 1 EACH	3M Products 725 90 Days	3M Wrist Strap Monitor; compact, battery powered unit	91.65 1.5 0.68	83.5 83.4 83.0

NEW = New Listing. Pricing for reference o See TESSCO.com for latest pricing and prod

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Static, Boxes & Foam [605-40]

Conductive Foam

WIRELESS SOLUTIONS Low-Density and High-Density Conductive Foam is a cross-linked polyethlene polymer that provides electrostatic protection for your sensitive componets and boards. Surface resistivity is 30k ohms/square. Meets ASTM D3575-W. USA

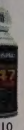
rt No. y/Uom	Manufacturer Mfg. P/N Warranty	Description Dimensions	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
17359 PACK	Wireless Solutions B1204 30 Days	Low-Density Conductive Foam.Cross-linked polymer . Surface resistivity of 30k ohms/square. 1/4"T. 5/Pk	17.85 30 13.64	13.97 12.54 11.90
34311 EACH	Wireless Solutions B1305 90 DAYS	High-Density Conductive Foam.Cross-linked polymer 24" x 36" Sheet. Surface resistivity of 30k ohms/square. 1/2"T.	46.35 5 2.27	36.27 32.56 30.89
17320 EACH	Wireless Solutions B1301 90 DAYS	High-Density Conductive Foam.Cross-linked polymer 24" x 36" Sheet. Surface resistivity of 30k ohms/square. 1"T.	68.80 5 2.27	53.86 48.36 45.88
78398 EACH	Wireless Solutions B1201 30 Days	Wireless Solutions Low-Density Conductive Foam.Cross-linked polymer; Surface resistivity of 30k ohms/square.	45.50 30 13.64	35.61 31.97 30.33
23399 EACH	Wireless Solutions B1304 90 DAYS	High-Density Conductive Foam.Cross-linked polymer 24" x 36" Sheet. Surface resistivity of 30k ohms/square. 1/4"T.	22.30 5 2.27	17.43 15.65 14.85
16333 EACH	Wireless Solutions B1205 30 Days	Low-Density Conductive Foam.Cross-linked polymer Surface resistivity of 30k ohms/square. 1/2"T. USA	23.85 30 13.64	17.88 16.26 15.12

Anti-Static Treatments [610-10]

If you are buying these, you might need:

Radio/Phone Parts . . . . . page 1794

nti-Static Freeze Spray



Rapidly evaporating liquid that contains an anti-static agent. Leaves no residue. Non-flammable, non-conductive. Can be used as a trouble shooting aid in static sensitive areas for finding intermittent faults in components. Also detects cold solder joints & oxidized junctions.

10

t No. Uom	Manufacturer Mfg. P/N Warranty	Description, Size, Footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
710 ACH	Techspray 1747-10S 1 yr	Anti-Static Freezer No CFCs , or HCFCs. 100% HFC. 10 oz Aerosol	7.30 0.75 0.34	6.61 6.37 6.14
096 ACK	Techspray 1747-10S 1 yr	Anti-Static Freezer No CFCs , or HCFCs. 100% HFC. 10 oz Aerosol, 12pack	84.50 9 4.09	73.92 71.81 70.55

ti Static Spray

A fast drying, anti-static coating that eliminates static charge and reduces triboelectric generation from most surfaces. Recommended for applications that experience flexing and movement and for plastics such as polyethylene, polypropylene, and polyphenylene oxide (Noryl).

99

No. Uom	Manufacturer Mfg. P/N Warranty	Description, Size, Footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
099 ACH	Techspray 1726-2FP 30 days	Zero Charge Anti-Static Spray 2 oz	5.90 0.16 0.07	3.86 3.86 3.86

Rubber & Vinyl Mat Cleaner

450317 455349

BOTRON Rubber & Vinyl Mat Cleaner removes spots, stains and dirt from rubber and vinyl mats. This safe, water-based formula leaves no tacky residue. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, Footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 450317 1 EACH	Wireless Solutions B8018 90 DAYS	Rubber & Vinyl Mat Cleaner. 1 quart bottle. 1 quart	7.50 1 0.45	5.85 5.25 4.98
NEW 455349 1 EACH	Wireless Solutions B8011 90 DAYS	Rubber & Vinyl Mat Cleaner. 8 oz. Bottle. 8 oz.	4.75 1 0.45	3.71 3.33 3.16

Mat and Table Top Cleaner

62828

Zero Charge ESD Table Top and Mat cleaner is a Neutral PH cleaner for general puspose use in production areas. Removes grease, oils, dust and dirt to keep ESD properties at their proper levels. The product cleans and eliminates chanrges and leaves an anti-static agent that helps prevent static build-up on mats and table top surfaces. USA.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, Footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
62828 1 EACH	Techspray 1733-PT 30 Days	ESD Table Top & Static Mat Cleaner 1 pint	8.30 1.4 0.64	7.53 7.25 6.99

Zero Charge Hand Lotion

55214

Zero Charge Hand Lotion is designed to create maximum wrist strap contact to the skin to increase ESD properties. It contains no Silicone or Lanolin, has a high gloss appearance, and absorbs completely. USA

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, Footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
55214 1 EACH	Techspray 1702-QP 30 Days	Zero CHarge Hand Lotion 1 Quart -	10.75 1.5 0.68	9.77 9.40 9.07

Air Dusters [610-15]

Vortex High Velocity Duster

Vortex Duster is a high volume, high velocity duster designed to blast contamination from surfaces. The pure, moisture free, inert gas quickly dislodges dust and particulate from hard to reach areas. 100% HFC-134a, Vortex Duster is non-flammable, safe on plastics, and non-Ozone depleting.

- Leaves no residue
- 100% HFC-134a
- No CFC's or HCFC-22

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
80648 1 EACH	Techspray 1697-10S 1 yr	High Velocity Duster 10 oz. Aerosol	10.15 0.9 0.41	9.19 8.85 8.54

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High Velocity 360 Deg. Duster

Vortex Duster is a high volume, high velocity duster designed to blast contamination from surfaces. The pure, moisture free, inert gas quickly dislodges dust and particles from hard to reach areas. 100% HFC-134a, Vortex Duster is non-flammable, safe on plastics, and non-Ozone depleting.

- Can be used in any position without dispelling liquid
- Inversion ability is excellent for tight spaces and office equipment
- Leaves no residue
- 100% HFC-134a
- No CFC's or HCFC-22

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30657 1 EACH	Techspray 1697-8S 1 yr	360 Degree High Velocity Duster. 8 oz. Aerosol	8.75 0.83 0.38	7.95 7.65 7.38

Envi-Ro-Tech Duster

Exceptionally pure, moisture free, inert gas which is expelled at a high velocity removing particles without the use of harmful solvents. Non-flammable, leaves no residue, moisture free, non-abrasive, odorless safe on most plastics, no irritating smell, non-corrosive and zero ozone depletion potential.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
41760 1 EACH	Techspray 1671-10S 1 yr	Duster 100% HFC-134a, No CFC's or HCFC-22 10 oz. Aerosol	6.35 0.75 0.34	5.77 5.55 5.36
70140 12 PACK	Techspray 1671-10S 1 yr	Duster 100% HFC-134a No CFC's or HCFC's 10 oz. Aerosol 12/pk	71.65 9 4.09	62.69 60.90 59.82

Micro-Blast

90091

Micro-Blast "Canned Air" is HFC based and has lots of pushing power for dry cleaning of circuit boards. NOTE: Price includes hazardous material handling fee.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
90091 1 EACH	Micro Care Corporation MCC-DST 30 days	Microblast duster 10 oz.	6.45 0.63 0.29	6.04 5.94 5.87

Series II Airjet

Series II Airject is formulated for dusting and cleaning of components and equipment. Used for blowing dust and residue out of hard to reach places with-out scratching. An alternative for dusters containing Freon 12 & Freon 22. NOTE: Price includes hazardous material handling fee.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36184 12 PACK	GC/Waldom 19-8475 90 Days	Series II Airject No CFC's, VOC's, or HCFC's. 100% Tetrafluoroethane. 12 oz. can, 12/ctn	100.25 9 4.09	93.60 87.05 85.18

Cleaner/Degreasers [610-24]

Notice about CFC sales

It is a violation of federal law to sell, distribute, or offer to sell or distribute, any chlorofluorocarbon (CFC) containing or aerosol hydrochlorofluorocarbon (HCFC) containing cleaning fluid for electronic and photographic equipment to anyone who is not a commercial user of this product. The penalty for violating this prohibition can be up to $25,000 per sale. Individuals must present proof of their commercial status in accordance with 40 CFR 82.68(c) or 82.68(c)

- Items with an * in the descripiton are for COMMERCIAL use only
- All Chemical products and/or HAZMATS are shipped via Ground Transportation

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
70990 1 EACH	TESSCO Services CFC NOTICE	Restricted sales for CFC based Products.	6.15 0.01 0	6.15 6.15 6.15

Isopropyl Alcohol

62789 493117 62802

Isopropyl Alcohol. 99% pure, anhydrous isopropanol for general purpose cleaning. Excellent for tape head cleaning, flux removal. Can be used as a thinner for most fluxes.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
62789 1 EACH	Techspray 1610-P 30 days	1 pint Isopropyl Alcohol in plastic container	7.85 1 0.45	7.11 6.84 6.60
NEW 493117 1 EACH	Techspray 1610-50 30 days	50 Pre-Saturated Packets per carton	16.60 1 0.45	15.05 14.49 13.97
62802 1 EACH	Techspray 1610-N 30 days	10ml Pen, Isopropyl Alcohol for spot cleaning.	5.05 0.08 0.04	4.57 4.40 4.24

Eco Line Cleaner/Degreaser

This cleaner/degreaser is a blend of isopropanol and ethanol, designed for cleaning electronic and electrical equipment, machinery and metal parts. Its rapid evaporation and complete compatibility with plastics makes it the perfect choice for general cleaning.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
42072 1 EACH	Techspray 1620-10S 1 yr	Eco-Line 1620-10S No CFC's or HCFC's 10 oz. Aerosol	9.60 0.5 0.23	8.68 8.36 8.06

Kleen ATMS HD Cleaner/Degreaser

53341

Kleen ATMS is an azeotropic blend of AK225, trans-dichloroethylene and methanol. A ideal 1,1,1-trichloroethane(methyl chloroform)replacement, it is designed to be a general cleaner/degreaser and defluxer. Having excellent solvency, Kleen ATMS is aggressive towards greases, oils and similar soils. Non-Flammable

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
48345 1 EACH	Techspray 1664-18S 1 yr	Kleen ATMS 1664 Contains HCFC-225 18 oz. Aerosol	22.80 1.2 0.55	20.7 19.9 19.2
53341 1 EACH	Techspray 1664-8S 1 yr	Kleen ATMS 1664 Contains HCFC-225 8 oz. Aerosol	12.60 1 0.45	11.4 11.0 10.6

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Blue Shower Alternative Cleaner

Fast acting and highly effective cleaner containing a blend of HCFC's. Safe for cleaning most electronic equipment. Used to remove oils, greases, dirt, silicone, fluxes & similar soils. (not recommended for acrylic, polystyrene, or polycarbonate materials). *FOR COMMERCIAL USE ONLY

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
5927 ACH	Techspray 1677-12S 1 yr	Envi-Ro-Tech Blue Shower Alternative Does not contain CFCbut does contain HCFC-141b. 12 Oz can. *	8.25 0.96 0.44	7.46 7.18 6.93
6685 PACK	Techspray 1677-12S 1 yr	Envi-Ro-Tech Blue Shower Alternative, Does not contain CFCBut does contain HCFC-141b. 12 Oz can./ Case 24 *	267.40 18 8.18	233.94 227.26 223.25
2713 ACH	Techspray 1677-22S 1 yr	Envi-Ro-Tech Blue Shower Alternative, Does not contain CFCBut does contain HCFC-141b. 22 oz. can *	16.45 1.66 0.75	14.90 14.35 13.84
5078 PACK	Techspray 1677-22S 1 yr	Envi-Ro-Tech Blue Shower Alternative, Does not contain CFCBut does contain HCFC-141b. 22 oz. can 12/ ctn *	196.95 16.5 7.5	172.31 167.39 164.43

nvi-Ro-Tech HD Cleaner/Degreaser

Heavy duty contact cleaner/degreaser used to penetrate and dissolve non-polar soil such as oil, grease, wax, tar, adhesive and rosin. Also an excellent cleaning product for electronic and electrical equipment, machinery and metal parts. Penetrates rapidly, zero residue, non-corrosive, non-flammable, will not attack metal surfaces, quickly dissolves soils. NOT RECOMMENDED FOR SOME PLASTICS.

No. Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
666 ACH	Techspray 1675-12S 1 yr	EnviRoTech 1675 HD Cleaner/Degreaser 12 oz. Aerosol *	12.40 1 0.45	11.23 10.81 10.42

ue Shower II

Blue shower II was developed for general cleaning and degreasing. Non-flammableand safe on plastics, blue shower II is the standard for precision cleaning including hand oils, solder oils, greases, silicone, fluxes and similar soils. Excellent for tape head cleaning and general degreasing.

No. Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
524 CH	Techspray 1667-18S 1 yr	Blue Shower II 1667 Contains HCFC-225 18oz.Aerosol	23.90 1.2 0.55	21.69 20.88 20.14
913 CH	Techspray 1667-8S 1 yr	Blue Shower II 1667 Contains HCFC-225 8 oz.Aerosol	12.65 0.8 0.36	11.46 11.03 10.64

Contact Cleaner II

Designed for either batch cleaning or hand operations, contact cleaner II removeoil, greases, silicones, dirt and grime from contacts and pads. Non-flammable and safe on plastics, Contact Cleaner II is the optimum solvent for contacts.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
21917 1 EACH	Techspray 1668-18S 1 yr	Contact Cleaner II 1668 Contains HCFC-225 18oz. Aerosol	24.60 1.2 0.55	22.32 21.49 20.73
13699 1 EACH	Techspray 1668-8S 1 yr	Contact Cleaner II 1668 Contains HCFC-225 8 oz. Aerosol	13.25 0.7 0.32	12.01 11.56 11.15

Envi-Ro-Tech Kleen-It

Fast acting and highly effective cleaner/lubricant containing a blend of HCFC's.Flushes away grease, dirt, oil and oxidized surface metals leaving a thin protective coating of silicone to lubricate and protect against corrosion. *COMMERCIAL USE ONLY

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
25180 1 EACH	Techspray 2410-12S 1 yr	EnviRoTech-Kleen It Does not contain CFCbut does contain HCFC-141b. 12 oz. Aerosol *	10.15 1 0.45	9.19 8.85 8.54
84370 24 PACK	Techspray 2410-12S 1 yr	EnviRoTech-Kleen It Does not contain CFCbut does contain HCFC-141b. 12 oz. can, 24/ctn *	332.90 24 10.91	291.27 282.95 277.96

Rid-Ox Contact Cleaner/Preservative

TechSpray's Rid-Ox is a premium product designed specifically for improving conductivity, while sealing and protecting connectors and contacts. It is formulated as a surface cleaner/preservative and is ideal for lubricating and protecting surfaces from further oxidation. Rid-Ox is used as a general treatment for connectors, contacts, and other metal surfaces.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
61584 1 EACH	Techspray 2112-6S 1 yr	Rid-Ox 2112-6S No CFC's or HCFC's 10 oz. Aerosol	9.00 0.5 0.23	8.14 7.84 7.56

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Asahiklin AK225 Cleaner/Degreaser

AK225 neat is 100% HCFC225. Completely non-flammable and safe on metals and plastics, the straight AK225 is an excellect solvent for metal degreasing. Vapor degreasing with AK225 offers superior cleaning on video heads, reflector glasses for laser printers, scanners and other equip. that requires optimal cleanliness.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
99952 1 EACH	Techspray 1663-18S 1 yr	Asahiklin AK225 1663 Contains HCFC-225 18 oz. Aerosol	25.85 1.2 0.55	23.47 22.59 21.79
28162 1 EACH	Techspray 1663-8S 1 yr	Asahiklin AK225 1663 Contains HCFC-225 8 oz. Aerosol	13.60 0.8 0.36	12.33 11.86 11.44

Eco Line Contact Cleaner

Contact Cleaner contains a hexane mixture which cleans electrical contacts and connections. Ideal for switches, relays, contact pads and other places of electrical connections. Safe on plastics, the solvent will not damage switch housings.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
28858 1 EACH	Techspray 1622-10S 1 yr	Eco Line Contact Cleaner No CFCs or HCFC's 10 oz. Aerosol	9.15 0.75 0.34	8.30 7.99 7.71
40072 24 PACK	Techspray 1622-10S 1 yr	Eco Line Contact Cleaner No CFCs or HCFC's 10 oz. Aerosol	219.40 18 8.18	191.94 186.46 183.17

Contact Cleaner

A nonflammable, fast-drying contact cleaner that is safe on plastics. Also does not conduct electricity so it can be sprayed on energized ("hot") electrical circuits. Mil-spec approved. No aroma.

- Will not harm most plastics, rubber belts or LEDs
- Non-Flammable and Non-Conductive. Can be used while a circuit is hot
- Contains HCFC-141b
- Due to potential global warming effects, Select this product only when no other product meets the performance/safety requirements

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
84200 1 EACH	Micro Care Corporation MCC-PC2	Contact Cleaner Contains Class II chemicals 16 oz. aerosol	20.45 1 0.45	19.13 18.82 18.61

Glass, Plastic, & Metal Cleaner

Glass, Plastic and Metal cleaner in an easy to use pump aerosol can.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
45666 1 EACH	Micro Care Corporation MCC-4761 30 days	Glass, plastic, and metal cleaner 12 oz. pump aerosol	6.05 0.75 0.34	5.66 5.57 5.51

Contact Cleaner C

This is the highest-performance precision contact cleaner formulated by DuPont. It is nonflammable, non conductive, plastic-safe, LCD screen safe and dries instantly, with almost no aroma. It can be used safely o circuit boards, cable harnesses, rinsing grit from electromechanical relays, dust from keyboards, LCD displays, and light oils from solvent-trapping motor windings. Micro Care Contact Cleaner C is completel ozone-safe and 100% VOC-exepmt. Safe on plastics, rubber and elastomers.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 496314 1 EACH	Micro Care Corporation MCC-CCC	Contact Cleaner, VOC-EXEMPT 10.5 oz	21.05 1 0.45	19.69 19.37 19.16

Tidy Pen/ Label Remover

80099 460175

Removes pressure-sensitive labels, tapes, price tags a adhesives. Huge time saver. Packaged for retail displa

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
80099 1 EACH	Micro Care Corporation MCC-PEN	TidyPen	6.50 0.1 0.05	6.07 5.98 5.91
47825 3 PACK	Micro Care Corporation MCC-PEN	TidyPen -3 pack	19.00 0.1 0.05	17.77 17.46 17.25
24453 10 PACK	Micro Care Corporation MCC-P01	TidyPen / Display box of 10 pens.	64.90 1 0.45	60.61 59.7 59.0
NEW 460175 1 EACH	Techspray 1613-6S	Label & Adhesive Remover 6 oz.	8.40 0.1 0.05	7.62 7.35 7.05

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attery Terminal Cleaner

Battery terminal cleaner is a safe an effective way to clean corrosion and buildup off of automobile battery connections.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
7897 ACH	Wireless Solutions BATTERY CLEANER 30 days	Aerosol Spray can 15 oz	6.55 1 0.45	6.23 6.10 5.77

itrus Base Cleaner

Citrus Base Cleaner uses pump action to put 100% active ingredients on a dirty surface. Helps to remove oil, grease, tar, liquid adhesive, adhesive tape residue, inks, dirt and scuff marks. Non-corrosive. Can be washed away with water. Zero effect on the ozone layer

t No. Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
740 ACH	3M Products CITRUS CLEANER 1 yr	24oz spray aerosol propellants 24oz spray can	14.20 0.05 0.02	13.57 13.53 13.39

oaming Plastic and Glass Cleaner

TechSpray's Foaming plastic and glass cleaner is the perfect choice for removing film, nicotine, and other contaminents from car windows, computer monitors and other glass and plastic surfaces. Strong foaming action won't run off the surface before you can wipe it. Non ozone depleting. Safe on plastics. Non streaking.

No. Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
56 CH	Techspray 1625-18S 1 year	Foaming Plastic and Glass cleaner. 18 oz Aerosol can	3.25 1.22 0.55	2.95 2.84 2.74

chSpray Blue Shower G3

TechSpray Blue Shower G3 cleaner degreaser is a direct replacement for products containing HCFC-141b. For precision cleaning of electronics & electrical Eqp

No. Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 365 CH	Techspray 1630-16S 1 yr	TechSpray Blue Shower G3 cleaner degreaser (direct replacement for products containing HCFC-141b) 16 Oz can. *	16.20 0.01 0	14.68 14.13 13.63
W 345 CH	Techspray 1632-16S 1 yr	TechSpray Contact Cleaner G3 direct replacement for products w/HCFC-141b. 16oz. Aerosol	16.20 0.7 0.32	14.68 14.13 13.63

Screen & Keyboard Cleaner

53619 59403

Pop-up dispenser. Cleaner eliminates static charge from sensitive survaces. Non-streaking, non-abrasive, fast drying. Reduces accumulation of dust and removes contaminants. Use on CRT's, photocopy and fax machines, POS terminals and bar code readers. Safe on most plastics. 48 wipes per container. Specs: MIL-81705B, Electrostatic Decay Criteria - NFPA 56A

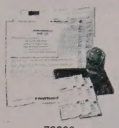
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
53619 50 PACK	Techspray 1743-50PK 1 year	Screen & Keyboard Cleaner No CFC's, Class I orClass II Compounds Individual Packets	16.70 0.75 0.34	15.16 14.59 14.07
59403 1 EACH	Techspray 1743-DSP 1 year	Screen & Keyboard Cleaner No CFC's, Class I orClass II Compounds Pop-Up Dispenser	12.10 0.65 0.3	10.97 10.56 10.19

Blue Stuff Contact Cleaner

Cleans, polishes and lubricates drum and switch type tuner contacts. Formulated with mild abrasive cleaners dispersed throughout a thick lubricant. Works continuously removing oxidation and improving the electrical contact for months. Safe on most plastics. Not recommended for acrylic, polystyrene or polycarbonate. *COMMERCIAL USE ONLY

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
87321 1 EACH	Techspray 2411-12S 1 yr	Blue Stuff. No CFCs Contains HCFC-141b 12 oz. Aerosol *	10.15 0.75 0.34	9.19 8.85 8.54

Copper Cleaning Kit



79899

POLYPHASER copper cleaning kit. Incl. cleaner, 4 oz. joint compound, finger towelette.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
79899 1 EACH	PolyPhaser CCK 30 Days	POLYPHASER copper cleaning kit. Incl. cleaner, 4 oz. joint compound, finger towelette. instructions & MSDS sheets. Use with 33089, 21920, 24278 & 67498. 4 oz	27.95 1.5 0.68	24.60 22.92 21.81

Gold Guard Pen

466393

The pen for cleaning and lubricating gold and other noble metal contacts and connectors

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 466393 1 EACH	Chemtronics CW7400	Cleans and leaves protective lubricant in one step. Safe on most plastics.	8.60 0.2 0.09	8.60 7.81 7.52

Bench Equipment

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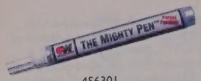
CircuitWorks The Mighty Pen



456301

The powerful universal cleaning pen

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 456301 1 EACH	Chemtronics CW3700 30 Days	The powerful universal cleaning pen	6.15 0.03 0.01	5.23 4.49 4.37

Hand Cleaners [610-25]

Lava Heavy Duty Hand Cleaner

495064 489007 492000 462097

Ever since 1893, Lava has been cleaning the grime, muck and filth off of hard working hands. Coal miners, oil rig workers, and do-it-yourselfers alike used the power if pumice to get clean. These days Lava comes in many different forms, Lava Bars, Lava Liquid and when there is no sink around you need Lava Heavy Duty Hand Cleaner Towels.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
495064 1 EACH	WD-40 10087 30 days	Lava liquid soap 7.5oz	3.80 0.66 0.3	3.17 2.80 2.72
489007 1 EACH	WD-40 10088 30 days	Lava liquid soap 16oz	3.90 1.1 0.5	3.22 2.84 2.76
492000 1 EACH	WD-40 10082 30 days	Lava liquid soap 32oz	6.80 2.25 1.02	5.67 5.00 4.86
462097 1 EACH	WD-40 10080 30 days	Lava soap towels 10ct	3.80 0.3 0.14	3.14 2.77 2.69

Scrubs Hand Cleaner Towels

480143 410162

- Premoistened heavy-duty hand cleaner towels
- Easily removes soil from your hands
- Leaves hands conditioned and protected
- Tough, durable dispenser bucket that is light and portable

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
480143 30 PACK	Wireless Solutions 422-030	30 per bucket 10 1/2" x 12 1/4"	6.80 1 0.45	5.72 5.72 5.72
410162 72 PACK	Wireless Solutions 422-072	72 per bucket 10 1/2" x 12 1/4"	17.95 2 0.91	13.11 12.93 12.75

Flux & Flux Removers [610-32]

Flux Pens

76757

The Kester Flux Pen is a unique tool for rework and touch-up soldering. It allows controlled application of flux, eliminating the mess from flux bottles. Ideally suited for surface mount rework, component add-on applications and TAB assembly operations.

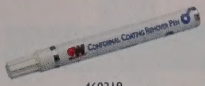
Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
76757 1 EACH	Kester Solder FORMULA #186 30 days	Formula #186 Flux Pen No CFCs, HCFCs or Trichloroethane	4.15 0.02 0.01	3.52 3.03 2.94

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
34935 20 PACK	Kester Solder FORMULA #186 30 days	Formula #186 Flux Pen No CFCs, HCFCs or Trichloroethane 20/carton	116.40 0.4 0.18	98.94 84.98 82.65

CircuitWorks Conformal Remover Pen



460319

The pen for precise removal of silicone, acrylic and urethane coatings from PCBs. Remove most type conformal coatings in seconds. Spot clean tight tolerance areas on circuit boards. Marker dispenser provides a controlled, exact application. Evaporates quickly.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 460319 1 EACH	Chemtronics CW3500 30 Days	Dispenser Pen for precise removal of silicone, acrylic and urethane coatings from PCBs. Spot clean tight areas. Evaporates quickly.	9.25 0.02 0.01	7.84 6.74 6.55

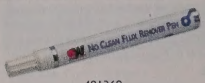
CircuitWorks Rosin Flux Remover Pen

478305

The pen for precise removal of rosin flux from printed circuit boards. Completely removes flux in seconds. Spot clean tight tolerance areas on circuit boards. Marker dispenser provides controlled and exact application Dries fast.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 478305 1 EACH	Chemtronics CW9200 30 Days	Dispenser Pen for precise removal of rosin flux from printed circuit boards. Spot clean tight tolerance areas. Dries fast.	6.85 0.02 0.01	5.83 5.01 4.87

CircuitWorks NoClean Flux Remover Pen



481369

The pen for precise removal of no clean flux from printed circuit boards. Completely removes flux in seconds. Spot clean tight tolerance areas on circuit boards. Marker dispenser provides controlled and exact application Dries fast.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 481369 1 EACH	Chemtronics CW9100 30 Days	No Clean Flux Remover Pen	7.20 0.02 0.01	7.16 6.51 6.26

Paste flux

83737

Rosin Paste Flux. Use SP-44 for touch-up or soldering of electronic assemblies since it leaves no corrosive residue.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
64594 12 PACK	Kester Solder 83-0000-0144 90 days	Twelve 2 oz. Cans	35.20 3.6 1.64	29.89 25.67 24.97
83737 1 EACH	Kester Solder 83-0000-0144 90 days	2oz. can	1.00 3 1.36	0.85 0.73 0.71

NEW = New Listing. Pricing for reference o
See TESSCO.com for latest pricing and prod
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Liquid Flux

148

Organic, water soluble flux for a wide range of general purpose applications. Delivers faster than rosin fluxing action for high speed soldering. Can be used in electronic applications provided that water cleaning is used to remove all flux residue. Circuit boards must be designed for organic fluxes and water cleaning. Residue is corrosive if not cleaned with a water system.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
21148 PACK	Kester Solder 84-0000-1429 90 days	Twelve 4-oz. bottles	32.20 3 1.36	27.34 23.48 22.84

Flux Remover

5172 80465

This flux remover is a unique combination of hydrocarbon solvents and alcohols making it an excellent defluxer. Safe on plastics and rapid evaporation, the EcoLine Flux Remover dissolves type R, RMA, RA, SA and most no-clean fluxes. Can also be used as an all-purpose cleaner for removal of light oils, silicones, waxes, greases and similar contaminants found in electronics manufacturing.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
5172 EACH	Techspray 1621-4S 1 yr	Eco Line Flux Remover No CFCs or HCFC's 4 oz Aerosol, with brush attachment	7.35 0.5 0.23	6.64 6.39 6.17
0465 EACH	Techspray 1621-10S 1 yr	Eco Line Flux Remover No CFCs or HCFC's 10 oz Aerosol	9.75 0.75 0.34	8.86 8.53 8.22

Defluxer

090 59191

This cleaner delivers surprisingly strong cleaning despite its humble ingredients. A blend of three ultra-pure water-free alcohols, it is the strongest of the alcohol-based choices. It is safer than rubbing alcohol and an excellent choice on R,RA,SA,RMA,OA fluxes and "no cleans." It has a pleasant, mildly sweet aroma with excellent toxicity ratings. Medium drying, static-safe, Mil-spec approved, biodegradable, ozone-safe and plastic safe.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 2090 EACH	Micro Care Corporation MCC-PRO 30 Days	Pro-Clean is MicrCare's best selling product. It is a blend of three ultra-pure alcohols, which make it surprisingly strong despite its humble ingredients. In fact, its the strongest of all the alcohol-based choices. Pleasant, mildly sweet aroma with excellent toxicity ratings. Medium drying. Static Safe. Extraordinarily versatile: cleans R, RA, RMA, OA fluxes and "no-cleans" Mil spec approved. Biodegradable ozone-safe and plastic safe. 120z	6.25 0.5 0.23	5.68 5.47 5.27
9191 PACK	Techspray 1679-PT 1 yr	Defluxer. 16 oz. plastic bottles. No CFCs, HFCs or HCFCs. 12/ctn.	126.60 12 5.45	110.78 107.61 105.72
9352 EACH	Techspray 1679-PT 1 yr	Defluxer. No CFCs, HFCs or HCFCs. 16 oz plastic bottle	20.20 1 0.45	18.31 17.62 17.00

TechSpray Flux Remover G3

341

TechSpray Flux Remover G3 (replacement for product w/HCFC-141b). Removes R, RA, RMA, SA type flux residue after hi-temp reflow. All purpose cleaner 16oz. Aerosol

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 2341 EACH	Techspray 1631-16S 1 Year	TechSpray Flux Remover G3 (replacement for product w/HCFC-141b) 16 oz Aerosol	15.50 0.7 0.32	14.05 13.53 13.05

FLux Remover AMS

91734 55197

Specifically designed for defluxing in vapor degreasing and cold batch cleaning, AMS offers superior flux removal for type R, RMA, RA and synthetic fluxes. Non flammable and safe on plastics and elastomers, AMS is the perfect choice for all defluxing applications, mixture of AK-225 and methanol.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
91734 1 EACH	Techspray 1665-8S 1 yr	Flux Remover AMS 1665 Contains HCFC-225 8 oz. Aerosol	13.15 0.8 0.36	11.94 11.50 11.09
55197 1 EACH	Techspray 1665-6S 1 yr	Flux Remover AMS 1665 Contains HCFC-225 6 oz. Aerosol, with application brush	12.10 0.5 0.23	10.97 10.56 10.19

Freeze Sprays [610-47]

Freeze Sprays

46955

Rapidly evaporating liquid that chills to minus 62 degrees F. Has a zero ozone depletion factor. Used as a trouble shooting aid for intermittently faulting capacitors, resistors, semi-conductors and other defective components. Protects heat sensitive components during soldering. Non-flammable, non-conductive.

Part No., Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
46955 1 EACH	Techspray 1672-10S 1 yr	Envi-Ro-Tech Freeze Spray - 1672 100% HFCs No CFC or HCFCs 10 oz. Aerosol	7.10 0.75 0.34	6.41 6.17 5.96
56926 12 PACK	Techspray 1672-10S 1 yr	Envi-Ro-Tech Freeze Spray - 1672 100% HFCs No CFC or HCFCs 10 oz. Aerosol /12pk	77.40 7.5 3.41	67.73 65.79 64.63

Solvents [610-50]

Solvents

Used to remove protective coatings such as silicon from circuit boards prior to soldering or desoldering.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
86465 1 EACH	GC/Waldom 22-209 90 days	Print Kote Solvent No CFC's or HCFC's 2 oz. bottle	5.30 0.32 0.15	4.95 4.61 4.51
88515 6 PACK	GC/Waldom 22-209 (6 PK) 90 days	Print Kote Solvent No CFC's or HCFC's 2 oz. bottle	13.00 1.92 0.87	11.21 11.02 10.83

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Lubricants [610-56]

WD-40

WD-40 is the one solution that works as hard as you do.

410098 446092

- Loosens Rusted Parts
- Displaces Moisture
- Stops Squeaks
- Protects Metal
- Cleans and removes grease, grime, tar, adhesives, gum, etc

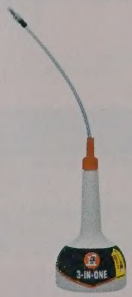
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
410098 1 EACH	WD-40 1008 30 Days	WD-40 Aerosol Can 8 Oz	3.20 0.75 0.34	2.67 2.50 2.50
446092 1 EACH	WD-40 10011 30 Days	WD-40 Aerosol Can 11 Oz	4.30 1 0.45	3.59 3.29 3.29

Penatrating Lubricant

5-Way Penatrant Plus is 100% active ingredients consentrated in a compact pump can. Penatrates to free rusted or frozen bolts nuts or controls. Provides a long-glasting lubricating film. Helps prevent rust. Displaces moisture. Stops squeaks.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
33867 1 EACH	3M Products 5 WAY PLUS 1 yr	24 Oz 5-way Lube aerosol propellants	9.10 0.48 0.22	8.71 8.69 8.59

3-In-One Multipurpose Oil



3-IN-ONE is perfect for applications that require precise control for lubrication and rust prevention, like small mechanisms and assemblies, tool maintenance and threads on screws and bolts. The new and improved 3-IN-ONE Oil bottle now features a telescoping spout, perfect for those hard to reach places.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
417090 1 EACH	WD-40 10034 30 days	3-IN-ONE lubricant 4 oz	2.50 0.3 0.14	2.07 1.83 1.78

Electrical Coatings [610-58]

Conformal Coating Overcoat Pen

Dispenser Pen for precise application of acrylic confor-mal coating. Use to repair permanent solder mask. Insulate against shorting.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 449321 1 EACH	Chemtronics CW3300C 30 Days	Dispenser Pen acrylic conformal coating. Clear	12.85 0.02 0.01	10.93 9.39 9.13
NEW 476336 1 EACH	Chemtronics CW3300G 30 Days	Dispenser Pen for precise application of acrylic confor-mal coating. Green	12.85 0.02 0.01	10.93 9.39 9.13

Electrical Coatings

3M ScotchKote electrical coating to seal tapes, splices, vapo wraps, etc. Fast drying. Brush top can.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
461192 1 EACH	Techspray 2111-N	Connector Protectant 10ml Pen	6.25 0.25 0.11	5.46 5.31 5.21
70372 1 EACH	3M Products SCOTCHKOTE 1 yr	Electrical Coating No CFC's or HCFC's. 15 oz can.	29.00 1.26 0.57	25.58 25.23 24.80
75301 10 PACK	3M Products SCOTCHKOTE 1 yr	Electrical Coating Scotchkote No CFC's or HCFC's. 15 oz. Can. Case/10.	205.30 12.6 5.73	181.05 178.59 175.51

Battery Terminal Protectant

34683

Celldyne battery terminal protectant prevents automobile battery terminals from co rosion.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
34683 1 EACH	Wireless Solutions PROTECTANT 30 days	Aerosol Spray can 10 oz No CFC's or HCFC's. 10 oz	7.30 0.8 0.36	6.90 6.76 6.39

Anti-Oxidant, Anti-Seizing Compound

55142

Noalox(R) Anti-Oxidant improves efficiency and service life of aluminum electrical applications. It consist of fine zinc particles in a carrier material. For use with all typ of pressure wire connections, including screw-on, tap, service entrance and split bo connectors. Also can be used on aluminum conduit joints.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
55142 1 EACH	Ideal Industries 30-026 N/A	Anti-Oxidant tube 4 oz. tube	7.15 0.5 0.23	6.39 5.94 5.79

NEW = New Listing. Pricing for reference o
See TESSCO.com for latest pricing and produ
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crylic Conformal Coating

Economical, acrylic conformal coating that provides insulation against high voltage arcing and corona shorts while resisting moisture and fungus. This product offers limited resistance to common alchohols, ketones, and esters. Durable coating providing a hard surface that is resistant to abrasion and staining

5185

- crylic Based
- onomical Coating
- on-Ozone Depleting
- High Dielectric Strength
- Contains Opti/Scan

rt No. /Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 5185 EACH	Techspray 2103-12S 12 months	12 oz. Acrylic Spray	14.55 0.5 0.23	13.18 12.69 12.24

ircuitWorks Gold Guard Pen

The pen for cleaning and lubricating gold and other noble metal contacts and connectors. Cleans and leaves protective lubricant in one step. Chisel tip marker for exact delivery of solvent to surface. Safe on most plastics.

452374

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 2374 ACH	Chemtronics CW7400 30 Days	Gold Guard Pen	8.60 0.02 0.01	8.60 7.81 7.52

M Scotch Cote Spray Sealer

3M Scotch Cote Spray Sealer. 13oz Aerosol for Sealing and weatherproofing connections. Adds additional layer of protection.

17

t No. Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
617 ACH	Wireless Solutions MT-461 3 Years	3M Scotch Cote Spray Sealer. 13oz Aerosol. 13oz Aerosol	18.00 0.28 0.13	17.82 17.55 17.28

Adhesives [610-60]

oof Entry Boot Sealer

MICROFLECT roof entry boot sealer. Seals boots and cushions where water may collect. 3 ounce tube. Not a hazardous item.

19

No. Jom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
919 ACH	Microflect/Valmont B1177 2 Years	Seals boots and cushions where water may collect. 3 ounce tube.	6.00 0.5 0.23	5.91 5.88 5.85

TechSpray Contact Adhesive

TechSpray Contact Adhesive is a multi-purpose adhesive spray for most applications. Quick-tack ability, water resistant & flexible. 3-Way Valve. 14 oz. aerosol

460347

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 460347 1 EACH	Techspray 3510-14S 30 days	TechSpray Contact Adhesive 3-Way Valve. 14 oz. aerosol	5.95 0.7 0.32	4.36 4.36 4.36

TechSpray Economy Adhesive

TechSpray Economy Adhesive web spray pattern covers large areas; quick-tack ability. Water resistant & non-wrinkling. 3-Way valve. 11 oz. aerosol

417316

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 417316 1 EACH	Techspray 3505-11S 30 days	TechSpray Economy Adhesive 11 oz. can	4.90 0.7 0.32	4.87 4.73 4.62

Instant Adhesives

Pronto instant adhesives are one component, high strength, fast setting cynoacrylate adhesives that cure at room temperature with low pressure. Only a drop as needed to develop strong bonds to metals, plastics and rubber.

97028

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
25468 1 EACH	3M Products CA-4 1 yr	All purpose instant adhesive. 1 oz. bottle.	16.45 0.06 0.03	15.73 15.69 15.52
97028 1 EACH	3M Products CA-40 1 yr	Instant Adhesive to join plastics, wood, aluminum, vinyl, plastics and EPDM rubber. 1 oz. bottle	16.45 0.08 0.04	15.73 15.69 15.52

Instant CA Adhesive

GR-R-RIP instant Cyanoacrylate adhesive has rapid bonding, free flowing and fast wicking properties. Good for closely mated surfaces.

23052

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
23052 1 EACH	GC/Waldom 19-115 30 days	Thin CA instant adhesive .75 oz tube.	2.90 0.1 0.05	2.68 2.50 2.44

Instant CA Gel Adhesive

Gel Cyanoacrylate instant adhesive has super strength. Gap filling gel will not run or drip. Works well for wire tacking when used with CA Accelerators.

68189

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
68189 1 EACH	GC/Waldom 19-117 30 days	Gel CA Instant adhesive .10 oz. tube	2.65 0.1 0.05	2.48 2.31 2.26

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Instant Adhesives

Pronto instant adhesives are one component, high strength, fast setting cynoacrylate adhesives that cure at room temperature with low pressure. Only a drop as needed to develop strong bonds to metals, plastics and rubber.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
75826	3M Products	Gel CA for gap fill and longer cure time. For metals,	19.65	18.82
1 EACH	CA-50	plastics, polystyrene, wood, etc. 20 oz tube.	1.5	18.76
	1 yr		0.68	18.56

Contact Adhesive

Scotch-Grip high performance contact adhesive that provides a long bonding range and excellent initial strength. Grey-olive color adheres exceptionally well to plastic laminates, rubber, coth and metal. Meets requirements MIL-A-21366A.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
68750	3M Products	Contact Adhesive 5 oz. tube.	8.15	7.81
1 EACH	1357		0.3	7.79
	30 days		0.14	7.71

Silicon Rubber Adhesive

42195 45580

One component elastomer cures to a tough rubbery solid. Designed to fulfill industrial and electronic service sealing and bonding requirements. Bonds materials to glass, metals, ceramics and most plastics. Cures to a tack free surface in 20 minutes, full cure in 24 hours. Tube includes dispensing nozzle.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
42195	GC/Waldom	Clear Silicone Adhesive 3 oz. tube.	4.45	4.15
1 EACH	10-150		0.27	3.86
	30 days		0.12	3.78
45580	GC/Waldom	Clear Silicone Adhesive 10 oz. Caulk Tube	7.05	6.58
1 EACH	EL-615		1	6.12
	30 days		0.45	5.99

Spray Adhesive

Industrial grade aerosol adhesive for exceptionally fast secure bonds. High coverage (over 160 sq. feet per can), fast aggressive tack and lower soak-in time. Two spray patterns: 1 inch and 3 inches wide. Ideal for foils, cloth, cardboard, foams, paper, carpeting, etc.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
67252	3M Products	Super 77 24 oz. can	11.05	11.02
1 EACH	SPRAY 77		1.2	10.69
	90 days		0.55	10.45

Spray Adhesive

Spray adhesive bonds to foam rubber, glass, cardboard, cloth, wood, fiberglass and carpeting. Fast tack for quic assembly time. Adjustable nozzel allows vertical or hor izontal spraying.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
87739	Wireless Solutions	VS185 12 oz. can	6.50	6.15
1 EACH	VSSA		1.2	6.02
	90 days		0.55	5.70

TechSpray H/D Adhesive

492308

TechSpray H/D Adhesive is a low soak-in adhesive spray. For temporary & permanent bonds; fast tack; water resistant & non-wrinkling. 11 oz. Aerosol

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Techspray	TechSpray H/D Adhesive 11 oz. can	4.85	4.85
492308	3500-11S		0.7	4.71
1 EACH	30 days		0.32	4.60

Caulking

22394

MICROFLECT alumilastic sealant(caulking) in convenient, easy to use tubes. Used for caulking around entries and wall openings. Us B198 gun applicator.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
22394	Microflect/Valmont	1 pound tube of alumilastic sealant.	6.00	5.91
1 EACH	B195		1.2	5.88
	2 Years		0.55	5.85

CircuitWorks Quick-Bond Adhesive Kit

464383

Conveniently packaged adhesive kit for easy and instant bond ing of rubber, metal and plastic. Ideal for wire tacking. Gel for mula is easy to apply and stays in place. Quick-Bond Accelerator insures reliable and instant bonding. Triple distille cyanoacrylate

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Chemtronics	Quick-Bond Adhesive Kit	7.65	7.63
464383	CW4300		0.01	6.93
1 EACH	30 Days		0	6.67

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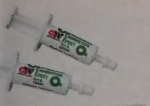
ircuit Works Conductive Expoxy



435357

Two-part epoxy system has an easy 1:1 mixing ratio of adhesive and hardener. Repair defective traces and creates jumpers. Excellent conductivity.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 5357 ACH	Chemtronics CW2400 30 Days	Two-part epoxy system adhesive and hardener.	19.85 0.03 0.01	19.85 18.03 17.35

bber Keypad Repair Kit

5018

Applies permanent conductive coating to restore electrical conductivity to worn carbon contacts. Repairs tested to 500,000 keystrokes .

No. Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
018 ACH	Chemtronics CW2605 30 Days	CHEMTRONICS Rubber Keypad Repair Kit; includes adhesive and curing agent. Twin Pack Adhesive 10 g (0.36 oz) total	10.40 0.5 0.23	9.42 9.07 8.75

Swabs & Chemical Accessories [610-63]

gger Grip Dispensing System

Inexpensive and reliable, the original Trigger Grip System cuts solvent consumption, saves time and money while improving the quality of the cleaning process. For Non-Static sensitive applications. Fits all Micro-Care brushes and syringes.

No. Uom	Manufacturer Mfg. P/N Warranty	Description, Size,	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
88 CH	Micro Care Corporation MCC-ESD2	Anti-Static Trigger Grip w//Slo Flo	45.95 0.25 0.11	42.97 42.28 41.82

uch Dispensers

3

One-handed touch on the dish dispenses the required amount of fluid, leaving the other hand free. Prevents contamination. Liquid in bottle stays clean until used. Fluid pumped into dish doesn't drip back into bottle. Hinged lid protects dish when not in use. Not for use with iodine, acids or bases.

No. om	Manufacturer Mfg. P/N Warranty	Description, Size,	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
73 CH	GC/Waldom 19-764	4 oz touch dispenser with pump	19.55 0.15 0.07	18.25 16.98 16.61
24 CH	GC/Waldom 19-766	6 oz touch dispenser with pump	21.35 1 0.45	19.92 18.53 18.13
17 CH	GC/Waldom 19-768	8 oz touch dispenser with pump	23.10 0.18 0.08	21.58 20.07 19.64

Flux Dispenser

37434

Handy squeeze bottles hold 2 ounces of liquid and can dispense one drop at a time through stainless steel needles. Avoid spills and waste by placing liquid precisely where needed. Available in standard and static dissipative material.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size,	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
74578 1 EACH	Ungar FD21	Standard dispenser with .008" needle 2 ounces.	3.30 1 0.45	2.74 2.71 2.64
48150 1 EACH	Ungar FD21D	Static dissipative dispenser with .008"needle. 2 ounces.	4.25 0.05 0.02	3.52 3.48 3.40
37434 1 EACH	Ungar FD2	Standard dispenser with .020" needle 2 ounces.	3.30 0.05 0.02	2.74 2.71 2.64
99757 1 EACH	Ungar FD2D	Static-dissipative dispenser with .020"needle. 2 ounces.	4.25 1 0.45	3.52 3.48 3.40
86543 1 EACH	Ungar FD22D	Static dissipative dispenser with .050"needle. 2 ounces.	4.25 0.05 0.02	3.52 3.48 3.40

Flux Dispenser

Handy squeeze bottles hold 2 ounces of liquid and dispenses it through a nylon or static-safe horsehair brush. For cleaning printed circuit boards and other connections. No mess, no waste.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size,	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
58866 1 EACH	Ungar SD74H	Scrub-it solvent dispenser with horsehair brush. Static safe. 2 ounces.	11.25 1 0.45	9.33 9.22 9.00

Brush Nozzle Attachment

88683

The multi-directional brush attachment reduces the amount of solvent needed to clean. Allows convenient, one-handed cleaning of electronic equipment. Nozzle rotates 360 degree for cleaning hard to reach areas.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size,	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
88683 1 EACH	Techspray 1991 1 yr	Brush Head	17.85 0.1 0.05	16.20 15.60 15.04

Technical Cleaning Brush

19530

Horse Hair is non-conductive, long lasting, resilient and soft. Excellent for sweeping fine polished surfaces.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size,	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
19530 6 PACK	Techspray 2032-1 1 yr	Two sided Technical Cleaning Brush, 1/4" and 3/16" trim. 3/8 bristle width, horse hair. 1/4" x 1/2"	35.70 0.3 0.14	32.42 31.21 30.10

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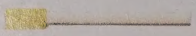
Scotchbrite Scouring Pads

18890

Scotchbrite pads used in the preparation of hardline coaxial cable.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size,	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
18890 1 PACK	3M Products 223 30 Days	3M Scotch Brite Scour pads, 3 pack	2.40 0.08 0.04	2.09 2.06 2.02
83711 24 PACK	3M Products 223 30 Days	3M Scotch Brite Scour pads, 24 packs of 3 pads	51.85 3 1.36	45.73 45.11 44.33

Chamois Tip Swabs



69112

Single-tip chamois swab with poly handle. Synthetic chamois provides a durable cleaning surface. 3-1/2" handle.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size,	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
69112 50 PACK	Techspray 2314 1 yr	Chamois Tip 3/8" tip width	20.95 0.75 0.34	19.02 18.31 17.66

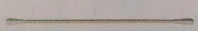
Cotton-Tip Swabs, Single Tip

30719 81641

Single-tip cotton stick. Tightly wrapped, pre-cleaned cotton insures the least amount of extractable contaminates. 6" wooden stick. Anti-static packaging.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size,	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30719 100 PACK	Techspray 2301-100 1 yr	Single-Tip 3/16" tip width	2.80 0.75 0.34	2.52 2.43 2.34
81641 30 PACK	Techspray 2313-30 1 yr	Double-tip 30 Pack 1/8" Sharp Tip	4.80 0.75 0.34	4.36 4.20 4.05

Cotton-Tip Swabs

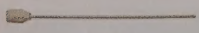


50901

Double-tip cotton stick. Tightly wrapped, pre-cleaned cotton insures the least amount of extractable contaminates. 6" wooden stick. Anti-static packaging.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size,	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
50901 1000 PACK	Techspray 2300-1000 1 yr	Double-tip 3/16" tip width	22.95 1.7 0.77	20.83 20.05 19.34

Foam-Tip Swabs



43933

Flex-tip foam swabs. Flexible foam tips provide versatility while rigid heads allow for aggressive cleaning. Tips are heat sealed to prevent tip loss even while saturated with solvent. Polyurethane foam insures excellent absorbency while minimizing contamination. Anti-static.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size,	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
43933 50 PACK	Techspray 2302-50 1 yr	Flex-Tip Swab 7/16" tip width	10.55 1.5 0.68	9.57 9.21 8.88

Lint Free Wipes

10807

Most popular size, 6" x 6", of unrippable paper for mopping up excess solvent o for cleaning in places too small for the Trigger Grip.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size,	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
10807 50 PACK	Micro Care Corporation MCC-W66	Lint-Free Wipes Small, 6" x 6"	6.45 0.75 0.34	6.04 5.94 5.87

Chemical Safety Gloves

478036

100% Nitrile Gloves contain no natural rubber proteins that cause allergic reactions. Conform to hand, reducing hand pressure and fatigue, and giving cooler, drier feeling than with natural rubber or vinyl gloves. Resists wide range of cher cals. Blue color.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size,	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
478036 100 PACK	Wireless Solutions 6AH24	N-Dex Nitrile Gloves Medium	24.00 1 0.45	17.28 16.80 16.32
441010 100 PACK	Wireless Solutions 3AH09	N-Dex Nitrile Gloves Large	23.60 1 0.45	17.00 16.52 16.05

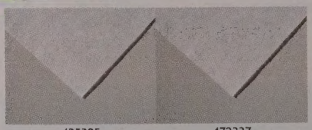
Coventry Fiber Optic Swab - 2.5mm

419357

Coventry Fiber Optic Swab 6" Polypropylene handle, special foam head (1.25 mm) for fiber optic cleaning. Bag of 5

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size,	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 419357 5 PACK	Chemtronics 25184 30 Days	Coventry Fiber Optic Swab Polypropylene handle for fiber optic cleaning. Bag of 5 6", 1.25mm	3.65 0.25 0.11	3.09 2.65 2.60
NEW 467345 100 PACK	Chemtronics 25183 30 Days	Coventry Fiber Optic Swab on Polypropylene handle for fiber optic cleaning. Bag of 100 6" handle x 2.5mmm head	65.65 0.5 0.23	55.7 47.9 46.3

COVENTRY EconoWipes



435395 472337

Coventry Econowipes Polyester/Cellulose blend, non woven wiper is desihgn for gene puspose cleaning and board cleaning.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size,	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
NEW 435395 300 PACK	Chemtronics 6709 30 Days	Coventry Econowipes non woven wiper. 300/pack 9" x 9"	21.90 0.5 0.23	18.5 16.6 16.6
NEW 472337 1200 PACK	Chemtronics 6704 30 days	Polyester/cellulose blend, non woven wiper 4" x 4"	27.45 1 0.45	23.3 20.6 20.6

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CHEMTRONICS Chempad Presat Wipes

457392

General purpose, Presaturated lint-free cleaning wipe ideal cleaning wipe (4" x 3") for computers, office equipment and electronic appliances. Nonabrasive solvent evaporates completely, leaving no residue and is safe on plastics.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size,	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 57392 PACK	Chemtronics CP400 30 Days	ChemPad Presaturated lint-free cleaning wipe 4" x 3" for electronics. 4" x 3"	17.60 0.5 0.23	14.94 12.83 12.54

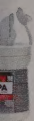
CHEMTRONICS OpticPrep Presat Wipes

414380

The highest quality pre-moistened lens-grade tissue for cleaning optical surfaces. Safely cleans and polishes optical surfaces, lenses, photographic equipment, CRT screens and instrument. Evaporates quickly and leaves no residue.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size,	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 14380 PACK	Chemtronics CP410 30 Days	OpticPrep Presaturated Wipes	16.05 0.25 0.11	13.61 11.69 11.38

CHEMTRONICS IPA Presaturated Wipes

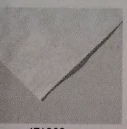


360

General purpose Presaturated wipe for cleaning. Dispensed from pop-up tub. 100 sheets per tub

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size,	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 1360 PACK	Chemtronics SIP100P 30 Days	General purpose Presaturated Isopropyl Alcholol (IPA) wipes. 100 sheets per tub 100 per tub	16.00 1 0.45	13.57 11.66 11.44

CHEMTRONICS OpticWipes.



471309

Soft laboratory-grade cellulose paper designed for use on optical and other sensitive surfaces. 9 x 9" wiper for use in Class 100 clean room.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size,	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 471309 PACK	Chemtronics C920 30 Days	OpticWipes for Class 100 Clean Room. 550 wipes/bag 9" x 9"	28.95 0.5 0.23	24.60 21.13 20.61

CHEMTRONICS Screen Presat Wipes

429301

Safely removes dust, dirt, oils & static-generated contamination. Twin pack w/wet pad 3x4" & dry wipe, 4x6"; 25 packs per box

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size,	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 429301 PACK	Chemtronics CSP20 30 Days	Screen Prep Presat Wipes 3" x 4" & 4" x 6"	18.90 0.5 0.23	16.07 13.80 13.44

Galvanizing Products [610-65]

Zinc Cold-Galvanizing Coating

70200

Fights rust and corrosion with galvanic action. Use to galvanize ferrous metal parts for touch up.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
70200 1 EACH	Techspray 3205-9S 30 days	Zinc galvanizing spray 12 oz. can	6.45 0.75 0.34	5.85 5.63 5.43

Galvanizing Paint

94908 43301

This kit is used to touch-up raw edges when cutting waveguide bridge components to fit unusual angles or lengths. The coating is of highest quality "zinc rich."

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
94908 1 EACH	Microflect/Valmont B186 2 years	Galvanizing Paint 1/2 pint can	13.00 2 0.91	12.81 12.74 12.68
43301 1 EACH	Microflect/Valmont B364 2 years	Galvanize Touch Up Spray. 16 oz. spray can	14.00 1.5 0.68	13.79 13.72 13.65

Galvanizing Spray

21970 410154

Cold galvanized compound spray. A 97% zinc organic coating used to repair galvanized surfaces damaged by welding, cutting, or drilling. Use in normal outside surface temperatures between 35-150 degrees F.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
21970 1 EACH	Cadweld T372A 1 yr	Galvanizing Spray 12 oz. spray can	17.80 1 0.45	17.27 17.09 16.91
NEW 410154 1 EACH	Wireless Solutions MT-460 1 Year	Galvanizing Spray	15.00 1.2 0.55	14.85 14.63 14.40

"PENETROX" Joint Compound

"PENETROX" oxide-inhibiting compounds produce low initial contact resistance, seal out air and moisture, and prevent oxidation or corrosion. All compounds contain homogeneously suspended metal particles that assist in penetrating thin oxide films, act as "electrical bridges" and improve electrical conductivity.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
90299 1 EACH	FCI Electrical/ Burndy PENETROX	See tables below for application and size descriptions.	0.05 0.01 0	0.00 0.00 0.00

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PENETROX A Joint Compound

PENETROX A consists of a natural (petroleum) base vehicle in which zinc particles are suspended. For Aluminum to Aluminum, Aluminum to Copper applications for all voltages. It is not recommended for use with rubber or polyethylene insulated conductors. UL Listed.

- Aluminum to Aluminum Applications
- Aluminum to Copper Applications
- Not recommended for use with rubber or polyethylene materials

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
78334 1 EACH	FCI Electrical/ Burndy PEN A-4 5 Years	Penetrox A, 4 ounce squeeze bottle.	10.85 1 0.45	8.68 8.35 8.08
26727 1 EACH	FCI Electrical/ Burndy P8A 5 Years	Penetrox A, 8 ounce squeeze bottle.	12.35 0.65 0.3	9.87 9.50 9.19
51906 1 EACH	FCI Electrical/ Burndy PEN A-QT 5 Years	Penetrox A, 1 quart (32 ounce) plastic tub.	48.85 2.5 1.14	39.08 37.62 36.40

PENETROX A13 Joint Compound

PENETROX A13 consists of a synthetic base vehicle in which zinc particles are suspended. For Aluminum to Aluminum, Aluminum to Copper applications. Compatable with insulating materials such as rubber or polyethylene. UL Listed and recommended for all voltages.

- Aluminum to Aluminum Applications
- Aluminum to Copper Applications
- Compatible with rubber and polyethylene insulating materials

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
25478 1 EACH	FCI Electrical/ Burndy PEN A-13-4 5 Years	Penetrox A13, squeeze bottle. 4 ounce	29.20 0.35 0.16	23.36 22.48 21.75
50657 1 EACH	FCI Electrical/ Burndy PEN A13-8 5 Years	Penetrox A13 8 ounce squeeze bottle.	53.05 0.35 0.16	42.43 40.84 39.51
37443 1 EACH	FCI Electrical/ Burndy PEN A13-QT 5 Years	Penetrox A13 1 quart (32 ounce) plastic tub.	208.15 2.5 1.14	166.49 160.25 155.05

PENETROX E Joint Compound

Oxide inhibiting joint compound used to improve electrical conductivity and enhance the integrity of the connection. 8 ounce squeeze bottle.

- Copper to Copper Applications

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
49408 1 EACH	FCI Electrical/ Burndy PEN E-8 5 Years	Penetrox E, 8 ounce squeeze bottle.	56.20 0.64 0.29	44.95 43.26 41.86
87801 1 EACH	FCI Electrical/ Burndy PEN E-4 5 Years	Penetrox E, 4 ounce squeeze bottle.	30.10 0.34 0.15	24.08 23.17 22.42

Antioxidant Joint Compound

Oxide inhibiting joint compound used to improve electrical conductivity and enhance the integrity of the connection. 8 ounce squeeze bottle.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 437324 1 EACH	Harger HCAJC8 5 Years	Synthetic base compound with suspended copper particles. Recommended for copper to copper connections, copper threads and all grounding applications.	30.00 0.64 0.29	17.70 16.83 16.44
NEW 493316 1 EACH	Harger HAAJC8 5 Years	Synthetic base compound with suspended zinc particles. Recommended for aluminum to aluminum, aluminum to copper connections and aluminum conduit threads.	20.00 0.64 0.29	11.80 11.22 10.96

Paints [610-70]

Tower Paint

Water Based TowerPaint for use on Untreated galvanized surfaces. Covers 200-400square feet per gallon at 1-2 mils thickness. Vinyl/acrylic emulsion resin provides long term protection and performance. Offers resistance to weather, ease of application with a paint mitt, and freedom from fire hazard. Meets FAA regulations for color coding.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
59940 1 EACH	Rohn Tower PNT-NP-05 30 days	Orange Tower Paint 1 gallon. 1 gallon *Ships Ground Freight Only	63.00 11 5	53.55 51.66 49.14
79022 1 EACH	Rohn Tower PNTNNPW9/CASE 30 days	White Tower Paint 4 gallons 1 gallon	264.00 54.5 24.77	224.40 216.48 205.92

Painting Mitt

For easy application of paint to tower sections.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size, footnoted	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
82769 1 EACH	Rohn Tower ETPM 1 year	Painting Mitt.	10.00 0.25 0.11	8.50 8.20 7.80

RTV Sealant [610-75]

If you are buying these, you might need:

Connectors for Transmission Line . . . . . page 403

Silicone Grease Compound

68424

Soft, inert silicone grease with excellent dielectric properties. Usable over a wide range of temperatures. It's consistency is vaseline-like and it is white opaque in color. It provides an excellent dielectric coating which excludes moisture and prevents high voltage arching. Makes an excellent lubricant for rubber or plastic.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
68424 1 OZ	GC/Waldom 10-8101 90 Days	1 Fluid Ounce tube.	5.95 0.5 0.23	5.54 5.48 5.39

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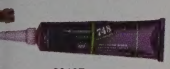
RTV Sealant

18604

Sealant hardens when exposed to air. RTV means "room temperature vulcanizing" and will harden or cure without a heat gun or other heat source.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
3604 ACH	Decibel Products 11905 90 Days	RTV sealant, 3 Oz tube	23.00 0.3 0.14	18.40 17.60 17.14

TV Sealant



80607

To create a perfect waterproof seal, this compound is injected into the back body of the Wireless Solutions connectors for corrugated cables. It fills in the gap between the connector body and cable jacket, creating a perfect, uniform seal that locks out water. One tube does ten 1/2", four 7/8", three 1-1/4", or two 1-5/8" connectors.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
607 ACH	Eupen Cable USA 744RTV 1 Year	RTV Sealant. 3 oz. tube.	19.00 0.25 0.11	18.91 18.81 18.72

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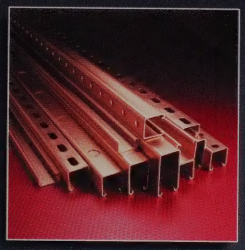

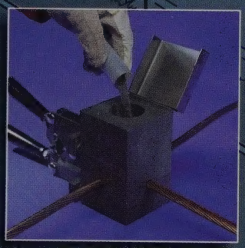

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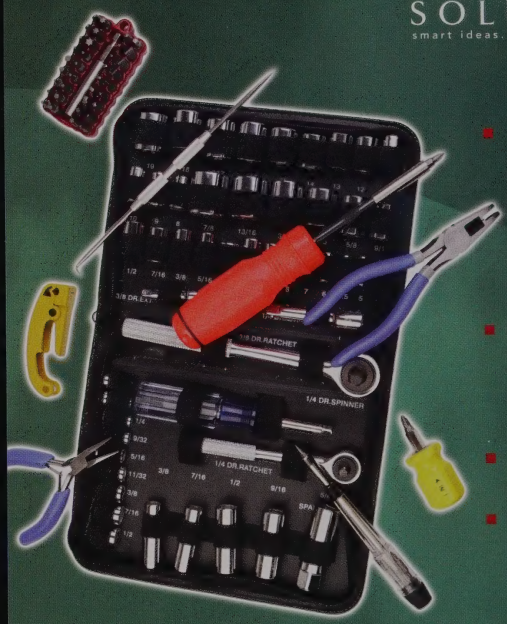

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- Auto Sound Hardware 1734
- Battery Taps And Bolts..... 1731
- Cigarette Lighter Plugs/ Sockets..... 1734
- Connectors, Bullet 1724
- Connectors, Butt 1729
- Connectors, Female Quick Slide 1725
- Connectors, Insulated Quick Slide, M/F .. 1728
- Connectors, Male Quick Slide..... 1724
- Connectors, Splice & Disconnects..... 1730
- Connectors, Wire 1732
- Crimp Caps..... 1724
- Fuses, AGC Style, Taps, Holders 1716
- Fuses, AGU Style 1723
- Fuses, ATC Style, Taps, Holders 1718
- Fuses, GMA Glass 1716
- Fuses, Mini-ATM and Maxi-ATC 1721
- Heat Shrink Guns 1738
- Heat Shrink Tubing 1736
- Modular Telephone Connectors..... 1724
- Split Loom Tubing 1733
- Switches..... 1732
- Terminal Kits..... 1724
- Terminals, Ring 1726
- Terminals, Spade/Fork 1728

Installation Hardware Supplies 1741
- Automobile Wiring Harnesses..... 1761
- Cable Clamps & Clips, Nylon 1750
- Cable Ties..... 1745
- Cable Tie Tools 1749
- Camouflage Screw Caps [..... 1761
- Grommets..... 1750
- Hook & Loop Fasteners 1744
- Tape, Electrical, & Cold Shrink 1741
- Screws, Sheet Metal & TEK 1751
- Screws, Machine..... 1756
- Screws, Metal Piercing Stingers..... 1756
- Nuts, HEX & Keep 1759
- Washers 1760
- Wire Markers 1751

Relays & Auto Electrical Accessories ... 1714
- DC Power Stabilizers/Protectors 1716
- Engine Noise Filters..... 1715
- Horn Relays 1714

Wire & Multiconductor Cables 1762
- Automotive Hookup Wire 1762
- Speaker Wire & Zip Cords 1764

Your Total Source

Horn Relays [180-63]

Bosch Relays

66032 95436 79246 53273

BOSCH Horn Relays come in many types, and are used in quite a few different vehicles. Most aftermarket relays will have a mounting tab for mounting it with a screw. Always mount them with the terminals facing down, as they will get water inside and fail.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
57043 1 EACH	Bosch 0-332-209-138 1 Year	Single pole, double throw horn relay. 12v, 50A at 150,000 cycles. Mounting bracket, High Capacity. Silver Tin Oxide Contacts.	5.95 0.1 0.05	3.81 3.65 3.57
66032 1 EACH	Bosch 0-332-209-150 1 Year	Single pole, double throw horn relay. 12v, 40A at 200,000 cycles. Mounting bracket, No resistor. Standard Capacity, Hard Silver Contacts.	5.05 0.46 0.21	3.23 3.10 3.03
95436 10 PACK	Bosch 0-332-209-138 1 Year	Single pole, double throw horn relay. 12v, 30A inductive load. Mounting bracket, dust proof. 10 pack.	59.40 1.11 0.5	38.02 36.44 35.64
79246 1 EACH	Bosch 0-332-019-150 1 Year	Single pole, single throw horn relay. 12v, 30A inductive load. Mounting bracket, dust proof.	6.65 0.08 0.04	4.25 4.07 3.98
14425 1 EACH	Bosch 0-332-019-155 1 Year	Single pole, single throw horn relay. 12v, 30A inductive load w/diode. Mntg. bracket, dust proof.	7.90 0.09 0.04	5.03 4.83 4.72
53273 1 EACH	Bosch 0-332-002-150 1 Year	Single pole, single throw horn relay. 12v, 75A inductive load, perfect for use with light bars.	27.80 0.2 0.09	17.79 17.05 16.68
59434 10 PACK	Bosch 0-332-209-150 1 Year	Single pole, double throw horn relay. 12v, 30A inductive load. Mounting bracket, dust proof.	50.40 1.1 0.5	32.26 30.92 30.24

P & B Relays

39028

Potter & Brumfield relays are now original equipment on GM cars.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
39028 1 EACH	Wireless Solutions VF4-45F11 1 Year	Single pole, double throw relay. . 12v, 30/40 amp load. Mounting bracket.	4.05 0.08 0.04	2.59 2.48 2.43
25814 50 PACK	Wireless Solutions VF4-45F11 1 Year	Single pole, double throw relay. . 12v, 30/40 amp load. Mounting bracket.	85.00 4.86 2.21	80.75 79.05 75.63

Optilux Relay

64207

Optilux relays are rugged and economical. Made for TESSCO by Hella.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
64207 50 PACK	Wireless Solutions SPDT 1 Year	Single pole, double throw relay. 12v, 30 amp load. Mounting tab.	85.00 4 1.82	80.75 79.05 74.80

Starter Kill Socket

13849

CELLDYNE pre-wired relay socket for starter kill. 18" wire leads with pre- wired diode. 3 Wire hookup.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
13849 1 EACH	Wireless Solutions RH3 1 Year	Wired relay socket with pre-wired diode for starter or ignition kills. 18" leads.	1.55 0.05 0.02	1.48 1.45 1.37

Relay Sockets

52818 66483 65456 44084

91211

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
52818 1 EACH	Bosch BR0-5WH 1 Year	Socket for 79246, 57043 and 14425. 91211 terminals are needed for complete package. No mounting tab.	0.70 0.02 0.01	0.43 0.41 0.40
66483 1 EACH	Bosch BR0-5FW 1 Year	Socket for 79246, 57043, and 14425. 91211 terminals are needed for complete package. w/ mounting tab	1.80 0.05 0.02	1.16 1.11 1.08
65456 1 EACH	Wireless Solutions RH1 1 Year	Pre-wired socket. Includes (3) 14 AWG and (2) 18 AWG 12" (30.5cm) leads	1.30 0.05 0.02	1.24 1.21 1.15
44084 1 EACH	Wireless Solutions RH2 1 Year	Pre-wired socket. Includes (3) 14 AWG and (2) 18 AWG 24" (61cm) leads.	1.50 0.05 0.02	1.41 1.38 1.31
91211 100 PACK	Bosch 42238-2/100 1 Year	Terminal to fit unwired relay sockets. Use with 16-14 ga wire.	33.35 0.25 0.11	21.34 20.45 20.00

Flasher Control

50993

BUSSMAN Flasher Control: Thermal design uses heat build-up to flash circuit on and off. Features an audible click, alerting driver that a directional signal is engaged. Generally used in older model year vehicles. Operates correctly under variable load ø flashing the designated vehicle lamps only; or additional lamps when a trailer is in tow. Does not indicate lamp outage.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
50993 1 EACH	Bussman 552 1 yr	2 terminal 12V flasher.	1.45 0.08 0.04	1.37 1.34 1.27

Power Diodes

24565

Power diodes restrict the direction of current flow. Use with flashing lights, ignition kills, horn relays, etc.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37779 20 PACK	Wireless Solutions 1ADIODE 30 days	1 amp diode. 20 per package.	1.95 0.02 0.01	1.56 1.55 1.53

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inuing product table (2 of 2)

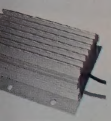
t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1565 PACK	Wireless Solutions 3ADIODE 30 days	3 amp diode. 20 per package.	5.10 0.06 0.03	4.08 4.03 3.98
351 PACK	Wireless Solutions 6ADIODE 30 days	6 amp diode. 20 per package.	18.00 0.1 0.05	14.40 14.22 14.04

Engine Noise Filters [180-65]

If you are buying these, you may need:

Digital Multimeters .....page 1491

gine Noise Filters



27020

Servicemate noise filter/spike protector. Supplies equipment with a clean and noise free DC output, equal to the input voltage. High efficiency, MOV clamp, shielded against noise and RF interference.

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
000 CH	Translectric, Inc. SM480-8 1 year	8 Amp @ 100 Duty cycle/ 16A @ 50% duty cycle. 6-48 VDC nominal input.	20.00 2 0.91	17.62 15.36 14.24
234 CH	Translectric, Inc. SM480-20 1 year	20 Amp @ 100 Duty cycle/ 30A @ 50% duty cycle. 6-48 VDC nominal input.	30.00 1.4 0.64	26.43 23.04 21.36
020 CH	Translectric, Inc. SM1200 1 year	25 Amp @ 100 Duty cycle/ 35A @ 50% duty cycle. 48 VDC-120 VDC nominal input.	30.00 2 0.91	26.43 23.04 21.36

rge Protector

13220

Surge Protectors filter both positive and negative leads, as well as provide a cost effective way to protect 12 volt equipment from power spikes and surges.

No. Jom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
20 CH	Innovative Circuit Tech. SPM12ADL 1 year	12 Amps continuous, 16 Amps intermittent @ 0-12 VDC. 4.88" X 2.36" X 1.22"	24.95 0.5 0.23	18.71 17.46 16.19
073 CH	Innovative Circuit Tech. SPM25ADL 1 year	25 Amps continuous, 35 Amps intermittent @ 0-12VDC. 4.88" X 2.36" X 1.22"	30.70 0.5 0.23	23.00 21.47 19.90

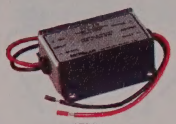
gine Noise Filters

65305

Noise filters are designed to filter out differential and common mode noise in both positive and negative leads of the electrical system.

o. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
8 CH	Innovative Circuit Tech. PCM12ADL 1 year	12 Amps continuous, 16 Amps intermittent @ .10-100 VDC. 4.88" X 2.36" X 1.22"	22.75 0.49 0.22	17.06 15.92 14.76
5 H	Innovative Circuit Tech. PCM25ADL 1 Year	25 Amps continuous, 25 Amps intermittent @ .10-100 VDC. 4.88" X 2.36" X 1.22"	27.90 0.75 0.34	20.90 19.51 18.09

Engine Noise Filters



67294

Specialized affected equipment noise filters eliminate interference in sensitive radios, stereos and video displays caused by alternators, motors or other electrical equipment. Can be used singly or in combination to attenuate conducted line noise. Installs on input power leads.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
67294 1 EACH	NewMar PC-10 2 years	Affected equipment filter. 10 amps @ 6-48 VDC.	59.95 1 0.45	39.57 38.97 38.07
22940 1 EACH	NewMar PC-25 2 years	Affected equipment filter, 25 Amps @ 6-48 VDC	92.00 1.1 0.5	60.72 59.80 58.42

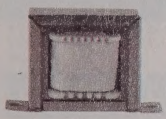
Engine Noise Filters

69792

Specialized alternator noise filters eliminate interference in sensitive radios and data transceivers caused by alternators, motors or other electrical equipment. Can be used singly or in combination to attenuate conducted line noise. Installs on alternator output lead.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
69792 1 EACH	NewMar 80-A 2 years	Alternator filter. 6-48 VDC @ 80 amps	95.00 2 0.91	62.70 61.75 60.33
99967 1 EACH	NewMar 150-A 2 years	Alternator filter. 6-48 VDC @ 150 amps	135.00 2.8 1.27	89.10 87.75 85.73

Engine Noise Filters



75999

75074

SPECO 10 amp extra heavy duty hot line filter for alternator and ignition noise noise. Capacitor and mounting hardware included.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
75999 1 EACH	CSI/Speco HLF10 2 Years	Heavy duty hot line filter to reduce alternator and ignition noise. 10 amp.	8.25 0.79 0.36	5.78 5.63 5.48
64358 1 EACH	Antenex NS1535 30 days	Reduces audio and radio frequency intereference. Low Pass filter design also protects against ignition transients. 15 amps @ 1-35 VDC.	28.00 0.25 0.11	16.13 13.42 12.55
75074 1 EACH	Antenex NS3035 30 days	Reduces audio and radio frequency intereference. Low Pass filter design also protects against ignition transients. 30 amps @ 1-35 VDC.	40.00 1.04 0.47	23.04 19.16 17.92

Ground Loop Isolator

35281

A small low level noise decoupler which breaks signal path ground loops using 1:1 isolation transformers. Decouples any DC offset voltage. Perfect solution to eliminate alternator whine.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
35281 1 EACH	Wireless Solutions N344 60 days	Ground loop isolator/noise suppressor	13.00 0.64 0.29	9.23 9.10 8.97

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Alternator Filters

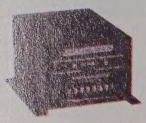
70916 84130 47246 34032

Alternator noise filter reduces alternator whine with a combination choke coil and capacitor.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
70916 1 EACH	Wireless Solutions N5C 1 year	Noise filter, choke only. Should only be used with systems that already have capacitors on the radio. 10 amp.	5.60 0.64 0.29	3.98 3.92 3.87
84130 1 EACH	Wireless Solutions N3 1 year	Choke type noise filter. 1000 uf capacitor. 3 amp.	6.60 1 0.45	4.66 4.60 4.53
47246 1 EACH	Wireless Solutions N5 1 year	Choke type noise filter, 1000 uF capacitor. 15 amp.	10.50 0.64 0.29	7.46 7.35 7.25
34032 1 EACH	Wireless Solutions N25 1 year	Choke type noise filter, 1700 uf capacitor. 30 amp.	15.20 0.64 0.29	10.80 10.64 10.49

DC Power Stabilizers/Protectors [180-70]

Supplemental Battery

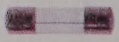


The Start-Guard solves the problem of memory dump by providing supplemental voltage to sensitive electronics during engine start. Contains a sealed battery and sense circuit.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
61554 1 EACH	NewMar NS-12-20 2 years	Provides up to 20 amps at 12VDC for 20 seconds. Battery is recharged from the vehicles DC system. 8.25 x 4.9" x 3.5".	199.00 5.5 2.5	131.34 129.35 126.37
NEW 14461 1 EACH	NewMar NP-12 2 years	Absorbs spikes, filters out electrical interference, and provides supplemental voltage/battery backup for up to 15 minutes	349.00 5.36 2.44	249.54 244.30 240.81

GMA Glass Fuses [620-08]

GMA Fuses



17460

5mm X 20mm glass fuses. Used in many cigarette lighter adaptors.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
40411 100 PACK	Wireless Solutions GMA .5 30 days	.5 Amp. 100 pack	6.00 0.06 0.03	5.70 5.64 5.55
17460 10 PACK	Wireless Solutions GMA 1.0 30 days	1 Amp. 10 pack.	1.05 0.02 0.01	1.00 0.99 0.98
43878 100 PACK	Wireless Solutions GMA 1.0 30 days	1 Amp. 100 pack	6.00 0.06 0.03	5.70 5.64 5.55
26157 100 PACK	Wireless Solutions GMA 1.5 30 days	1.5 Amp. 100 Pack	6.00 0.5 0.23	5.70 5.64 5.55
61463 100 PACK	Wireless Solutions GMA 2.0 30 days	2.0 Amp. 100 pack	13.60 0.15 0.07	12.90 12.76 12.56
12943 100 PACK	Wireless Solutions GMA 3.0 30 days	3.0 Amp . 100 pack	6.00 0.5 0.23	5.70 5.64 5.55
51336 100 PACK	Wireless Solutions GMA 5.0 30 days	5.0 Amp. 100 pack	6.00 0.5 0.23	5.70 5.64 5.55

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
14060 25 PACK	Wireless Solutions GMA 8.0 30 days	8 Amp, 25pk.	2.00 0.5 0.23	1.89 1.87 1.84
90837 100 PACK	Wireless Solutions GMA 10.0 30 days	10 Amp. 100 pack	6.00 0.18 0.08	5.70 5.64 5.55

AGC Style Fuses, Taps, Holders [620-10]

115 Pc. ACG Glass Fuse Assortment

90292

115 piece glass type fuse assortment features 10 each of 1, 2, 3, 4, 5, 7.5, 10, 15, 20, 25, & 30 amp fuses in polyethelene parts box.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
90292 1 EACH	Wireless Solutions AGC-KIT 30 days	115 pc Glass Fuse Assortment	46.85 0.8 0.36	34.18 33.24 32.30

180 Pc. ACG, ATC Fuse Kit

85296

180 piece glass type fuse assortment features 10 each AGC 1, 2, 3, 5, 10, 15, 20, 30 Glass fuses. ATC 3, 5, 7.5, 10, 15, 20, 30 Blade fuses, Taps.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
85296 1 EACH	Wireless Solutions AGC-ATC FUSEKIT 30 days	180 pc Glass and Blade Fuse Kit	78.00 0.8 0.36	56.94 55.38 53.82

Bussman AGC Fuses

32892

AGC glass fuse, 1 1/4" long

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
71407 100 PACK	Bussman 0.1 AGC 30 days	0.1 Amp. Made in USA	9.15 0.34 0.15	8.68 8.59 8.45
34375 100 PACK	Bussman 0.5 AGC 30 days	0.5 Amp. Made in USA	9.15 0.5 0.23	8.68 8.59 8.45
26140 100 PACK	Bussman 1 AGC 30 days	1 Amp. Made in USA	9.15 0.5 0.23	8.68 8.59 8.45
64533 100 PACK	Bussman 2 AGC 30 days	2 Amp. Made in USA	9.15 0.5 0.23	8.68 8.59 8.45
12926 100 PACK	Bussman 3 AGC 30 days	3 Amp. Made in USA	9.15 0.5 0.23	8.68 8.59 8.45
51319 100 PACK	Bussman 5 AGC 30 days	5 Amp. Made in USA	9.15 0.5 0.23	8.68 8.59 8.45
89712 100 PACK	Bussman 7.5AMP 30 days	7.5 Amp Made in USA	9.15 0.43 0.2	8.68 8.59 8.45
76498 100 PACK	Bussman 10 AGC 30 days	10 amp. Made in USA	9.15 0.5 0.23	8.68 8.59 8.45
24891 100 PACK	Bussman 15 AGC 30 days	15 amp. Made in USA	9.15 0.5 0.23	8.68 8.59 8.45

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ntinuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
63284 0 PACK	Bussman 20 AGC 30 days	20 amp. Made in USA	9.15 0.45 0.2	8.68 8.59 8.45
11677 0 PACK	Bussman 25 AGC 30 days	25 amp. Made in USA	9.15 0.5 0.23	8.68 8.59 8.45
50070 0 PACK	Bussman 30 AGC 30 days	30 amp. Made in USA	9.15 0.5 0.23	8.68 8.59 8.45
32892 0 PACK	Bussman 35 AGC 30 days	35 amp. Made in USA	9.15 0.5 0.23	8.68 8.59 8.45

Fuse Puller

66197

Plastic handled hinged fuse puller for most glass and blade-type fuses. Gives you an extra measure of safety and prevents damage to the fuse.

rt No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
6197 EACH	Wireless Solutions L55200 1 Year	Fuse puller for glass and blade fuses.	2.30 0.5 0.23	1.61 1.59 1.56

GC Fuses

11008 87794 22973

GC glass fuse, 1 1/4" long.

inuing product table (1 of 2)

rt No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
4222 PACK	Wireless Solutions 24222 30 days	1 Amp. Imported.	0.85 0.02 0.01	0.81 0.80 0.79
5603 PACK	Wireless Solutions 24222 30 days	1 Amp. Imported.	6.00 0.46 0.21	5.70 5.64 5.55
2389 PACK	Wireless Solutions 62615 30 days	2 Amp. Imported.	6.00 0.5 0.23	5.70 5.64 5.55
2615 ACK	Wireless Solutions 62615 30 days	2 Amp. Imported.	0.85 0.02 0.01	0.81 0.80 0.79
1008 ACK	Wireless Solutions 11008 30 days	3 Amp. Imported.	0.85 0.02 0.01	0.81 0.80 0.79
7782 PACK	Wireless Solutions 11008 30 days	3 Amp. Imported.	6.00 0.5 0.23	5.70 5.64 5.55
9401 ACK	Wireless Solutions 49401 30 days	4 Amp. Imported.	0.85 0.02 0.01	0.81 0.80 0.79
9175 PACK	Wireless Solutions 49401 30 days	4 Amp. Imported.	6.00 0.5 0.23	5.70 5.64 5.55
7568 PACK	Wireless Solutions 87794 30 days	5 Amp. Imported.	6.00 0.5 0.23	5.70 5.64 5.55
7794 ACK	Wireless Solutions 87794 30 days	5 Amp. Imported.	0.85 0.02 0.01	0.81 0.80 0.79
100 PACK	Wireless Solutions 6 AGC 30 days	6 Amp. Made in USA	8.30 0.5 0.23	7.89 7.81 7.68
354 PACK	Wireless Solutions 36187 30 days	7.5 Amp. Imported.	6.00 0.5 0.23	5.70 5.64 5.55
187 ACK	Wireless Solutions 36187 30 days	7.5 amp Imported.	0.85 0.02 0.01	0.81 0.80 0.79
747 PACK	Wireless Solutions 74580 30 days	8 Amp. Imported.	6.00 0.5 0.23	5.70 5.64 5.55

Continuing product table (2 of 2)

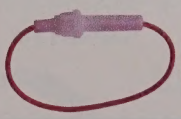
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
74580 5 PACK	Wireless Solutions 74580 30 days	8 Amp. Imported.	0.85 0.02 0.01	0.81 0.80 0.79
10424 100 PACK	Wireless Solutions 22973 30 days	10 Amp. Imported.	6.00 0.5 0.23	5.70 5.64 5.55
22973 5 PACK	Wireless Solutions 22973 30 days	10 amp Imported.	0.85 0.02 0.01	0.81 0.80 0.79
61366 5 PACK	Wireless Solutions 61366 30 days	15 amp Imported.	0.85 0.02 0.01	0.81 0.80 0.79
87210 100 PACK	Wireless Solutions 61366 30 days	15 Amp. Imported.	6.00 0.5 0.23	5.70 5.64 5.55
73996 100 PACK	Wireless Solutions 99759 30 days	20 Amp. Imported.	6.00 0.5 0.23	5.70 5.64 5.55
99759 5 PACK	Wireless Solutions 99759 30 days	20 amp Imported.	0.85 0.02 0.01	0.81 0.80 0.79
54668 100 PACK	Wireless Solutions 93061 30 days	25 Amp. Imported.	6.00 0.52 0.24	5.70 5.64 5.55
93061 5 PACK	Wireless Solutions 93061 30 days	25 amp Imported.	0.85 0.02 0.01	0.81 0.80 0.79
48152 5 PACK	Wireless Solutions 48152 30 days	30 amp Imported.	0.85 0.02 0.01	0.81 0.80 0.79
63306 100 PACK	Wireless Solutions 48152 30 days	30 Amp. Imported.	6.00 0.5 0.23	5.70 5.64 5.55

AGC Fuse Taps

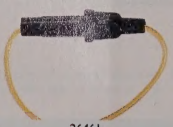
18049

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
18049 25 PACK	Termcon Incorporated RND BRASS 30 days	Round fuse tap. Brass portion only.	1.50 0.06 0.03	1.43 1.41 1.39
94179 100 PACK	Termcon Incorporated RND BRASS 30 days	Round fuse tap. Brass portion only.	11.00 0.25 0.11	8.97 8.80 8.66

AGC Nylon Bayonet Fuse Holders



45070



26461

AGC bayonet style fuse holders. Nylon with leads.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
45070 10 PACK	Wireless Solutions 45070 30 days	Wire Size 18, Quantity 10, Wire Length 16.5"	5.00 0.17 0.08	3.75 3.60 3.58
83463 100 PACK	Wireless Solutions 45070 30 days	Wire Size 18, Quantity 100, Wire Length 16.5"	50.00 1.67 0.76	34.50 33.50 33.00
26461 10 PACK	Bussman HHK 30 days	Wire Size 14, Quantity 10, Wire Length 8"	18.70 1 0.45	12.89 12.51 12.33

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AGC Bakelite Fuse Holders

19891

AGC screw-on fuse holder. Black "bakelite" with a continuous lead.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
19891 10 PACK	Wireless Solutions 19891 30 days	Wire Size: 12. Quantity : 10.	9.90 0.48 0.22	7.43 7.13 7.08
71498 100 PACK	Wireless Solutions 19891 30 days	Wire Size: 12. Quantity : 100	99.00 4.78 2.17	68.31 66.33 65.34
96677 10 PACK	Wireless Solutions 96677 30 days	Wire Size: 14. Quantity : 10.	8.40 0.39 0.18	6.30 6.05 6.01
58284 100 PACK	Wireless Solutions 96677 30 days	Wire Size: 14. Quantity : 100.	84.00 3.85 1.75	57.96 56.28 55.44

Waterproof Fuse Holder

51001

Waterproof high quality crimp type fuseholder for AGU fuses. Threaded coupling for tight seal. Black plastic. UL/CSA certified.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
51001 1 EACH	Bussman HEB-AA 30 days	Wire size #8-#12, rated 600V, 30A, For Fuses that measure 13/32" X 1 1/2".	13.20 0.04 0.02	12.80 12.67 12.60

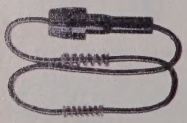
AGC Nylon Fuse Holder

95691

AGC fuseholder. Nylon. Without leads.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
95691 25 PACK	Wireless Solutions HHB/25 30 days	Wire Size: 12-18. Quantity : 25. Yellow	23.85 0.25 0.11	16.44 15.96 15.73
87907 100 PACK	Wireless Solutions HHB/100 30 days	Wire Size: 12-18. Quantity : 100	85.00 2 0.91	58.65 56.95 56.10

Adjustable In-Line Fuseholder



49920

Spring loaded to allow the use of different sized 1/4" fuses. Three springs included.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
49920 1 EACH	Bussman HRK 30 days	Allows 1/4" X 7/8 to 1 1/4" fuses	1.85 0.06 0.03	1.26 1.22 1.21

AGC Rubber Water Proof Fuse Holder

83762

Waterproof AGC fuse holder. Wire leads not provided.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
83762 5 PACK	Bussman HFB/ 5PK 30 days	Wire Size: 12-18. Quantity : 5.	18.00 1 0.45	12.42 12.06 11.88
97719 25 PACK	Bussman HFB/25PK 30 days	Wire Size: 12-18. Quantity : 25.	65.90 1 0.45	45.48 44.16 43.50

Fuse Puller

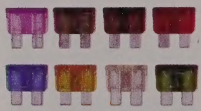
92392 40785

Fuse puller for use with fuses 9/32" to 1/2" diameter.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
92392 1 EACH	Ideal Industries 34-001 90 days	Fuse Puller, plastic	6.05 0.25 0.11	5.43 5.04 4.91
40785 1 EACH	Bussman FP-2		5.35 0.25 0.11	5.16 5.10 5.08

ATC Style Fuses, Taps, Holders [620-11]

80 PC ATC Blade Fuse Assortment



80 pc ATC Blade fuse assortment features 10 each 3, 5, 7.5, 10, 15, 20, 25, 30 amp fuses.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
60212 1 EACH	Wireless Solutions ATC FUSE KIT 30 days	80 pc ATC Blade Fuse kit. Poly Bagged.	12.60 0.5 0.23	9.18 8.93 8.68

120 Pc. ATC Blade Fuse Assortment

120 piece ATC blade fuse assortment features BUSS fuses in 3, 5, 7.5, 10, 15, 20, 30 amp fuses, Thru hole taps and around leg taps, Blue and Red lug

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
26720 1 EACH	Wireless Solutions ATC-KIT 30 days	120 pc ATC Fuse Kit with fuses and two styles of taps.	24.65 0.8 0.36	17.98 17.48 16.99

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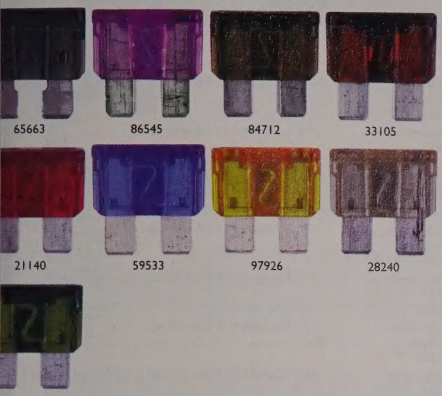
TC Fuses



65663 86545 84712 33105

21140 59533 97926 28240

46903

nuing product table (1 of 2)

t No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
663 PACK	Wireless Solutions 65663 30 days	1 Amp. 10 pack	1.50 1 0.45	1.43 1.41 1.39
439 PACK	Wireless Solutions 84439 30 days	1 Amp. 100 pack	15.00 0.42 0.19	14.25 14.10 13.88
948 PACK	Wireless Solutions 63948 30 days	2 Amp. 100 pack	15.25 0.42 0.19	14.49 14.34 14.11
319 PACK	Wireless Solutions 86545 30 days	3 Amp. 100 pack	15.25 0.44 0.2	14.49 14.34 14.11
545 ACK	Wireless Solutions 86545 30 days	3 Amp. 10 pack	1.60 0.04 0.02	1.56 1.54 1.52
938 ACK	Wireless Solutions 34938 30 days	5 Amp. 10 pack	1.60 0.04 0.02	1.56 1.54 1.52
712 PACK	Wireless Solutions 34938 30 days	5 Amp. 100 pack	15.25 0.42 0.19	14.49 14.34 14.11
105 PACK	Wireless Solutions 73331 30 days	7.5 Amp. 100 pack	15.25 0.41 0.19	14.49 14.34 14.11
331 ACK	Wireless Solutions 73331 30 days	7.5 Amp 10 pack	1.60 0.04 0.02	1.56 1.54 1.52
140 PACK	Wireless Solutions 21724 30 days	10 Amp. 100 pack	15.25 0.41 0.19	14.49 14.34 14.11
724 ACK	Wireless Solutions 21724 30 days	10 Amp 10 pack	1.60 0.04 0.02	1.56 1.54 1.52
533 PACK	Wireless Solutions 60117 30 days	15 Amp. 100 pack	15.25 0.42 0.19	14.49 14.34 14.11
117 ACK	Wireless Solutions 60117 30 days	15 Amp 10 pack	1.60 0.04 0.02	1.56 1.54 1.52
926 PACK	Wireless Solutions 98510 30 days	20 Amp. 100 pack	15.25 0.41 0.19	14.49 14.34 14.11
510 ACK	Wireless Solutions 98510 30 days	20 Amp 10 Pack	1.60 0.08 0.04	1.56 1.54 1.52
240 PACK	Wireless Solutions 66633 30 days	25 Amp. 100 pack	15.25 0.41 0.19	14.49 14.34 14.11
633 ACK	Wireless Solutions 66633 30 days	25 Amp 10 pack	1.60 0.04 0.02	1.56 1.54 1.52
903 ACK	Wireless Solutions 46903 30 days	30 Amp 10 Pack	1.60 0.04 0.02	1.56 1.54 1.52
092 PACK	Wireless Solutions 46903 30 days	30 Amp. 100 pack	15.25 0.5 0.23	14.49 14.34 14.11

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
91933 100 PACK	Wireless Solutions 91933 30 days	40 Amp. 100 pack	19.80 0.7 0.32	18.79 18.59 18.29

ATC Fuse Taps

55193

One leg of fuse slides through the tap. Order quick slide conn separately. Male end of brass .250"

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
55193 25 PACK	Wireless Solutions 55193 30 days	ATC fuse tap. Brass portion only. 25 pieces.	1.25 0.04 0.02	1.02 1.00 0.99
30108 500 PACK	Wireless Solutions 55193 30 days	ATC fuse tap. Brass portion only. 500 pieces.	25.00 1 0.45	20.38 20.00 19.68

ATC Fuse Tap Kits

19392 53872 57785

Includes both the brass tap and the insulated female quick slide conn. Male end of brass is .250"

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
52623 10 PACK	Wireless Solutions 52623 30 days	Wire Size: 16-14. Quantity : 10. Color : Blue.	5.50 0.41 0.19	4.49 4.40 4.33
19392 100 PACK	Wireless Solutions 52623 30 days	Wire Size: 16-14. Quantity : 100. Color : Blue.	28.00 0.41 0.19	22.82 22.40 22.04
53872 10 PACK	Wireless Solutions 53872 30 days	Wire Size: 22-18. Quantity : 10. Color: Red	5.00 0.41 0.19	4.08 4.00 3.94
70999 100 PACK	Wireless Solutions 53872 30 days	Wire Size: 22-18. Quantity : 100. Color: Red	28.00 0.41 0.19	22.82 22.40 22.04
63339 10 PACK	Wireless Solutions 63339 30 days	Wire Size: 12-10. Quantity : 10. Color :Yellow.	5.00 0.04 0.02	4.08 4.00 3.94
57785 100 PACK	Wireless Solutions 63339 30 days	Wire Size: 12-10. Quantity : 100. Color :Yellow.	28.00 0.41 0.19	22.82 22.40 22.04

ATC Fuse Taps

67158

Tap hooks on to leg of the fuse. Order quick slide connector separately. Male end of brass is .250"

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
67158 25 PACK	Termcon Incorporated FUSTPR BRASS 30 days	ATC fuse tap. Brass portion only. 25 pieces.	1.25 0.04 0.02	1.19 1.17 1.16
28765 100 PACK	Termcon Incorporated FUSTPR BRASS 30 days	ATC fuse tap. Brass portion only. 100 pieces.	5.00 0.15 0.07	4.75 4.68 4.63
36928 500 PACK	Termcon Incorporated FUSTPR BRASS 30 days	ATC fuse tap. Brass portion only. 500 pieces.	25.00 0.77 0.35	20.38 20.00 19.68

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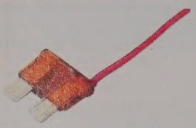
Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
68924 1000 PACK	Termcon Incorporated FUSTPR BRASS 30 days	ATC fuse tap. Brass portion only. 1000 pieces.	89.90 1.6 0.73	73.26 71.91 70.74

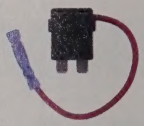
ATC Pigtail Fuses



ATC fuses plug directly into a the fuse block. Will not interfere with OEM fuse box covers.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
48142 12 PACK	Accele Electronics 5705PT	5 amp pigtail ATC fuse	14.35 0.1 0.05	9.01 8.95 8.93
48146 12 PACK	Accele Electronics 5775PT	7.5 amp pigtail ATC fuse	14.35 0.18 0.08	9.01 8.95 8.93
48155 12 PACK	Accele Electronics 5710PT	10 amp pigtail ATC fuse	14.35 0.18 0.08	9.01 8.95 8.93
48159 12 PACK	Accele Electronics 5715PT	15 amp pigtail ATC fuse, 7" pigtail	14.35 0.1 0.05	9.01 8.95 8.93
48166 12 PACK	Accele Electronics 5720PT	20 amp pigtail ATC fuse	14.35 0.1 0.05	9.01 8.95 8.93
48176 12 PACK	Accele Electronics 5725PT	25 amp pigtail ATC fuse	14.35 0.18 0.08	9.01 8.95 8.93
48193 12 PACK	Accele Electronics 5730PT	30 amp pigtail ATC fuse	14.35 0.11 0.05	9.01 8.95 8.93

ATC Add-A-Circuit Fuse Tap System



ATC Fuse Plug solves the problem with tapping into some vehicle's fuse boxes. It plugs directly into the fuse box & replaces the additional fuse holder.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
13827 1 EACH	Wireless Solutions 13827 30 days	Black fuse plug with red wire lead. Single pk	7.25 0.05 0.02	6.89 6.75 6.38
72403 10 PACK	Wireless Solutions 13827 30 days	Black fuse plug with red wire lead. 10pk	58.50 0.5 0.23	55.58 54.41 51.48
30966 100 PACK	Wireless Solutions 13827 30 days	Black fuse plug with red wire lead. 100pk	526.50 5 2.27	500.18 489.65 463.32

ATC Rubber Fuse Holders with Cover

74321

55324

ATC fuseholder with cap.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 424164 1 EACH	Wireless Solutions BFH10AB 30 days	ATC Fuseholder, 10 GA with cap	1.15 0.07 0.03	1.07 1.05 0.99
55351 1 EACH	Accele Electronics 5062 30 days	ATC Fuseholder, 10 GA with cap	1.45 0.12 0.05	0.90 0.89 0.89

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
74321 10 PACK	Bussman HHF 30 days	3-20 Amp ATC fuse holders w/ 14 AWG yellow leads.	17.10 0.4 0.18	11.80 11.45 11.28
NEW 475150 1 EACH	Wireless Solutions BFH12AB 30 days	ATC Fuseholder, 12 GA with cap	1.10 0.07 0.03	1.01 0.99 0.94
55324 1 EACH	Accele Electronics 5060 30 days	ATC Fuseholder, 12 GA with cap	1.35 0.07 0.03	0.85 0.84 0.84
46644 10 PACK	Bussman HHG 30 days	3-30 Amp ATC fuse holders w/ 12 AWG yellow leads.	18.05 1 0.45	12.44 12.08 11.90
NEW 499189 1 EACH	Wireless Solutions BFH16AB 30 days	ATC Fuseholder, 16 GA with cap	0.90 0.07 0.03	0.86 0.84 0.80
55336 1 EACH	Accele Electronics 5061 30 days	ATC Fuseholder, 16 GA with cap	1.30 0.09 0.04	0.80 0.79 0.79
NEW 452167 1 EACH	Wireless Solutions BFH18AB 30 days	ATC Fuseholder, 18 GA with cap	0.85 0.07 0.03	0.78 0.77 0.73
55352 1 EACH	Accele Electronics 5063 30 days	ATC Fuseholder, 18 GA with cap	1.10 0.08 0.04	0.70 0.69 0.69

ATC Waterproof Rubber Fuse Holders

88463

ATC water-proof fuse holder. Has cap that encloses fuse within the holder. Black fuse enclosure with red wire.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
22719 25 PACK	Wireless Solutions 88463 30 days	Water-proof holder with 18 gauge wire loop. 25 pcs. Blk.	19.00 0.4 0.18	18.05 17.67 16.72
88463 10 PACK	Wireless Solutions 88463 30 days	Water-proof holder with 18 gauge wire loop. 10 pcs. Blk.	9.50 0.4 0.18	9.03 8.84 8.36
36856 10 PACK	Wireless Solutions 36856 30 days	Water-proof holder with 16 gauge wire loop. 10 pcs. Blk.	9.75 0.4 0.18	9.27 9.07 8.58
61112 25 PACK	Wireless Solutions 36856 30 days	Water-proof holder with 16 gauge wire loop. 25 pcs. Blk.	19.50 0.4 0.18	18.53 18.14 17.16
75249 10 PACK	Wireless Solutions 75249 30 days	Water-proof holder with 14 gauge wire loop. 10 pcs. Blk.	10.75 0.45 0.2	10.22 10.00 9.46
99505 25 PACK	Wireless Solutions 99505 30 days	Water-proof holder with 14 gauge wire loop. 25 pcs. Blk.	21.50 0.4 0.18	20.43 20.00 18.92
23642 10 PACK	Wireless Solutions 23642 30 days	Water-proof holder with 12 gauge wire loop. 10 pcs. Blk.	11.25 0.4 0.18	10.69 10.47 9.90
51434 25 PACK	Wireless Solutions 23642Y 30 days	Water-proof holder with 12 gauge wire loop. 25 pcs. Yellow, 9.5" pigtail	23.75 0.4 0.18	22.80 22.57 22.33
54631 25 PACK	Wireless Solutions 23642 30 days	Water-proof holder with 12 gauge wire loop. 25 pcs. Blk.	22.50 0.4 0.18	21.38 20.93 19.80
47898 25 PACK	Wireless Solutions 62035 30 days	Water-proof holder with 10 gauge wire loop. 25 pcs. Blk.	26.00 0.4 0.18	24.70 24.18 22.88
62035 10 PACK	Wireless Solutions 62035 30 days	Water-proof holder with 10 gauge wire loop. 10 pcs. Blk.	13.00 0.4 0.18	12.35 12.09 11.44

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TC Snap-On Fuse Holders

ATC self stripping fuseholder. No leads supplied. Snaps onto any wire like a splice connector.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
131 PACK	3M Products 972K 30 days	Fuse holder takes 18-14 gauge wire. 25 pack.	12.50 0.14 0.06	11.01 10.86 10.67
497 PACK	3M Products 972 30 days	Fuse holder takes 18-14 gauge wire. 100 pack	49.95 0.76 0.35	44.03 43.43 42.69
894 PACK	3M Products 972K 30 days	Fuse holder takes 18-14 gauge wire. 1000 pack.	526.20 5.6 2.55	464.08 457.76 449.87

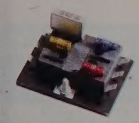
TC Fuse Tap Kits

92265 11732 92854

ludes both the brass tap and the insulated female quick slide conn. Male end of brass is .250"

t No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
068 PACK	Termcon Incorporated FUSTPR BL 30 days	Wire Size: 16-14. Quantity : 100. Color : Blue.	21.05 0.48 0.22	17.14 16.82 16.55
265 PACK	Termcon Incorporated FUSTPR BL 30 days	Wire Size: 16-14. Quantity : 10. Color : Blue.	6.10 0.05 0.02	4.98 4.88 4.81
732 ACK	Termcon Incorporated FUSTPR RD 30 days	Wire Size: 18-22. Quantity : 10. Color : Red.	6.10 0.04 0.02	4.98 4.88 4.81
461 PACK	Termcon Incorporated FUSTPR RD 30 days	Wire Size: 18-22. Quantity : 100. Color : Red.	21.05 0.41 0.19	17.14 16.82 16.55
125 ACK	Termcon Incorporated FUSTPR YW 30 days	Wire Size: 10-12. Quantity : 10. Color :Yellow.	6.10 0.05 0.02	4.98 4.88 4.81
854 PACK	Termcon Incorporated FUSTPR YW 30 days	Wire Size: 10-12. Quantity : 100. Color :Yellow.	27.40 0.54 0.25	22.30 21.89 21.54

TC Fuse Panels



Fuse panels make it simple to wire for multiple circuits with a single power input. Rated to 30 Amps. Side mounted quick disconnect terminals.

t No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
002 ACH	Bussman 15600-06-20 30 days	6 Position Panel	13.35 0.2 0.09	12.32 12.25 12.05

Mini-ATM and Maxi-ATC Fuses [620-12]

80 PC Mini-ATM Blade Fuse Kit

80pc Mini-ATM fuse assortment includes 10 each of: 3A, 5A, 7.5A, 10A, 15A, 20A, 25A, 30A Fuses. Poly bagged.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
86640 1 EACH	Wireless Solutions MINI-ATM USA	80 pc Mini ATM Blade Fuse kit. Poly Bagged.	31.00 0.5 0.23	22.61 21.99 21.37

110 Pc. Mini ATM Fuse Assortment

110 piece mini ATM fuse assortment features BUSS fuses in 3, 5, 7.5, 10, 15, 20, 30 AMP Fuses. Also includes red & blue size fuse taps in poly case.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
63466 1 EACH	Wireless Solutions ATM-KIT 30 days	110 pc ATM Fuse Kit	40.65 0.8 0.36	29.66 28.84 28.03

Mini ATM Fuses

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
15026 10 PACK	Bussman ATM2 30 days	2 Amp 10 Pack	3.90 0.06 0.03	3.75 3.71 3.69
53419 100 PACK	Bussman ATM2 30 days	2 Amp. 100 pack	38.25 0.9 0.41	26.21 25.63 25.06
11695 10 PACK	Bussman ATM3 30 days	3 Amp 10 Pack	3.90 0.06 0.03	3.75 3.71 3.69
49618 100 PACK	Bussman ATM3 30 days	3 Amp. 100 pack	38.25 0.9 0.41	26.21 25.63 25.06
40205 10 PACK	Bussman ATM4 30 days	4 Amp 10 Pack	3.90 0.06 0.03	3.75 3.71 3.69
91812 100 PACK	Bussman ATM4 30 days	4 Amp. 100 pack	38.25 0.9 0.41	26.21 25.63 25.06
36404 100 PACK	Bussman ATM5 30 days	5 Amp. 100 pack	38.25 0.9 0.41	26.21 25.63 25.06
88481 10 PACK	Bussman ATM5 30 days	5 Amp. 10 pack	3.90 0.06 0.03	3.75 3.71 3.69
36874 10 PACK	Bussman ATM75 30 days	7.5 Amp. 10 pack	3.90 0.06 0.03	3.75 3.71 3.69
74797 100 PACK	Bussman ATM75 30 days	7.5 Amp. 100 pack	38.25 0.9 0.41	26.21 25.63 25.06
23190 100 PACK	Bussman ATM10 30 days	10 Amp. 100 pack	38.25 0.9 0.41	26.21 25.63 25.06
76516 10 PACK	Bussman ATM10 30 days	10 Amp. 10 pack	3.90 0.6 0.27	3.75 3.71 3.69

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
24909 10 PACK	Bussman ATM15 30 days	15 Amp. 10 pack	3.90 0.06 0.03	3.75 3.71 3.69
61583 100 PACK	Bussman ATM15 30 days	15 Amp. 100 pack	38.25 0.9 0.41	26.21 25.63 25.06
63302 10 PACK	Bussman ATM20 30 days	20 Amp. 10 pack	3.90 0.06 0.03	3.75 3.71 3.69
99976 100 PACK	Bussman ATM20 30 days	20 Amp. 100 pack	38.25 0.9 0.41	26.21 25.63 25.06
26991 10 PACK	Bussman ATM25 30 days	25 Amp. 10 pack	3.90 0.06 0.03	3.75 3.71 3.69
78598 100 PACK	Bussman ATM25 30 days	25 Amp. 100 pack	38.25 0.9 0.41	26.21 25.63 25.06
48369 100 PACK	Bussman ATM30 30 days	30 Amp. 100 pack	38.25 5.92 2.69	26.21 25.63 25.06
50088 10 PACK	Bussman ATM30 30 days	30 Amp. 10 pack	3.90 0.06 0.03	3.75 3.71 3.69

Mini ATM fuseholders

Mini-ATM fuse holders with a cover provide protection in a compact size.

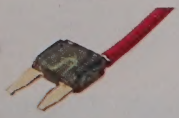
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
58391 10 PACK	Bussman HHL 30 days	Low Amp Mini-ATM fuseholder w/ 16AWGleads. Black.	15.50 0.4 0.18	10.68 10.37 10.21
10749 10 PACK	Bussman HHM 30 days	Heavy Duty Mini-ATM fuseholder w/ 12AWG Red leads.	17.25 1 0.45	11.90 11.56 11.38

Mini-ATM Add-A-Circuit Fuse Taps

ATM Fuse Plug solves the problem with tapping into some vehicle's fuse boxes. Plug directly into the fuse box and replace the need for a fuse holder.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
489006 1 EACH	Wireless Solutions 489006 USA	Black fuse plug with wire lead. Black with red wire. Single	7.25 0.05 0.02	6.89 6.75 6.38
469004 10 PACK	Wireless Solutions 469004 USA	Black fuse plug with wire lead. Black with red wire. 10 pk	58.50 0.5 0.23	55.58 54.41 51.48
456026 100 PACK	Wireless Solutions 456026 USA	Black fuse plug with wire lead. Black with red wire. 100 pk	526.50 5 2.27	500.18 489.65 463.32

Mini ATM Pigtail Fuses



Mini ATC fuses plug directly into a fuse block. Will not interfere with OEM fuse box covers.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
48042 12 PACK	Accele Electronics 5603PT	5 amp pigtail mini ATM fuse	15.30 0.18 0.08	9.62 9.55 9.52

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
48043 12 PACK	Accele Electronics 5604PT	7.5 amp pigtail mini ATM fuse	15.30 0.1 0.05	9.62 9.55 9.52
48055 12 PACK	Accele Electronics 5605PT	10 amp pigtail mini ATM fuse	15.30 0.18 0.08	9.62 9.55 9.52
48072 12 PACK	Accele Electronics 5606PT	15 amp pigtail mini ATM fuse	15.30 0.18 0.08	9.62 9.55 9.52
48079 12 PACK	Accele Electronics 5607PT	20 amp pigtail mini ATM fuse	15.30 0.18 0.08	9.62 9.55 9.52
48083 12 PACK	Accele Electronics 5608PT	25 amp pigtail mini ATM fuse	15.30 0.18 0.08	9.62 9.55 9.52
48133 12 PACK	Accele Electronics 5609PT	30 amp pigtail mini ATM fuse	15.30 0.12 0.05	9.62 9.55 9.52

Mini-ATM Fuse Tap Kits

Includes both the tap and the female insulated quick slide connector. Male end of brass is .187"

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
14302 25 PACK	Wireless Solutions 14302 30 days	Brass fuse tap part only. 25 pack.	2.50 0.1 0.05	2.04 2.00 1.97
45510 100 PACK	Wireless Solutions 14302 30 days	Brass fuse tap part only. 100 pack.	7.50 0.41 0.19	6.12 6.00 5.91
60934 500 PACK	Wireless Solutions 14302 30 days	Brass Fuse Tap Only: 500 pack	36.00 0.41 0.19	29.3 28.8 28.3
40658 10 PACK	Wireless Solutions 40658 30 days	Wire Size: 22-18. Quantity : 10 pack Color : Red.	5.50 0.04 0.02	4.49 4.40 4.33
79051 10 PACK	Wireless Solutions 79051 30 days	Wire Size: 16-14. Quantity : 10 pk, Color : Blue	5.50 0.04 0.02	4.49 4.40 4.33
26505 100 PACK	Wireless Solutions 79051 30 days	Wire Size: 16-14. Quantity : 100 packColor : Blue	28.60 0.41 0.19	23.2 22.8 22.4
64898 100 PACK	Wireless Solutions 40658 30 days	Wire Size: 22-18. Quantity : 100 pack Color : Red.	28.00 0.41 0.19	22.9 22.4 22.0

Mini-Tappers for ATM Fuse Blocks

Inc tap and female insulated quick slide. Pushes into ATM f block. Does not go around fuse leg. Male brass is .187"

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
44984 100 PACK	Wireless Solutions MINTAPPER 30 days	Wire Size: 16-14. Quantity : 100 pack BRASS ONLY .187"	10.00 0.41 0.19	8.15 8.00 7.8
58504 100 PACK	Wireless Solutions MINTAPPER 30 days	Wire Size: 16-14. Quantity : 100 pack Color : Blue	23.35 0.41 0.19	19.0 18.6 18.3
96897 100 PACK	Wireless Solutions MINTAPPER 30 days	Wire Size: 22-18. Quantity : 100 pack Color : Red	22.75 0.41 0.19	18.5 18.1 17.8

NEW = New Listing. Pricing for reference o
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Mini-ATM Fuse Tap

Mini ATM fuse taps. Male end of brass is .250"

rt No. y/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
0070 PACK	Wireless Solutions MINFTPR 30 days	Brass Fuse Tap Only, 100 pack	10.10 0.1 0.05	8.21 8.06 7.93
2035 PACK	Wireless Solutions REDMINFTAPR 30 days	Includes female dissconnects for 22-18 ga wire.	23.25 0.25 0.11	18.92 18.57 18.27
3642 PACK	Wireless Solutions BLUEMINFTPR 30 days	Wire size: 16-14 Blue ATM taps.	23.25 0.25 0.11	18.92 18.57 18.27
0428 PACK	Wireless Solutions YELMINFTTAPR 30 days	Wire size: 12-10 Yellow ATM fuse tap	27.40 1 0.45	22.30 21.89 21.54

Maxi-ATC Fuses

rt No. y/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
4721 PACK	Bussman MAX-ATC-20 30 days	20 Amp 10 Pack	17.30 0.06 0.03	16.75 16.57 16.49
3114 PACK	Bussman MAX-ATC-30 30 days	30 Amp 10 Pack	17.30 0.06 0.03	16.75 16.57 16.49
1507 PACK	Bussman MAX-ATC-40 30 days	40 Amp 10 Pack	17.45 0.06 0.03	16.93 16.76 16.67
9900 PACK	Bussman MAX-ATC-50 30 days	50 Amp 10 Pack	17.30 0.06 0.03	16.75 16.57 16.49
8293 PACK	Bussman MAX-ATC-60 30 days	60 Amp 10 Pack	17.45 0.06 0.03	16.93 16.76 16.67

Maxi-ATC Fuse Holders

Fuse holders for maxi-ATC fuses.

rt No. y/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
4115 PACK	Wireless Solutions 95722 30 days	Wire Size: 8ga 10 pack.	45.20 0.06 0.03	43.85 43.40 43.17
5722 EACH	Wireless Solutions 95722 30 days	Wire Size: 8ga	4.55 0.06 0.03	4.39 4.34 4.32
8426 EACH	Bussman HHX 30 days	Wire Size: 6ga HEAVY DUTY, Red Leads, 1 Each	9.70 0.31 0.14	9.19 9.09 8.95

AGU Style Fuses [620-13]

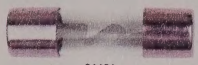
Gold Plated AGU Fuses

30611

AGU glass fuse, 1-1/2" long, 13/32" diameter. Plated with 24K Gold.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
43825 5 PACK	Wireless Solutions 10 AGUG 30 days	10 Amp	3.15 0.2 0.09	3.00 2.97 2.92
82218 5 PACK	Wireless Solutions 20 AGUG 30 days	20 Amp	3.15 0.2 0.09	3.00 2.97 2.92
30611 5 PACK	Wireless Solutions 30 AGUG 30 days	30 Amp	3.15 0.2 0.09	3.00 2.97 2.92
69004 5 PACK	Wireless Solutions 40 AGUG 30 days	40 Amp	3.15 0.2 0.09	3.00 2.97 2.92
17397 5 PACK	Wireless Solutions 50 AGUG 30 days	50 Amp	3.15 0.2 0.09	3.00 2.97 2.92
55790 5 PACK	Wireless Solutions 60 AGUG 30 days	60 Amp	3.15 0.2 0.09	3.00 2.97 2.92

AGU Fuses



96681

AGU glass fuse, 1-1/2" long, 13/32" diameter. Made by Littlefuse.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 86015 5 PACK	Wireless Solutions 15 AGU 30 days	15 Amp AGU fuse	3.20 1 0.45	3.04 3.01 2.96
96681 5 PACK	Wireless Solutions 20 AGU 30 days	20 Amp	2.70 0.2 0.09	2.56 2.53 2.49
83467 5 PACK	Wireless Solutions 30 AGU 30 days	30 Amp	2.70 0.2 0.09	2.56 2.53 2.49
18662 5 PACK	Wireless Solutions 35 AGU 30 days	35 Amp	2.70 1 0.45	2.56 2.53 2.49
70253 5 PACK	Wireless Solutions 40 AGU 30 days	40 Amp	2.70 0.2 0.09	2.56 2.53 2.49
18646 5 PACK	Wireless Solutions 50 AGU 30 days	50 Amp	2.70 0.2 0.09	2.56 2.53 2.49
57039 5 PACK	Wireless Solutions 60 AGU 30 days	60 Amp	2.70 0.2 0.09	2.56 2.53 2.49

Gold Plated AGU Fuse Holders

42036

24K Gold plated AGU fuse holder is waterproof and accepts 8ga to 4ga leads without crimping. 60 Ampere maximum rating.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
42036 1 EACH	Wirthco Engineering, Inc. 30105-7 30 days	AGU Fuseholder-Gold	7.75 0.43 0.2	4.86 4.75 4.71

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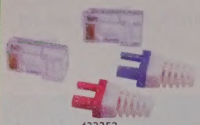
Modular Telephone Connectors [620-14]

EZ-RJ45 Connectors



433352

Wireless Supplies EZ-RJ45 Connectors. Simplify twisted pair termination; wire passes thru front of connector.EZ to verify sequence for CAT 3,5,5e,6. FCC&UL comp

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 433352 50 PACK	Wireless Solutions 100-003 Lifetime	EZ-RJ45 Connectors FCC&UL comp	33.95 0.03 0.01	30.85 28.27 26.10

Terminal Kits [620-15]

If you are buying these, you may need:

Crimp Caps ..... page 1724
Bullet Connectors ..... page 1724
Male Quick Slide Connectors ..... page 1724
Female Quick Slide Connectors ..... page 1725

Terminal Assortment

46146

3M Insulated Terminal Kit. Contains an assortment of terminals, cable ties, and wire markers. Has a crimping tool and reorder card.Metal box w/ cmprtmnts.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
46146 1 EACH	3M Products STK-1-REDTERM-BOX 30 days	3M Terminal Kit includes crimp tool, cable ties, wire marker dispenser, assorted terminals, case.	131.75 6.78 3.08	120.14 119.88 119.35

Crimp Caps [620-16]

Nylon Crimp Caps

12727

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size (wire gauge) Color	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
10428 1000 PACK	Wireless Solutions 64334 30 days	22-14	Clear Nylon crimp cap.	29.85 3.3 1.5	28.35 27.76 26.26
64334 100 PACK	Wireless Solutions 64334 30 days	22-14	Clear Nylon crimp cap.	3.10 0.33 0.15	2.95 2.89 2.73
12727 100 PACK	Wireless Solutions 12727 30 days	12-10	Clear Nylon crimp cap.	3.80 0.33 0.15	3.58 3.50 3.31

Bullet Connectors [620-17]

Female Bullet Connectors

41848

17918

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size (wire gauge) Color	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
39155 100 PACK	Wireless Solutions 39155 30 days	22-18 red	Vinyl female bullet conn.	4.60 0.33 0.15	4.3 4.2 4.0
41848 100 PACK	Wireless Solutions 41848 30 days	22-18 red	Nylon female bullet conn.	9.75 0.33 0.15	7.7 7.6 7.5
17918 100 PACK	Wireless Solutions 17918 30 days	16-14 blue	Nylon female bullet conn.	9.75 0.33 0.15	7.7 7.6 7.5
90762 100 PACK	Wireless Solutions 90762 30 days	16-14 blue	Vinyl female bullet conn.	4.60 0.33 0.15	4.3 4.2 4.0

Male Bullet Connectors

25941

77548

48731

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size (wire gauge) Color	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
25941 100 PACK	Wireless Solutions 25941 30 days	22-18 red	Vinyl male bullet connectors	5.85 0.33 0.15	4.6 4.6 4.5
80241 100 PACK	Wireless Solutions 80241 30 days	22-18 red	Nylon male bullet connectors	9.40 0.33 0.15	7.5 7.4 7.3
56311 100 PACK	Wireless Solutions 56311 30 days	16-14 blue	Nylon male bullet connectors	9.40 0.33 0.15	7.5 7.4 7.3
77548 100 PACK	Wireless Solutions 77548 30 days	16-14 blue	Vinyl male bullet connectors	5.85 0.33 0.15	4.6 4.6 4.5
48045 100 PACK	Wireless Solutions 48045 30 days	16-14 blue	Nylon male bullet / .180" connectors	8.80 0.33 0.15	7.0 6.9 6.8
48731 100 PACK	Wireless Solutions 48731 30 days	12-10 yellow	Vinyl male bullet connectors	7.45 0.33 0.15	7.1 7.0 7.0

Male Quick Slide Connectors [620-18]

Male Quick Slides .110 Tab

15305

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size (wire gauge) Color	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
15305 100 PACK	Wireless Solutions BQDM110 30 days	16-14 blue	Vinyl Insul. .110 tab Butted seam	11.50 0.5 0.23	9.20 9.09 8.97

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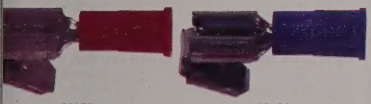
Male Quick Slide Connectors

37906 89513 72023

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size (wire gauge) Color	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1271 PACK	3M Products MTV18-250C 30 days	22-18 red	Vinyl Insul. .250 tab Butted seam	11.65 0.09 0.04	10.28 10.14 9.97
7906 PACK	Wireless Solutions 37906 30 days	22-18 red	Vinyl Isul. .250 tab Butted seam	4.00 0.16 0.07	3.20 3.16 3.12
8415 PACK	3M Products MNG18-250DMX 30 days	22-18 red	Nylon insul. .250 tab Insulation grip	47.05 0.27 0.12	41.49 40.93 40.22
6995 PACK	Wireless Solutions 66995 30 days	22-18 red	Nylon insul. .250 tab Insulation grip	8.70 0.27 0.12	7.64 7.54 7.41
8276 PACK	Wireless Solutions 37906 30 days	22-18 red	Vinyl Isul. .250 tab Butted seam	25.00 1.64 0.75	24.00 23.75 23.50
3205 PACK	3M Products MTV14-250L 30 days	16-14 blue	Vinyl Insul. .250 tab Butted seam	6.60 1 0.45	5.81 5.73 5.63
3781 PACK	Wireless Solutions 53781 30 days	16-14 blue	Nylon insul. .250 tab Butted seam	8.70 0.3 0.14	7.64 7.54 7.41
9696 PACK	3M Products 72M-250-32-NB 30 days	16-14 blue	Nylon insul. .250 tab Butted seam	12.90 0.31 0.14	11.38 11.23 11.03
9513 PACK	Wireless Solutions 89513 30 days	16-14 blue	Vinyl Insul. .250 tab Butted seam	4.00 0.18 0.08	3.20 3.16 3.12
5953 PACK	Wireless Solutions 89513 30 days	16-14 blue	Vinyl Insul. .250 tab Butted seam	25.00 1.86 0.85	24.00 23.75 23.50
2695 PACK	3M Products MTV10-250L 30 days	12-10 yellow	Vinyl Insul. .250 tab Butted seam	8.05 0.08 0.04	7.10 7.01 6.89
1120 PACK	Wireless Solutions 51120 30 days	12-10 yellow	Vinyl Insul. .250 tab Butted seam	4.80 0.19 0.09	3.83 3.78 3.73
2023 PACK	Wireless Solutions 51120 30 days	12-10 yellow	Vinyl Insul. .250 tab Butted seam	28.00 1.97 0.9	26.88 26.60 26.32

Female Quick Slide Connectors [620-19]

.250 Piggy Back Terminals



52079 13686

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size (wire gauge) Color	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
2079 PACK	Wireless Solutions 52079 30 days	22-18 red	Vinyl insul. .250 tab	10.45 0.2 0.09	8.36 8.25 8.15
3686 PACK	Wireless Solutions 13686 30 days	16-14 blue	Vinyl insul. .250 tab	10.45 0.2 0.09	8.36 8.25 8.15

.250 Tab Female Disconnects

29883 24692 33630

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size (wire gauge) Color	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
10022 100 PACK	3M Products MNG18-250DFX 30 days	22-18 red	Nylon insul. .250 tab Insulation grip	40.45 0.27 0.12	35.68 35.20 34.59
29883 1000 PACK	Wireless Solutions 63085 30 days	22-18 red	Vinyl insul. .250 tab Butted seam	25.00 2.03 0.92	24.00 23.75 23.50
62878 100 PACK	3M Products FDV18-250C 30 days	22-18 red	Vinyl insul. .250 tab Butted seam	12.45 0.27 0.12	10.96 10.81 10.62
63085 100 PACK	Wireless Solutions 63085 30 days	22-18 red	Vinyl insul. .250 tab Butted seam	4.45 0.2 0.09	3.54 3.50 3.45
92174 100 PACK	Wireless Solutions 92174 30 days	22-18 red	Nylon insul. .250 tab Insulation grip	8.70 0.27 0.12	7.64 7.54 7.41
12520 100 PACK	3M Products MNG14-250DFX 30 days	16-14 blue	Nylon insul. .250 tab Insulation grip	16.35 0.27 0.12	14.42 14.22 13.98
24692 100 PACK	Wireless Solutions 24692 30 days	16-14 blue	Vinyl insul. .250 tab Butted seam	4.55 0.2 0.09	3.62 3.58 3.53
40567 100 PACK	Wireless Solutions 40567 30 days	16-14 blue	Nylon insul. .250 tab Insulation grip	8.70 0.27 0.12	7.64 7.54 7.41
57560 1000 PACK	Wireless Solutions 24692 30 days	16-14 blue	Vinyl insul. .250 tab Butted seam	35.40 2.02 0.92	33.63 32.93 31.16
91804 100 PACK	3M Products FDV14-250C 30 days	16-14 blue	Vinyl insul. .250 tab Butted seam	12.45 0.27 0.12	10.96 10.81 10.62
33630 1000 PACK	Wireless Solutions 76299 30 days	12-10 yellow	Vinyl insul. .250 tab Butted seam	28.00 3.03 1.38	26.88 26.60 26.32
76299 100 PACK	Wireless Solutions 76299 30 days	12-10 yellow	Vinyl insul. .250 tab Butted seam	5.00 0.3 0.14	3.98 3.93 3.88
78960 100 PACK	Wireless Solutions 78960 30 days	12-10 yellow	Nylon insul. .250 tab Insulation grip	9.45 0.27 0.12	8.34 8.23 8.08
94302 50 PACK	3M Products FDV10-250L 30 days	12-10 yellow	Vinyl insul. .250 tab Butted seam	8.05 0.08 0.04	7.10 7.01 6.89

.205 Tab Female Disconnects

83268 44875

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size (wire gauge) Color	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
83268 100 PACK	Wireless Solutions 83268 30 days	22-18 red	Vinyl insul. .205 tab Butted seam	4.45 0.2 0.09	3.54 3.50 3.45
44875 100 PACK	Wireless Solutions 44875 30 days	16-14 blue	Vinyl insul. .205 tab Butted seam	4.45 0.2 0.09	3.55 3.50 3.46

.187 Tab Female Disconnects

96482

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size (wire gauge) Color	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
96482 100 PACK	Wireless Solutions 71F-187-20 30 days	22-18 red	Vinyl insul. .187 tab Butted seam	4.45 0.2 0.09	3.54 3.50 3.45

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size (wire gauge) Color	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
58089 100 PACK	Wireless Solutions 58089 30 days	16-14 blue	Vinyl insul. .187 tab Butted seam	4.45 0.2 0.09	3.55 3.50 3.46

.110 Tab Female Disconnects

19696 71303

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size (wire gauge) Color	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
19696 100 PACK	Wireless Solutions 19696 30 days	22-18 red	Vinyl insul. .110 tab Butted seam	3.95 0.2 0.09	3.16 3.13 3.09
71303 100 PACK	Wireless Solutions 71303 30 days	16-14 blue	Vinyl insul. .110 tab Butted seam	3.95 0.2 0.09	3.09 3.01 2.95

Ring Terminals [620-20]

#8 Stud Ring Terminals

Items in the table are sorted by stud size, then by wire guage.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size (wire gauge) Insulation Color	Insulation Description	Stud Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
31661 100 PACK	Wireless Solutions 31661 30 days	22-18 red	Vinyl butted seam	#8	5.70 0.24 0.11	4.53 4.48 4.42
36450 100 PACK	3M Products MNG18-8R/LX 30 days	22-18 red	Nylon insulation grip	#8	41.95 0.21 0.1	36.99 36.48 35.85
74843 100 PACK	3M Products RV18-8C 30 days	22-18 red	Vinyl butted seam	#8	11.65 0.21 0.1	10.28 10.14 9.97
11478 100 PACK	Wireless Solutions 11478 30 days	16-14 blue	Vinyl butted seam	#8	5.70 0.24 0.11	4.53 4.48 4.42
38948 100 PACK	3M Products MNG14-8R/LX 30 days	16-14 blue	Nylon insulation grip	#8	41.95 0.21 0.1	36.99 36.48 35.85
44422 500 PACK	Wireless Solutions 11478 30 days	16-14 blue	Vinyl butted seam	#8	17.75 1.25 0.57	17.04 16.87 16.69
70774 1000 PACK	Wireless Solutions 11478 30 days	16-14 blue	Vinyl butted seam	#8	35.60 2.41 1.1	34.15 33.80 33.44
77341 100 PACK	3M Products RV14-8C 30 days	16-14 blue	Vinyl butted seam	#8	11.65 0.23 0.1	10.28 10.14 9.97

#10 Stud Ring Terminals

Items in the table are sorted by stud size, then wire guage

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size (wire gauge) Insulation Color	Insulation Description	Stud Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
24485 100 PACK	3M Products RV18-10C 30 days	22-18 red	Vinyl brazed seam	#10	11.65 0.26 0.12	10.28 10.14 9.97
36657 1000 PACK	Wireless Solutions 75050 30 days	22-18 red	Vinyl butted seam	#10	35.60 1.95 0.89	27.75 27.04 26.50
43097 1000 PACK	Wireless Solutions L-11-10-P 30 days	22-18 red	Vinyl butted seam	#10	37.35 1.95 0.89	35.84 35.47 35.09
75050 100 PACK	Wireless Solutions 75050 30 days	22-18 red	Vinyl butted seam	#10	3.60 0.19 0.09	2.78 2.71 2.66

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size (wire gauge) Insulation Color	Insulation Description	Stud Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
76092 100 PACK	3M Products MNG18-10R/LX 30 days	22-18 red	Vinyl insulation grip	#10	41.95 0.28 0.13	36.99 36.48 35.85
82234 100 PACK	3M Products M18-10R/LX 30 days	22-18 No insulat	none brazed seam	#10	50.20 1 0.45	44.26 43.66 42.91
82815 500 PACK	Wireless Solutions 75050 30 days	22-18 red	Vinyl butted seam	#10	17.75 1 0.45	16.87 16.51 15.62
23443 100 PACK	Wireless Solutions 23443 30 days	16-14 blue	Vinyl butted seam	#10	5.70 0.23 0.1	4.53 4.48 4.42
28232 100 PACK	3M Products RV14-10C 30 days	16-14 blue	Vinyl butted seam	#10	11.65 0.28 0.13	10.28 10.14 9.97
31208 500 PACK	Wireless Solutions 23443 30 days	16-14 blue	Vinyl butted seam	#10	17.75 1.25 0.57	16.87 16.51 15.62
33761 1000 PACK	3M Products MNG14-10RLK 30 days	16-14 blue	Nylon insulation grip	#10	183.40 2.7 1.23	161.73 159.52 156.78
79839 100 PACK	3M Products MV14-10R/LX 30 days	16-14 blue	Vinyl brazed seam	#10	28.80 0.28 0.13	25.39 25.04 24.61
83988 1000 PACK	Wireless Solutions 23443 30 days	16-14 blue	Vinyl butted seam	#10	35.60 2.35 1.07	33.80 33.08 31.31
93053 100 PACK	3M Products MNG14-10RLX 30 days	16-14 blue	Nylon insulation grip	#10	40.15 0.21 0.1	35.41 34.93 34.32
30730 50 PACK	3M Products MVU10-10RX 30 days	12-10 yellow	Vinyl butted seam	#10	7.55 0.4 0.18	6.65 6.56 6.45
31303 100 PACK	3M Products 13-10-P 30 days	12-10 yellow	Vinyl butted seam	#10	14.60 0.57 0.26	12.88 12.71 12.49
49871 1000 PACK	Wireless Solutions 88264 30 days	12-10 yellow	Vinyl butted seam	#10	44.15 5.7 2.59	41.95 41.06 38.86
60058 1000 PACK	Wireless Solutions 60058 30 days	12-10 yellow	Vinyl butted seam	#10	44.15 5.7 2.59	42.39 41.95 41.51
88264 100 PACK	Wireless Solutions 88264 30 days	12-10 yellow	Vinyl butted seam	#10	7.05 0.57 0.26	5.62 5.55 5.48
21987 200 PACK	3M Products MN8-10R/SK 30 days	8 red	Nylon brazed seam	#10	65.60 1 0.45	57.86 57.08 56.09
60380 25 PACK	3M Products MN8-10R/SX 30 days	8 red	Nylon brazed seam	#10	7.35 0.2 0.09	6.49 6.40 6.29
77106 200 PACK	3M Products M6-10R/SK 30 days	6	none brazed seam	#10	78.00 1 0.45	68.78 67.85 66.68

1/4" Ring Terminals

Items in the table are sorted by stud size, then wire gauge.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size (wire gauge) Insulation Color	Insulation Description	Stud Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
14139 100 PACK	Wireless Solutions 14139 30 days	22-18 red	Vinyl butted seam	1/4"	4.25 0.04 0.02	3.40 3.35 3.31
10229 100 PACK	Wireless Solutions 10229 30 days	16-14 blue	Vinyl butted seam	1/4"	4.85 0.31 0.14	3.88 3.84 3.79
15018 100 PACK	3M Products RV14-14C 30 days	16-14 blue	Vinyl butted seam	1/4"	15.50 0.04 0.02	13.67 13.48 13.25
15651 1000 PACK	3M Products HT-12-14 30 days	16-14	Non-insulated butted seam	1/4"	38.55 0.57 0.26	33.99 33.53 32.95
32381 1000 PACK	Wireless Solutions 10229 30 days	16-14 blue	Vinyl butted seam	1/4"	38.00 3.14 1.43	36.10 35.34 33.44
54044 100 PACK	3M Products HT-12-14 30 days	16-14 blue	Hi-Temp butted seam	1/4"	3.90 1 0.45	3.42 3.37 3.31

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nuing product table (2 of 2)

t No. /Uom	Manufacturer Mfg. P/N Warranty	Size (wire gauge) Insulation Color	Insulation Description	Stud Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
625 PACK	3M Products MH14-14R/SK 30 days	16-14 blue	Heat shrink water resistant	1/4"	136.35 0.75 0.34	120.27 118.63 116.58
601 PACK	Wireless Solutions 10229 30 days	16-14 blue	Vinyl butted seam	1/4"	19.00 1.5 0.68	18.05 17.67 16.72
909 ACK	3M Products RV10-14L 30 days	12-10 yellow	Vinyl butted seam	1/4"	9.55 0.3 0.14	8.43 8.31 8.17
836 PACK	Wireless Solutions 61836 30 days	12-10 yellow	Vinyl butted seam	1/4"	8.75 0.57 0.26	6.97 6.89 6.80
451 PACK	Wireless Solutions 61836 30 days	12-10 yellow	Vinyl butted seam	1/4"	54.75 5.71 2.6	52.01 50.91 48.18
166 ACK	3M Products MN8-14R/SK 30 days	8 red	Nylon brazed seam	1/4"	11.95 0.1 0.05	10.54 10.40 10.22
416 PACK	3M Products 15-14S-W 30 days	6 none	Non-insulated	1/4"	142.05 10 4.54	125.27 123.57 121.44
202 PACK	3M Products 15-14S-W 30 days	6 none	Non-insulated	1/4"	14.20 0.4 0.18	12.53 12.36 12.15

16" Ring Terminals

Items in the table are sorted by stud size, then wire guage

No. Uom	Manufacturer Mfg. P/N Warranty	Size (wire gauge) Insulation Color	Insulation Description	Stud Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
769 PACK	Wireless Solutions 35408 30 days	16-14 blue	Vinyl butted seam	5/16"	54.75 3.3 1.5	52.55 52.01 51.46
408 ACK	Wireless Solutions 35408 30 days	16-14 blue	Vinyl butted seam	5/16"	8.15 0.2 0.09	6.49 6.41 6.33
599 PACK	Wireless Solutions 48622 30 days	12-10 yellow	Vinyl butted seam	5/16"	54.75 6.07 2.76	52.01 50.91 48.18
EW 129 ACK	Wireless Solutions 485051 30 days	22-18 Red	Vinyl butted seam	5/16"	14.05 0.4 0.18	13.46 13.32 13.18
522 ACK	Wireless Solutions 48622 30 days	12-10 yellow	Vinyl butted seam	5/16"	8.75 0.61 0.28	6.97 6.89 6.80
162 ACK	Wireless Solutions MVU14-516R/SK 30 days	16-14 blue	Vinyl butted seam	5/16"	15.05 0.4 0.18	13.28 13.10 12.87
054 ACK	Wireless Solutions 70054 30 days	8 red	Vinyl butted seam	5/16"	4.80 0.1 0.05	3.82 3.77 3.73
559 ACK	3M Products 14-38-WN 30 days	8 red	Nylon brazed seam	5/16"	12.20 0.1 0.05	10.75 10.60 10.42
312 ACK	3M Products 14-38-WN 30 days	8 red	Nylon brazed seam	5/16"	88.20 2 0.91	77.78 76.72 75.40

2" Ring Terminals

Items in the table are sorted by stud size, then wire gauge.

nuing product table (1 of 2)

No. Uom	Manufacturer Mfg. P/N Warranty	Size (wire gauge) Insulation Color	Insulation Description	Stud Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
948 ACK	3M Products MV10-12RK 30 days	10-12 yellow	Vinyl brazed seam	1/2"	27.90 1 0.45	24.60 24.27 23.85
002 ACK	3M Products MV10-12RK 30 days	10-12 yellow	Vinyl brazed seam	1/2"	146.95 4 1.82	129.60 127.83 125.63

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size (wire gauge) Insulation Color	Insulation Description	Stud Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
92327 25 PACK	3M Products MN8-12R/SX 30 days	8 red	Vinyl brazed seam	1/2"	11.35 1 0.45	9.98 9.84 9.67
98773 200 PACK	3M Products MN8-12R/SK 30 days	8 red	Vinyl brazed seam	1/2"	100.15 0.1 0.05	88.32 87.12 85.62

Star Ring Terminal Assortment

Star ring terminal assortment. Includes 25 each #8 stud for 22-18 ga wire, 25 each #8 stud for 16-14 ga wire and 25 each #10 stud for 16-14 ga wire.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size (wire gauge) Insulation Color	Insulation Description	Stud Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
11624 1 EACH	Wireless Solutions STAR-RING KIT 30 days	18-22, 16-14 red, blue	Vinyl insulation grip	#8, #10	5.70 0.21 0.1	4.42 4.31 4.22

#8 Star Ring Terminals

Items in the table are sorted by stud size, then wire guage

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size (wire gauge) Insulation Color	Insulation Description	Stud Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
60730 100 PACK	Wireless Solutions SRA08X 30 days	18-22 red	Vinyl insulation grip	#8	7.45 0.21 0.1	7.07 6.92 6.55
42769 100 PACK	Wireless Solutions RB08/100 30 days	16-14 blue	Vinyl insulation grip	#8	7.60 0.21 0.1	7.22 7.07 6.69
81162 1000 PACK	Wireless Solutions RB08/1000 30 days	16-14 blue	Vinyl insulation grip	#8	68.50 2 0.91	65.08 63.71 60.28
46931 100 PACK	Wireless Solutions RB10/100 30 days	16-14 blue	Vinyl insulation grip	#10	7.60 0.1 0.05	7.22 7.07 6.69
85324 1000 PACK	Wireless Solutions RB10/1000 30 days	16-14 blue	Vinyl insulation grip	#10	68.50 2 0.91	65.08 63.71 60.28

Ring Terminal Assortment

Ring Terminal Assortment includes 25 each #8 stud for 22-18 ga wire, 25 each #8 stud for 16-14 ga wire and 25 each #10 stud for 22-18, 16-14, 12-10, and 8 ga wires. Total of 150 pcs.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size (wire gauge) Insulation Color	Insulation Description	Stud Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
88410 1 EACH	Wireless Solutions RING ASSRT 30 days	4 sizes assorted	Vinyl	#8, #10	11.15 0.33 0.15	8.68 8.46 8.29

W = New Listing. Pricing for reference only.
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3/8" Ring Terminals

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size (wire gauge) Insulation Color	Insulation Description	Stud Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
35139 1000 PACK	3M Products MVU14-38RK 30 days	16-14 blue	Vinyl butted seam	3/8"	160.65 3 1.36	141.69 139.76 137.35
39318 100 PACK	Wireless Solutions 39318 30 days	16-14 blue	Vinyl butted seam	3/8"	8.15 0.05 0.02	7.16 7.06 6.94
65376 100 PACK	3M Products MVU14-38RX 30 days	16-14 blue	Vinyl butted seam	3/8"	15.25 0.05 0.02	13.45 13.26 13.03
29481 50 PACK	3M Products RV10-38L 30 days	12-10 yellow	Vinyl butted seam	3/8"	9.55 0.29 0.13	8.43 8.31 8.17
46844 1000 PACK	Wireless Solutions 73801 30 days	12-10 yellow	Vinyl butted seam	3/8"	54.75 5.71 2.6	52.55 52.01 51.46
73801 100 PACK	Wireless Solutions 73801 30 days	12-10 yellow	Vinyl butted seam	3/8"	8.75 0.57 0.26	6.97 6.89 6.80
31008 250 PACK	3M Products MH10-38RK 30 days	12-10 yellow	Heat shrink water resistant	3/8"	169.10 2 0.91	149.12 147.10 144.56
18447 25 PACK	Wireless Solutions 18447 30 days	8 red	Vinyl butted seam	3/8"	4.70 1.87 0.85	3.75 3.70 3.65
454082 100 PACK	3M Products M10-38R/SX 30 days	12-10 none	Non-insulated	3/8"	30.35 1 0.45	26.76 26.39 25.94
499001 100 PACK	3M Products M14-38RX 30 days	16-14 none	Non-insulated	3/8"	24.95 1 0.45	21.98 21.68 21.30
56633 25 PACK	3M Products M8-38RX 30 days	8 none	Non-insulated	3/8"	21.00 0.22 0.1	18.53 18.27 17.96
75469 1000 PACK	3M Products M8-38RK 30 days	8 none	Non-insulated	3/8"	345.50 8 3.64	304.71 300.56 295.38
95026 200 PACK	3M Products MN8-38RK 30 days	8 red	Nylon brazed seam	3/8"	88.20 1.87 0.85	77.78 76.72 75.40
81988 100 PACK	3M Products 15-38-W 30 days	6 none	Non-insulated	3/8"	14.40 1 0.45	12.70 12.52 12.31

Spade/Fork Terminals [620-21]

Spade/Fork Terminals

Items in the table are sorted by stud size, then wire guage.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size (wire gauge) Insulation Color	Type Description	Stud Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
93199 50 PACK	3M Products BFV18-6L 30 days	22-18 red	Vinyl Butted seam	#6	6.60 0.12 0.05	5.81 5.73 5.63
30412 100 PACK	Wireless Solutions 30412 30 days	22-18 red	Spade/fork Vinyl	#6	4.05 0.2 0.09	3.23 3.19 3.15
85240 50 PACK	3M Products BFV14-6L 30 days	16-14 blue	Vinyl Butted seam	#6	6.60 1 0.45	5.81 5.73 5.63
82019 100 PACK	Wireless Solutions 82019 30 days	16-14 blue	Spade/fork Vinyl	#6	3.95 0.2 0.09	3.16 3.13 3.09
68805 100 PACK	Wireless Solutions 68805 30 days	12-10 yellow	Spade/fork Vinyl	#6	5.05 0.2 0.09	4.04 3.99 3.94
56840 100 PACK	Wireless Solutions 56840 30 days	22-18 red	Spade/fork Vinyl	#8	3.95 0.2 0.09	3.16 3.13 3.09

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size (wire gauge) Insulation Color	Type Description	Stud Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
88057 100 PACK	3M Products BFV18-8C 30 days	22-18 red	Vinyl Butted seam	#8	11.65 0.25 0.11	10.2 10.1 9.97
43626 100 PACK	Wireless Solutions 43626 30 days	16-14 blue	Spade/fork Vinyl	#8	3.95 0.2 0.09	3.16 3.13 3.09
90555 100 PACK	3M Products BFV14-8C 30 days	16-14 blue	Vinyl Butted seam	#8	11.65 0.26 0.12	10.2 10.1 9.97
66268 100 PACK	Wireless Solutions 68805 30 days	12-10 yellow	Spade/fork Vinyl	#8	6.65 1 0.45	5.3 5.2 5.1
22194 1000 PACK	Wireless Solutions 60587 30 days	22-18 red	Spade/fork Vinyl	#10	31.60 2 0.91	30.0 29.3 27.8
30002 100 PACK	3M Products MVU18-10FBX 30 days	22-18 red	Vinyl Butted seam	#10	11.70 0.23 0.1	10.3 10.1 10.0
60587 100 PACK	Wireless Solutions 60587 30 days	22-18 red	Spade/fork Vinyl	#10	3.95 0.2 0.09	3.7 3.6 3.4
44346 1000 PACK	Wireless Solutions 98980 30 days	16-14 blue	Vinyl Butted seam	#10	31.70 2.21 1	30.1 29.4 27.9
54660 100 PACK	3M Products BFV14-10C 30 days	16-14 blue	Vinyl Butted seam	#10	11.65 0.25 0.11	10.2 10.1 9.9
98980 100 PACK	Wireless Solutions 98980 30 days	16-14 blue	Vinyl Butted seam	#10	3.95 0.22 0.1	3.1 3.1 3.0
20416 1000 PACK	Wireless Solutions 47373 30 days	12-10 yellow	Vinyl Butted seam	#10	44.20 3.93 1.79	41.9 41.0 38.8
47373 100 PACK	Wireless Solutions 47373 30 days	12-10 yellow	Vinyl Butted seam	#10	7.05 0.4 0.18	5.6 5.5 5.4

Insulated Quick Slide, Male/Female [620-22]

Insulated Male Quick Slides

70624

90962

39355

72552

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size (wire gauge) Color	Description	Tab Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
70624 100 PACK	Wireless Solutions 70624 30 Days	16-14 Male blue	Fully nylon insulated	.187 tab	9.10 1 0.45	8.0 7.9 7.7
59338 100 PACK	Wireless Solutions 59338 30 Days	22-18 Male red	Fully nylon insulated	.250 tab	8.75 0.3 0.14	7.0 6.9 6.8
90962 500 PACK	Wireless Solutions 59338 30 Days	22-18 Male red	Fully nylon insulated	.250 tab	27.50 1.5 0.68	26.3 26.1 25.8
20945 100 PACK	Wireless Solutions 20945 30 Days	16-14 Male blue	Fully nylon insulated	.250 tab	5.50 0.3 0.14	4.4 4.3 4.2
39355 500 PACK	Wireless Solutions 20945 30 Days	16-14 Male blue	Fully nylon insulated	.250 tab	27.50 1.5 0.68	26.3 26.1 25.8
72552 100 PACK	Wireless Solutions 72552 30 Days	12-10 Male yellow	Fully nylon insulated	.250 tab	7.65 0.4 0.18	6.0 6.0 5.9
77748 500 PACK	Wireless Solutions 72552 30 Days	12-10 Male yellow	Fully nylon insulated	.250 tab	38.05 2 0.91	36.5 36.1 35.7

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M Insulated Quick Slides

63321 53424 53411

40197

t No. /Uom	Manufacturer Mfg. P/N Warranty	Size (wire gauge) Color	Description	Tab Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
321 PACK	3M Products 71F-187-20-NL 30 Days	16-14 Female red	Fully nylon insulated	.187 tab	5.45 0.26 0.12	4.79 4.73 4.65
424 PACK	3M Products MT118-250C 30 Days	22-18 Male red	Fully nylon insulated	.250 tab	17.15 0.36 0.16	15.13 14.93 14.67
411 PACK	3M Products FD114-250C 30 Days	16-14 Female blue	Fully nylon insulated	.250 tab	17.15 0.26 0.12	15.13 14.93 14.67
197 PACK	3M Products MT114-250C 30 Days	16-14 Male blue	Fully nylon insulated	.250 tab	17.15 0.34 0.15	15.13 14.93 14.67

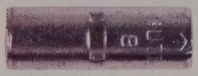
sulated Female Quick Slides

19172 57565 64534

t No. /Uom	Manufacturer Mfg. P/N Warranty	Size (wire gauge) Color	Description	Tab Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
231 PACK	Wireless Solutions 32231 30 Days	16-14 Female blue	Fully nylon insulated	.187 tab	8.65 0.25 0.11	7.62 7.52 7.39
669 PACK	Wireless Solutions 89839 30 Days	22-18 Female red	Fully nylon insulated	.250 tab	7.20 0.27 0.12	6.90 6.83 6.75
172 PACK	Wireless Solutions 89839 30 Days	22-16 Female red	Fully nylon insulated	.250 tab	35.90 1.5 0.68	34.45 34.09 33.73
839 PACK	Wireless Solutions 89839 30 Days	22-16 Female red	Fully nylon insulated	.250 tab	2.25 0.07 0.03	1.80 1.78 1.76
565 PACK	Wireless Solutions 51446 30 Days	16-14 Female blue	Fully nylon insulated	.250 tab	26.15 1.25 0.57	25.11 24.85 24.59
739 PACK	Wireless Solutions 51446 30 Days	16-14 Female blue	Fully nylon insulated	.250 tab	5.25 0.28 0.13	4.97 4.87 4.61
534 PACK	Wireless Solutions 85766 30 Days	12-10 Female yellow	Fully nylon insulated	.250 tab	35.90 2 0.91	34.45 34.09 33.73
766 PACK	Wireless Solutions 85766 30 Days	12-10 Female yellow	Fully nylon insulated	.250 tab	11.45 0.2 0.09	9.13 9.02 8.90

Butt Connectors [620-23]

Non-Insulated Butt Connectors



51283

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size (wire gauge) Color	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
12890 100 PACK	Wireless Solutions 12890 30 days	12-10	Non-insulated Brazed seam	8.35 1 0.45	7.33 7.23 7.11
55452 100 PACK	3M Products M10BCX 30 days	12-10	Non-insulated Brazed seam	32.20 1 0.45	28.37 27.98 27.50
51283 100 PACK	Wireless Solutions 51283 30 days	8	Non-insulated Brazed seam	14.60 0.25 0.11	12.86 12.69 12.47
69351 25 PACK	3M Products M8BCX 30 days	8	Non-insulated Brazed seam	21.45 0.25 0.11	18.91 18.66 18.34

Vinyl Insulated Butt Connector

17994 97731 84517

Continuing product table (1 of 2)

Part No., Qty/Uom	Manufacturer Mfg. P/N Warranty	Size (wire gauge) Color	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
17994 500 PACK	Wireless Solutions 46124 30 days	22-18 red	Vinyl insul. Butted Seam	13.30 1.25 0.57	12.60 12.34 11.67
46124 100 PACK	Wireless Solutions 46124 30 days	22-18 red	Vinyl insul. Butted Seam	3.70 0.22 0.1	2.96 2.93 2.89
61629 100 PACK	3M Products MVU18BCX 30 days	22-18 red	Vinyl insul. Butted Seam	10.90 0.26 0.12	9.61 9.48 9.32
81490 1000 PACK	Wireless Solutions 61-P 30 days	22-18 red	Vinyl insul. Butted Seam	37.05 2.12 0.96	35.57 35.20 34.83
87540 1000 PACK	Wireless Solutions 46124 30 days	22-18 red	Vinyl insul. Butted Seam	26.00 2.12 0.96	17.68 17.35 17.03
18089 100 PACK	3M Products 62-P 30 days	16-14 blue	Vinyl insul. Butted Seam	10.05 0.38 0.17	8.83 8.71 8.56
19167 1000 PACK	Wireless Solutions 62-P 30 days	16-14 blue	Vinyl insul. Butted Seam	37.05 2.67 1.21	35.57 35.20 34.83
42178 1000 PACK	Wireless Solutions 97731 30 days	16-14 blue	Vinyl insul. Butted Seam	28.15 2.5 1.14	19.15 18.78 18.44
64127 100 PACK	3M Products MVU14BCX 30 days	16-14 blue	Vinyl insul. Butted Seam	11.55 0.38 0.17	10.17 10.04 9.86
94780 500 PACK	Wireless Solutions 97731 30 days	16-14 blue	Vinyl insul. Butted Seam	14.10 1.34 0.61	13.38 13.10 12.39
97731 100 PACK	Wireless Solutions 97731 30 days	16-14 blue	Vinyl insul. Butted Seam	3.85 0.27 0.12	3.07 3.03 2.99
16267 50 PACK	3M Products MV10BCX 30 days	12-10 yellow	Vinyl insul. brazed seam 600-1000 volts	21.70 0.41 0.19	19.12 18.86 18.53
35933 1000 PACK	Wireless Solutions 84517 30 days	12-10 yellow	Vinyl insul. Butted Seam	45.00 4.38 1.99	30.60 30.02 29.48
43173 500 PACK	Wireless Solutions 84517 30 days	12-10 yellow	Vinyl insul. Butted Seam	22.50 2.25 1.02	21.38 20.93 19.80
81812 50 PACK	3M Products BSV10L 30 days	12-10 yellow	Vinyl insul. Butted Seam	8.05 0.33 0.15	7.10 7.01 6.89
84517 100 PACK	Wireless Solutions 84517 30 days	12-10 yellow	Vinyl insul. Butted Seam	6.25 0.43 0.2	5.93 5.81 5.50
85237 1000 PACK	Wireless Solutions 63-P 30 days	12-10 yellow	Vinyl insul. Butted Seam	46.65 4.38 1.99	44.79 44.32 43.86

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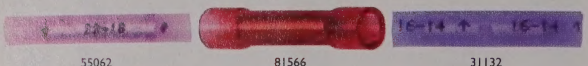
Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size (wire gauge) Color	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
23428 200 PACK	3M Products MV8BCK 30 days	8 red	Vinyl insul. brazed seam 600-1000 volts	95.95 2.3 1.05	84.60 83.45 82.01
43419 25 PACK	3M Products MV8BCX 30 days	8 red	Vinyl insul. brazed seam 600-1000 volts	11.40 0.36 0.16	10.03 9.90 9.73
437003 200 PACK	3M Products MV6BCK 30 days	6	Vinyl insul. brazed seam 600-1000 volts	133.75 3.99 1.81	117.94 116.33 114.33
63689 1000 PACK	Wireless Solutions 63689 30 days	8 red	Vinyl insul. Butted Seam	179.95 3.12 1.42	172.75 170.95 169.15
88868 100 PACK	Wireless Solutions 64-WP 30 days	8 red	Vinyl insul. Butted Seam	18.00 0.5 0.23	17.27 17.10 16.92

Nylon Insulated Butt Connector

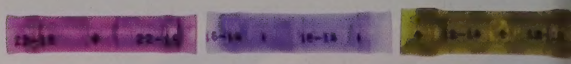


55062 81566 31132

97202

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size (wire gauge) Color	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
14889 100 PACK	3M Products 61-SN 30 days	22-18 red	Nylon Insul. Seamless	5.40 0.3 0.14	5.18 5.13 5.07
28103 1000 PACK	3M Products 62-SN 30 days	16-14 blue	Nylon Insul. Seamless	53.95 2.25 1.02	51.79 51.25 50.71
41317 1000 PACK	3M Products 61-SN 30 days	22-18 red	Nylon Insul. Seamless	53.95 2.2 1	51.79 51.25 50.71
53282 100 PACK	3M Products 62-SN 30 days	16-14 blue	Nylon Insul. Seamless	5.40 0.4 0.18	5.18 5.13 5.07
55062 100 PACK	Wireless Solutions 55062 30 days	22-18 Violet	Nylon insul. Butted seam	4.35 0.33 0.15	3.79 3.79 3.79
81566 500 PACK	Wireless Solutions 55062 30 days	22-18 red	Nylon insul. Butted seam	16.50 1.1 0.5	15.68 15.35 14.52
93455 1000 PACK	Wireless Solutions 55062 30 days	22-18 red	Nylon insul. Butted seam	33.70 2.2 1	22.89 22.46 22.05
29959 500 PACK	Wireless Solutions 31132 30 days	16-14 blue	Nylon insul. Butted seam	17.25 1.1 0.5	16.38 16.04 15.18
31132 100 PACK	Wireless Solutions 31132 30 days	16-14 blue	Nylon insul. Butted seam	4.35 0.33 0.15	3.79 3.79 3.79
69525 1000 PACK	Wireless Solutions 31132 30 days	16-14 blue	Nylon insul. Butted seam	33.70 2.15 0.98	22.89 22.46 22.05
26854 100 PACK	3M Products 63-SN 30 days	12-10 yellow	Nylon Insul. Seamless	7.40 0.5 0.23	7.07 7.00 6.92
58809 100 PACK	Wireless Solutions 58809 30 days	12-10 yellow	Nylon insul. Butted seam	7.65 0.33 0.15	6.11 6.03 5.96
66496 1000 PACK	3M Products 63-SN 30 days	12-10 yellow	Nylon Insul. Seamless	59.95 4.38 1.99	57.52 56.92 56.32
68352 500 PACK	Wireless Solutions 58809 30 days	12-10 yellow	Nylon insul. Butted seam	28.50 1.9 0.86	27.08 26.51 25.08
97202 1000 PACK	Wireless Solutions 58809 30 days	12-10 yellow	Nylon insul. Butted seam	57.00 2.2 1	38.76 38.02 37.34

Weatherproof Butt Connectors



59523 97916 84702

3M weather proof butt connectors are filled with a moisture seal gel to seal out the elemen
Great for Marine applications.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size (wire gauge) Color	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
59523 250 PACK	3M Products 61-NBM 30 days	22-18 red	Moisture Seal Weatherproof	55.50 2.08 0.95	48.93 48.26 47.43
97916 250 PACK	3M Products 62NBM 30 days	16-14 blue	Moisture Seal Weatherproof	55.50 1 0.45	48.93 48.26 47.43
84702 500 PACK	3M Products 63-NBM 30 days	12-10 yellow	Moisture Seal Weatherproof	144.15 3 1.36	127.1 125.4 123.2

Heat Shrink Butt Connectors

88865 37258 75651

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size (wire gauge) Color	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
23236 250 PACK	3M Products MH18BCK 30 days	22-18 red	Heat shrink Waterproof	175.65 0.83 0.38	154.9 152.7 150.1
88865 10 PACK	Wireless Solutions SCN-001-10P 30 days	22-18 red	Heat shrink Waterproof	5.70 0.04 0.02	5.19 5.08 4.88
25734 250 PACK	3M Products MH14BCK 30 days	16-14 blue	Heat shrink Waterproof	175.65 1.05 0.48	154.9 152.7 150.1
37258 10 PACK	Wireless Solutions SCN-002-10P 30 days	16-14 blue	Heat shrink Waterproof	5.85 0.04 0.02	5.33 5.21 5.01
67874 250 PACK	3M Products MH10BCK 30 days	12 yellow	Heat shrink Waterproof	190.90 2.08 0.95	168.3 166.0 163.2
75651 10 PACK	Wireless Solutions SCN-003-10P 30 days	12-10 yellow	Heat shrink Waterproof	7.00 0.04 0.02	6.36 6.22 5.97

Splice Connectors and Disconnects [620-24]

If you are buying these, you may need:

Automotive Hookup Wire . . . . . page 1762

T-Tap Disconnects

39098 41325 16146

T-Tap splice connectors tap into the wire. Used with .250 tab male disconnect connectors.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size (wire gauge) Color	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
33952 50 PACK	3M Products 951X 30 days	22-18 red	Scotchlock(tm)T-tap splice. .250" tab.	6.05 0.17 0.08	5.34 5.27 5.18
39098 500 PACK	Wireless Solutions 77491 30 days	22-18 red	Wire T-tap splice. .250" tab.	38.40 1.5 0.68	36.48 35.72 33.80
77491 100 PACK	Wireless Solutions 77491 30 days	22-18 red	Wire T-tap splice. .250" tab.	7.70 0.4 0.18	7.30 7.15 6.76
79718 1000 PACK	Wireless Solutions 77491 30 days	22-18 red	Wire T-tap splice. .250" tab.	76.80 3.4 1.55	72.96 71.43 67.59

NEW = New Listing. Pricing for reference onl
See TESSCO.com for latest pricing and product
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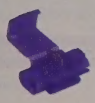
tinuing product table (2 of 2)

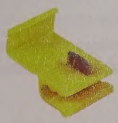
rt No. y/Uom	Manufacturer Mfg. P/N Warranty	Size (wire gauge) Color	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
0074 0 PACK	3M Products 951X 30 days	22-18 red	Scotchlock(tm)T-tap splice..250" tab.	134.05 3.4 1.55	118.21 116.60 114.59
8467 0 PACK	3M Products 952K 30 days	18-14 blue	Scotchlock(tm)T-tap splice..250" tab.	134.05 3.4 1.55	118.21 116.60 114.59
1325 PACK	Wireless Solutions 41325 30 days	18-14 blue	Wire T-tap splice. .250" tab.	7.85 1 0.45	7.44 7.29 6.89
4539 0 PACK	Wireless Solutions 41325 30 days	18-14 blue	Wire T-tap splice. .250" tab.	76.80 3.4 1.55	72.96 71.43 67.59
2345 PACK	3M Products 952X 30 days	18-14 blue	Scotchlock(tm)T-tap splice..250" tab.	6.05 0.15 0.07	5.34 5.27 5.18
2932 PACK	Wireless Solutions 41325 30 days	18-14 blue	Wire T-tap splice. .250" tab.	38.40 0.98 0.45	36.48 35.72 33.80
6146 PACK	Wireless Solutions 16146 30 days	12-10 yellow	Wire T-tap splice. .250" tab.	8.35 0.34 0.15	7.91 7.74 7.33
0738 PACK	3M Products 953X 30 days	12-10 yellow	Scotchlock(tm)T-tap splice..250" tab.	6.55 0.17 0.08	5.76 5.68 5.58
9360 0 PACK	Wireless Solutions 29360 30 days	12-10 yellow	Wire T-tap splice. .250" tab.	83.20 3.4 1.55	79.04 77.38 73.22
7753 PACK	Wireless Solutions 16146 30 days	12-10 yellow	Wire T-tap splice. .250" tab.	41.60 1 0.45	39.52 38.69 36.61

plice Connectors

86808



27385



65778

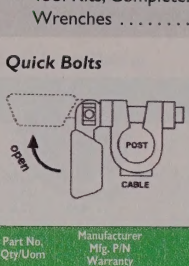
rt No. y/Uom	Manufacturer Mfg. P/N Warranty	Size (wire gauge) Color	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
6808 PACK	3M Products 558 30 days	22-18 red	Scotchlock(tm)self stripping wire splice	20.40 0.44 0.2	18.00 17.75 17.45
7385 PACK	Wireless Solutions 27385 30 days	18-14 blue	Self-stripping wire splice.	4.50 0.48 0.22	4.32 4.28 4.23
5201 PACK	3M Products 560 30 days	18-14 blue	Scotchlock(tm)self stripping wire splice	12.40 0.41 0.19	10.92 10.78 10.59
7025 PACK	3M Products 804 30 days	18-14 blue	Scotchlock(tm)Weatherproof wire splice	24.05 0.41 0.19	17.27 17.20 17.08
5778 PACK	Wireless Solutions 65778 30 days	12-10 yellow	Self-stripping wire splice.	5.50 1.02 0.46	5.28 5.23 5.17
3594 PACK	3M Products 562 30 days	12-10 yellow	Scotchlock(tm)self stripping wire splice	22.35 0.8 0.36	19.68 19.41 19.08

Battery Taps And Bolts [620-25]

If you are buying these, you may need:

Tool Kits, Complete. . . . . page 1523
Wrenches . . . . . page 1581

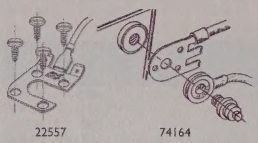
Quick Bolts



Replaces Standard 5/16" bolt on top-post batts. Cam Action, no tools required.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
41460 1 EACH	Termcon Incorporated QUICK BOLTS 30 days	Two color- coded Quick Bolts.	13.40 0.2 0.09	10.91 10.71 10.53

Batap Kit

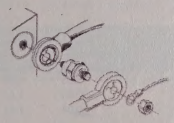


22557 74164

Battery tap kit. Terminals included.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
22557 1 EACH	Termcon Incorporated BATAP-K 30 days	Batap kit: 3 bataps & 9 term	8.50 0.01 0	6.92 6.79 6.68
74164 25 PACK	Termcon Incorporated BATAP-25 30 days	Batap: Brass portion only, 25 Pack	35.40 1 0.45	28.86 28.32 27.86

Side Mount Battery Bolt



For connecting power to communications equipment on vehicles with side mount batteries

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
32513 10 PACK	Termcon Incorporated SMU 30 days	Side mount battery bolt. 3/8" ring term	30.90 0.9 0.41	25.19 24.72 24.32
36592 10 PACK	Termcon Incorporated SMU-LONG 30 days	Long side mount battery bolt.3/8" ring	41.95 0.9 0.41	34.18 33.55 33.00
67675 1 EACH	Termcon Incorporated SMU 30 days	Side mount battery bolt. 3/8" ring term	2.30 0.09 0.04	1.88 1.84 1.81
90983 1 EACH	Termcon Incorporated SMU-LONG 30 days	Long side mount battery bolt. 3/8 ring	3.10 0.09 0.04	2.50 2.45 2.41

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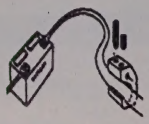
Battery Cable Tap



For connecting mobile access to battery cable. No special tools needed.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
46167 1 EACH	Comtelco A1001A 30 days	Battery cable power tap.	11.00 0.08 0.04	7.81 7.72 7.72
93261 25 PACK	Comtelco A1001B 30 days	Battery cable tap. 25 pack.	61.75 1.36 0.62	43.85 43.23 42.61

Disconnect Switch

93880 42273

Battery safety disconnect switch. Easy to install and simple to use.

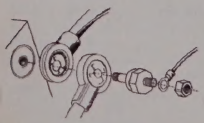
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
93880 1 EACH	Termcon Incorporated SP1-20188 1 year	Hidden In-Line Disconnect Switch	30.95 1 0.45	25.20 24.74 24.34
42273 1 EACH	Termcon Incorporated TM8-20138 1 year	Top-Mount Disconnect Switch	30.95 1 0.45	25.21 24.75 24.35

Top Mount Battery Bolt

Remove nut from existing battery and replace with bolt. Nut holds leads.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
41247 1 EACH	Termcon Incorporated TMU 30 days	Top mount battery bolt. 5/16" ring term	2.05 0.08 0.04	1.68 1.64 1.62
70906 10 PACK	Termcon Incorporated TMU 30 days	Top mount battery bolt. 5/16" ring term	28.10 0.8 0.36	22.91 22.48 22.12

GM-side mount batt. bolt



For connecting power to communications equipment on GM vehicles with side mount batteries

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
84634 1 EACH	Termcon Incorporated SMU-GMA 30 days	GM side mount battery bolt. 3/8" ring term	3.10 0.01 0	2.50 2.45 2.41
88199 10 PACK	Termcon Incorporated SMU-GMA 30 days	GM side mount battery bolt. 3/8" ring term	41.95 0.92 0.42	34.18 33.55 33.00

Alligator Clips [620-26]

2" Non Insulated Alligator Clip

47453

2" Alligator clip with screw attachment. Non insulated. Opening fi standard banana plug.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
47453 1 EACH	GC/Waldom 33-079-BU 1 yr	Alligator clip w/screw lug.	0.35 0.08 0.04	0.30 0.28 0.28

2" Insulated Alligator Clips

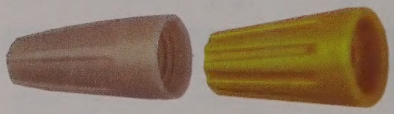
96280

Heavy Duty insulated alligator clip. 3/8" jaw openning. Nickle plated. Handles up to 5 amp current. Includes black rubber boots.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
96280 10 PACK	Wireless Solutions ALLIGATOR 1 yr	Nickle Plated alligator clips. 10 pack. Black boots	4.00 1 0.45	3.70 3.45 3.37

Wire Connectors [620-27]

Wire Connectors



14895 66502

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size (wire gauge) Qty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
14895 100 PACK	Wireless Solutions 14895 30 days	18-12 100	Wire nut. 18-12 gauge.	3.50 0.18 0.08	3.36 3.33 3.29
66502 100 PACK	Wireless Solutions 66502 30 days	22-16 100	Wire nut. 22-16 gauge. Color Yellow.	3.50 0.17 0.08	3.36 3.33 3.29

Switches [620-29]

If you are buying these, you may need:

Automotive Hookup Wire ..... page 1762

SPST Toggle Switch

Light duty toggle switch with Bat style handle. Current rate for 3A-125VAC. Silver contact material with copper alloy, ti plated terminals.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
20493 1 EACH	GC/Waldom 35-064 30 days	SPST On-Off action with metal actuator. Solder tab terminals. Requires 1/2" mounting hole.	1.25 0.05 0.02	1.15 1.07 1.05

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addle Handle Toggle Switch

Medium duty toggle switch. Current rating 10A-125VAC. Silver contact material with silver plated copper alloy terminals.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
753 ACH	GC/Waldom 35-178-BU 30 days	SPST On-Off action, plastic paddle actuator. Solder/.250 quick disconnect terminal tabs. Requires 1/2" mounting hole.	3.20 0.05 0.02	2.97 2.77 2.71

ghted Toggle Switch

Medium duty toggle switch with 16A-12VDC current rating. Silver contacts with silver plated .250" disconnect terminals.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
767 ACH	GC/Waldom 35-090 1 yr	SPST On-Off, RED lighted actuator. Requires 1/2" mounting hole.	5.20 0.07 0.03	4.82 4.49 4.39
160 ACH	GC/Waldom 35-092 1 yr	SPST On-Off, GREEN lighted actuator. Requires 1/2" mounting hole.	5.20 0.07 0.03	4.82 4.49 4.39
553 ACH	GC/Waldom 35-094 1 yr	SPST On-Off, AMBER lighted actuator. Requires 1/2" mounting hole.	5.20 0.1 0.05	4.82 4.49 4.39

edium Duty Toggle Switch

Medium duty toggle switch with 6A-125VAC (3A-250VAC) current rating. Copper alloy contact area. Tin plated copper solder tab terminals.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
967 ACH	GC/Waldom 35-112-BU	DPST On-Off, metal actuator, requires 1/2" mounting hole.	4.05 0.07 0.03	3.75 3.49 3.42

PDT Toggle Switch

Double Pole, Double Throw toggle switch.

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
748 ACH	GC/Waldom 35-132 1 year	Light duty, metal, bat handle. 3A-125VAC. Silver, solder type contacts. 0.5" mounting hole. On-On action.	4.20 0.1 0.05	3.91 3.64 3.56
366 ACH	GC/Waldom 35-152 1 year	Medium duty, metal, bat handle. 6A-125VAC, 3A-250VAC. Copper, solder type contacts. 0.5" mounting hole. On-On Action.	5.25 0.07 0.03	4.88 4.54 4.45

Split Loom Tubing [620-30]

If you are buying these, you may need:

Automotive Hookup Wire . . . . . page 1762
Tape, Electrical, and Cold Shrink . . . . . page 1741

Split Loom Tubing

Convoluted split loom tubing for protection of wire harness and cable runs. Coiled

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Inside Dia. (in.) Inside Dia. (in.) Length (Feet)	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
15303 50 FOOT	Wireless Solutions 54211 1 year	.250 ID .250 ID 50	1/4" Split Loom Tubing	3.50 2 0.91	3.26 3.01 2.73
87345 100 FOOT	Wireless Solutions 54211 1 year	.250 ID .250 ID 100	1/4" Split Loom Tubing	9.65 0.8 0.36	8.98 8.30 7.53
35738 100 FOOT	Wireless Solutions 40997 1 year	.350 ID .350 ID 100	3/8" Split Loom Tubing	10.40 1.25 0.57	9.68 8.95 8.12
92089 50 FOOT	Wireless Solutions 40997 1 year	.350 ID .350 ID 50	.350" Split Loom Tubing	5.20 1.31 0.6	4.84 4.48 4.06
53696 50 FOOT	Wireless Solutions 15818 1 year	.500 ID .500 ID 50	1/2" Split Loom Tubing	6.85 1.5 0.68	6.38 5.90 5.35
74131 100 FOOT	Wireless Solutions 15818 1 year	.500 ID .500 ID 100	1/2" Split Loom Tubing	11.90 2.03 0.92	11.07 10.24 9.29
40482 50 FOOT	Wireless Solutions 92604 1 year	.750 ID .750 ID 50	3/4" Split Loom Tubing	7.40 1 0.45	6.89 6.37 5.78
60917 100 FOOT	Wireless Solutions 92604 1 year	.750 ID .750 ID 100	3/4" Split Loom Tubing	17.80 2.95 1.34	16.56 15.31 13.89
22524 100 FOOT	Wireless Solutions 17385 1 year	1.00 ID 1.00 ID 100	1" Split Loom Tubing	23.50 2.95 1.34	21.86 20.21 18.33
78875 50 FOOT	Wireless Solutions 17385 1 year	1.00 ID 1.00 ID 50	1" Split Loom Tubing	8.25 1.5 0.68	7.68 7.10 6.44
75918 150 FOOT	Wireless Solutions 75918 1 year	1.50 ID 1.50 ID 150'	1.5" Split Loom Tubing	65.50 17 7.73	60.90 56.32 51.08

Split Loom Tubing on a Reel

Split loom tubing on a easy to use spool.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Inside Dia. (in.) Inside Dia. (in.) Length (Feet)	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
53350 100 FOOT	Wireless Solutions .250 1 year	.250 ID .250 ID 100	1/4" split loom	16.00 1.22 0.55	14.56 14.24 13.68
91743 100 FOOT	Wireless Solutions .350 1 year	.350 ID .350 ID 100	3/8" split loom	17.90 1.56 0.71	16.29 15.94 15.31
78529 100 FOOT	Wireless Solutions .500 1 year	.500 ID .500 ID 100	1/2" split loom	21.05 2.27 1.03	19.15 18.73 17.99
56570 100 FOOT	Wireless Solutions .625 X 100' 1 year	.625 ID .625 ID 100	5/8" split loom.	24.75 3 1.36	23.02 21.29 19.31
52101 100 FOOT	Wireless Solutions .750 1 year	.750 ID .750 ID 100	3/4" split loom	31.40 4.64 2.11	28.56 27.93 26.83
90494 50 FOOT	Wireless Solutions 1.0 1 year	1.00 ID 1.00 ID 50	1" split loom	21.20 3.45 1.57	19.30 18.87 18.13

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Cigarette Lighter Plugs/ Sockets [620-35]

Cigarette Lighter Plugs

36852

67485

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size (wire gauge)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36852 1 EACH	Wireless Solutions CIG.PLUG 30 days	Cigarette lighter plug with 6' heavy duty 16 gauge wire and a 3 amp fuse.	5.95 0.24 0.11	5.72 5.66 5.60
67485 1 EACH	GC/Waldom 30-3152 30 days	Cigarette lighter plug only. No wire or fuse.	1.80 0.1 0.05	1.67 1.56 1.52
56137 3 PACK	GC/Waldom 30-3152 30 days	Cigarette lighter plug only. No wire or fuse.	5.40 0.3 0.14	5.01 4.66 4.56
66236 1 EACH	GC/Waldom 36-902 30 days	Cigarette lighter plug only with a 2 amp fuse.	2.85 0.08 0.04	2.65 2.47 2.42

Multiple Cig Adapter Sockets

45967

54745

16551

46560

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size (wire gauge)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
45967 1 EACH	Superior Comm. 18655 30 days	Molded plastic twin lighter adapter. Allows 2 products to share 1 cigarette lighter socket	7.10 0.25 0.11	5.89 5.65 5.43
54745 1 EACH	Powertel N9009 30 days	Dual port cigarette lighter plug with 16 gauge wire. Allows 2 products to share 1 cigarette lighter socket.	9.00 0.2 0.09	6.39 6.30 6.21
16551 1 EACH	GC/Waldom 30-3153 30 days	Dash mounted with triple sockets and a 4' power cord with plug.	20.45 0.38 0.17	19.10 17.77 17.39
46560 1 EACH	Wireless Solutions PC505 30 days	Cigarette socket extension. 10' curly cord with cig. plug on one end, and cig. socket on the other.	5.75 0.25 0.11	5.51 5.45 5.39

Cigarette Lighter Socket

14043

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size (wire gauge)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
63535 1 EACH	Wireless Solutions CIG SOCKET 30 days	Cigarette lighter socket with 1' 16 gauge PVC jacketed polarized wire.	4.75 0.2 0.09	4.56 4.52 4.47
14043 1 EACH	Wireless Solutions BLANK CIG LIGHT. 30 days	Blank shell female cigarette lighter socket. No cord or fuse provided.	1.50 0.25 0.11	1.41 1.39 1.38

Right Angle Bracket Socket

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description, Size (wire gauge)	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
75137 1 EACH	Wireless Solutions 75137 30 days	Cigarette lighter socket with right angle plastic mounting bracket. .250" terminal tabs, dust cap. Black face plate. (for accessories, not lighters)	6.00 0.11 0.05	5.76 5.70 5.64

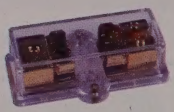
Auto Sound Hardware [620-45]

Gold Plated Power Distribution

24K gold plating. Clear Acrylic cover. One 4-8 gauge cable i four 8-12 gauge cables out. Show quality.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
95902 1 EACH	Typhoon TY521A 1 yr	One to Four Power Distribution Block	8.90 0.5 0.23	8.46 8.28 7.84

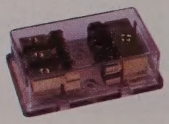
Gold 1-to-2 Fused Power Block



24K gold plating. Clear Acrylic cover. One 4 ga cable in, Two fused 8ga cables out. Use with AGU fuses.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
16618 1 EACH	Typhoon TY526B 1 yr	Fused 2 position AGU power block.	15.00 0.4 0.18	14.25 13.95 13.20

Gold 1-to-3 Fused Power Block



24K gold plating. Clear Acrylic cover. One 4 ga cable in, Three fused 8ga cables out. Use with AGU fuses.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
68225 1 EACH	Typhoon TY525B 1 yr	Fused 3 position AGU power block.	19.00 0.6 0.27	18.05 17.67 16.72

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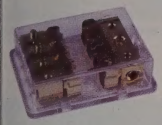
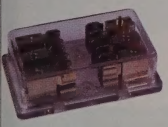
Gold Multi-to-4 Fused Block



24K gold plating. Clear Acrylic cover. Up to three 4ga cables in, four fused 8ga cables out. Use with AGU fuses. Maximum current rating per ciruit is 60 Amperes.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
4653 EACH	Typhoon TY524A 1 yr	Fused 4 position AGU power block.	23.80 0.8 0.36	22.61 22.14 20.95

Gold Plated In Line Fuse Block



24K gold plating. Clear Acrylic cover. 8 ga cables in, 8 ga cables out. Individual circuits.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1797 EACH	Typhoon TY526A 1 yr	AGU 2 line fuse block.	15.00 0.5 0.23	14.25 13.95 13.20
3404 EACH	Typhoon TY525A 1 yr	AGU 3 line fuse block.	19.00 0.55 0.25	18.05 17.67 16.72
5011 EACH	Typhoon TY523 1 yr	AGU 4 line fuse block.	24.80 0.5 0.23	23.56 23.07 21.83

Gold Plated Ring Terminals

24K gold plated terminals are great for classy and show installations. Each set comes in a pair-one red, one black with soft PVC insulation.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
5727 EACH	Wireless Solutions GR410 30 days	Ring Terminal, 4ga, #10 stud, per pair.	1.05 0.02 0.01	0.99 0.97 0.92
7334 EACH	Wireless Solutions GR456 30 days	Ring Terminal, 4ga, 5/16" stud, per pair.	1.80 0.02 0.01	1.68 1.64 1.55
4120 EACH	Wireless Solutions GR438 30 days	Ring Terminal, 4ga, 3/8" stud, per pair.	1.80 0.02 0.01	1.68 1.64 1.55
5801 EACH	Wireless Solutions GS88 30 days	Spade Terminal 8ga, #8 stud. per pair.	0.95 0.02 0.01	0.88 0.86 0.81
3229 EACH	Wireless Solutions GRN88 30 days	Narrow Ring Terminal, 8ga wire, #8 stud. per pair.	0.95 0.02 0.01	0.88 0.86 0.81
5194 EACH	Wireless Solutions GS810 30 days	Spade Terminal 8ga, #10 stud. per pair.	0.95 0.02 0.01	0.88 0.86 0.81
3941 EACH	Wireless Solutions GR810 30 days	Ring Terminal, 8ga, #10 stud, per pair.	0.90 1 0.45	0.86 0.84 0.80
2155 EACH	Wireless Solutions GR856 30 days	Ring Terminal, 8ga, 5/16" stud, per pair.	1.00 1 0.45	0.92 0.90 0.85
0548 EACH	Wireless Solutions GR838 30 days	Ring Terminal, 8ga, 3/8" stud, per pair.	1.00 0.02 0.01	0.92 0.90 0.85

Gold Plated Right Angle Spades

24K gold plated terminals are great for classic and show installations. Each set comes in a pair-one red, one black-with soft PVC insulation.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
23587 1 EACH	Wireless Solutions GP88 30 days	Rt Angle Spade, 8ga #8 stud. per pair.	0.95 1 0.45	0.90 0.88 0.83
61980 1 EACH	Wireless Solutions GP810 30 days	Rt Angle Spade, 8ga #10 stud. per pair.	0.95 0.02 0.01	0.90 0.88 0.83

RCA Patch Cords

Nickel and Gold plated RCA patch cords for connections between car radio, stereo, and speakers in automotive applications and other uses.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
43239 1 EACH	Wireless Solutions 129 1 yr	1 foot Nickel Plated RCA Patch Cord	0.80 1 0.45	0.76 0.75 0.71
81632 1 EACH	Wireless Solutions 131 1 yr	3 foot Nickel Plated RCA Patch Cord	1.05 0.5 0.23	0.99 0.97 0.92
68418 1 EACH	Wireless Solutions 132 1 yr	6 foot Nickel Plated RCA Patch Cord	1.50 0.5 0.23	1.39 1.36 1.29
16811 1 EACH	Wireless Solutions 133 1 yr	12 ft. Nickel Plated RCA Patch Cord	1.90 0.5 0.23	1.77 1.73 1.64
55204 1 EACH	Wireless Solutions 134 1 yr	15 ft. Nickel Plated RCA Patch Cord	2.30 0.5 0.23	2.15 2.11 1.99
93597 1 EACH	Wireless Solutions 135 1 yr	20 ft. Nickel Plated RCA Patch Cord	2.50 0.5 0.23	2.38 2.33 2.20
41990 1 EACH	Wireless Solutions HCA01 1 yr	1 foot Gold Plated RCA Patch Cord	1.40 0.5 0.23	1.33 1.31 1.24
80383 1 EACH	Wireless Solutions HCA03 1 yr	3 foot Gold Plated RCA Patch Cord	1.50 1 0.45	1.43 1.40 1.32
28776 1 EACH	Wireless Solutions HCA06 1 yr	6 foot Gold Plated RCA Patch Cord	2.05 0.5 0.23	1.94 1.90 1.80
15562 1 EACH	Wireless Solutions HCA12 1 yr	12 ft. Gold Plated RCA Patch Cord	2.35 0.5 0.23	2.23 2.18 2.06
53955 1 EACH	Wireless Solutions HCA15 1 yr	15 ft. Gold Plated RCA Patch Cord	2.65 0.28 0.13	2.49 2.44 2.31
92348 1 EACH	Wireless Solutions HCA20 1 yr	20 ft. Gold Plated RCA Patch Cord	2.80 0.5 0.23	2.66 2.61 2.47

RCA "Y" Adapters - Nickel/Gold

RCA "Y" Adapters for car stereos in multiple speaker applications. Gold is recommended in low loss situations.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
18784 1 EACH	Wireless Solutions 1062F 60 days	Nickel plated - 1 male to 2 female	0.65 0.25 0.11	0.62 0.61 0.58

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
57177 1 EACH	Wireless Solutions 1072M 60 days	Nickel plated - 1 female to 2 male	0.65 0.25 0.11	0.62 0.61 0.58
95570 1 EACH	Wireless Solutions Y2F 60 days	Gold plated - 1 male to 2 female	1.20 0.25 0.11	1.14 1.12 1.06
43963 1 EACH	Wireless Solutions Y2F 60 days	Gold plated - 1 female to 2 male	1.20 0.25 0.11	1.14 1.12 1.06

RCA Splices

Splices for RCA patch cords. Comes in nickel plating and gold versions. Nickel plating used best with nickel plated patch cords. Gold plating recommended for high audio quality applications or in low-loss situations.

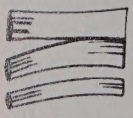
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
49936 10 PACK	Wireless Solutions 105 30 days	RCA Splice: female - nickel plated	5.00 1 0.45	4.75 4.65 4.40
88329 10 PACK	Wireless Solutions 106 30 days	RCA Splice: male - nickel plated	6.20 0.2 0.09	5.89 5.77 5.46
94321 1 EACH	Wireless Solutions HRS5 30 days	RCA Splice: female - gold plated	0.75 1 0.45	0.72 0.70 0.66
42714 1 EACH	Wireless Solutions HRS7 30 days	RCA Splice: male - gold plated	0.85 0.1 0.05	0.81 0.80 0.75

Heat Shrink Tubing [620-70]

If you are buying these, you might need:

Coaxial Cable and Transmission Line . . . . . page 368
Heat Shrink Guns. . . . . page 1738

19 Piece Heat Shrink Tubing



62535

GC/Thorsen PVC heat shrink tubing in 19 assorted sizes from 1/16" to 3/8". Shrinks to 50% of its size. 6" length. Clear

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Color Type	temp. Range	Dia. Before Shrink (In.) Shrink Ratio	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
62535 1 PACK	GC/Waldom 12-1082 90 days	Clear PVC	250 deg. F	*7 Sizes 1/16" to 3/8" 50%	4.50 0.13 0.06	4.17 3.88 3.80

23 Piece PVC Shrink Assortment

24142

GC/Thorsen heat shrink PVC tubing in 7 assorted sizes from .062"-.125". Shrinks to 50% of its size. 23 pieces. 6" each. Black *23 pcs: .062"-.125"

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Color Type	temp. Range	Dia. Before Shrink (In.) Shrink Ratio	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
24142 1 PACK	GC/Waldom 12-1080 90 days	Black PVC	250 deg. F	*7 sizes .062" to .125" 50%	4.50 0.09 0.04	4.17 3.88 3.80

30 Pc Polyolefin Assortment

31100

3M polyolefin heat shrink tubing in 5 assorted sizes from 13/ 64"-3/16". Shrinks 50% of its size. 6pcs each 6" long of each of sizes.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Color Type	temp. Range	Dia. Before Shrink (In.) Shrink Ratio	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
31100 1 EACH	3M Products FP-301 90 days	Black Polyolefin	250 deg. F	*5 sizes .062" to .125" 50%	9.20 0.09 0.04	9.18 8.91 8.71

133 pc Heat Shrink Assortment

91213

3M polyolefin heat shrink tubing in 6 assorted sizes from 3/32 - 1/2". Shrink 50% of its size. 6" long of each of 6 sizes. 7 colors: White, Green, Blue, Red, Yellow, Black and Clear pieces in each size.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Color Type	temp. Range	Dia. Before Shrink (In.) Shrink Ratio	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
91213 1 EACH	3M Products FP-301 90 days	7 colors Polyolefin	250 F (121 C)	3/32, 1/8, 3/16 1/ 4, 3/8, 1/2 50%	70.90 1.2 0.55	70.89 68.77 67.21

Thicker Wall Adhesive Lined

84263

Coleflex polyolefin multiple wall shrinkable tubing is hot melt adhesive lined to provide a moisture and corrosion resistant seal. Great for connectors, wire splices, breakouts, etc. Shrinks 3:1.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Color Type	temp. Range	Dia. Before Shrink (In.) Shrink Ratio	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
19442 4 FOOT	Wireless Solutions SPCM400 Lifetime	Black Polyolefin	-55 to +110 C	0.4" .150" .150"	19.30 0.25 0.11	13.29 13.10 13.01
71049 4 FOOT	Wireless Solutions SPCM800 Lifetime	Black Polyolefin	-55 to +110 C	0.8" .220" .220"	18.45 0.25 0.11	12.71 12.53 12.44
84263 4 FOOT	Wireless Solutions SPCM110 Lifetime	Black Polyolefin	-55 to +110 C	1.1" .370" .370"	19.45 0.25 0.11	13.41 13.22 13.12

Waterproof-Adhesive Lined Tubing

79974

53546

Coleflex polyolefin multiple wall shrinkable tubing is hot melt adhesive lined to provide a moisture and corrosion resistant seal. Great for connectors, wire splices, breakouts, etc. Shrinks 50%. Comes in 4 ft. (1.23 M) pieces.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Color Type	temp. Range	Dia. Before Shrink (In.) Shrink Ratio	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
41581 4 FOOT	Wireless Solutions ST302-3/16 Lifetime	Black Polyolefin	-55 to +121 C	3/16" (4.7 mm) 50%	4.60 0.1 0.05	3.15 3.11 3.08
79974 4 FOOT	Wireless Solutions ST302-1/4 Lifetime	Black Polyolefin	-55 to +121 C	1/4"(6.35 mm) 50%	5.75 0.1 0.05	3.95 3.89 3.87
28367 4 FOOT	Wireless Solutions ST302-3/8 Lifetime	Black Polyolefin	-55 to +121 C	3/8"(9.52 mm) 50%	6.40 0.1 0.05	4.41 4.35 4.32
66760 4 FOOT	Wireless Solutions ST302-1/2 Lifetime	Black Polyolefin	-55 to +121 C	1/2"(12.7 mm) 50%	7.25 0.1 0.05	4.98 4.91 4.87
15153 4 FOOT	Wireless Solutions ST302-3/4 Lifetime	Black Polyolefin	-55 to +121 C	3/4" 50%	9.60 0.25 0.11	6.63 6.53 6.48
53546 4 FOOT	Wireless Solutions ST302-1 Lifetime	Black Polyolefin	-55 to +121 C	1" (25.4 mm) 50%	14.50 0.25 0.11	9.98 9.84 9.77

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ntinuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Color Type	temp. Range	Dia. Before Shrink (In.) Shrink Ratio	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
91939 FOOT	Wireless Solutions ST302-1-1/2 Lifetime	Black Polyolefin	-55 to +121 C	1-1/2"(38.1 mm) 50%	25.65 1 0.45	17.68 17.42 17.29

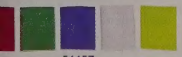
PVC Heat Shrink Tubing

27118

Coleflex PVC heat shrink tubing is resistant to ozone, sunlight, oil, moisture, and fungus. Shrinks 50%. -35 to +105 deg C. Black.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Color Type	temp. Range	Dia. Before Shrink (In.) Shrink Ratio	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
40332 5 FOOT	Wireless Solutions ST100-1/16 Lifetime	Black PVC	-35 to +105 C	1/16" 50%	6.35 0.54 0.25	4.38 4.32 4.28
17067 0 FOOT	Wireless Solutions ST100-3/32 Lifetime	Black PVC	-35 to +105 C	3/32" 50%	17.90 0.64 0.29	12.36 12.18 12.09
68674 0 FOOT	Wireless Solutions ST100-1/16 Lifetime	Black PVC	-35 to +105 C	1/16" 50%	17.20 0.54 0.25	11.84 11.67 11.59
78725 5 FOOT	Wireless Solutions ST100-1/8 Lifetime	Black PVC	-35 to +105 C	1/8" 50%	6.80 0.18 0.08	4.68 4.61 4.58
55460 0 FOOT	Wireless Solutions ST100-1/8 Lifetime	Black PVC	-35 to +105 C	1/8" 50%	18.90 0.72 0.33	13.02 12.84 12.74
27118 5 FOOT	Wireless Solutions ST100-3/16 Lifetime	Black PVC	-35 to +105 C	3/16" 50%	7.20 1.12 0.51	4.94 4.87 4.84
93853 0 FOOT	Wireless Solutions ST100-3/16 Lifetime	Black PVC	-35 to +105 C	3/16" 50%	20.40 1.12 0.51	14.07 13.87 13.77
42246 5 FOOT	Wireless Solutions ST100-1/4 Lifetime	Black PVC	-35 to +105 C	1/4" 50%	7.65 0.5 0.23	5.26 5.19 5.15
80639 5 FOOT	Wireless Solutions ST100-3/8 Lifetime	Black PVC	-35 to +105 C	3/8" 50%	9.90 0.6 0.27	6.84 6.74 6.69
29032 FOOT	Wireless Solutions ST100-1/2 Lifetime	Black PVC	-35 to +105 C	1/2" 50%	11.50 0.8 0.36	7.93 7.82 7.76
25462 EACH	Manhattan CDT/ Coleflex ST100-3/4 Lifetime	Black PVC	-35 to +105 C	3/4" 50%	0.25 0.1 0.05	0.15 0.15 0.15
67425 FOOT	Wireless Solutions ST100-3/4 Lifetime	Black PVC	-35 to +105 C	3/4" 50%	15.65 1.14 0.52	10.78 10.62 10.54

Colored Cable Marker Kits



56657

2" long, color coded heat shrink tubes allow cable installer to identify individual coax runs with the respective antennas on multi-sectored sites. Package of ten.

ntinuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Color Type	temp. Range	Dia. Before Shrink (In.) Shrink Ratio	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
17845 PACK	Wireless Solutions CM-12R-2				4.80 0.4 0.18	4.76 4.68 4.61
81059 PACK	Wireless Solutions CM-12B-2				4.80 0.4 0.18	4.76 4.68 4.61
43024 PACK	Wireless Solutions CM-12Y-2				4.80 0.4 0.18	4.76 4.68 4.61
69452 PACK	Wireless Solutions CM-12G-2				4.80 1 0.45	4.76 4.68 4.61
76764 PACK	Wireless Solutions CM-12BR-2				4.80 0.4 0.18	4.76 4.68 4.61
94631 PACK	Wireless Solutions CM-12W-2				4.80 0.4 0.18	4.76 4.68 4.61

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Color Type	temp. Range	Dia. Before Shrink (In.) Shrink Ratio	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
56657 10 PACK	Wireless Solutions CM-78R-2				4.80 1 0.45	4.76 4.68 4.61
15766 10 PACK	Wireless Solutions CM-78Y-2				4.80 0.4 0.18	4.76 4.68 4.61
43443 10 PACK	Wireless Solutions CM-78G-2				4.80 0.4 0.18	4.76 4.68 4.61
63550 10 PACK	Wireless Solutions CM-78BR-2				4.80 0.4 0.18	4.76 4.68 4.61
80587 10 PACK	Wireless Solutions CM-78W-2				4.80 0.4 0.18	4.76 4.68 4.61
23984 10 PACK	Wireless Solutions CM-158R-2				8.80 0.4 0.18	8.72 8.58 8.45
62377 10 PACK	Wireless Solutions CM-158G-2				8.80 1 0.45	8.72 8.58 8.45
25157 10 PACK	Wireless Solutions CM-158BR-2				8.80 0.4 0.18	8.72 8.58 8.45

Polyolefin Heat Shrink Tubing

81888

Coleflex Polyolefin heat shrinkable tubing. Packaged on spools. Shrinks 50%

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Color Type	temp. Range	Dia. Before Shrink (In.) Shrink Ratio	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
31530 100 FOOT	Wireless Solutions STS221-1/16 BLK Lifetime	Black Polyolefin	-55 to +135 C	1/16" 50%	21.65 0.51 0.23	14.93 14.71 14.60
43495 100 FOOT	Wireless Solutions STS221 -3/32 BK Lifetime	Black Polyolefin	-55 to +135 C	3/32" 50%	21.65 0.64 0.29	14.93 14.71 14.60
56709 100 FOOT	Wireless Solutions STS221 -1/8 BK Lifetime	Black Polyolefin	-55 to +135 C	1/8" 50%	21.65 0.72 0.33	14.93 14.71 14.60
72214 50 FOOT	Wireless Solutions STS221 -3/16 CLR Lifetime	Clear Polyolefin	-55 to +135 C	3/16" 50%	21.65 0.62 0.28	14.93 14.71 14.60
95102 50 FOOT	Wireless Solutions STS221 -3/16 BK Lifetime	Black Polyolefin	-55 to +135 C	3/16" 50%	21.65 0.62 0.28	14.93 14.71 14.60
58193 50 FOOT	Wireless Solutions STS221 -1/4 CL Lifetime	Clear Polyolefin	-55 to +135 C	1/4" 50%	21.65 0.77 0.35	14.93 14.71 14.60
18316 50 FOOT	Wireless Solutions STS221 -1/4 BK Lifetime	Black Polyolefin	-55 to +135 C	1/4" 50%	21.65 0.77 0.35	14.93 14.71 14.60
30281 50 FOOT	Wireless Solutions STS221 -3/8 BK Lifetime	Black Polyolefin	-55 to +135 C	3/8" 50%	21.65 0.84 0.38	14.93 14.71 14.60
58435 50 FOOT	Wireless Solutions STS221 -1/2 CL Lifetime	Clear Polyolefin	-55 to +135 C	1/2" 50%	21.65 1.04 0.47	14.93 14.71 14.60
69923 50 FOOT	Wireless Solutions STS221 -1/2 BK Lifetime	Black Polyolefin	-55 to +135 C	1/2" 50%	21.65 1.04 0.47	14.93 14.71 14.60
81888 25 FOOT	Wireless Solutions STS221 -3/4 BK Lifetime	Black Polyolefin	-55 to +135 C	3/4" 50%	21.65 0.93 0.42	14.93 14.71 14.60

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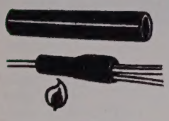
PVC Heat Shrink Tubing



56997

Decibel PVC heat shrink tubing is resistant to ozone, sunlight, oil, moisture, and fungus. Shrinks 50%. -35 to +105 deg C. Black. Package of 4 Two inch pcs.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Color Type	temp. Range	Dia. Before Shrink (In.) Shrink Ratio	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
56997 4 PACK	Decibel Products 11907 One year.	Black PVC	221 deg F	1/2" 50%	12.50 1 0.45	10.00 9.57 9.32
95390 4 PACK	Decibel Products 11908 One year.	Black PVC	221 deg F	7/8" 50%	13.50 0.06 0.03	10.80 10.33 10.06

Thomas&Betts Clear Heat Shrink Tubing

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Color Type	temp. Range	Dia. Before Shrink (In.) Shrink Ratio	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **419361** 2 PACK	Thomas and Betts CHS14B 30 Days	Clear PVC		code 16-10AWG, flex 12-10AWG	275.60 1.12 0.51	254.38 245.01 236.19
NEW **431339** 10 PACK	Thomas and Betts CHS100 30 Days	Clear PVC		code 4/0-300 KCMIL, flex 1/0-4/0AWG	155.50 0.75 0.34	143.51 138.23 133.25
NEW **434396** 2 PACK	Thomas and Betts CHS34B 30 Days	Clear PVC		code 1-3/0AWG, flex 2-1/0AWG	676.00 5.91 2.69	623.95 600.97 579.34
NEW **438324** 10 PACK	Thomas and Betts CHS14 30 Days	Clear PVC		code 16-10AWG, flex 12-10AWG,	275.60 0.22 0.1	254.38 245.01 236.19
NEW **438331** 10 PACK	Thomas and Betts CHS38 30 Days	Clear PVC		code 8-6AWG, flex 8-6AWG	125.85 0.37 0.17	116.15 111.88 107.85
NEW **456332** 2 PACK	Thomas and Betts CHS100B 30 Days	Clear PVC		code 4/0-300 KCMIL, flex 1/0-4/0AWG	391.05 2.99 1.36	360.93 347.64 335.13
NEW **459339** 10 PACK	Thomas and Betts CHS34 30 Days	Clear PVC		code 1-3/0AWG, flex 2-1/0AWG	215.30 1.18 0.54	198.71 191.39 184.50
NEW **462311** 2 PACK	Thomas and Betts CHS12B 30 Days	Clear PVC		code 4-2AWG, flex 6-4AWG,	473.20 2.59 1.18	436.77 420.68 405.54
NEW **475323** 2 PACK	Thomas and Betts CHS18B 30 Days	Clear PVC		code 22-18AWG, flex 16-14AWG	228.80 0.4 0.18	211.19 203.41 196.09
NEW **484383** 2 PACK	Thomas and Betts CHS38B 30 Days	Clear PVC		code 8-6AWG, flex 8-6AWG	395.20 1.87 0.85	364.77 351.34 338.69
NEW **490381** 10 PACK	Thomas and Betts CHS18 30 Days	Clear PVC		code 22-18AWG, flex 16-14AWG,	79.05 0.08 0.04	72.96 70.27 67.74
NEW **491387** 10 PACK	Thomas and Betts CHS12 30 Days	Clear PVC		code 4-2AWG, flex 6-4AWG,	150.80 0.52 0.24	139.19 134.07 129.24

Heat Shrink Guns [620-72]

If you are buying these, you might need:

Coaxial Cable and Transmission Line . . . . . page 368
Heat Shrink Tubing. . . . . page 1736

MASTER Ecoheat Heat Gun

411356 460368

The MASTER Ecoheat is your economical solution, multi-purpose heat gun. It featueres two heat settings of 500 and 1000 Degree F; two fan speeds, low and high; a resettable thermostat; and built-in hand guard.

- Two heat settings: 500∞ & 1000∞ F - Accommodates many automotive and commercial applications
- Two fan speeds - Low & High (7 & 9 CFM)
- Resettable thermostat - Protects element against over heating
- Lightweight - 1 lb. - Easy to hold at any angle for long periods of time, eliminates operator fatigue
- Built-in hand guard - Protects hand and fingers. Recessed switch guards against knocks and bumps
- 3-wire grounded cord set A positive grounding system for user safety
- Thermoplastic case - for high impact durability
- Built-in Stand - Very stable, allows user to set heat gun down in an upright position.
- Use to bend and form plastics, dry body fillers, remove decals, spot dry paint, shrink tubing, packaging and more

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **411356** 1 EACH	MASTER APPLIANCE 10351 1 Year	Ecoheat Heat Gun, 500∞ F (260∞ C) & 1000∞ F (538∞ C),	39.65 3 1.36	33.02 31.08 28.74
NEW **460368** 1 EACH	MASTER APPLIANCE 40060 30 Days	Heat Shrink Nozzle attachment	5.55 0.5 0.23	4.61 4.34 4.01

MASTER Heat Gun. Professional heavy-duty

412391 433345 442389

477387 487333 489395

Professional, heavy-duty, industrial quality, multiple use heat guns with durable die cast housings and adjustable non-slip stand. UL. USA

- High temperature and power ratings: 1000∞F/540∞C at up to 1740 watts, accommodates many industrial and commercial heating applications
- High air flow rating: 23 CFM at 3000 FPM gets the job done fast
- Powerful high speed universal motor
- Sturdy die cast housing
- Adjustable non-slip stand
- Use to bend plastics, cure adhesives, dry parts, heat parts, shrink tubing and packaging, strip paint and more

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **412391** 1 EACH	MASTER APPLIANCE HG-751B 1 Year	Master Heat Gun: 750-1000∞F 400-540∞C 120V 60Hz 14.5A 1740W with stand.	106.65 5 2.27	88.84 83.61 77.32
NEW **420346** 1 EACH	MASTER APPLIANCE HG-501A 1 Year	500-750∞F 260-400∞C 120V 60Hz 14A 1680W	106.65 5 2.27	88.84 83.61 77.32
NEW **433345** 1 EACH	MASTER APPLIANCE A-160-HG 30 Days	Shrink Attachment for tubing up to 3/4" O.D. (For Master & Varitemp Heat Gun Models)	12.85 1 0.45	10.70 10.07 9.31
NEW **442389** 1 EACH	MASTER APPLIANCE 51309 30 Days	Pinpoint attachment, 1/4", (For Master HG-501A & VT-750C Varitemp Models Only)	18.45 1 0.45	15.37 14.47 13.38

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ntinuing product table (2 of 2)

art No. ty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 77387 EACH	MASTER APPLIANCE 30202 30 Days	Solder preform attachment (For Master & Varitemp Heat Gun Models)	16.30 1 0.45	37.00 37.00 37.00
NEW 87333 EACH	MASTER APPLIANCE A-203-HG 30 Days	Extra wide 8" shrink attachment for tubing up to 3/4" O.D. (For Master & Varitemp Heat Gun Models)	40.75 1 0.45	33.92 31.92 29.52
NEW 89395 EACH	MASTER APPLIANCE A-170-HG 30 Days	Shrink Attachment for tubing 3/4" to 2" O.D. (For Master & Varitemp Heat Gun Models)	16.50 1 0.45	13.74 12.93 11.96

ASTER Proheat Varitemp Heat Gun

469333

MASTER Proheat Varitemp Heat Gun System features variable temperature, with an electronic controller that allows you to pre-select and maintain a temperature. UL,CSA

- omplete system includes Proheat Varitemp heat un, bench stand, reducer and specialty connector ttachment
- rgonomic design for superb balance and grip
- ariable temperature with solid state electronic ontroller. Pre-select and maintain any temperature om 126∞F to 803∞F ±10%
- ff-cool-hot switch allows user to cool down heat-g element after use, eliminates residual heat
- 15 CFM air flow
- ESD safe
- Use to install heat-shrinkable tubings, molded parts, solderseal and proseal connectors and more

rt No. y/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 52354 EACH	MASTER APPLIANCE 35017 30 Days	Proheat Heat Shrink attachment	12.40 1 0.45	10.32 9.71 8.98
NEW 59333 EACH	MASTER APPLIANCE PH-1200-1 1 Year	Proheat Varitemp Heat Gun Model PH-1200-1. System includes Proheat Varitemp heat gun, bench stand, reducer and specialty connector attachment. UL-listed USA	166.95 2 0.91	139.04 130.86 121.01
NEW 79369 EACH	MASTER APPLIANCE PH-1200 1 Year	Proheat Varitemp Heat Gun, 126∞ F (52∞ C) to 803∞ F (428∞ C)	142.20 2 0.91	118.44 111.47 103.09

ASTER Proheat Heat Gun

481364

MASTER ProHeat Professional Heat Gun is compact, lightweight and easy-to-use. It features two heat settings, 423 degree F and 803 degree F and is UL-listed. USA

- vo heats: 423∞F/217∞C & 803∞F/428∞C ±10%
- 5 CFM air flow
- ompact, light, easy-to-use design
- Built-in stand
- Multiple attachments available
- Use to activate adhesives, bend plastics, dry filler material,

rt No. y/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 81364 EACH	MASTER APPLIANCE PH-1100 1 Year	Proheat Heat Gun, 423 degree F (217 deg C) & 803 degree F (428 deg. C) +/-10%	81.30 2 0.91	67.70 63.72 58.93

MASTER Varitemp Heat Gun

411318

Professional, heavy-duty, industrial quality, variable temperature, multiple use heat gun

- Lockable variable temperature control allows you to dial-in any temperature from ambient to 1000∞F/540∞C, and lock it in
- 1740 watts of power @ 23 CFM air flow, accommodates many industrial and commercial heating applications and gets the job done fast
- Powerful high speed universal motor
- Sturdy die cast housing
- Sturdy die cast housing
- Use to activate adhesives, defrost frozen coils, heat sensitive material, melt solder, soften plastics and more

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 411318 1 EACH	MASTER APPLIANCE VT-750C 1 Year	Amb. to 1000∞F 540∞C 120V 60Hz 14.5A 1740W	154.30 5 2.27	128.51 120.95 111.85

MASTERflow Heat Blower

457371

Masterflow Heat Blowers. Heavy-duty, industrial quality, continuous duty heat blower. Features brushless induction type motor for quiet continuous duty operation. USA

- 2 models produce 500∞F or 750∞F. High temperatures accommodate many heating, drying & shrinking applications
- High air flow rating - 47 CFM at 2200 FPM means jobs get done fast
- Brushless induction type motor for quiet continuous duty operation
- Rubber backed stand, permits 90∞ non-slip adjustability. Use in any position or mount on equipment
- Comfort balanced handle for carrying or portable use
- Use to bend plastics, dry materials, parts and ink, heat materials, mount over conveyor lines and on machinery and more

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 457371 1 EACH	MASTER APPLIANCE AH-501 1 Year	Masterflow Heat Blower. Heavy-duty, industrial. 500∞F 260∞C 120V 14.0A 1680 W 60 Hz	189.00 8 3.64	157.44 148.18 137.03
NEW 490362 1 EACH	MASTER APPLIANCE AH-751 1 Year	Masterflow Heat Blower. Heavy-duty, industrial heat blower: 750∞F, 2160W@47CFM;120V 18.0A 2160 W 60 Hz	189.00 8 3.64	157.44 148.18 137.03

MASTER-Mite Heat Gun

433321

A complete bench-top heating system. Master-Mite Heat Gun. System includes 650∞F heating element, adjustable stand & heat shrink attachment. Heat & air flow @ 3.8CFM. UL, CSA.

- Complete system comes standard with 650∞F heating element, adjustable stand and heat shrink attachment
- Ideal heat & air flow (3.8 CFM), performs benchtop heating jobs without excess air flow, wonøt blow components around work station
- Quiet running motor, eliminates noisy production areas
- 3 optional easy-to-change plug-in heating elements available: 500∞, 650∞ & 800∞F
- Use to activate adhesive, cure epoxies, dry components, melt solder preforms, remove decals, shrink tubing and more

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 433321 1 EACH	MASTER APPLIANCE 10008 1 Year	Master-Mite Heat Gun Complete system comes standard with 650∞F heating element, adjustable stand and heat shrink attachment. 120V, 60HZ, 4.5AMPS, 475Watts	78.40 3 1.36	65.28 61.44 56.82

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MASTER-Mite ESD Heat Gun

429382

Master-Mite ESD Heat Gun features a conductive housing that will not build up or hold a static charge and ESD Housing surface conductivity of 500ohms/sq. The gun features a 800 degree F heating element. UL-Listed. USA

- Comes standard with black 800∞F/427∞C heating element, shrink attachment and adjustable stand
- Housing surface conductivity 500 ohms/square. Conductive housing will not build up or hold a static charge
- Housing helps to shield against EMI & RFI (electro-magnetic & radio frequency interference)
- A totally grounded system
- A long life, quiet running, maintenance free shaded pole motor
- Low velocity air will not blow components around the workstation
- 3 optional interchangeable plug-in heating elements available

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	MASTER APPLI-	Housing surface conductivity 500 ohms/square. 120V,	126.10	105.04
429382	ANCE	60HZ 4.5AMPS	3	98.86
1 EACH	10012		1.36	91.42
	1 Year			

Dual Temperature Heat Gun

28969

2 switchable heat ranges, 790 or 1200 degrees. Hottest gun in the Unger line. Works fast and efficiently.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
28969	Ungar	Dual Temperature Heat Gun	69.20	62.25
1 EACH	1095		2	60.87
	1 yr		0.91	59.48

Variable Temperature Gun

40136

Variable temperature from 250F - 1100F, thermocouple control maintains precise temperature, ceramic core protects the heating element.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
40136	Makita U.S.A., Inc.	Variable Temperature Heat Gun	115.00	101.43
1 EACH	HG1100		2.41	95.80
	1 yr		1.1	90.74

Three Temperature Heat Gun

40934

3 position switch. Range- 750 to 800 degrees F. Lightest industrial heat gun available. Includes 3 reflectors and a reducing baffle.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
40934	Ungar	Three Temperature Heat Gun	169.10	152.18
1 EACH	6966C		1.79	148.79
	1 yr		0.81	145.41

Nozzles for Heat Guns

41939 72081 20474

Optional nozzels for heat guns. Deflection nozzels are useful for heat shrink applicaitons. The spreader nozzel heats a wide area.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
41939	Ungar	Deflection Nozzle (1/2" wide) for use with Ungar	3.00	2.67
1 EACH	6956	6966C heat gun	0.1	2.61
	30 days		0.05	2.55
72081	Makita U.S.A., Inc.	Large reflector nozzle For use with Makita HG 1100	16.40	14.46
1 EACH	110730-A	heat gun	1	13.66
	30 days		0.45	12.94
20474	Makita U.S.A., Inc.	3/8" reduction nozzle For use with Makita HG 1100	8.20	7.24
1 EACH	110706-A	heat gun	0.1	6.84
	30 days		0.05	6.47
NEW	Makita U.S.A., Inc.	PVC Plastic Welding Rod	9.00	7.92
428359	110731-A		0.5	7.48
1 EACH	30 days		0.23	7.08
NEW	Makita U.S.A., Inc.	ABS Plastic Welding Rod	12.95	11.42
481306	110742-A		0.5	10.78
1 EACH	30 days		0.23	10.21

Heat Shrink Torch

417178

Converts a regular butane lighter to a mini-torch. Perfect for heat shrink applications. Very small so it takes up little room in your tool kit. Applies a pin-point flame.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	Wireless Solutions	Micro Jet" Butane Torch . Instant 2500 degree flame.	22.00	16.06
417178	J-300	Uses ordinary cigarette lighter as fuel.	0.32	15.84
1 EACH	30 Days		0.15	15.62

MASTER 3 in 1 Self-Igniting Triggertorch

448362

A professional, hand held or table top, butane-powered, self-igniting trigger torch, soldering iron and flameless heat tool. Meets CPSC Requirements.

- MT-76 Includes soldering iron and heat tip for soldering up to 752∞F/400∞C and heating up to 932∞F/500∞C.
- Gas adjustment wheel provides adjustable long blue torch flame with temperatures up to 2,500∞F/1300∞C.
- Incorporates "trigger" switch with "pulldown" lock to meet Consumer Products Safety Commission (CPSC) Child Safety Requirements.
- Incorporates a "hands free" slide lock for continuous use and instant off operation.
- Unique shutter lever extinguishes ignition flame before using soldering or heat tip to prevent overheating.
- Ergonomic handle design ensures a non-slip grip. Removable base for table top or hand held use.
- Unit is shipped without fuel. Use with Master Ultra-tane/Æ Butane for best performance.
- Use to heat parts, ignite materials, melt plastic, pin-point torch, shrink tubing, solder & desolder, terminate specialty connectors and more.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW	MASTER APPLI-	Triggertorch - table top, w/Solder & Heat Tip	46.45	38.70
448362	ANCE		1	36.42
1 EACH	MT-76		0.45	33.68
	1 Year			

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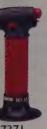
ASTER Microtorch Model MT-51



A hand-held or table-top butane-powered microtorch

7371

lt-in self-igniting system with safety lock that sures the switch is not turned on when not in use
lt-in "refillable" plastic fuel tank

de, stable base is perfect for hands-free use

nperature up to 2500∞F/1300∞C

- 2-hour continuous run time for perfect continuous heat applications
- Adjustable flame that will produce a broad or pin-point flame
- Meets Consumer Products Safety Commission (CPSC) Child Safety Requirements
- Use to heat materials, ignite materials, pinpoint torch, shrink tubing, solder and desolder, terminate specialty connectors and more

t No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 7371 ACH	MASTER APPLI-ANCE MT-51 1 Year	Microtorch Model MT-51. A hand held or table top butane-powered microtorch. Meets CPSC Requirements	26.85 1 0.45	22.35 21.03 19.45

ASTER Proheat Bench Stand

438392

t No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 392 ACH	MASTER APPLI-ANCE 35216 1 Year	Proheat Bench Stand	11.30 1 0.45	9.39 8.84 8.18

ASTER Proseal Connector Kit

Complete "Crimp-and-Heat-Seal" Type Connector Kits. Use on the Bench Top, store in your roller cabinet, or place in the bottom of your field service kit.

442371

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 371 ACH	MASTER APPLI-ANCE 10719 1 Year	Proseal Connector Kit. Features "crimp and heat seal" type connectors. Kit contains: UT-100SI UltraTorch, Crimp Tool & 75 asst. connectors packed in a plastic case.	190.30 2 0.91	158.50 149.18 137.95
EW 358 ACH	MASTER APPLI-ANCE 10600 30 Days	Proseal Connector Kit Model 10600. Features "crimp and heat seal" type connectors. Kit contains 115 assorted connectors packed in a storage case.	62.75 1 0.45	52.26 49.18 45.48

ASTER Solderseal Connector Kit Model

Complete Kits of "Solder and Heat Seal" Type Connectors

452383

nuing product table (1 of 2)

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 383 ACH	MASTER APPLI-ANCE 10725 1 Year	Solderseal Connector Kit Model 10725. Features "solder and heat seal" type connectors & contains 12 items, 80 assorted connectors. Comes with UT-100Si Ultra-torch heat tool.	198.20 2 0.91	165.09 155.38 143.69

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 461352 1 EACH	MASTER APPLI-ANCE 10724 30 Days	Solderseal Connector Kit Model 10724. Features "solder and heat seal" type connectors. Kit contains 25 items, 135 assorted connectors.	102.20 1 0.45	85.12 80.11 74.09

MASTER Triggertorch Kit Model MT-76K

A professional quality, hand held or table top, butane-powered, self-igniting trigger torch, soldering iron and flameless heat tool with temperatures to 2500 degree F. Meets SPSC Requirements..

442386

- MT-76 Includes soldering iron and heat tip for soldering up to 752∞F/400∞C and heating up to 932∞F/500∞C.
- Kit includes triggertorch, removable stand, 5ø wire cutter, 5ø needle nose pliers, solder tip, heat tip, shrink attachment,
- Gas adjustment wheel provides adjustable long blue torch flame with temperatures up to 2,500∞F/1300∞C.
- Incorporates "trigger" switch with "pulldown" lock to meet Consumer Products Safety Commission (CPSC) Child Safety Requirements.
- Incorporates "trigger" switch with "pulldown" lock to meet Consumer Products Safety Commission (CPSC) Child Safety Requirements.
- Incorporates a "hands free" slide lock for continuous use and instant off operation.
- Unique shutter lever extinguishes ignition flame before using soldering or heat tip to prevent overheating.
- Ergonomic handle design ensures a non-slip grip. Removable base for table top or hand held use.
- Unit is shipped without fuel. Use with Master UltratanaÆ Butane for best performance.
- Use to heat parts, ignite materials, melt plastic, pinpoint torch, shrink tubing, solder & desolder, terminate specialty connectors and more.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 442386 1 EACH	MASTER APPLI-ANCE MT-76K 1 Year	Triggertorch MT-76K Kit includes triggertorch,tools, tips solder, sponge & stand.	64.40 4 1.82	53.62 50.46 46.67

Tape, Electrical, and Cold Shrink [640-10]

Temflex Economy Electrical Tape

Temflex from 3M is a very competitively priced tape that keeps the 3M quality. General purpose vinyl electrical tape with high wet dielectric strength.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Roll Size, Thickness Temp.	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
75487 1 EACH	3M Products 1700 TEMFLEX 1 yr	Vinyl plastic electrical tape 3/4"x60' 7.5 mil High temperatures 0-176 deg. F	0.85 0.18 0.08	0.85 0.83 0.81
19257 10 PACK	3M Products 1700 TEMFLEX 1 yr	Vinyl plastic electrical tape 3/4"x60' 7.5 mil High temperatures 0-176 deg. F	8.55 1.8 0.82	6.15 6.13 6.08

Tapes

21880 73487 98666 83425 35094

31818

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Roll Size, Thickness Temp.	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
21880 1 EACH	Wireless Solutions MT-465-1 90 Days	Electrical Tape, Black 2" x 20'	2.75 0.28 0.13	2.73 2.69 2.64

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Roll Size, Thickness Temp.	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
60273 1 EACH	Wireless Solutions MT-469-2 90 Days	Mastic Tape 3-3/4" x 2'	3.50 1 0.45	3.47 3.42 3.36
73487 1 EACH	Wireless Solutions MT-465 90 Days	Electrical Tape, Black 2" X 66'	3.50 0.28 0.13	3.47 3.42 3.36
98666 1 EACH	Wireless Solutions MT-2228 90 Days	Vinyl-backed mastic tape 2" x 3'	6.00 0.28 0.13	5.94 5.85 5.76
83586 1 EACH	Universal Fit Products FT-3430 90 Days	Fusion tape. Bonds to itself to provide a waterproof seal. 3/4" x 30' roll.	8.00 0.27 0.12	8.00 7.76 7.59
31979 10 PACK	Universal Fit Products FT3430-B 90 Days	Fusion tape. Bonds to itself to provide a waterproof seal. 3/4" x 30'	63.00 2.72 1.24	45.30 45.11 44.80
83425 1 EACH	Decibel Products DB11901 90 Days	1/2" filament tape. 1/2" x 60 yrd	22.00 0.5 0.23	16.61 16.28 15.95
35094 1 EACH	Wireless Solutions MT-464 90 Days	Electrical Tape, Black 3/4" X 44'	2.75 0.28 0.13	2.73 2.69 2.64
31818 1 EACH	Decibel Products DB11902 90 Days	3/4" aluminum tape 3/4" x 60 yds	44.00 1 0.45	35.20 33.66 32.78

Super 33+ Vinyl Electrical Tape

21263

Super 33+ is suitable for hot and cold temperatures. It has an agressive pressure-sensitive, rubber based adhesive that's compatible with cable insulations and splicing compounds. Resists UV rays, abrasions, alkalies and acids. Flame Retardant.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Roll Size, Thickness Temp.	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
21263 1 EACH	3M Products SUPER 33+ 1 yr	Vinyl plastic electrical tape 3/4"x66' 7 mil Can be applied from 0 - 220 deg. F	4.55 0.28 0.13	4.55 4.42 4.32
59656 10 PACK	3M Products SUPER 33+ 1 yr	Vinyl plastic electrical tape 3/4"x66' 7 mil Can be applied from 0-220 deg. F	45.45 2.5 1.14	32.68 32.55 32.32
96737 10 PACK	3M Products 33+ 1 yr	Vinyl plastic electrical tape. 1.5"x44' 7 mil Can be applied from 0-176 deg. F	63.65 3.05 1.39	45.76 45.57 45.25
79782 1 PACK	3M Products 33+ 1 yr	Vinyl plastic electrical tape. 1.5" x 44' 7 mil Can be applied from 0-176 deg. F	6.05 0.3 0.14	6.04 5.86 5.73

Super 88 Heavy Duty Vinyl Tape

58407

Super 88 is a thicker more durable electrical tape. It grabs and sticks in all kinds of weather and provides moisture tight electrical protection with fewer turns than lighter weight tapes. Flexible PVC backing with agressive rubber-based adhesive. Compatible with insulations and splicing compounds. Resists UV.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Roll Size, Thickness Temp.	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
58407 1 EACH	3M Products SUPER 88 1 yr	Vinyl plastic electrical tape 3/4"x66' 8.5 mil Use for extreme 0-220 deg. F	5.15 0.32 0.15	3.69 3.68 3.65
63199 4 PACK	3M Products SUPER 88 1 yr	Vinyl plastic electrical tape 3/4"x66' 8.5 mil Use for extreme 0-220 deg. F	20.65 2 0.91	20.61 20.00 19.54
45193 10 PACK	3M Products SUPER 88 1 yr	Vinyl plastic electrical tape 3/4"x66' 8.5 mil Extreme temperatures0-220 deg. F	51.30 2.9 1.32	36.87 36.71 36.46
430038 5 PACK	3M Products 88T 1 yr	Vinyl plastic electrical tape 1 1/2" x 44' 8.5 mil Extreme temperatures0-220 deg. F	14.45 1.65 0.75	10.39 10.35 10.28
96800 1 EACH	3M Products 88 2"X36YD 1 yr	Vinyl plastic electrical tape 2"x108' 8.5 mil Use for extreme 0-220 deg. F	22.40 1.09 0.5	16.11 16.04 15.93

Color Code Tape Assortment Pack

87157

Similar properties to Super 33+. Fade resistant colors and excellent elongation, flexibility and strength make it easy to handle. Aggressive pressure-sensitive adhesive. Resists weather, abrasion, corrosion, alkalies and acids. Flame retardant. 5 roll pack includes Blue, Green, Red, Yellow and White tapes.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Roll Size, Thickness Temp.	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
87157 1 EACH	3M Products 35 ASSORTED 1 yr	PVC Tape, 5 roll assortment pack. 1/2"x20' 7 mil	6.05 0.25 0.11	6.02 5.84 5.71

Color Code Tapes

25583 38797 52011 63976 77190 90404

36535

Similar properties to Super 33+. Fade resistant colors and excellent elongation, flexibility and strength make it easy to handle. Aggressive pressure-sensitive adhesive. Resists weather, abrasion, corrosion, alkalies and acids. Flame retardant.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Roll Size, Thickness Temp.	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
25583 1 EACH	Wireless Solutions CM-TW 90 Days	Colored electrical tape. White. 3/4" x 66'	4.75 0.2 0.09	4.71 4.64 4.56
NEW 34343 1 EACH	3M Products 35 BROWN 1 yr	Brown Electrical Tape 3/4" x 66' 7 mil	4.25 0.24 0.11	4.22 4.10 4.01
38797 1 EACH	Wireless Solutions CM-TG 90 Days	Colored electrical tape. Green. 3/4" x 66'	4.75 0.1 0.05	4.71 4.64 4.56
52011 1 EACH	Wireless Solutions CM-TB 90 Days	Colored electrical tape. Blue. 3/4" x 66'	4.75 0.28 0.13	4.71 4.64 4.56
NEW 56252 1 EACH	3M Products 35 GRAY 30 days	PVC Tape, Gray 3/4"x66' 7mil	4.25 0.25 0.11	4.22 4.10 4.01
63976 1 EACH	Wireless Solutions CM-TY 90 Days	Colored electrical tape. Yellow. 3/4" x 66'	4.75 0.1 0.05	4.71 4.64 4.56
77190 1 EACH	Wireless Solutions CM-TR 90 Days	Colored electrical tape. Red. 3/4" x 66'	4.75 0.2 0.09	4.71 4.64 4.56
90404 1 EACH	Wireless Solutions CM-TBR 90 Days	Colored electrical tape. Brown. 3/4" x 66'	4.75 0.2 0.09	4.71 4.64 4.56
36535 1 EACH	3M Products 35 BLUE 1 yr	PVC Tape Blue 3/4"x66' 7 mil	4.25 0.25 0.11	4.22 4.10 4.01
23321 1 EACH	3M Products 35 GREEN 1 yr	PVC Tape Green 3/4"x66' 7 mil	4.25 0.25 0.11	4.22 4.10 4.01
61714 1 EACH	3M Products 35 ORANGE 1 yr	PVC Tape Orange 3/4"x66' 7 mil	4.25 0.24 0.11	4.22 4.10 4.01
49749 1 EACH	3M Products 35 RED 1 yr	PVC Tape Red 3/4"x66' 7 mil	4.25 0.25 0.11	4.22 4.10 4.01
47566 1 EACH	3M Products 35 VIOLET 1 yr	PVC Tape Violet 3/4"x66' 7 mil	4.25 0.24 0.11	4.22 4.10 4.01
74928 1 EACH	3M Products 35 WHITE 1 yr	PVC Tape White 3/4"x66' 7 mil	4.25 0.25 0.11	4.22 4.10 4.01
88142 1 EACH	3M Products 35 YELLOW 1 yr	PVC Tape Yellow 3/4"x66' 7 mil	4.25 0.25 0.11	4.22 4.10 4.01

TESSCO TECHNOLOGIES

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Double Sided Foam Tape

62612

Designed for general purpose mounting and joining. Their high degree of conformability makes them well suited for joining rough, mis-matched surfaces and the closed-cell foam makes an excellent water and air seal.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Roll Size, Thickness Temp.	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
1005 FOOT	3M Products 4416 1 yr	Double Sided closed cell. Black. 1"x36yd 1/16" Can be applied from smooth surfaces	59.15 1 0.45	59.11 57.34 56.04
6263 PACK	3M Products 4416 2" BLACK 1 yr	Double Sided closed cell. Black. 2"x36yd 1/16" Can be applied from smooth surfaces	118.20 1 0.45	118.20 114.66 112.06
2612 FOOT	3M Products 4408 1 yr	Double Sided closed cell. 1"x36yd 1/8" Can be applied from for rough surfaces	77.10 1 0.45	77.07 74.76 73.07

Sealing Tape

18122

B184 Sealing Tape is an easy to apply "permagum" weatherproof sealant is made of a gum consistancy material that is positioned on wall or flange areas of Waveguide Entries before installation. Packaged between removable paper covering & is 1" wide x 40' long.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Roll Size, Thickness Temp.	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
18122 EACH	Microflect/Valmont B184 2 Years	Sealing Tape	6.00 3 1.36	5.91 5.88 5.85

Rubber Splicing Tape

73783

Linerless rubber splicing tape provides high voltage insulating. Thermally conductive and self-bonding. Primary electrical insulation for splicing all solid dielectric cables through 69kV.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Roll Size, Thickness Temp.	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
2460 EACH	3M Products 130C 90 Days	3M Linerless Rubber Splicing Tape. 1" x 30' roll size. 1" x 30' roll	12.90 0.6 0.27	9.27 9.23 9.17
2431 EACH	3M Products 130C 1-1/2"X30' 90 Days	3M Linerless rubber splicing tape. 1-1/2"x30' roll size, 1-1/2"x30' roll size,	12.15 1 0.45	8.72 8.68 8.62
2783 PACK	3M Products 130C 1-1/2"X30' 90 Days	3M Linerless Rubber Splicing Tape. 1-1/2"x30' roll size, 12pk 1-1/2"x30' roll size	235.20 0.9 0.41	169.11 168.41 167.23
2276 EACH	CommScope, Inc. MT 5 Years	COMMSCOPE Miracle Tape. 15' roll. 15'	22.00 0.45 0.2	17.60 17.16 16.50

Color Coded Heat Shrink Tubing

84427

Color coded heat shrink tubing. Makes identifing individual runs of cable easier. Apply same color to top and bottom of run.

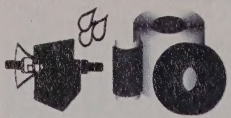
Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Roll Size, Thickness Temp.	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
2213 FOOT	Wireless Solutions CM-78B 5 Years	For identification marking on 1/2" and 7/8" size cables. BLUE 100'	180.00 1 0.45	178.20 175.50 172.80

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Roll Size, Thickness Temp.	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
84427 100 FOOT	Wireless Solutions CM-78G 5 Years	For identification marking on 1/2" and 7/8" size cables. GREEN 100 Foot	180.00 1 0.45	178.20 175.50 172.80
19606 100 FOOT	Wireless Solutions CM-78R 5 years	For identification marking on 1/2" and 7/8" size cables. RED 100'	180.00 1 0.45	178.20 175.50 172.80
57999 100 FOOT	Wireless Solutions CM-78W 5 Years	For identification marking on 1/2" and 7/8" size cables. WHITE 100'	180.00 1 0.45	178.20 175.50 172.80
44785 100 FOOT	Wireless Solutions CM-78Y 5 Years	For identification marking on 1/2" and 7/8" size cables. YELLOW 100'	180.00 1 0.45	178.20 175.50 172.80

Butyl Mastic Tapes



91444 16121

Waterproofing all-weather sealant tapes and wraps. Vinyl of PVC backed

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Roll Size, Thickness Temp.	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
91444 15 PACK	Decibel Products 11317 90 Days	DECIBEL vapor wrap connector sealant.	61.00 1 0.45	48.80 46.67 45.45
16121 1 EACH	CommScope, Inc. UWK 90 Days	COMMSCOPE Universal Weatherproofing Kit includes a roll of butyl rubber tape with a vinyl backing.	18.80 0.44 0.2	15.04 14.67 14.10
53051 50 FOOT	Decibel Products 11316 90 Days	Vapor Wrap sealant. 3" x 50 ft roll	83.00 4.5 2.05	66.40 63.50 61.84
30347 1 EACH	3M Products 2210 1 Year	Self fusing, rubber-based compound, laminated to all-weather vinyl (PVC) backing. 4"W x 10'L 0.90 Mil	42.25 2.5 1.14	42.25 40.99 40.06

Weatherproofing Tape Kit

97641 18264

Weatherproofing tape kit flawlessly seals the junction between two connectors. It not only protectes junction from water damage, but also prevents vibration from loosening the interface. Can be applied to three 1-5/8" to 1/2" junctions or three 1-1/4"to 1/2" junctions or seven 7/8" to 1/2" junctions. Includes complete instructions.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Roll Size, Thickness Temp.	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
97641 1 EACH	Wireless Solutions WK-2 3 Years	Weatherproofing kit. Consists of one 3/4" x 44" roll of electrical tape and one 2" x 36" roll of vinyl backed butyl mastic tape.	8.00 1 0.45	7.92 7.80 7.68
18264 1 EACH	Wireless Solutions WK-U 3 Years	5 rolls 3-3/4" x 2" Butyl tape, 2 rolls 3/4" x 44' electrical tape and one roll 2" x 20' electrical tape.	16.90 4.8 2.18	16.74 16.48 16.23
NEW 466157 1 PACK	Wireless Solutions WK-UL 3 Years	WIRELESS SOLUTIONS Universal (Large Vs) Weatherproofing Kit. Consists of 5 rolls 3-3/4"" x 2' butyl, three 3/4" x 44' electrical & three 2" X 20' electrical tape	25.50 4.8 2.18	25.25 24.87 24.48
19333 1 EACH	RFS Cablewave 916132 1 Year	RFS weatherproofing kit. One kit will cover twelve 1/4'-1/2", eight 7/8", six 1-1/4", two 1-5/8" or one 3"-5" connectors or splices.	33.50 1 0.45	23.78 22.10 20.43
488136 1 EACH	Andrew Corporation 221213 10 Years	ANDREW Connector/Splice Weatherproofing Kit. 6 rolls of 3" x 24" butyl tape, 2 rolls of 3/4" x 66' black electrical tape & 1 roll 2" x 20' black elec tape.	33.50 3.2 1.45	24.28 22.60 20.93

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Cold Shrink Weatherproofing Kit

18712

The cold shrink kit, manufactured by 3M, provides an easily-installed solution to your waterproofing needs. Simply slip the cold-shrink tube over a cable connection, pull out it's plastic support coil and it instantly squeezes into a tight, form fitting sleeve that stops water migration cold, and prevents connector vibration from loosening the interface.

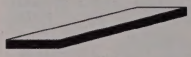
Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Roll Size, Thickness Temp.	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
95040 1 EACH	Times Microwave CS-4060T 30 days	Cold shrink for LMR-400 and LMR-600 . Use to weatherproof the connection at the base of an antenna, or base station. 4" piece with mastic tape.	15.00 0.97 0.44	11.70 11.40 11.10
18712 1 EACH	RFS Cablewave 915932 1 Year	1/2" cable to 1/2" cable with type N connectors. Fits both standard and superflexible cables.	18.95 0.6 0.27	13.43 12.49 11.54
NEW 431129 1 EACH	Wireless Solutions CS-U1212 3 Years	1/2" cable to 1/2" cable with type N connectors. Fits both standard and superflexible cables.	14.50 0.16 0.07	14.36 14.14 13.92
83998 1 EACH	CommScope, Inc. 540CS 5 Years	1/2" cable to 1/2" cable with type N connectors. Fits both standard and superflexible cables. Installs in less than three minutes.	19.50 0.2 0.09	15.60 15.21 14.63
95498 1 EACH	RFS Cablewave 915934 1 Year	1/2" cable to antenna with type N connectors. Fits standard and superflexible cables.	14.70 0.14 0.06	10.44 9.71 8.97
82284 1 EACH	RFS Cablewave 915949 1 Year	1/2" standard cable to antenna with 7/16 DIN connectors. Does not fit superflexible cables.	26.00 0.4 0.18	18.46 17.16 15.86
30677 1 EACH	RFS Cablewave 915950 1 Year	1/2" superflexible cable to antenna with 7/16 DIN connectors. Does not fit standard cables.	27.30 0.6 0.27	19.39 18.02 16.66
NEW 448122 1 EACH	Wireless Solutions WCS-A900T 3 Years	LMR900 with connector to antenna interface	13.00 0.97 0.44	12.87 12.68 12.48
55856 1 EACH	RFS Cablewave 915933 1 Year	7/8" cable to 1/2" cable with type N connectors. Fits both standard and superflexible cables.	38.00 0.5 0.23	26.98 25.08 23.18
39758 1 EACH	CommScope, Inc. 1070-CS 5 Years	7/8" Cell Reach to 7/8" Cell Reach cable. For both N and DIN connectors.	29.50 0.8 0.36	23.60 23.01 22.13
45605 1 EACH	CommScope, Inc. 1070-540CS 5 Years	7/8" cable to 1/2" foam cable, or 7/8"to 7/8" cable. For both N and DIN connections.	49.50 0.8 0.36	39.60 38.61 37.13
NEW 456186 1 EACH	Wireless Solutions CS-U1278 3 Years	7/8" cable to 1/2" foam cable, or 7/8"to 7/8" cable. For both N and DIN connections.	21.00 0.92 0.42	20.79 20.48 20.16
94249 1 EACH	RFS Cablewave 915943 1 Year	7/8" cable to 1/2" cable with DIN connectors. Fits only standard (non-superflexible) cables.	38.00 0.6 0.27	26.98 25.08 23.18
42642 1 EACH	RFS Cablewave 915945 1 Year	7/8" cable to 1/2" superflexible cablewith DIN connectors. Does not fit standard 1/2" cable.	38.00 1 0.45	26.98 25.08 23.18
81035 1 EACH	RFS Cablewave 915937 1 Year	7/8" cable to 7/8" cable with N or DINconnectors.	23.10 0.6 0.27	16.41 15.25 14.10
29428 1 EACH	RFS Cablewave 915948 1 Year	7/8" cable to antenna with type N or 7/16 DIN connectors.	16.80 0.6 0.27	11.93 11.09 10.25
67821 1 EACH	RFS Cablewave 915951 1 Year	7/8" cable to lightning arrestor with type N connectors	38.00 1 0.45	26.98 25.08 23.18
16214 1 EACH	RFS Cablewave 915935 1 Year	1-1/4" or 1-5/8" cable to 1/2" cable with type N connectors. Fits both standard and superflexible cables.	38.00 0.6 0.27	26.98 25.08 23.18
NEW 463136 1 EACH	Wireless Solutions CS-U12158 3 Years	1-1/4" or 1-5/8" cable to 1/2" foam cable. Also seals 1-1/4" and 1-5/8" splices. Use with N or DIN connectors.	23.00 1 0.45	22.77 22.43 22.08
54607 1 EACH	RFS Cablewave 915944 1 Year	1-1/4" or 1-5/8" cable to 1/2" cable with DIN connectors. Fits only standard (non-superflexible) cables.	39.90 0.6 0.27	28.33 26.34 24.34

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Roll Size, Thickness Temp.	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
79786 1 EACH	RFS Cablewave 915946 1 Year	1-1/4" or 1-5/8" cable to 1/2" superflexible cables with DIN connectors. Does not fit standard 1/2"	38.00 0.6 0.27	26.98 25.08 23.18
28179 1 EACH	RFS Cablewave 915947 1 Year	1-1/4" or 1-5/8" cable to 7/8" cable with N or DIN connectors	39.90 1 0.45	28.33 26.34 24.34
66572 1 EACH	RFS Cablewave 915936 1 Year	1-1/4" or 1-5/8" to 1-1/4" with N or 7/16 DIN connectors	29.40 0.6 0.27	20.88 19.41 17.94

Coax Sealing Tape

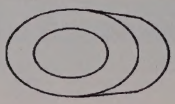


61312

Small coax can be sealed at the boot by wrapping it with sealing tape. Use this pliable mastic tape to make a perfect seal between the boot and coax surface.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Roll Size, Thickness Temp.	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
61312 1 EACH	Microflect/Valmont B299 2 Years	Small coax can be sealed at the boot by wrapping it with sealing tape. The tape is a pliable mastic, 1/8" thick, 2 1/2" wide and 12" long. It's adhesive qualities make a perfect seal between the boot and coax surface. 1/8" thick, 2 1/2" wide and 12" long. 1/8" thick	6.00 0.3 0.14	5.91 5.88 5.85

Heavy Duty Cloth Duct Tape



65293

Heavy duty cloth duct tape. Useful for many taping applications. Available in silver or black.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Roll Size, Thickness Temp.	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 490350 1 EACH	3M Products 6969 30 days	Cloth Duct Tape Silver 2"x60yd	9.80 0.75 0.34	9.78 9.49 9.28
65293 1 EACH	3M Products 6969 30 days	Cloth Duct Tape Silver 2"x60yd	9.80 0.75 0.34	9.78 9.49 9.28
74998 1 EACH	3M Products 6969 30 days	Cloth Duct Tape Black 2"x60yd	9.80 0.75 0.34	9.78 9.49 9.28

Hook And Loop Fasteners [640-11]

If you are buying these, you might need:

Braided Coaxial Cables . . . . . page 394

VELCRO (R) Brand Hook and Loop

42890

Adhesive backed hook and loop fastener for many applications

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Width, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
11847 75 FOOT	Velcro USA Inc. 193973 1 yr	Heavy Duty arrow hook. Perfect for fastening to auto carpet, therefore there is no need to match with any "loop". 1" Black	44.25 1.5 0.68	40.69 40.24 39.36
18072 30 FOOT	Velcro USA Inc. 191394 1 yr	Peel and stick adhesive backed. Use with loop. 1" Black	14.45 0.6 0.27	13.26 13.12 12.83
25061 75 FOOT	Velcro USA Inc. 190984 1 yr	Peel and stick adhesive backed. Use with hook. 1" Black	36.05 1.2 0.55	33.14 32.78 32.06

NEW = New Listing. Pricing for reference only. See TESSCO.com for latest pricing and product
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tinuing product table (2 of 2)

art No. /Uom	Manufacturer Mfg. P/N Warranty	Description Width, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
8275 FOOT	Velcro USA Inc. 191023 1 yr	Peel and stick adhesive backed. Use with loop. 1" Black	36.05 1.1 0.5	33.14 32.78 32.06
2890 FOOT	Velcro USA Inc. 254889 1 yr	Contains both hook and loop. Peel and stick adhesive back on loop. 3/4" Black	3.90 0.08 0.04	3.59 3.55 3.48
3251 FOOT	Velcro USA Inc. 176275 1 yr	Peel and stick adhesive backed. Use with hook. 2" Black	28.45 2.5 1.14	26.14 25.86 25.29
3454 FOOT	Velcro USA Inc. 191195 1 yr	Peel and stick adhesive backed. Use with hook. 2" Black	71.05 1.95 0.89	65.34 64.63 63.21
6668 FOOT	Velcro USA Inc. 191222 1 yr	Peel and stick adhesive backed. Use with loop. 2" Black	71.05 1.91 0.87	65.34 64.63 63.21
1644 FOOT	Velcro USA Inc. 188524 1 yr	Peel and stick adhesive backed. Use with loop. 2" Black	28.45 0.02 0.01	26.14 25.86 25.29
4858 FOOT	Velcro USA Inc. 191390 1 yr	Peel and stick adhesive backed. Use with hook. 1" Black	14.45 0.65 0.3	13.26 13.12 12.83

M Hook and Loop Fastener

Adhesive backed hook and loop fastener. Spool contains Both Hook and Loop.

rt No. /Uom	Manufacturer Mfg. P/N Warranty	Description Width, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
7086 FOOT	3M Products MP-3526/27 BLK 1 yr	Peel and stick adhesive backed. Contains both hook and loop. 1" Black	32.45 0.6 0.27	32.42 31.45 30.74

Dual Lock Fastener

Dual lock adheres to itself so there is no need for two spools. Utilizes pressure sensitive VHB adhesive. Closes with an audible snap. Pack incl. 2ea 4.9yd rolls

68733

rt No. /Uom	Manufacturer Mfg. P/N Warranty	Description Width, Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
8733 EACH	3M Products MP-3551/52 30 days	Self-adhering dual lock with VHB adhesive back. 1" Black	67.30 1 0.45	67.29 65.28 63.80
7126 EACH	3M Products MP-3560 30 days	Self-adhering dual lock with VHB adhesive back. 1" Clear	75.90 1 0.45	75.87 73.60 71.93

Cable Ties [640-12]

If you are buying these, you might need:

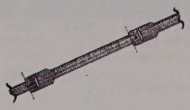
Braided Coaxial Cables . . . . . page 394

ssorted ONE-WRAP (R) Brand Fastener

Adjustable, reusable low profile hook and loop fastener tie wrap. You'll find hundreds of uses. 20 pcs of 5 colors: Red, Blue, Yellow, Green and Orange

rt No. /Uom	Manufacturer Mfg. P/N Warranty	Color Tensile Strength	Size Maximum Bundle Diameter Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
0376 PACK	Velcro USA Inc. 254010 30 days	Assorted Assorted	8" x 1/2" 2"	29.00 3 1.36	26.68 26.39 25.81

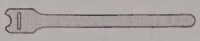
ONE-WRAP (R) Brand Fastener



Adjustable, reusable low profile hook and loop fastener tie wrap. You'll find hundreds of uses. Includes screw mount hole.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Color Tensile Strength	Size Maximum Bundle Diameter Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
30378 100 PACK	Velcro USA Inc. 253158 30 days	Black Black	8" x 1/2" 1-1/2"	36.00 3 1.36	33.12 32.76 32.04
81985 10 PACK	Velcro USA Inc. 253158 30 days	Black Black	8" x 1/2" 1-1/2"	3.80 1.5 0.68	3.50 3.46 3.39

ONE-WRAP (R) Brand Fastener



Adjustable, reusable low profile hook and loop fastener tie wrap. You'll find hundreds of uses.

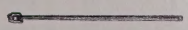
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Color Tensile Strength	Size Maximum Bundle Diameter Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
13619 75 FOOT	Velcro USA Inc. 189645 30 days	Black	75' x 3/4	22.00 2.5 1.14	20.24 20.02 19.58
83232 100 PACK	Velcro USA Inc. 253999 30 days	Black Black	8" x 1/2" 2"	27.20 3 1.36	25.01 24.74 24.19
93948 100 PACK	Velcro USA Inc. 253991 30 days	Black Black	12" x 1/2" 3-1/2"	42.00 3.25 1.48	38.64 38.22 37.38

Cable Ties with Mounting Hole

Self-locking cable tie w/mounting hole for attaching with a screw. Black one's are UV Resistant

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Color Tensile Strength	Size Maximum Bundle Diameter Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
38304 100 PACK	Tyton Corporation T50MR0C2 90 days	Black 50 lb.	8" x 3/16" 1-3/4"	11.00 0.74 0.34	8.69 8.41 8.31
89911 100 PACK	Tyton Corporation T50MR9C2 90 days	Natural 50 lb.	8" x 3/16" 1-3/4"	10.00 0.74 0.34	7.90 7.64 7.55

Band-It Metal Cable Ties



BAND-IT 12 " long x 3/8" wide cable ties. Made of 201 stainless steel coated with an E.V.A copolymer.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Color Tensile Strength	Size Maximum Bundle Diameter Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
13701 100 PACK	Band-it AE315 1 Year	Black	24" long x 3/8" wide cable ties. Made of 201 Stainless Steel coated with and E.V.A. copolymer. 24"long x 3/8" wide cable ties	233.20 7.03 3.2	174.87 163.22 151.56
14950 100 PACK	Band-it AE114 1 Year	Black.	BAND-IT Made of 201 stainless steel coated with an E.V.A. copolymer. 18"long x 1/4" wide cable ties	184.05 2.5 1.14	138.03 128.83 119.63
26915 100 PACK	Band-it AE313 1 Year	Black.	BAND-IT 12 " long x 3/8" wide cable ties. Made of 201 stainless steel coated with an E.V.A copolymer. 12"long x 3/8" wide cable ties	155.45 3.49 1.59	116.58 108.81 101.04
28164 100 PACK	Band-it AE112 1 Year	Black.	BAND-IT 9" long x 1/4" wide. Made of 201 Stainless Steel coated with an E.V.A. copolymer. 100 per pk. 9"long x 1/4" wide cable ties	143.25 1.5 0.68	107.42 100.26 93.10

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Continuing product table (2 of 2)

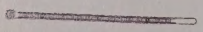
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Color Tensile Strength	Size Maximum Bundle Diameter Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
40129 100 PACK	Band-it AE311 1 Year	Black.	BAND-IT 6" long x 3/8" wide cable ties. Made of 201 stainless steel coated with E.V.A. copolymer. 6"long x 3/8" wide cable ties	139.25 2.27 1.03	104.43 97.47 90.50
52094 100 PACK	Band-it AE316 1 Year	Black.	BAND-IT 30" long x 3/8" wide cable ties. Made of 201 stainless steel coated with an E.V.A. copolymer. 30"long x 3/8" wide cable ties	294.55 6 2.73	220.90 206.18 191.45
65308 100 PACK	Band-it AE314 1 Year	Black.	BAND-IT 18" long x 3/8" wide cable ties. Made of 201 stainless steel coated with an E.V.A. copolymer. 18"long x 3/8" wide cable ties	204.60 3.8 1.73	153.42 143.20 132.97
66557 100 PACK	Band-it AE113 1 Year	Black.	BAND-IT 12"long x 1/4" wide cable ties. Made of 201 Stainless Steel coated with an E.V.A. copolymer. 12"long x 1/4" wide cable ties	151.40 2.73 1.24	113.53 105.96 98.40
78522 100 PACK	Band-it AE312 1 Year	Black.	BAND-IT 9" long x 3/8" wide cable ties. Made of 201 stainless steel coated with an E.V.A. copolymer. 9"long x 3/8" wide cable ties	147.20 3.02 1.37	110.40 103.04 95.68

Tie Wraps

Tie wrap is ideal for attaching small coaxial cable or pressurization tubing to waveguide runs or tower members. Self-locking at any diameter and require no tools. Made of black nylon.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Color Tensile Strength	Size Maximum Bundle Diameter Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
55067 25 PACK	Microflect/Valmont B255 2 Years		0.214" wide x 14" long	10.00 0.4 0.18	9.85 9.80 9.75
42549 50 PACK	CommScope, Inc. TWK-50 5 Years		0.190" wide x 15" long	28.00 1 0.45	22.40 21.84 21.00
NEW 416178 50 PACK	Wireless Solutions TW-50 3 Years		0.190" wide x 15" long	12.00 1 0.45	11.76 11.64 11.52

Heavy Duty Nylon Cable Ties



Additional selections of heavy duty cable ties can be found in TAB 4 under "Cable Ties"

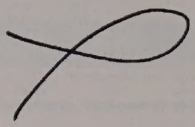
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Color Tensile Strength	Size Maximum Bundle Diameter Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
432112 1 EACH	Andrew Corporation 40417		Consists of 50 pieces of Cable tie for 1/4" to 1/2" cable.	26.00 0.75 0.34	18.85 17.55 16.25
14133 50 PACK	Wireless Solutions NCT-1 1 Year		15" Nylon cable tie kit.	48.55 0.79 0.36	34.12 34.06 33.99
80381 50 PACK	RFS Celwave PD10057 1 Year		32" Heavy duty, nylon cable ties for attaching 1/2" to 7/8" cable to tower members.	32.50 1.97 0.9	23.08 21.45 19.83

ONE-WRAP (R) Reusable Cable Tie Wrap

ONE-WRAP (R) ties are adjustable and reusable, yet hold cable bundles securely. For indoor applications or where overtightening is a concern. The electrical performance of the cable is not altered by over applying tension or pinching cable bundles. Perfect for equipment cabinets or high vibration areas. Included a mounting hole for screw mounting.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Color Tensile Strength	Size Maximum Bundle Diameter Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
41579 100 PACK	Wireless Solutions VT-8-B 30 Days		8" long by 1/2" wide tie wrap	36.00 1 0.45	26.10 24.30 22.50
93186 10 PACK	Velcro USA Inc. VT-8 30 Days		8" long by 1/2" wide tie wrap	3.80 0.79 0.36	2.76 2.57 2.38

Tie Wires



Tie wires are used to secure small cables to masts and other support structures. Each wire is 18" long.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Color Tensile Strength	Size Maximum Bundle Diameter Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
12569 20 PACK	CESCO TW-J 1 year		18" long. CESCO jacketed ties. 18" long. 20 per pack.	6.50 1.25 0.57	5.02 4.96 4.88
37748 100 PACK	CESCO TW-U 1 Year		18" long. CESCO Unjacketed Copperweld Wire Ties. 18" long. 100 per pack.	22.00 1.92 0.87	16.99 16.79 16.50

Cable Tie Mounts

Adhesive backed cable tie mount with 4 entry locations

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Color Tensile Strength	Size Maximum Bundle Diameter Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36172 25 EACH	Source Supply Co. F33012 30 days	White White	1.125x1.125 adhesive base	13.75 0.1 0.05	13.75 13.75 13.75
442040 5 PACK	Source Supply Co. TC5345A 30 days	White White	1.125x1.125 adhesive base	2.75 0.1 0.05	2.75 2.75 2.75
451045 12 PACK	Source Supply Co. TC5345A 30 days	White White	1.125x1.125 adhesive base	6.60 0.1 0.05	6.60 6.60 6.60
NEW 451387 100 PACK	Thomas and Betts TC5345A 30 days	Natural	1.125 x 1.125" 4 way adhesive mount	92.00 0.46 0.21	84.92 81.79 78.85
NEW 479333 100 PACK	Thomas and Betts TC5342A 30 days	Natural	1.125 x 1.125" 2 way adhesive mount	92.00 0.88 0.4	84.92 81.79 78.85
75372 10 PACK	Source Supply Co. F33012 30 days	White White	1.125x1.125 adhesive base	5.50 0.1 0.05	5.50 5.50 5.50
18765 100 PACK	3M Products 06294 1 yr	Natural Natural	3/4" x 3/4" .125 slot	54.95 0.28 0.13	48.45 47.79 46.97
450122 100 PACK	Tyton Corporation MB3AOC2 1 yr	Black Black	3/4" x 3/4" .125 slot	16.40 0.5 0.23	12.96 12.53 12.39
57158 100 PACK	3M Products 06295 1 yr	Black Black	3/4" x 3/4" .125 slot	65.40 0.28 0.13	57.65 56.87 55.89
43944 100 PACK	3M Products 06297 1 yr	Black Black	1" x 1" .203 slot	85.75 0.3 0.14	75.62 74.59 73.30

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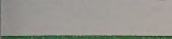
Installation Hardware Supplies

uing product table (2 of 2)

No. Uom	Manufacturer Mfg. P/N Warranty	Color Tensile Strength	Size Maximum Bundle Diameter Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
551 PACK	3M Products 06296 1 yr	Natural Natural	1" x 1" .203 slot	72.45 0.3 0.14	63.88 63.01 61.92

atural Cable Ties



Nylon 6/6 Self locking cable ties. Not UV resistant.

No. Uom	Manufacturer Mfg. P/N Warranty	Color Tensile Strength	Size Maximum Bundle Diameter Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
152 PACK	Tyton Corporation T18R 30 days	Natural 18 lb	4" x 1/16" 1"	2.90 0.07 0.03	2.11 2.08 2.06
423 ACK	Rexel, Inc PLT1.5M-M 30 days	Natural 18 lb.	4" x 1/16" 1"	2.85 1.75 0.8	2.26 2.18 2.16
455 ACK	Rexel, Inc PLT4S-M 30 days	Natural 18 lb.	4" x 1/16" 1"	18.25 1.75 0.8	14.39 13.92 13.75
938 PACK	Tyton Corporation T18R9M4 30 days	Natural 18 lb.	4" x 1/16" 1"	11.50 0.62 0.28	9.09 8.79 8.69
275 PACK	3M Products 06248 1 yr	White 18 lb.	4" x 3/32" 3/4"	41.30 0.71 0.32	36.40 35.91 35.29
798 PACK	Tyton Corporation T30R 30 days	Natural 30 lb.	6" x 3/16" 1-1/4"	5.55 0.07 0.03	4.02 3.97 3.94
584 PACK	Tyton Corporation T30R 30 days	Natural 30 lb.	6" x 3/16" 1-1/4"	22.00 1.55 0.7	17.38 16.81 16.61
061 PACK	3M Products 06249 1 yr	White 30 lb.	6" x 1/8" 1-1/4"	39.40 0.71 0.32	34.74 34.27 33.67
847 PACK	3M Products 06250 1 yr	White 50 lb.	7" x 3/16" 1-3/4"	51.90 2.86 1.3	45.77 45.15 44.37
012 ACK	Tyton Corporation T18L 30 days	Natural 18 lb.	8" x 3/32" 2"	4.60 0.07 0.03	3.33 3.29 3.26
870 ACK	Tyton Corporation T30M 30 days	Natural 30 lb.	8" x 3/16" 2"	7.15 0.26 0.12	5.17 5.10 5.06
156 PACK	Tyton Corporation T30M 30 days	Natural 30 lb.	8" x 3/16" 2"	28.20 2.6 1.18	22.28 21.55 21.30
872 ACK	Tyton Corporation T50R9C2 90 days	Natural 50 lb.	8" x 3/16" 1-3/4"	9.25 0.25 0.11	7.31 7.07 6.99
942 ACK	Tyton Corporation T30I9C2 30 days	Natural 30 lb.	11" x 3/16" 3"	18.60 0.35 0.16	13.47 13.28 13.19
728 PACK	Tyton Corporation T30I 30 days	Natural 30 lb.	11" x 3/16" 3"	74.00 4.9 2.23	58.46 56.54 55.87
514 ACK	Tyton Corporation T30L 30 days	Natural 30 lb.	14" X 3/16" 4"	19.65 0.53 0.24	14.24 14.04 13.94
255 PACK	Tyton Corporation T30L 30 days	Natural 30 lb.	14" X 3/16" 4"	167.05 5 2.27	121.09 119.42 118.59
W 174 ACK	Tyton Corporation T50L9C2 90 days	Natural 50 lb.	15 1/2" x .18" 4"	8.00 0.25 0.11	6.29 6.09 6.01

ack Cable Ties

Nylon 6/6 Self locking cable ties. UV resistant.

uing product table (1 of 2)

No. Uom	Manufacturer Mfg. P/N Warranty	Color Tensile Strength	Size Maximum Bundle Diameter Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
80 ACK	Thomas and Betts TY37MX 1 Year	Black 120 lbs.	13.9" x 0.301" 3.5"/Mnt Hole	65.00 1 0.45	62.53 62.01 60.97
973 ACK	Tyton Corporation T18R 30 days	Black 18 lb.	4" x 1/16" 1"	3.05 0.06 0.03	2.22 2.19 2.17

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Color Tensile Strength	Size Maximum Bundle Diameter Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
62759 1000 PACK	Tyton Corporation T18R 30 days	Black 18 lb.	4" x 1/16" 1"	12.10 0.62 0.28	9.53 9.22 9.11
57882 1000 PACK	3M Products 06270 1 yr	Black 18 lb.	4" x 1/8" 3/4"	45.10 0.74 0.34	30.15 29.43 28.57
84191 100 PACK	Tyton Corporation T30R 30 days	Black 30 lb.	6" x 3/16" 1-1/4"	5.85 0.07 0.03	4.22 4.17 4.14
29737 1000 PACK	Tyton Corporation T18I 30 days	Black 17 lb.	6" x 3/32" 1 1/4"	16.70 0.14 0.06	12.11 11.95 11.86
70977 1000 PACK	Tyton Corporation T30R 30 days	Black 30 lb.	6" x 3/16" 1-1/4"	23.00 0.7 0.32	18.17 17.58 17.37
44668 1000 PACK	3M Products 06271 1yr	Black 21 lb.	6" x 1/8" 1-1/4"	18.55 1.23 0.56	12.40 12.10 11.99
97405 100 PACK	Tyton Corporation T18L 30 days	Black 18 lb.	8" x 3/32" 2"	4.85 0.07 0.03	3.49 3.44 3.42
57763 100 PACK	Tyton Corporation T30M 30 days	Black 30 lb.	8" x 3/16" 2"	7.50 0.22 0.1	5.43 5.35 5.32
90840 100 PACK	Tyton Corporation T40R 30 days	Black 40 lb.	8.5" x 3/16" 2"	7.50 0.22 0.1	5.43 5.35 5.32
17772 1000 PACK	Tyton Corporation T18L 30 days	Black 18 lb.	8" x 3/32" 2"	19.15 0.14 0.06	13.87 13.68 13.58
39233 1000 PACK	Tyton Corporation T40R 30 days	Black 40 lb.	8.5" x 1/8" 2"	29.65 2.3 1.05	23.40 22.63 22.37
44549 1000 PACK	Tyton Corporation T30M 30 days	Black 30 lb.	8" x 3/16" 2"	29.65 2 0.91	23.40 22.63 22.37
15710 1000 PACK	Tyton Corporation T50R0M4 30 days	Black 50 lb.	8" x 3/16" 1-3/4"	31.20 1 0.45	24.64 23.83 23.55
31454 1000 PACK	3M Products 06272 1 yr	Black 50 lb.	7" x 3/16" 1-3/4"	52.30 2.86 1.3	46.11 45.48 44.70
22918 100 PACK	Wireless Solutions 22918 30 days	Black 50 lb.	8-1/2" x 3/16" 2"	5.45 0.39 0.18	3.99 3.85 3.83
89708 1000 PACK	Wireless Solutions 22918 30 days	Black 50 lb.	8-1/2" x 3/16" 2"	45.90 3.88 1.76	33.74 32.59 32.36
31335 100 PACK	Tyton Corporation T30I 30 days	Black 30 lb.	11" x 3/16" 3"	19.50 0.49 0.22	14.14 13.95 13.85
18121 1000 PACK	Tyton Corporation T30I 30 days	Black 30 lb.	11" x 1/8" 3"	77.70 4.9 2.23	61.39 59.37 58.67
45917 1000 PACK	3M Products 06273 1 yr	Black 50 lb.	12" x 3/16" 3"	135.15 5.28 2.4	119.21 117.59 115.56
94907 100 PACK	Tyton Corporation T30L0C2 30 days	Black 30 lb.	14-1/4" x .14" 4"	19.65 0.53 0.24	14.24 14.04 13.94
84310 500 PACK	3M Products 06274 1 yr	Black 50 lb.	15" x 3/16" 4"	74.25 7 3.18	65.47 64.58 63.46
32703 50 PACK	3M Products 06207 1 yr	Black 120 lb.	15" x 5/16" 4"	23.60 0.56 0.25	20.80 20.52 20.17
NEW 498110 100 PACK	3M Products 43203 1 yr	Black 120 lb.	15" x 5/16" 4"	47.40 1 0.45	41.79 41.23 40.51

Large Size Lashing Cable Ties

Extra heavy duty cable ties. 175 lb. tensile strength. UV resistant.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Color Tensile Strength	Size Maximum Bundle Diameter Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
91160 25 PACK	Tyton Corporation T150R 30 days	Black 175 lb.	15" x 3/8" 4"	17.10 2 0.91	13.48 13.04 12.88
55501 1000 PACK	Tyton Corporation T150R 30 days	Black 175 lb.	15" x 3/8" 4"	682.40 60 27.27	461.99 384.88 330.29

W = New Listing. Pricing for reference only.
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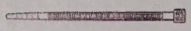
Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Color Tensile Strength	Size Maximum Bundle Diameter Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
81693 25 PACK	Tyton Corporation T150L 30 days	Black 175 lb.	32" x 3/8" 9"	16.25 2 0.91	12.84 12.42 12.27
18357 1000 PACK	Tyton Corporation T150L 30 days	Black 175 lb.	32" x 3/8" 9"	650.00 60 27.27	440.05 366.60 314.60
55265 25 PACK	Tyton Corporation T150LL 30 days	Black 175 lb.	36" x 3/8" 11"	20.50 1 0.45	16.18 15.64 15.46
54016 25 PACK	Tyton Corporation T150XL 30 days	Black 175 lb.	42" x 3/8" 13"	20.20 1.25 0.57	15.96 15.44 15.26

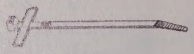
Ty-Rap Cable Ties



Nylon 6/6 UV/weather resistant cable ties. Stainless steel locking device is embedded in the nylon head for reliability.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Color Tensile Strength	Size Maximum Bundle Diameter Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
33310 100 PACK	Thomas and Betts TY25MX 1 Year	Black 50 lb.	7.31" x .184" 1.75"	6.00 0.5 0.23	5.78 5.73 5.63
71703 100 PACK	Thomas and Betts TY27MX 1 Year	Black 120 lb.	13.4" x .27" 3.50"	27.00 1 0.45	25.98 25.76 25.33

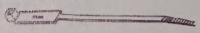
Identification Ties



Identification ties for wire marking. Write with any permanent marker or label maker

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Color Tensile Strength	Size Maximum Bundle Diameter Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
23841 100 PACK	Tyton Corporation IT18R 30 days	Natural 18 lb.	4" x 1/16" 1" x 19/64 pad	13.80 0.07 0.03	10.87 10.52 10.39
35272 100 PACK	Tyton Corporation IT18FLC2 30 days	Natural 18 lb.	4-1/4" x .10" 4-1/4"	13.80 1 0.45	10.87 10.52 10.39

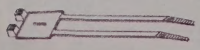
Identification Ties



Identification ties for wire marking. Write with any permanent marker or label maker

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Color Tensile Strength	Size Maximum Bundle Diameter Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
10627 100 PACK	Tyton Corporation IT50R9C2 30 days	Natural 50 lb.	8" x 3/16" 1" x 7/16" pad	21.20 0.07 0.03	16.72 16.17 15.98
49020 100 PACK	Tyton Corporation IT50L 30 days	Natural 50 lb.	15" x 3/16" 1/2"X2-1/8 pad	38.10 0.5 0.23	27.61 27.23 27.04

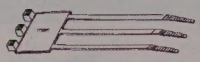
Identification Ties



Identification ties for wire marking. Write with any permanent marker or label maker

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Color Tensile Strength	Size Maximum Bundle Diameter Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
35806 50 PACK	Tyton Corporation IT50RD9K2 30 days	Natural 50 lb.	8" x 3/16" 1-11/64x1" pad	45.55 0.07 0.03	35.97 34.79 34.38

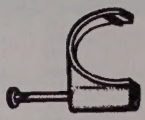
Identification Ties



Identification ties for wire marking. Write with any permanent marker or label maker

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Color Tensile Strength	Size Maximum Bundle Diameter Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
99378 50 PACK	Tyton Corporation IT50RT9K2 30 days	Natural 50 lb.	8" x 3/16" 1-13/16x1" pad	57.10 0.07 0.03	41.39 40.82 40.53

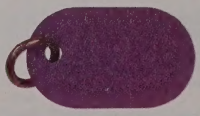
Cable Clips



Plastic cable clip with hard steel nail. Nail can be used on wood, brick, and mortar. 100 pack.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Color Tensile Strength	Size Maximum Bundle Diameter Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 463398 100 PACK	AIM Electronics Corp 25-7260 1 Year	Wht	For RG58,RG59,Proflex or any cable up to 0.250. up to 0.250. IM ELECTRONICS plastic cable clip with hard steel nail. For RG58,RG59,Proflex or any cable up to 0.250. Pk of 100.	4.00 0.4 0.18	2.46 2.32 2.26

Cable Identification Tags



Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Color Tensile Strength	Size Maximum Bundle Diameter Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
58745 1 EACH	Lucent Technologies 100393156 1 Year		AT&T 145C identification tag.	2.30 0.08 0.04	2.48 2.48 2.48

Thomas&Betts Ty-Rap Cable Ties

Thomas&Betts Ty-Rap Cable Ties 14" 50lb cable tie with integral stainless steel locking device, 6/6 Natural NYLON. Ty-Fast cable ties are made of nylon 6/6 and perform well in most applications in temperatures ranging from 185 ∞ F to 40 ∞ F.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Color Tensile Strength	Size Maximum Bundle Diameter Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 428347 100 PACK	Thomas and Betts TY528M 30 Days	Natural 50lb	14" Ty-Rap with integral stainless steel locking device	36.00 0.63 0.29	33.23 32.01 30.86
NEW 435336 100 PACK	Thomas and Betts TY526M 30 Days	Natural 40lb	11" Ty-Rap with integral stainless steel locking device	26.70 0.37 0.17	24.63 23.72 22.87
NEW 438335 100 PACK	Thomas and Betts TY524MX 30 Days	Black 40lb	5-1/2" Ty-Rap with integral stainless steel locking device	17.65 0.16 0.07	16.29 15.69 15.12
NEW 438337 100 PACK	Thomas and Betts TY525M 30 Days	Natural 50lb	7" Ty-Rap with integral stainless steel locking device	15.50 0.3 0.14	14.31 13.78 13.29
NEW 445327 50 PACK	Thomas and Betts TY529M 30 Days	Natural 120lb	30" Ty-Rap with integral stainless steel locking device	59.00 2.74 1.25	54.46 52.46 50.57
NEW 446319 1000 PACK	Thomas and Betts TY25M 30 Days	Natural 50lb	7" Ty-Rap with integral stainless steel locking device	60.80 0.3 0.14	56.12 54.06 52.11

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nuing product table (2 of 2)

No. Uom	Manufacturer Mfg. P/N Warranty	Color Tensile Strength	Size Maximum Bundle Diameter Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 338 ACK	Thomas and Betts TY527MX 30 Days	Black 120lb	14" Ty-Rap with integral stainless steel locking device	26.00 1.14 0.52	24.00 23.12 22.29
EW 342 ACK	Thomas and Betts TY523M 30 Days	Natural 18lb	4" Ty-Rap with integral stainless steel locking device	10.95 0.08 0.04	10.08 9.71 9.36
EW 393 ACK	Thomas and Betts TY29MX 30 Days	Black 120lb	30" Ty-Rap with integral stainless steel locking device	51.00 2.74 1.25	47.08 45.34 43.71
EW 306 ACK	Thomas and Betts TY27MX 30 Days	Black 120lb	14" Ty-Rap with integral stainless steel locking device	190.00 1.14 0.52	175.37 168.91 162.83
EW 369 ACK	Thomas and Betts TY528MX 30 Days	Black 50lb	14" Ty-Rap with integral stainless steel locking device	40.00 0.63 0.29	36.92 35.56 34.28
EW 387 ACK	Thomas and Betts TY527M 30 Days	Natural 120lb	14" Ty-Rap with integral stainless steel locking device	26.95 1.14 0.52	24.87 23.95 23.09
EW 338 ACK	Thomas and Betts TY526MX 30 Days	Black 40lb	11" Ty-Rap with integral stainless steel locking device	30.00 0.37 0.17	27.69 26.67 25.71
EW 331 ACK	Thomas and Betts TY529MX 30 Days	Black 120lb	30" Ty-Rap with integral stainless steel locking device	69.00 2.74 1.25	63.69 61.35 59.14
EW 315 ACK	Thomas and Betts TY523MX 30 Days	Black 18lb	4" Ty-Rap with integral stainless steel locking device	12.60 0.08 0.04	11.63 11.21 10.80
EW 302 ACK	Thomas and Betts TY524M 30 Days	Natural 40lb	5-1/2" Ty-Rap with integral stainless steel locking device	12.90 0.16 0.07	11.91 11.47 11.06
EW 319 ACK	Thomas and Betts TY525MX 30 Days	Black 50lb	7" Ty-Rap with integral stainless steel locking device	18.00 0.3 0.14	16.62 16.01 15.43

omas&Betts Ty-Rap Cable Tie Tool

No. Uom	Manufacturer Mfg. P/N Warranty	Color Tensile Strength	Size Maximum Bundle Diameter Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 304 ACH	Thomas and Betts ERG297 1 Year		Thomas&Betts Ty-Rap Cable Tie Tool Installs 50 and 120lb cable ties	377.65 0.6 0.27	348.55 335.71 323.62
EW 307 ACH	Thomas and Betts ERG299 1 Year		Thomas&Betts Ty-Rap Cable Tie Tool Installs 18, 40 and 50lb cable ties	203.25 0.6 0.27	187.60 180.68 174.18

omas&Betts Catamount Cable Ties

nuing product table (1 of 2)

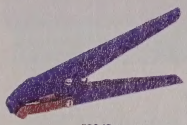
No. Uom	Manufacturer Mfg. P/N Warranty	Color Tensile Strength	Size Maximum Bundle Diameter Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 335 ACK	Thomas and Betts L-11-40-9-C 30 Days	Natural 40 lb	11" nylon cable tie	8.85 0.3 0.14	8.16 7.86 7.58

Continuing product table (2 of 2)

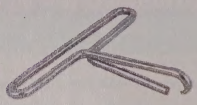
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Color Tensile Strength	Size Maximum Bundle Diameter Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 422322 100 PACK	Thomas and Betts L-4-18-0-C 30 Days	Black 18 lb	4" nylon cable tie	2.65 0.08 0.04	2.42 2.33 2.25
NEW 424321 100 PACK	Thomas and Betts L-11-40-0-C 30 Days	Black 40 lb	11" nylon cable tie	10.10 0.3 0.14	9.33 8.98 8.66
NEW 443349 100 PACK	Thomas and Betts L-14-50-9-C 30 Days	Natural 50 lb	14" nylon cable tie	10.60 0.37 0.17	9.79 9.43 9.09
NEW 447326 100 PACK	Thomas and Betts L-7-50-9-C 30 Days	Natural 50 lb	7" nylon cable tie	4.30 0.3 0.14	3.94 3.79 3.66
NEW 450307 100 PACK	Thomas and Betts L-14-120-9-C 30 Days	Natural 50 lb	14" nylon cable tie	9.85 1.37 0.62	9.09 8.75 8.44
NEW 455367 100 PACK	Thomas and Betts L-14-120-0-C 30 Days	Black 120 lb	14" nylon cable tie	11.45 1.37 0.62	10.55 10.16 9.79
NEW 458344 100 PACK	Thomas and Betts L-7-50-0-C 30 Days	Black 50 lb	7" nylon cable tie	2.60 0.3 0.14	2.37 2.28 2.20
NEW 475304 100 PACK	Thomas and Betts L-14-50-0-C 30 Days	Black 50 lb	14" nylon cable tie	13.40 0.37 0.17	12.37 11.92 11.49
NEW 486312 100 PACK	Thomas and Betts L-4-18-9-C 30 Days	Natural 18 lb	4" nylon cable tie	2.30 0.08 0.04	2.09 2.01 1.94

Cable Tie Tools [640-13]

Tensioners for Band-It Cable Ties



53343



91736

Clinches the ties to their optimum holding power with a simple squeeze and flick of the wrist.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
53343 1 EACH	Band-it AE200 1 Year	BAND-IT E.V.A. cable tie tensioner	91.00 0.69 0.31	68.23 63.68 59.14
91736 1 EACH	Band-it AE201 1 Year	BAND-IT tension hook for E.V.A. cable ties.	19.15 0.14 0.06	14.37 13.41 12.45

Economy Cable Tie Tool

79178

Economical pistol-style cable tie gun. Use for small to medium sized cable ties. Adjustable tension with automatic cutoff. Molded nylon construction.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
79178 1 EACH	Greenlee Tools 45306 90 days	Cable tie tool for small to medium cable ties	27.10 0.6 0.27	27.10 26.56 25.75

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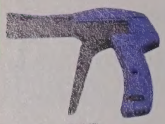
Heavy Duty Cable Tie Gun

27571

Heavy duty cable tie gun for use with standard to heavy cable ties. Adjustable tension with automatic cutoff. All metal construction. Color: Green/Black

Part No. Qty/Uom	Manufacturer Mfg. P/N. Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
27571 1 EACH	Greenlee Tools 45300 90 days	Cable tie tool for standard to heavy cable ties	54.20 0.7 0.32	54.20 53.12 51.49

Cable-tie Fastening Tool



76447

Cable Tie installation tool with rugged die-cast construction. Flush cut-off leaves no projections. For miniature, intermediate and standard size cable ties up to 1/4" width.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
76447 1 EACH	Ideal Industries 15-991 1 yr	Cable-tie tool	67.25 1 0.45	60.25 56.02 54.54

Grommets [640-14]

Rubber Gromets

37356

Rubber grommets protect wires from sharp edges.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Outside Dia. Inside Dia. (in.)	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
12177 100 PACK	GC/Waldom 11-284-C 90 days	1/4" 1/8"	Rubber Grommet	6.20 0.11 0.05	6.00 5.81 5.63
75520 100 PACK	Wireless Solutions 75520 90 days	5/16" 1/8"	Rubber Grommet	5.00 0.11 0.05	4.00 3.95 3.90
23913 100 PACK	Wireless Solutions 23913 90 days	3/8" 3/16"	Rubber Grommet	5.25 0.24 0.11	4.20 4.15 4.10
50570 100 PACK	GC/Waldom 11-292-C 90 days	3/8" 1/4"	Rubber Grommet	6.35 0.24 0.11	6.13 5.95 5.76
62306 100 PACK	Wireless Solutions 62306 90 days	1/2" 1/4"	Rubber Grommet	6.35 0.11 0.05	5.08 5.02 4.96
10699 100 PACK	Wireless Solutions 10699 90 days	9/16" 5/16"	Rubber Grommet	9.00 0.45 0.2	7.18 7.09 7.00
49092 100 PACK	Wireless Solutions 49092 90 days	5/8" 3/8"	Rubber Grommet	9.05 1 0.45	7.24 7.15 7.06
88963 100 PACK	GC/Waldom 11-308-C 90 days	3/4" 9/16"	Rubber Grommet	20.10 0.48 0.22	19.49 18.89 18.29
37356 100 PACK	GC/Waldom 11-312-C 90 days	7/8" 5/8"	Rubber Grommet	27.90 1.23 0.56	27.07 26.23 25.39

Snap Grommets

24167

Snap Grommets protect wires from sharp edges. Easy to snap in but it takes over 30 lbs of pressure to pull out.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Outside Dia. Inside Dia. (in.)	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
24167 100 PACK	Wireless Solutions 24167 1 yr	5/16" 3/16"	3/16" Snap Grommet	4.50 0.29 0.13	3.60 3.56 3.51
62560 100 PACK	Wireless Solutions 62560 1 yr	7/16" 5/16"	5/16" Snap Grommet	4.50 0.29 0.13	3.60 3.56 3.51
10953 100 PACK	Wireless Solutions 10953 1 yr	1/2" 3/8"	3/8" Snap Grommet	5.00 0.29 0.13	4.00 3.95 3.90
49346 100 PACK	Wireless Solutions 49346 1 yr	3/4" 39/64"	3/4" Snap Grommet	5.00 0.29 0.13	4.00 3.95 3.90
22265 100 PACK	Wireless Solutions 22265 1 yr	1" 3/4"	1" Snap Grommet	9.40 1 0.45	7.52 7.43 7.34
66823 100 PACK	Wireless Solutions 66823 1 yr	1-7/8" 1-3/8"	1-3/8" Snap Grommet	15.90 0.31 0.14	12.72 12.57 12.41

Plastic Flexible Center Grommet

40451

Flexible center fingers grip wires for any size up to 5/8" diameter.

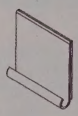
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Outside Dia. Inside Dia. (in.)	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
40451 100 PACK	Radiall/Larsen GROMMETS 1 yr	3/4" -	Plastic Grommet	14.60 0.29 0.13	8.61 8.10 8.02

Nylon Cable Clamps and Clips [640-15]

If you are buying these, you might need:

Connectors and Adapters for Braided Coax . . . . . page 428

Cable Clip



97524

Adhesive backed cable clip 1/4" Grey

Part No. Qty/Uom	Manufacturer Mfg. P/N	Color	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
97524 100 PACK	3M Products 710	Grey	Adhesive backed cable clip. Maximum cable O.D. 1/4".	24.10 1.56 0.71	21.23 20.95 20.58

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Cable Clamp

Cascade nylon cable clamp. Secures wire in auto & electrial applications, Black.

Part No. Qty/Uom	Manufacturer Mfg. P/N	Color	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
0483 PACK	Wireless Solutions CCB316/100	Black nylon	3/16" nylon cable clamp. Secures wire in auto & electrical applications.	3.25 1.5 0.68	2.60 2.57 2.54
5662 PACK	Wireless Solutions 35662	Black nylon	1/4" nylon cable clamp. Secures wire in auto & electrical applications.	2.45 0.2 0.09	1.96 1.94 1.92
9287 PACK	Wireless Solutions 35662	Black nylon	1/4" nylon cable clamp. Secures wire in auto & electrical applications.	24.00 2 0.91	19.20 18.96 18.72
2448 PACK	Wireless Solutions 22448	Black nylon	3/8" nylon cable clamp. Secures wire in auto & electrical applications.	2.55 0.2 0.09	2.02 2.00 1.97
9000 PACK	Wireless Solutions 22448	Black nylon	3/8" nylon cable clamp. Secures wire in auto & electrical applications.	24.75 2 0.91	19.80 19.56 19.31
5129 PACK	Wireless Solutions 45129	Black nylon	1/2" nylon cable clamp. Secures wire in auto & electrical applications.	2.55 0.5 0.23	2.02 2.00 1.97
2214 PACK	Wireless Solutions 45129	Black nylon	1/2" nylon cable clamp. Secures wire in auto & electrical applications.	29.25 1.78 0.81	23.40 23.11 22.82
0607 PACK	Wireless Solutions 83522	Black nylon	3/4" nylon cable clamp. Secures wire in auto & electrical applications.	55.00 2 0.91	44.00 43.45 42.90
3522 PACK	Wireless Solutions 83522	Black nylon	3/4" nylon cable clamp. Secures wire in auto & electrical applications.	5.50 0.2 0.09	4.40 4.35 4.29
1915 PACK	Wireless Solutions 31915	Black nylon	1" nylon cable clamp. Secures wire in auto & electrical applications.	6.65 0.5 0.23	5.30 5.23 5.17

ubber Cable End Caps

14741 38671

Rubber end caps slip onto the end of coaxial cable runs to help prevent moisture, dust, and other contaminants from damaging the cable.

t No. /Uom	Manufacturer Mfg. P/N	Color	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
4741 PACK	StockCap .562-1-1/2"IL STK	Black	Rubber End Cap For 1/2" foam.	0.50 0.1 0.05	0.49 0.48 0.47
3671 PACK	StockCap .562-1-1/2"IL STK	Black	Rubber End Caps For 1/2" foam.	200.00 0 0	193.99 190.00 188.00
9387 PACK	StockCap 1.0-1-1/2"IL STK	Red	Rubber End Caps For 7/8" cable.	101.10 22 10	98.03 96.01 95.00
3850 PACK	StockCap 1.500-24(1-1/2 IL	Red	Rubber End caps For 1-1/4" cable.	3.60 0 0	3.49 3.42 3.38

oor Fasteners

62632

Door panel fasteners for GM and FORD N/A Clips 30 days

t No. /Uom	Manufacturer Mfg. P/N	Color	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
632 PACK	Wireless Solutions 62632		Door Clips to fit GM/FORD door panels.	4.25 0.05 0.02	3.40 3.36 3.32

Wire Markers [640-18]

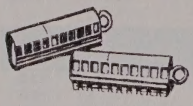
Rite-On Label Markers

37020

Tyton's Rite-On markers come with a reusable dispenser made from high impact plastic. Dispenser can be reloaded over and over again, making it a cost effective method of labeling. A special window holds the label firm for easy marking. Label dispenses automatically when the liner is pulled from the dispenser.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
37020 1 PACK	Tyton Corporation RO175 30 days	Rite-On marker dispenser with 90 3/4" x 3/4" labels. Min wire size is .330" or 1/0 AWG. Max wire size is .625" or 250 mcm.	12.65 0.07 0.03	9.97 9.64 9.53
75413 1 PACK	Tyton Corporation 175REF 30 days	Rite-On marker REFILL. 90 3/4" X 3/4" self-laminating labels. Minsize is .330" or 1/0 AWG. Max wire size is .625" or 250 mcm.	5.95 0.05 0.02	4.69 4.54 4.48
23806 1 EACH	Tyton Corporation FTP1 30 days	Rite-On non-smear FTP nylon marking pen. Black	5.75 0.05 0.02	4.54 4.39 4.34

Wire Marker Tape Dispenser



63845

Compact, convenient dispenser with easy cut-off and ten refillable compartments. Choose letter/number combinations for marking all diameters of wire or cable, panels, parts and subassemblies.

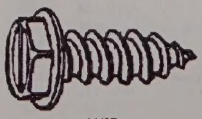
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
38666 1 EACH	3M Products STD-0-9	Filled with numeral series 0-9.	34.85 0.2 0.09	34.85 33.81 33.04
77059 1 EACH	3M Products STD-C	Filled with colors.	34.85 0.5 0.23	34.85 33.81 33.04
12238 1 EACH	3M Products SDR-MC	Tape dispenser refill - multiple colors. .215" x 8 ft.	22.25 0.01 0	22.22 21.56 21.07
63845 1 EACH	3M Products SDR-0-9	Tape dispenser refill - Numeral 0-9. .215" x 11 ft.	22.25 0.06 0.03	22.22 21.56 21.07

Screws, Sheet Metal and TEK [640-20]

If you are buying these, you may need:

Tool Kits, Complete. . . . . page 1523
Tool Kits, Complete. . . . . page 1523
Wrenches . . . . . page 1581
Wrenches . . . . . page 1581
Screwdriver Sets . . . . . page 1589
Screwdriver Sets . . . . . page 1589

Black 1/4" Hex Self Tap Screw



64427

1/4" Hex Washer Head Self-Taping Screws, BLACK.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
64427 1000 PACK	Wireless Solutions 84987 30 days	#8x1/2" Black 1/4" Hex Self Tap Screw	13.80 8 3.64	11.39 11.11 10.98
84987 250 PACK	Wireless Solutions 84987 30 days	#8x1/2" Black 1/4" Hex Self Tap Screw	4.00 2 0.91	3.30 3.22 3.18

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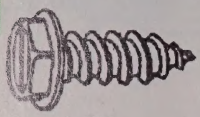
Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
12820 1000 PACK	Wireless Solutions 33380 30 days	#8x3/4" Black 1/4" Hex Self Tap Screw	15.60 8.5 3.86	12.87 12.56 12.41
33380 250 PACK	Wireless Solutions 33380 30 days	#8x3/4" Black 1/4" Hex Self Tap Screw	4.10 1.05 0.48	3.39 3.31 3.26
51213 1000 PACK	Wireless Solutions 71773 30 days	#8x1" Black 1/4" Hex Self Tap Screw	17.00 9 4.09	14.03 13.69 13.52
71773 250 PACK	Wireless Solutions 71773 30 days	#8x1" Black 1/4" Hex Self Tap Screw	4.50 2.25 1.02	3.72 3.63 3.58
89606 1000 PACK	Wireless Solutions 89606 30 days	#8x1-1/2" Black 1/4" Hex Self Tap Screw	51.80 9.35 4.25	34.17 33.65 33.39

Zinc 1/4" Hex Self Tap Screw

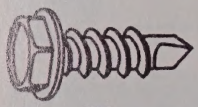


32990

1/4" Hex Washer Head Self-Taping Screws, ZINC

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
32990 1000 PACK	Wireless Solutions 32990 30 days	#8x1/2" Zinc 1/4" Hex Self Tap Screw	14.40 3.4 1.55	10.52 10.37 10.08
71383 1000 PACK	Wireless Solutions 71383 30 days	#8x3/4" Zinc 1/4" Hex Self Tap Screw	17.40 5 2.27	12.71 12.53 12.18
19776 1000 PACK	Wireless Solutions 19776 30 days	#8x1" Zinc 1/4" Hex Self Tap Screw	19.90 2 0.91	14.53 14.33 13.93

Black 1/4" Hex TEK Screw

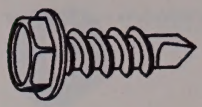


87485

Hex Washer Head Screws with Drill Bit TEK point. BLACK

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
20166 250 PACK	Wireless Solutions 20166 30 days	#8x1/2" Black 1/4" Hex TEK Screw	4.75 0.9 0.41	3.92 3.83 3.78
87485 1000 PACK	Wireless Solutions 20166 30 days	#8x1/2" Black 1/4" Hex TEK Screw	19.00 8 3.64	15.68 15.30 15.11
35878 1000 PACK	Wireless Solutions 58559 30 days	#8x3/4" Black 1/4" Hex TEK Screw	26.40 9 4.09	21.78 21.26 20.99
58559 250 PACK	Wireless Solutions 58559 30 days	#8x3/4" Black 1/4" Hex TEK Screw	6.60 2.25 1.02	5.45 5.32 5.25
74271 1000 PACK	Wireless Solutions 96952 30 days	#8x1" Black 1/4" Hex TEK Screw	31.00 9 4.09	25.58 24.96 24.65
96952 250 PACK	Wireless Solutions 96952 30 days	#8x1" Black 1/4" Hex TEK Screw	7.75 2.25 1.02	6.40 6.24 6.17
22664 1000 PACK	Wireless Solutions 45345 30 days	#8x1-1/2" Black 1/4" Hex TEK Screw	41.80 9.35 4.25	34.49 33.65 33.24
45345 250 PACK	Wireless Solutions 45345 30 days	#8x1-1/2" Black 1/4" Hex TEK Screw	10.45 1.84 0.84	8.63 8.42 8.31

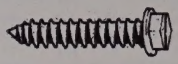
Zinc 1/4" Hex TEK Screw



Hex Washer Head Screws with Drill Bit TEK point. ZINC

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
96600 1000 PACK	Wireless Solutions 96600 30 days	#8x1/2" Zinc 1/4" Hex TEK Screw	16.60 10 4.54	13.67 13.34 13.17
58169 1000 PACK	Wireless Solutions 58169 30 days	#8x3/4" Zinc 1/4" Hex TEK Screw	24.40 2 0.91	17.82 17.57 17.08
44955 1000 PACK	Wireless Solutions 44955 30 days	#8x1" Zinc 1/4" Hex TEK Screw	27.20 5.24 2.38	19.86 19.59 19.04

Lag Screws-Hex Head



ZINC plated, hex head lag screws with 60 degree gimlet point. 100 per pack.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
85613 100 PACK	TESSCO Services 25R100BHLSZ 2 Years	1/4" x 1" 1/4" x 1" zinc plated, hex head lag screws with 60 degree gimlet point. 100 per pack.	6.80 2 0.91	5.04 4.90 4.73

Lag Screws and Shields

14176

ZINC-alloy galvanized, hex head lag screws with 60 degree gimlet point and la shields.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
14176 10 PACK	Microflect/Valmont B547 2 Years	3/8" x 1 1/2" MICROFLECT 3/8" x 1 1/2" galvanized lag screw and expansion shield. 10 per package.	18.00 1 0.45	17.73 17.64 17.55
35255 50 PACK	TESSCO Services 25NSLG/LONG 2 Years	1/4" x 1 1/2" CASCADE 1/4" x 1 1/2" zinc alloy lag shields. Long versions. 50 per pack.	10.70 2 0.91	7.92 7.71 7.44
48469 100 PACK	TESSCO Services 37R125BHLSZ 2 Years	3/8" x 1 1/4 CASCADE 3/8" x 1 1/4" zinc plated, hex head lag screws with 60 degree gimlet point. 100 per pack.	14.40 4 1.82	10.66 10.37 10.01
62695 100 PACK	TESSCO Services 31R300BHLSG 2 Years	5/16" x 3" CASCADE 5/16" x 3" galvanized, hex head lag screws with 60 degree gimlet point. 100 per pack.	17.55 5.3 2.41	12.99 12.64 12.20
73648 50 PACK	TESSCO Services 37NSLG/SHORT 2 Years	3/8" x 1 3/4" CASCADE 3/8" x 1 3/4" zinc alloy lag shields. Short version. 50 per pack.	24.90 3.4 1.55	18.42 17.92 17.30
86862 100 PACK	TESSCO Services 25R125BHLSZ 2 Years	1/4" x 1 1/4" CASCADE 1/4" x 1 1/4" zinc plated, hex head lag screws with 60 degree gimlet point. 100 per pack.	7.90 2 0.91	5.85 5.69 5.50
NEW 417380 1 EACH	Wireless Solutions GLS-0314 3 Years	3/8" x 1 1/2" WIRELESS SOLUTIONS 3/8" x 1 1/2" galvanized lag screw only. 1 each	0.30 0.1 0.05	0.30 0.30 0.29
52569 10 PACK	Microflect/Valmont B531 2 Years	3/8" x 1 1/2" MICROFLECT 3/8" x 1 1/2" galvanized lag screw only. 10 per package.	3.00 0.5 0.23	2.96 2.94 2.93

TESSCO TECHNOLOGIES®

■NORTH AMERICA 800-472-7373
■REST OF WORLD +1 410-229-1200
■FAX 410-527-0005
■WWW.TESSCO.COM

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See TESSCO.com for latest pricing and products
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lush Wall Insert

65783

MICROFLECT 1/2" flush wall insert. Use with stainless steel hardware. 23/32" deep. 5 per package.

t No. /Uom	Manufacturer Mfg. P/N Warranty	Size, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
783 ACK	Microflect/Valmont B178 2 Years	1/2" x 23/32" deep. MICROFLECT 1/2" flush wall insert. Use with stainless steel hardware. 23/32" deep. 5 per package.	10.00 0.8 0.36	9.85 9.80 9.75

eeve Anchor

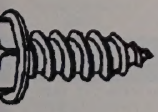
421171 480145 12927

Galvanized sleeve anchor for use in concrete block.

51320

t No. /Uom	Manufacturer Mfg. P/N Warranty	Size, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 171 ACH	Uneeda Bolt & Screw Co,Inc 3/8" SS ANCHOR 1 Year	UNEEDA 3/8"-16 Snap-Off Self-Drill Anchor. 9/16" Outer Dia. Made of 302 stainless steel.	1.50 0.16 0.07	1.50 1.49 1.47
EW 145 ACH	Wireless Solutions MT-262 3 Years	1/4" x 2" Sleeve Anchor for use in concrete block	0.90 1 0.45	0.89 0.88 0.87
EW 194 ACH	Wireless Solutions MT-263 3 Years	3/8" x 1-7/8" Sleeve Anchor for use in concrete block.	1.10 1 0.45	1.08 1.07 1.06
927 ACK	Microflect/Valmont B1203 2 Years	MICROFLECT 3/8" x 2-1/4" zinc plated sleeve anchor; 2" deep sleeve. Package of 5.	7.00 1 0.45	6.90 6.86 6.83
EW 117 ACH	Wireless Solutions MT-264 3 Years	3/8" x 2-1/2" Sleeve Anchor for use in concrete block.	1.30 1 0.45	1.28 1.27 1.25
EW 113 ACH	Wireless Solutions MT-265 3 Years	3/8" x 3-3/4" Sleeve Anchor for use in concrete block.	1.60 1 0.45	1.57 1.56 1.54
320 ACK	Microflect/Valmont B1204 2 Years	1/2" x 2-1/4" X 2"d MICROFLECT 1/2" x 2-1/4" zinc plated sleeve anchor 2" deep sleeve. Package of 5.	13.00 1 0.45	12.81 12.74 12.68

ack 5/16" Hex Screw

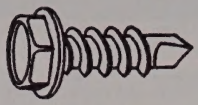


37118

5/16" hex head Self Tapping

No. Uom	Manufacturer Mfg. P/N Warranty	Size, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
118 ACK	Wireless Solutions 37118 30 days	#10x1/2" Black 5/16" Hex Screw	19.35 1.5 0.68	14.10 13.91 13.52
511 ACK	Wireless Solutions 75511 30 days	#10x3/4" Black 5/16" Hex Screw	21.10 1.5 0.68	15.39 15.18 14.76
904 ACK	Wireless Solutions 23904 30 days	#10 x 1" Black 5/16" Hex Screw	21.90 2 0.91	15.98 15.77 15.33

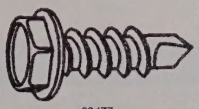
Black 5/16" Hex TEK Screws



5/16" hex head TEK screw.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
15691 250 PACK	Wireless Solutions 15691 30 days	#10x1/2" Black 5/16" Hex TEK Screws	10.00 1.25 0.57	7.40 7.20 6.95
67298 1000 PACK	Wireless Solutions 15691 30 days	#10x1/2" Black 5/16" Hex TEK Screws	40.00 5.94 2.7	29.60 28.80 27.80
39621 1000 PACK	Wireless Solutions 78014-1000 30 days	#10x3/4" Black 5/16" Hex TEK Screws	42.00 6.98 3.17	31.08 30.24 29.19
78014 250 PACK	Wireless Solutions 78014 30 days	#10x3/4" Black 5/16" Hex TEK Screws	10.50 1.48 0.67	7.77 7.56 7.30
40870 250 PACK	Wireless Solutions 40870 30 days	#10x1" Black 5/16" Hex TEK Screws	11.25 2 0.91	8.33 8.10 7.82
68547 1000 PACK	Wireless Solutions 68547 30 days	#10x1" Black 5/16" Hex TEK Screws	70.35 8.34 3.79	46.43 45.73 45.37
42119 250 PACK	Wireless Solutions 42119 30 days	#10x1-1/4" Black 5/16" Hex TEK Screws	13.40 4 1.82	9.79 9.65 9.38
93726 1000 PACK	Wireless Solutions 93726 30 days	#10x1-1/4" Black 5/16" Hex TEK Screws	53.60 10.05 4.57	39.67 38.60 37.26
32131 250 PACK	Wireless Solutions 32131 30 days	#10x1-1/2" Black 5/16" Hex TEK Screws	13.95 2.85 1.3	10.33 10.05 9.70
66592 1000 PACK	Wireless Solutions 66592 30 days	#10x1-1/2" Black 5/16" Hex TEK Screws	55.80 11.38 5.17	41.30 40.18 38.79
14442 250 PACK	Wireless Solutions 14442 30 days	#10x2" Black 5/16" Hex TEK Screws	33.75 3.15 1.43	24.62 24.28 23.61
25804 250 PACK	Wireless Solutions 25804 30 days	#10x3" Zinc 5/16" Hex TEK Screw	36.60 4 1.82	27.74 27.36 26.60
66049 1000 PACK	Wireless Solutions 66049 30 days	#10x2" Black 5/16" Hex TEK Screws	107.90 14.22 6.46	71.22 70.14 69.60

Zinc 5/16" Hex TEK Screws



92477

5/16" hex head TEK screw.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
54084 1000 PACK	Wireless Solutions 92477 30 days	#10x1/2" Zinc 5/16" Hex TEK Screws	51.65 5.97 2.71	34.09 33.57 33.31
92477 250 PACK	Wireless Solutions 92477 30 days	#10x1/2" Zinc 5/16" Hex TEK Screw	10.75 1.5 0.68	7.84 7.74 7.52
26407 1000 PACK	Wireless Solutions 26407 30 days	#10x3/4" Zinc 5/16" Hex TEK Screws	44.00 6.94 3.15	29.04 28.60 28.38
64800 250 PACK	Wireless Solutions 64800 30 days	#10x3/4" Zinc 5/16" Hex TEK Screws	13.75 1.5 0.68	10.03 9.90 9.62
27656 250 PACK	Wireless Solutions 27656 30 days	#10x1" Zinc 5/16" Hex TEK Screws	16.25 2 0.91	11.86 11.70 11.37
79263 1000 PACK	Wireless Solutions 79263 30 days	#10x1" Zinc 5/16" Hex TEK Screws	52.00 8.62 3.92	34.32 33.80 33.54
28905 250 PACK	Wireless Solutions 28905 30 days	#10x1-1/4" Zinc 5/16" Hex TEK Screws	18.35 2.5 1.14	13.38 13.19 12.83
80512 1000 PACK	Wireless Solutions 80512 30 days	#10x1-1/4" Zinc 5/16" Hex TEK Screws	58.65 9.83 4.47	38.71 38.12 37.83

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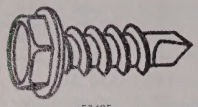
Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
16940 1000 PACK	Wireless Solutions 16940 30 days	#10x1-1/2" Zinc 5/16" Hex TEK Screws	66.50 11.38 5.17	43.89 43.23 42.90
55333 250 PACK	Wireless Solutions 55333 30 days	#10x1-1/2" Zinc 5/16" Hex TEK Screws	20.80 3 1.36	15.17 14.97 14.55
91228 250 PACK	Wireless Solutions 91228 30 days	#10x2" Zinc 5/16" Hex TEK Screws	24.30 3.5 1.59	17.74 17.50 17.01

Zinc 3/8" Hex TEK Screws

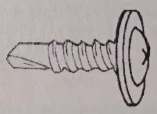


53485

3/8" hex head TEK screw.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
53485 250 PACK	Wireless Solutions 53485 30 days	1/4"x 3/4" Zinc 3/8" Hex TEK Screws	33.80 5.59 2.54	24.68 24.34 23.66
78098 250 PACK	Wireless Solutions 78098 30 days	1/4"x 3/4" Zinc 3/8" Hex TEK Screws	19.50 4 1.82	14.21 14.02 13.63
84646 250 PACK	Wireless Solutions 84646 30 days	1/4"x 2" Zinc 3/8" Hex TEK Screws	38.50 5.75 2.61	28.11 27.72 26.95
81761 250 PACK	Wireless Solutions 81761 30 days	1/4"x1-1/2" Black 3/8" Hex TEK Screws	45.75 5.59 2.54	33.39 32.94 32.02
43368 250 PACK	Wireless Solutions 43368 30 days	1/4"x1" Black 3/8" Hex TEK Screws	37.15 4.21 1.91	27.10 26.73 25.99
91878 250 PACK	Wireless Solutions 91878 30 days	1/4"x 1 1/4" Zinc 3/8" Hex TEK Screws	41.05 5.59 2.54	29.95 29.54 28.72

Black Phillips Wafer Head TEK

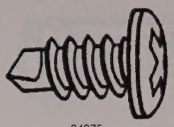


46323

Phillips wafer Head

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
46323 1000 PACK	Wireless Solutions 46323 30 days	#8x1/2" (1.27cm) Black Phillips Wafer Head TEK	21.80 6.83 3.1	16.14 15.70 15.16
84716 250 PACK	Wireless Solutions 84716 30 days	#8x1/2" (1.27cm) Black Phillips Wafer Head TEK	5.50 1 0.45	4.07 3.96 3.83
33109 1000 PACK	Wireless Solutions 33109 30 days	#8x3/4" (1.905cm) Black Phillips Wafer Head TEK	24.60 6.83 3.1	18.21 17.72 17.10
71502 250 PACK	Wireless Solutions 71502 30 days	#8x3/4" (1.905cm) Black Phillips Wafer Head TEK	6.15 1.71 0.78	4.56 4.43 4.28
19895 1000 PACK	Wireless Solutions 19895 30 days	#8x1" (2.54cm) Black Phillips Wafer Head TEK	35.00 5.7 2.59	25.90 25.20 24.33
58288 250 PACK	Wireless Solutions 58288 30 days	#8x1" (2.54cm) Black Phillips Wafer Head TEK	8.75 1.5 0.68	6.48 6.30 6.09

Zinc Phillips Pan Head TEK

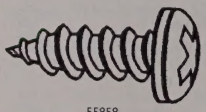


94975

Phillips TEK screw.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
13718 250 PACK	Wireless Solutions 13718 30 days	#8x1/2" (1.27cm) Zinc Phillips Pan Head TEK	8.15 0.8 0.36	5.93 5.85 5.69
65325 1000 PACK	Wireless Solutions 65325 30 days	#8x1/2" (1.27cm) Zinc Phillips Pan Head TEK	26.00 3.25 1.48	17.16 16.90 16.77
52111 1000 PACK	Wireless Solutions 52111 30 days	#8x3/4" (1.905cm) Zinc Phillips Pan Head TEK	30.50 4.73 2.15	20.13 19.83 19.68
90504 250 PACK	Wireless Solutions 90504 30 days	#8x3/4" (1.905cm) Zinc Phillips Pan Head TEK	9.55 1 0.45	6.95 6.86 6.67
77290 250 PACK	Wireless Solutions 77290 30 days	#8x1" (2.54cm) Zinc Phillips Pan Head TEK	12.35 1.5 0.68	9.01 8.89 8.64
64076 250 PACK	Wireless Solutions 64076 30 days	#8x1-1/4" (3.175cm) Zinc Phillips Pan Head TEK	15.00 1.5 0.68	10.95 10.80 10.50
50862 250 PACK	Wireless Solutions 50862 30 days	#8x1-1/2" (3.81cm) Zinc Phillips Pan Head TEK	16.00 2 0.91	11.66 11.50 11.18
19438 1000 PACK	Wireless Solutions 57831 30 days	#10x1/2" (1.27cm) Zinc Phillips Pan Head TEK	39.20 4.75 2.16	31.02 30.55 30.32
57831 250 PACK	Wireless Solutions 57831 30 days	#10x1/2" (1.27cm) Zinc Phillips Pan Head TEK	12.30 1.13 0.51	10.30 10.16 9.87
44617 250 PACK	Wireless Solutions 44617 30 days	#10x3/4" (1.905cm) Zinc Phillips Pan Head TEK	13.15 1.5 0.68	9.58 9.45 9.19
96224 1000 PACK	Wireless Solutions 96224 30 days	#10x3/4" (1.905cm) Zinc Phillips Pan Head TEK	42.00 6.53 2.97	27.72 27.30 27.09
31403 250 PACK	Wireless Solutions 31403 30 days	#10x1" (2.54cm) Zinc Phillips Pan Head TEK	16.25 2 0.91	11.86 11.70 11.37
18189 250 PACK	Wireless Solutions 18189 30 days	#10x1-1/4" (3.175cm) Zinc Phillips Pan Head TEK	18.70 2 0.91	13.63 13.44 13.07
94975 250 PACK	Wireless Solutions 94975 30 days	#10x1-1/2" (3.81cm) Zinc Phillips Pan Head TEK	21.55 2.5 1.14	15.73 15.51 15.08

Zinc Phillips Pan Head Self Tap



55858

Phillips self-tapping screw.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
17465 1000 PACK	Wireless Solutions 17465 30 days	#8x1/2" (1.27cm) Zinc Phillips Pan Head Self Tap	18.05 3.51 1.6	11.91 11.73 11.64
55858 250 PACK	Wireless Solutions 55858 30 days	#8x1/2" (1.27cm) Zinc Phillips Pan Head Self Tap	5.65 1 0.45	4.12 4.07 3.95
42644 250 PACK	Wireless Solutions 42644 30 days	#8x3/4" (1.905cm) Zinc Phillips Pan Head Self Tap	7.00 1 0.45	5.09 5.02 4.88
94251 1000 PACK	Wireless Solutions 94251 30 days	#8x3/4" (1.905cm) Zinc Phillips Pan Head Self Tap	22.30 4.63 2.1	14.70 14.47 14.36
29430 250 PACK	Wireless Solutions 29430 30 days	#8x1" (2.54cm) Zinc Phillips Pan Head Self Tap	8.00 1 0.45	5.83 5.75 5.59
16216 250 PACK	Wireless Solutions 16216 30 days	#8x1-1/4" (3.175cm) Zinc Phillips Pan Head Self Tap	9.80 1.5 0.68	7.14 7.05 6.85

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REST OF WORLD +1 410-229-1200
FAX 410-527-0005
WWW.TESSCO.COM

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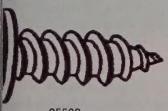
uing product table (2 of 2)

No. Uom	Manufacturer Mfg. P/N Warranty	Size, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
002 ACK	Wireless Solutions 93002 30 days	#8x1-1/2" (3.81cm) Zinc Phillips Pan Head Self Tap	11.50 2 0.91	8.37 8.26 8.03
578 PACK	Wireless Solutions 61578 30 days	#10x1/2" (1.27cm) Zinc Phillips Pan Head Self Tap	25.00 5.05 2.3	16.50 16.25 16.13
071 ACK	Wireless Solutions 99971 30 days	#10x1/2" (1.27cm) Zinc Phillips Pan Head Self Tap	7.80 1 0.45	5.70 5.62 5.46
757 ACK	Wireless Solutions 86757 30 days	#10x3/4" (1.905cm) Zinc Phillips Pan Head Self Tap	9.20 1.5 0.68	6.71 6.61 6.43
543 ACK	Wireless Solutions 73543 30 days	#10x1" (2.54cm) Zinc Phillips Pan Head Self Tap	10.75 1.5 0.68	7.83 7.72 7.51
329 ACK	Wireless Solutions 60329 30 days	#10x1-1/4" (3.175cm) Zinc Phillips Pan Head Self Tap	12.90 2 0.91	9.39 9.26 9.01
115 ACK	Wireless Solutions 47115 30 days	#10x1-1/2" (3.81cm) Zinc Phillips Pan Head Self Tap	14.80 2.5 1.14	10.78 10.63 10.34

ack Phillips Pan Head TEK



Phillips TEK screw.

85508

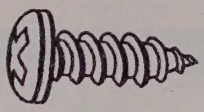
uing product table (1 of 2)

No. Uom	Manufacturer Mfg. P/N Warranty	Size, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
395 PACK	Wireless Solutions 41395 30 days	#8x1/2" (1.27cm) Black Phillips Pan Head TEK	23.80 3.05 1.39	17.62 17.14 16.55
788 ACK	Wireless Solutions 79788 30 days	#8x1/2" (1.27cm) Black Phillips Pan Head TEK	5.95 0.8 0.36	4.41 4.29 4.14
181 PACK	Wireless Solutions 28181 30 days	#8x3/4" (1.905cm) Black Phillips Pan Head TEK	31.20 4.73 2.15	23.09 22.47 21.69
574 ACK	Wireless Solutions 66574 30 days	#8x3/4" (1.905cm) Black Phillips Pan Head TEK	7.80 1.18 0.54	5.78 5.62 5.43
967 PACK	Wireless Solutions 14967 30 days	#8x1" (2.54cm) Black Phillips Pan Head TEK	32.00 5.84 2.65	23.68 23.04 22.24
360 ACK	Wireless Solutions 53360 30 days	#8x1" (2.54cm) Black Phillips Pan Head TEK	8.00 6.5 2.95	5.92 5.76 5.56
146 ACK	Wireless Solutions 40146 30 days	#8x1-1/4" (3.175cm) Black Phillips Pan Head TEK	19.70 1.5 0.68	14.37 14.17 13.78
539 PACK	Wireless Solutions 78539 30 days	#8x1-1/2" (3.81cm) Black Phillips Pan Head TEK	68.50 7.99 3.63	45.21 44.53 44.19
932 ACK	Wireless Solutions 26932 30 days	#8x1-1/2" (3.81cm) Black Phillips Pan Head TEK	21.40 2 0.91	15.63 15.41 14.98
901 ACK	Wireless Solutions 33901 30 days	#10x1/2" (1.27cm) Black Phillips Pan Head TEK	7.25 1 0.45	5.37 5.22 5.04
508 PACK	Wireless Solutions 85508 30 days	#10x1/2" (1.27cm) Black Phillips Pan Head TEK	29.00 5.38 2.45	21.46 20.88 20.16
687 ACK	Wireless Solutions 20687 30 days	#10x3/4" (1.905cm) Black Phillips Pan Head TEK	17.65 1.5 0.68	12.88 12.71 12.35
294 PACK	Wireless Solutions 72294 30 days	#10x3/4" (1.905cm) Black Phillips Pan Head TEK	56.45 6.73 3.06	37.25 36.69 36.41
080 PACK	Wireless Solutions 97473 30 days	#10x1" (2.54cm) Black Phillips Pan Head TEK	42.00 0.05 0.02	34.65 33.81 33.39
173 ACK	Wireless Solutions 97473 30 days	#10x1" (2.54cm) Black Phillips Pan Head TEK	10.50 2 0.91	8.67 8.46 8.35
259 ACK	Wireless Solutions 84259 30 days	#10x1-1/4" (3.175cm) Black Phillips Pan Head TEK	25.00 2 0.91	18.25 18.00 17.50
652 PACK	Wireless Solutions 32652 30 days	#10x1-1/2" (3.81cm) Black Phillips Pan Head TEK	92.30 10.81 4.91	60.92 60.00 59.54

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
71045 250 PACK	Wireless Solutions 71045 30 days	#10x1-1/2" (3.81cm) Black Phillips Pan Head TEK	28.85 2.5 1.14	21.06 20.77 20.19

Black Phillips Pan Head Self Tap



Phillips self-tapping screw.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
16609 1000 PACK	Wireless Solutions 16609 30 days	#8x1/4" (0.64cm) Black Phillips Pan Head Self Tap	28.95 1 0.45	21.41 20.83 20.10
29823 250 PACK	Wireless Solutions 29823 30 days	#8x1/4" (0.64cm) Black Phillips Pan Head Self Tap	7.25 1 0.45	5.35 5.21 5.03
31928 250 PACK	Wireless Solutions 31928 30 days	#8x1/2" (1.27cm) Black Phillips Pan Head Self Tap	3.20 0.82 0.37	2.61 2.55 2.52
83535 1000 PACK	Wireless Solutions 31928 30 days	#8x1/2" (1.27cm) Black Phillips Pan Head Self Tap	12.40 3.48 1.58	10.23 9.99 9.86
18714 250 PACK	Wireless Solutions 18714 30 days	#8x3/4" (1.905cm) Black Phillips Pan Head Self Tap	3.60 1.05 0.48	2.97 2.90 2.87
70321 1000 PACK	Wireless Solutions 18714 30 days	#8x3/4" (1.905cm) Black Phillips Pan Head Self Tap	14.40 4.61 2.1	11.88 11.60 11.45
57107 1000 PACK	Wireless Solutions 95500 30 days	#8x1" (2.54cm) Black Phillips Pan Head Self Tap	15.00 5.63 2.56	12.38 12.08 11.93
95500 250 PACK	Wireless Solutions 95500 30 days	#8x1" (2.54cm) Black Phillips Pan Head Self Tap	3.75 1.5 0.68	3.10 3.02 2.99
82286 250 PACK	Wireless Solutions 82286 30 days	#8x1-1/4" (3.175cm) Black Phillips Pan Head Self Tap	14.45 2 0.91	10.55 10.40 10.11
30679 1000 PACK	Wireless Solutions 69072 30 days	#8x1-1/2" (3.81cm) Black Phillips Pan Head Self Tap	21.80 7.74 3.52	17.99 17.55 17.34
69072 250 PACK	Wireless Solutions 69072 30 days	#8x1-1/2" (3.81cm) Black Phillips Pan Head Self Tap	5.45 2 0.91	4.50 4.39 4.34
47843 1000 PACK	Wireless Solutions 95703 30 days	#8x2" (5.08cm) Black Phillips Pan Head Self Tap	27.80 8.25 3.75	22.94 22.38 22.11
95703 250 PACK	Wireless Solutions 95703 30 days	#8x2" (5.08cm) Black Phillips Pan Head Self Tap	6.95 2.06 0.94	5.74 5.60 5.53
44096 250 PACK	Wireless Solutions 44096 30 days	#8x3" (7.62cm) Black Phillips Pan Head Self Tap	10.90 2.5 1.14	9.00 8.78 8.67
37648 250 PACK	Wireless Solutions 37648 30 days	#10x1/2" (1.27cm) Black Phillips Pan Head Self Tap	4.95 1 0.45	3.67 3.57 3.44
89255 1000 PACK	Wireless Solutions 89255 30 days	#10x1/2" (1.27cm) Black Phillips Pan Head Self Tap	19.80 5.11 2.32	14.66 14.26 13.77
24434 250 PACK	Wireless Solutions 24434 30 days	#10x3/4" (1.905cm) Black Phillips Pan Head Self Tap	5.10 1.5 0.68	4.21 4.11 4.06
76041 1000 PACK	Wireless Solutions 24434 30 days	#10x3/4" (1.905cm) Black Phillips Pan Head Self Tap	20.40 6.57 2.99	16.83 16.43 16.22
11220 250 PACK	Wireless Solutions 11220 30 days	#10x1" (2.54cm) Black Phillips Pan Head Self Tap	8.55 2 0.91	7.04 6.87 6.79
62827 1000 PACK	Wireless Solutions 11220 30 days	#10x1" (2.54cm) Black Phillips Pan Head Self Tap	24.00 7.77 3.53	19.80 19.32 19.08
88006 250 PACK	Wireless Solutions 88006 30 days	#10x1-1/4" (3.175cm) Black Phillips Pan Head Self Tap	19.00 2 0.91	13.86 13.67 13.29
74792 250 PACK	Wireless Solutions 74792 30 days	#10x1-1/2" (3.81cm) Black Phillips Pan Head Self Tap	21.75 2.5 1.14	15.86 15.64 15.21

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Black Phillips Wafer Head Stingers

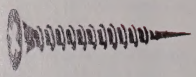
Phillips wafer Head Stinger. Super Sharp

14326

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size, Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
14326 250 PACK	Wireless Solutions 14326 30 days	#8x1/2" (1.27cm) Black Phillips Wafer Head Stingers	3.20 1 0.45	2.61 2.55 2.52
52719 1000 PACK	Wireless Solutions 14326 30 days	#8x1/2" (1.27cm) Black Phillips Wafer Head Stingers	12.60 3.2 1.45	10.40 10.15 10.02
91112 250 PACK	Wireless Solutions 91112 30 days	#8x3/4" (1.905cm) Black Phillips Wafer Head Stingers	5.30 1 0.45	4.36 4.25 4.20
39505 1000 PACK	Wireless Solutions 91112 30 days	#8x3/4" (1.905cm) Black Phillips Wafer Head Stingers	21.00 6.83 3.1	17.33 16.91 16.70

Metal Piercing Stingers [640-25]

Stingers



Metal Piercing Stingers

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Color	Size	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
45667 1000 PACK	Wireless Solutions 84060 30 days	Black	#6 x 1" (2.54cm)	11.80 3.3 1.5	9.74 9.50 9.39
84060 250 PACK	Wireless Solutions 84060 30 days	Black	#6 x 1" (2.54cm)	3.05 0.82 0.37	2.49 2.43 2.40
32453 1000 PACK	Wireless Solutions 32453 30 days	Black	#6 x 1-1/8 (2.86cm)	18.00 3.4 1.55	11.88 11.70 11.61
70846 250 PACK	Wireless Solutions 70846 30 days	Black	#6 x 1-1/8 (2.86cm)	8.50 0.85 0.39	5.59 5.50 5.46
19239 1000 PACK	Wireless Solutions 57632 30 days	Black	#6 x 1-1/4 (3.175cm)	12.00 3.75 1.7	9.90 9.66 9.54
57632 250 PACK	Wireless Solutions 57632 30 days	Black	#6 x 1-1/4 (3.175cm)	3.00 0.93 0.42	2.48 2.42 2.39
18917 1000 PACK	Wireless Solutions 57310 30 days	Black	#6 x 1-1/2 (3.81cm)	16.00 5 2.27	13.20 12.88 12.72
57310 250 PACK	Wireless Solutions 57310 30 days	Black	#6 x 1-1/2 (3.81cm)	4.00 1.25 0.57	3.80 3.72 3.52
61057 1000 PACK	Wireless Solutions 61057 30 days	Black	#6 x 2 (5.08cm)	20.60 5 2.27	15.25 14.84 14.32
70524 250 PACK	Wireless Solutions 70524 30 days	Black	#6 x 2 (5.08cm)	5.15 1.36 0.62	3.82 3.71 3.58
44418 250 PACK	Wireless Solutions 44418 30 days	Black	#8 x 2 (5.08cm)	16.25 2.58 1.17	12.34 12.17 11.83
96025 1000 PACK	Wireless Solutions 44418 30 days	Black	#8 x 2 (5.08cm)	46.60 10.33 4.69	41.19 40.56 40.25
53400 100 PACK	Wireless Solutions SSS853/100 30 days	Black	#8 x 3" (7.62cm)	3.20 1 0.45	2.61 2.55 2.52

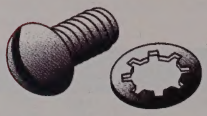
Machine Screws [640-28]

Cap Screws

Zinc-plated, Grade 5 or Stainless Steel Hex Steel Cap Screw 100 per box.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 459333 100 PACK	Wireless Solutions 25C75HCS5Z 1 Year	1/4"-20 x 3/4" hex head, zinc plated steel cap screw. Grade 5. 100 per pack. 1/4"x20x3/4"	6.20 0.75 0.34	4.53 4.47 4.34
NEW 445350 100 PACK	Wireless Solutions 25C100HCS5Z 1 Year	1/4-20 x 1" hex head, zinc plated steel cap screw. Grade 5. 100 per pack. 1/4" x 20 x 1"	7.00 1 0.45	5.11 5.04 4.90
28680 100 PACK	TESSCO Services 25C100HSC3 2 Years	1/4"-20 X 1" stainless steel hex cap screws. 100 per pack. 1/4-20 x 1"	17.80 2 0.91	13.18 12.82 12.38
84364 100 PACK	TESSCO Services 25C150HSC3 2 Years	1/4"-20 X 1.5" stainless steel hex cap screws. 100 per pack.	22.80 0.03 0.01	16.88 16.42 15.85

Round Head Screws



3/8" stainless steel round head screws and lockwashers. For use with waveguide cushion assemblies. Package of 10.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
36857 10 PACK	Microflect/Valmont B1205 2 Years	5/8" long	4.25 0.4 0.18	4.19 4.17 4.15
26742 10 PACK	Microflect/Valmont B238 2 Years	3/8" x 1/2" long round head screws only. 10 per package.	4.00 0.28 0.13	3.94 3.92 3.90
88464 10 PACK	Microflect/Valmont B1304 2 Years	3/4" long	4.50 0.4 0.18	4.44 4.41 4.39
75250 10 PACK	Microflect/Valmont B298 2 Years	1" long	6.25 0.5 0.23	6.16 6.13 6.10
76388 100 PACK	MGB Fastener 3/8X1/2RDSSSCR 2 Years	3/8" x 1/2" long round head screws only. Stainless steel. 100 per package.	35.00 5 2.27	26.25 25.55 24.50
24781 100 PACK	MGB Fastener 3/8X1RDSSSCR 2 Years	3/8" x 1" long round head screws only. Stainless steel. 100 per package.	42.00 5 2.27	31.50 30.66 29.40

Stainless Steel Type 18-8 Bolts

WIRELESS SOLUTIONS Type 18-8 Stainless Steel Bolts.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 423156 1 EACH	Wireless Solutions SB-0206 3 Years	1/4" x 3/4" stainless steel bolt. Type 18-8. 1 per package. 1/4" x 3/4" -	0.25 0.1 0.05	0.25 0.25 0.24
NEW 496184 1 EACH	Wireless Solutions SB-0210 3 Years	1/4" x 1" stainless steel bolt. Type 18-8. 1 per package.	0.25 0.1 0.05	0.25 0.25 0.24
NEW 44608 1 EACH	Wireless Solutions SB-0310 3 Years	3/8" x 1" stainless steel bolt. Type 18-8. 1 per package.	0.60 0.1 0.05	0.59 0.59 0.58

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FAX 410-527-0005
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inuing product table (2 of 2)

t No. Uom	Manufacturer Mfg. P/N Warranty	Description Size Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 043 ACH	Wireless Solutions SB-0312 3 Years	3/8" x 1-1/4" stainless steel bolt. Type 18-8. 1 per package	0.60 0.1 0.05	0.59 0.59 0.58
EW 8187 ACH	Wireless Solutions SB-0316 3 Years	3/8" x 1-3/4" stainless steel bolt. Type 18-8. 1 per package.	0.70 0.7 0.32	0.69 0.68 0.68
EW 1195 ACH	Wireless Solutions SB-0320 3 Years	3/8" x 2" stainless steel bolt. Type 18-8. 1 per package.	0.70 0.7 0.32	0.69 0.68 0.68

ructural Bolt Assem. Hot-dipped.

Wireless Solutions and Rohn Hot-dipped galvanized steel structural bolt assemblies. Wireless Solutions kit includes Bolt, Hex nut and Washer. Rohn kit includes Bolt, Hex nut and Pal nut.

t No. Uom	Manufacturer Mfg. P/N Warranty	Description Size Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 3157 ACK	Wireless Solutions GB-03125 3 Years	3/8" x 1-1/4".	0.55 0.55 0.25	0.54 0.54 0.53
EW 3148 ACK	Wireless Solutions GB-03145 3 Years	3/8" x 1-1/2".	0.60 0.6 0.27	0.59 0.59 0.58
EW 5190 ACK	Wireless Solutions GB-03165 3 Years	3/8" x 1-3/4".	0.65 0.65 0.3	0.64 0.64 0.63
EW 4124 ACK	Wireless Solutions GB-03205 3 Years	3/8" x 2".	0.70 0.7 0.32	0.69 0.68 0.68
EW 0140 ACK	Wireless Solutions GB-03225 3 Years	3/8" x 2-1/4".	0.75 0.75 0.34	0.74 0.73 0.72
EW 7185 ACK	Wireless Solutions GB-04165 3 Years	1/2" x 1-3/4".	0.90 1 0.45	0.89 0.88 0.87
EW 5160 ACK	Wireless Solutions GB-05165 3 Years	5/8" x 1-3/4".	1.30 1.3 0.59	1.28 1.27 1.25

alvanized U-Bolt Assemblies.

Wireless Solutions and Rohn Galvanized U-bolt assemblies. Wireless Solutions assembly includes Round Bend U-bolt, two Hex Nuts and two Flat Washers. Rohn assembly includes Round Bend U-bolt, two Hex Nuts and two Pal Nuts. All components are hot-dipped galvanized.

nuing product table (1 of 2)

t No. Uom	Manufacturer Mfg. P/N Warranty	Description Size Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
956 ACH	Rohn Tower JR60A 1 Year	3/8" Dia 2-1/2" Wide 4" Long U-bolt Assembly.	1.30 0.15 0.07	1.09 1.05 1.00
528 ACH	Rohn Tower JR61A 1 Year	3/8" Dia 2-1/2" Wide 3.5" Long U-Bolt Assembly.	1.35 1 0.45	1.13 1.09 1.03
EW 5130 ACH	Wireless Solutions GUB-3304 3 Years	3/8" Dia. 3" Wide 4" Long U-bolt assembly.	3.50 0.3 0.14	3.43 3.40 3.36
999 ACH	Rohn Tower JR62A 1 Year	3/8" Dia 4" Wide 6" Long U-Bolt Assembly.	0.90 0.42 0.19	0.74 0.71 0.68
178 ACH	Rohn Tower JR63A 1 Year	3/8" Dia 4.5" Wide 6.5" long U-bolt assembly.	1.40 0.52 0.24	1.18 1.14 1.08
964 ACH	Rohn Tower JR64A 1 Year	3/8" Dia 3.5" Wide 4-5/8" long U-bolt assembly.	1.40 0.41 0.19	1.16 1.12 1.07
750 ACH	Rohn Tower JR66A 1 Year	3/8" Dia 1.25" Wide 2.75" Long U-bolt Assembly.	1.20 0.31 0.14	1.02 0.99 0.94
536 ACH	Rohn Tower JR68A 1 Year	3/8" Dia 2-1/8" Wide 3" long U-bolt Assembly.	1.60 0.31 0.14	1.34 1.29 1.23

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 448135 1 EACH	Wireless Solutions GUB-3244 3 Years	3/8" Dia. 2-1/2" Wide 4" Long U-bolt assembly.	3.25 1 0.45	3.19 3.16 3.12
91076 1 EACH	Rohn Tower JR83A 1 Year	1/2" Dia 2-1/2" Wide 4-1/2" Long U-bolt assembly.	2.15 1 0.45	1.82 1.75 1.67
NEW 442190 1 EACH	Wireless Solutions GUB-4260 3 Years	1/2" Dia. 2-1/2" Wide 6" Long U-bolt assembly.	4.00 1 0.45	3.92 3.88 3.84
NEW 474081 1 EACH	Wireless Solutions GUB-4340 3 Years	1/2" Dia. 3" Wide 4" Long U-bolt assembly.	4.25 1 0.45	4.17 4.13 4.08
NEW 417170 1 EACH	Wireless Solutions GUB-4355 3 Years	1/2" Dia. 3-5/8" Wide 5" Long U-bolt assembly.	4.75 1 0.45	4.66 4.61 4.56
19443 1 EACH	Rohn Tower JR85AW 1 Year	1/2" Dia 4-1/2" Wide 6" Long U-bolt assembly with flat washers.	3.30 0.88 0.4	2.80 2.70 2.57
NEW 497148 1 EACH	Wireless Solutions GUB-4456 3 Years	1/2" Dia. 4-5/8" Wide 6-1/2" Long U-bolt assembly.	6.00 1 0.45	5.88 5.82 5.76
37189 1 EACH	Rohn Tower JR87A 1 Year	1/2" Dia 6-3/4" Wide 9" Long U-bolt assembly.	3.60 1.27 0.58	3.06 2.95 2.80
57836 1 EACH	Rohn Tower JR89A 1 Year	1/2" Dia 4" Wide 6-1/2" Long U-bolt assembly.	2.55 1 0.45	2.17 2.10 1.99

U-Bolt Assemblies

Standard long tangent A307 hot dipped galvanized U-Bolts come complete with 2 flat washers, 2 lock washers and 2 nuts. U-Bolts are sized for standard pipe size.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
61427 1 EACH	Tower Structures U1.5 20 Years	1-1/2' U-Bolt Assembly Kit 1-1/2' U-Bolt Assembly Kit	2.50 0.8 0.36	2.50 2.45 2.43
99820 1 EACH	Tower Structures U2 20 Years	2" U-Bolt assembly kit. Made of 3/8" rod, 2 7/16" throat,5" length, 2 1/2" of threading per leg. 3/8" rod, 2 7/16" throat,5" length, 2 1/2" of threading per leg Galvanized	2.75 0.82 0.37	2.75 2.70 2.67
48213 1 EACH	Tower Structures U2.5 20 Years	2 1/2" U-Bolt assembly kit. Made of 1/2" rod, 2 15/16" throat, 5 3/4" length, 3" of threading per leg. 1/2" rod, 2 15/16" throat, 5 3/4" length, 3" of threading per leg. Galvanized	3.50 0.9 0.41	3.50 3.43 3.40
34999 1 EACH	Tower Structures U3 20 Years	3" U-Bolt assembly kit. Made of 1/2" rod, 3 9/16" throat,5 1/4" length, 3" of threading per leg. 1/2" rod, 3 9/16" throat,5 1/4" length, 3" of threading per leg Galvanized	4.00 1.02 0.46	4.00 3.92 3.88
73392 1 EACH	Tower Structures U3.5 20 Years	3 1/2" U-Bolt assembly kit. Made of 1/2" rod, 4 1/16" throat, 7" length, 3" of threading per leg. 1/2" rod, 4 1/16" throat, 7" length, 3" of threading per leg. Galvanized	5.50 1.1 0.5	5.50 5.39 5.34
21785 1 EACH	Tower Structures U4 20 Years	4" U-Bolt assembly kit. Made of 1/2" rod, 4 9/16" throat,7 1/4" length, 3" of threading per leg. 1/2" rod, 4 9/16" throat,7 1/4" length, 3" of threading per leg. Galvanized	6.00 1.2 0.55	6.00 5.88 5.82
60178 1 EACH	Tower Structures U5 20 Years	5" U-Bolt assembly kit. Made of 1/2" rod, 5 21/32" throat, 8 1/2" length, 3" of threading per leg. 1/2" rod, 5 21/32" throat, 8 1/2" length, 3" of threading per leg. Galvanized	7.00 1.3 0.59	7.00 6.86 6.79
28754 1 EACH	Tower Structures U6 20 Years	6" U-Bolt assembly kit. Made of 5/8" rod, 6 3/4" throat, 10" length, 3 3/4" of threading per leg. 5/8" rod, 6 3/4" throat, 10" length, 3 3/4" of threading per leg. Galvanized	8.50 2.4 1.09	8.50 8.33 8.25

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Continuing product table (2 of 2)

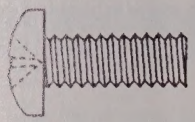
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
67147 1 EACH	Tower Structures U8 20 Years	8" U-Bolt assembly kit. Made of 5/8" rod, 8 3/4" throat, 12 1/4" length, 3 3/4" of threading per leg. Made of 5/8" rod, 8 3/4" throat, 12 1/4" length, 3 3/4" of threading per leg. Galvanized	9.00 2.9 1.32	9.00 8.82 8.73

J-Bolts, Hot-Dip Galvanized

J-bolts assemblies. Includes J-Bolt 2 Hex nuts and 2 Pal nuts. All components hot-dipped galvanized or have a yellow zinc dichromate finish.

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
69766 1 EACH	Rohn Tower J44AA 1 Year	3/8" Dia 5/8" Wide 4" Long J-Bolt assembly. Galvanized.	0.60 0.16 0.07	0.48 0.46 0.44
73444 1 EACH	Rohn Tower J51A 1 Year	3/8" Dia 5/8" Wide 5-11/16" J-bolt assembly. Galvanized.	0.85 0.23 0.1	0.71 0.69 0.65
39440 1 EACH	Rohn Tower J107A 1 Year	3/8" Dia 5/8" Wide 6-13/16" J-bolt assembly. Galvanized.	1.55 0.35 0.16	1.31 1.27 1.21

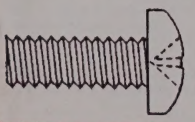
Black Phillips Pan Head Screws



Pan Head Phillips Machine Screw. BLACK

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
17990 250 PACK	Wireless Solutions 17990 30 days	Black Phillips Pan Head Screws #8-32x1/4" Black	12.30 0.7 0.32	8.98 8.86 8.61
94776 250 PACK	Wireless Solutions 94776 30 days	Black Phillips Pan Head Screws #8-32x3/8" Black	12.60 0.85 0.39	9.20 9.08 8.82
81562 250 PACK	Wireless Solutions 81562 30 days	Black Phillips Pan Head Screws #8-32x1/2" Black	12.90 0.98 0.45	9.39 9.26 9.01
68348 250 PACK	Wireless Solutions 68348 30 days	Black Phillips Pan Head Screws #8-32x3/4" Black	13.80 1.3 0.59	10.08 9.94 9.66
55134 250 PACK	Wireless Solutions 55134 30 days	Black Phillips Pan Head Screws #8-32x1" Black	15.00 1.55 0.7	10.93 10.78 10.48
41920 250 PACK	Wireless Solutions 41920 30 days	Black Phillips Pan Head Screws #10-32X1/2" Black	15.30 1.45 0.66	11.17 11.02 10.71
28706 250 PACK	Wireless Solutions 28706 30 days	Black Phillips Pan Head Screws #10-32x3/4" Black	16.80 1.83 0.83	12.24 12.07 11.74

Zinc Phillips Pan Head Screws



Pan Head Phillips Machine Screws. ZINC

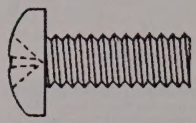
Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
474085 250 PACK	Wireless Solutions 74085 30 days	Zinc Phillips Pan Head Screws #6-32x5/8" Zinc	8.80 3.4 1.55	6.42 6.33 6.16

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
69597 250 PACK	Wireless Solutions 69597 30 days	Zinc Phillips Pan Head Screws #8-32x1/4" Zinc	4.40 0.7 0.32	3.22 3.17 3.08
56383 250 PACK	Wireless Solutions 56383 30 days	Zinc Phillips Pan Head Screws #8-32x3/8" Zinc	4.70 0.85 0.39	3.44 3.39 3.29
43169 250 PACK	Wireless Solutions 43169 30 days	Zinc Phillips Pan Head Screws #8-32x1/2" Zinc	5.00 0.98 0.45	3.63 3.58 3.48
29955 250 PACK	Wireless Solutions 29955 30 days	Zinc Phillips Pan Head Screws #8-32x3/4" Zinc	5.90 1.25 0.57	4.31 4.25 4.13
16741 250 PACK	Wireless Solutions 16741 30 days	Zinc Phillips Pan Head Screws #8-32x1" Zinc	11.80 1.55 0.7	7.77 7.66 7.60
93527 250 PACK	Wireless Solutions 93527 30 days	Zinc Phillips Pan Head Screws #10-32X1/2" Zinc	7.40 1.45 0.66	5.41 5.33 5.18
80313 250 PACK	Wireless Solutions 80313 30 days	Zinc Phillips Pan Head Screws #10-32x3/4" Zinc	8.90 1.83 0.83	6.47 6.38 6.21
67099 250 PACK	Wireless Solutions 67099 30 days	Zinc Phillips Pan Head Screws #10-32x1" Zinc	10.70 2.23 1.01	7.82 7.71 7.49
53885 250 PACK	Wireless Solutions 53885 30 days	Zinc Phillips Pan Head Screws #10-32x1-1/4" Zinc	12.50 2.35 1.07	9.13 9.00 8.75
40671 250 PACK	Wireless Solutions 40671 30 days	Zinc Phillips Pan Head Screws 1/4"x20x1/2" Zinc	11.80 2.78 1.26	8.59 8.47 8.24
27457 250 PACK	Wireless Solutions 27457 30 days	Zinc Phillips Pan Head Screws 1/4"x20x3/4" Zinc	14.10 3.4 1.55	10.30 10.16 9.87
14243 250 PACK	Wireless Solutions 14243 30 days	Zinc Phillips Pan Head Screws 1/4"x20x1" Zinc	16.50 4.03 1.83	12.02 11.86 11.53
91029 250 PACK	Wireless Solutions 91029 30 days	Zinc Phillips Pan Head Screws 1/4x20x1-1/4" Zinc	18.80 4.68 2.13	13.73 13.54 13.16
77815 250 PACK	Wireless Solutions 77815 30 days	Zinc Phillips Pan Head Screws 1/4x20x1-1/2" Zinc	21.40 5.3 2.41	15.60 15.38 14.96

Metric Phillips Pan Head Screws



METRIC Pan Head Phillips Machine Screws. BLACK

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
12994 250 PACK	Wireless Solutions 12994 30 days	Metric Phillips Pan Head Screws M4x8mm Black	36.40 0.73 0.33	26.58 26.21 25.48
64601 250 PACK	Wireless Solutions 64601 30 days	Metric Phillips Pan Head Screws M4x6mm Black	34.30 0.65 0.3	25.04 24.70 24.01

J-Bolts, YZP Finish

J-bolt assemblies include 2 J-bolts, lockwashers and nuts. All yellow zinc dichromate finished.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
52232 1 EACH	Cooper B-Line SB-1003-G 1 Year	J- Bolt kit. Includes 2 ea. 3 1/2" long bolt with 5/16" hook, nut & lockwasher. 5/16"-18 thread. Yellow zinc dichromate finish.	2.00 0.2 0.09	2.00 2.00 1.91

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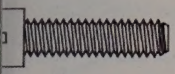
nuing product table (2 of 2)

t No. Uom	Manufacturer Mfg. P/N Warranty	Description Size Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 859 ACH	Cooper B-Line SB-1003-F 1 Year	J-Bolt Kit. Includes 2 ea. 4 1/4" long bolt with 3/8" hook, nuts and lockwashers. 1 1/4" long, 3/8'-16 threaded section.	1.90 0.31 0.14	1.90 1.90 1.82

lister Head Screws



Stainless Steel Fillister Screws

No. Uom	Manufacturer Mfg. P/N Warranty	Description Size Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 362 ACH	Wireless Solutions MT-431 3 Years	3/8" x 1/2" stainless steel fillister screw only.	0.40 0.1 0.05	0.40 0.39 0.39
EW 362 ACH	Wireless Solutions MT-433 3 Years	3/8" x 1/2" stainless steel fillister screw only.	0.50 0.1 0.05	0.49 0.49 0.48

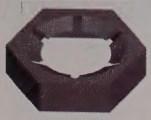
Nuts, HEX and Keep [640-30]

x Nuts

Stainless Steel or Galvanized Hex Nuts

No. ty	Manufacturer Mfg. P/N Warranty	Description Size Color/Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
174	MGB Fastener 3/8" SS NUTS 30 Days	Stainless steel nuts. 3/8"	17.00 1 0.45	12.75 12.41 11.90
EW 055	Wireless Solutions SN-03 30 Days	stainless steel hex nut 3/8"	0.30 0.3 0.14	0.30 0.30 0.29
EW 144	Wireless Solutions SN-02 30 Days	stainless steel hex nut 1/4"	0.20 0.02 0.01	0.20 0.20 0.20
533	Microflect/Valmont B863 30 days	Hex nut. 18-8 stainless steel 1/4"	2.00 0.1 0.05	1.97 1.96 1.95
276	Microflect/Valmont B864 2 Years	18-8 stainless steel 3/8"	3.25 0.2 0.09	3.21 3.19 3.17
792	TESSCO Services 25CNFH3 30 Days	Stainless steel nuts. 1/4"-20	8.40 1 0.45	6.22 6.05 5.84
W 123	Wireless Solutions GN-04 30 Days	Galvanized hex nut (C2) 1/2"	0.40 0.36 0.16	0.36 0.35 0.35
95	Microflect/Valmont B745 30 Days	Hex nuts. Galvanized. 1/2"	4.00 0.4 0.18	3.94 3.92 3.90
W 178	Wireless Solutions GN-04A 3 Years	Galvanized hex nut (A325 1/2"	0.35 0.36 0.16	0.35 0.34 0.34

Pal Nuts



433150

Galvanized Pal Nuts

Part No. Qty	Manufacturer Mfg. P/N Warranty	Discription Size Color/Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 498103	Wireless Solutions PN-03 30 Days	Galvanized Pal Nut 3/8"	0.20 0.2 0.09	0.20 0.20 0.20
NEW 440178	Wireless Solutions PN-05 30 Days	Galvanized Pal Nut 5/8"	0.30 0.3 0.14	0.30 0.30 0.29
NEW 453176	Wireless Solutions PN-06 30 Days	Galvanized Pal Nut 3/4"	0.50 0.5 0.23	0.49 0.49 0.48
NEW 433150	Wireless Solutions PN-07 3 Years	Galvanized Pal Nut 7/8"	0.80 0.8 0.36	0.79 0.78 0.77

Wedge Anchors

40604 458128

MICROFLECT Stainless Steel Wedge Anchors

Part No. Qty	Manufacturer Mfg. P/N Warranty	Discription Size Color/Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
40604	Microflect/Valmont B571 2 Years	3/8" Stainless Steel Wedge Anchor	17.00 1 0.45	16.75 16.66 16.58
78997	Microflect/Valmont B572 30 Days	1/2" Stainless Steel Wedge Anchor	34.00 1 0.45	33.49 33.32 33.15
NEW 458128	Wireless Solutions MT-269 3 Years	1/2"x 2-3/4" Wedge Anchor	2.50 1 0.45	2.45 2.43 2.40
NEW 423140	Wireless Solutions MT-271 30 Days	1/2" x 3-3/4" Wedge Anchor for use in concrete block.	3.50 1 0.45	3.43 3.40 3.36
NEW 486122	Wireless Solutions MT-280 30 Days	5/8"x 6" Wedge Anchor	6.00 1 0.45	5.88 5.82 5.76

Hex nuts

73344

ZINC Hex Nuts

Continuing product table (1 of 2)

Part No. Qty	Manufacturer Mfg. P/N Warranty	Discription Size Color/Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
76280 250	Wireless Solutions 6-32 HNZ /250 30 days	Hex nuts #6-32 Zinc	12.55 0.52 0.24	9.64 9.51 9.24
21737 250	Wireless Solutions 21737 30 days	Hex nuts #8-32 Black	16.20 0.52 0.24	11.83 11.67 11.34
73344 250	Wireless Solutions 73344 30 days	Hex nuts #8-32 Zinc	5.00 0.52 0.24	3.63 3.58 3.48
60130 250	Wireless Solutions 60130 30 days	Hex nuts #10-32 Zinc	5.50 0.82 0.37	3.99 3.94 3.83
98523 250	Wireless Solutions 98523 30 days	Hex nuts #10-32 Black	16.70 0.82 0.37	12.20 12.03 11.69
46916 250	Wireless Solutions 46916 30 days	Hex nuts 1/4"-20 Zinc	10.30 1.7 0.77	7.52 7.42 7.21
50771 250	Wireless Solutions 50771 30 days	Hex nuts 5/16-18 Zinc	12.55 1 0.45	11.00 10.85 10.55

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Continuing product table (2 of 2)

Part No. Qty	Manufacturer Mfg. P/N Warranty	Discription Size Color/Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
63536 250	Wireless Solutions 40CNFXZ 30 days	Hex nuts 4mm Zinc	21.65 0.4 0.18	17.38 17.14 16.66
89164 250	Wireless Solutions 89164 30 days	Hex nuts 6mm-1.0 Zinc	11.00 1 0.45	20.44 20.16 19.60

Keep nuts

33702

ZINC or BLACK Keep Nuts

Part No. Qty	Manufacturer Mfg. P/N Warranty	Discription Size Color/Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
33702 250	Wireless Solutions 33702 30 days	Keep nuts #8-32 Black	21.10 0.77 0.35	15.41 15.20 14.77
20488 250	Wireless Solutions 20488 30 days	Keep nuts #10-32 Black	21.50 0.85 0.39	15.70 15.48 15.05
72095 250	Wireless Solutions 72095 30 days	Keep nuts #10-32 Zinc	13.60 0.92 0.42	9.93 9.80 9.52
58881 250	Wireless Solutions 58881 30 days	Keep nuts 1/4"-20 Zinc	16.70 6.5 2.95	12.20 12.03 11.69
97274 250	Wireless Solutions 97274 30 days	Keep nuts 1/4"-20 Black	25.80 1.67 0.76	18.84 18.58 18.06

Speed Clip Nuts

11025

Part No. Qty	Manufacturer Mfg. P/N Warranty	Discription Size Color/Type	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
49418	Wireless Solutions 49418 30 days	Speed Clip Nuts #8 Flat	3.30 0.4 0.18	3.14 3.07 2.91
11025	Wireless Solutions 11025 30 days	Speed Clip Nuts #8 Short	5.20 0.4 0.18	4.93 4.82 4.56
87811	Wireless Solutions 87811 30 days	Speed Clip Nuts #8 Long	5.60 0.4 0.18	5.32 5.21 4.93
36204	Wireless Solutions 36204 30 days	Speed Clip Nuts #10 Long	6.40 0.4 0.18	6.05 5.92 5.60

Washers [640-32]

Lockwashers

421162 467153 53991

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
11567 100 PACK	MGB Fastener 3/8"SS LKWASH	3/8" stainless steel lockwashers. 100 per package.	9.60 1 0.45	7.20 7.01 6.72
36504 100 PACK	TESSCO Services 37NLOC3	3/8" stainless steel lockwashers. 100 per package.	9.40 1 0.45	6.96 6.77 6.54

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
97578 100 PACK	TESSCO Services 25NLOC3	1/4" stainless steel lockwashers. 100 per pack.	5.00 1 0.45	3.70 3.60 3.48
14883 10 PACK	Microflect/Valmont B868	3/8" stainless steel lockwashers. 10 per package.	2.50 0.1 0.05	2.47 2.45 2.44
27808 10 PACK	Microflect/Valmont B750	3/8" galvanized steel lockwashers. 10 per package.	2.00 0.1 0.05	1.97 1.96 1.95
95409 10 PACK	Microflect/Valmont B751	1/2" galvanized steel lockwashers. 10 per package.	2.50 1 0.45	2.47 2.45 2.44
21735 10 PACK	Microflect/Valmont B752	5/8" galvanized steel lockwashers. 10 per package.	3.00 0.1 0.05	2.96 2.94 2.93
NEW 421162 1 EACH	Wireless Solutions GWL-03	Galvanized steel lockwasher. 1 per package. 3/8"	0.20 0.2 0.09	0.20 0.20 0.20
NEW 412143 1 EACH	Wireless Solutions GWL-04	Galvanized steel lockwasher. 1 per package. 1/2"	0.25 0.3 0.14	0.25 0.25 0.24
NEW 411125 1 EACH	Wireless Solutions GWL-06	Galvanized steel lockwasher 3/4"	0.45 0.45 0.2	0.45 0.44 0.44
NEW 444195 1 EACH	Wireless Solutions SWL-02	Stainless steel lockwasher. 1/4"	0.20 0.2 0.09	0.20 0.20 0.20
NEW 18180 1 EACH	Wireless Solutions SWL-03	3/8" stainless steel lockwasher. 1 per package.	0.20 0.1 0.05	0.20 0.20 0.20
NEW 467153 1 EACH	Wireless Solutions SWT-02	stainless steel toothed lockwasher 1/4"	0.20 0.2 0.09	0.20 0.20 0.20
NEW 53991 1 EACH	Wireless Solutions SWT-03	3/8" stainless steel toothed lockwasher. 1 per package.	0.20 0.2 0.09	0.20 0.20 0.20

Flat Washers

462119

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
59185 100 PACK	TESSCO Services 25NWFL3/5/80D	Stainless steel flatwashers 1/4"	3.65 1 0.45	2.71 2.63 2.54
86530 70 EACH	Source Supply Co. F33008	USS flat washer CZP 3/8"	17.50 1.04 0.47	12.78 12.60 12.25
23290 100 PACK	TESSCO Services 37NWFL3-7/8OD 2 Years	3/8" flatwasher for 3/8" bolt. 18-8 stainless. Pack of 100.	8.30 1 0.45	6.15 5.98 5.77
71046 10 PACK	Microflect/Valmont B872	flatwasher for 3/8" bolt. 18-8 stainless. 3/8"	2.25 0.1 0.05	2.22 2.21 2.20
79415 10 PACK	Microflect/Valmont B803	flatwasher for 3/8" bolt. Galvanized 3/8"	2.00 0.1 0.05	1.97 1.96 1.95
67770 10 PACK	Microflect/Valmont B804	flatwasher for 1/2" bolt. Galvanized 1/2"	2.50 0.1 0.05	2.47 2.45 2.44
NEW 484136 1 EACH	Wireless Solutions GWF-03	galvanized steel flat washer 3/8"	0.20 0.3 0.14	0.20 0.20 0.20
NEW 454138 1 EACH	Wireless Solutions GWF-04	galvanized steel flat washer 1/2"	0.25 0.3 0.14	0.25 0.25 0.24
NEW 453156 1 EACH	Wireless Solutions GWF-05	Galvanized steel flat washer. 5/8"	0.30 0.3 0.14	0.30 0.30 0.29
NEW 447129 1 EACH	Wireless Solutions GWF-06	Galvanized steel flat washer. 3/4"	0.45 0.45 0.2	0.45 0.44 0.44
NEW 462119 1 EACH	Wireless Solutions SWF-02	stainless steel flat washer 1/4"	0.20 0.3 0.14	0.20 0.20 0.20

TESSCO TECHNOLOGIES

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WWW.TESSCO.COM

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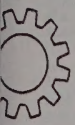
nuing product table (2 of 2)

t No. Uom	Manufacturer Mfg. P/N Warranty	Description Size Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 394 ACH	Wireless Solutions SWF-03	Stainless steel flat washer 3/8"	0.20 0.2 0.09	0.20 0.20 0.20

nder Washers

No. Uom	Manufacturer Mfg. P/N Warranty	Description Size Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
971 PACK	TESSCO Services 25R150WFES2 2 Years	CASCADE zinc plated fender washers 1/4" hole, 1 1/2" overall diameter. 100 per pack.	7.90 3 1.36	5.85 5.69 5.50
EW 236 PACK	Wireless Solutions 37R125WFESZ/B1C 30 days	Fender Washer 1-1/4" zinc	6.70 0.31 0.14	4.90 4.83 4.69
EW 240 PACK	Uneeda Bolt & Screw Co,Inc 25R100WFESZ/B1C 30 days	Fender Washer 1" overall dia. Hole size 1/4" zinc	4.20 1 0.45	3.07 3.03 2.94

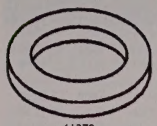
xternal tooth washer



50663

t No. Uom	Manufacturer Mfg. P/N Warranty	Description Size Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
270 PACK	Wireless Solutions 12270 30 days	External Tooth Lockwasher #6 zinc	14.80 0.26 0.12	9.77 9.62 9.55
663 PACK	Wireless Solutions 50663 30 days	External Tooth Lockwasher #6 zinc	5.20 0.07 0.03	3.77 3.72 3.62
449 PACK	Wireless Solutions 37449 30 days	External Tooth Lockwasher #8 zinc	6.15 0.08 0.04	4.48 4.42 4.30
056 PACK	Wireless Solutions 89056 30 days	External Tooth Lockwasher #8 zinc	16.60 0.5 0.23	10.96 10.79 10.71
235 PACK	Wireless Solutions 24235 30 days	External Tooth Lockwasher #10 zinc	6.90 0.09 0.04	5.01 4.94 4.81
842 PACK	Wireless Solutions 75842 30 days	External Tooth Lockwasher #10 zinc	19.60 0.37 0.17	12.94 12.74 12.65
021 PACK	Wireless Solutions 11021 30 days	External Tooth Lockwasher 1/4" zinc	7.80 0.17 0.08	5.13 5.05 5.01
628 PACK	Wireless Solutions 62628 30 days	External Tooth Lockwasher 1/4" zinc	21.60 0.7 0.32	14.26 14.04 13.94
929 ACK	Wireless Solutions 11021 30 days	External Tooth Lockwasher 1/4" zinc	2.00 0.05 0.02	1.32 1.30 1.29
807 PACK	Wireless Solutions 87807 30 days	External Tooth Lockwasher 5/16" zinc	13.90 0.32 0.15	10.12 9.98 9.71
593 PACK	Wireless Solutions 74593 30 days	External Tooth Lockwasher 3/8" zinc	20.00 0.45 0.2	14.60 14.40 14.00

Flat Washer



61379

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description Size Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
61379 250 PACK	Wireless Solutions 61379 30 days	Flat Washer #6 zinc	5.20 0.35 0.16	4.02 3.96 3.85
48165 250 PACK	Wireless Solutions 48165 30 days	Flat Washer #8 zinc	3.50 0.42 0.19	2.56 2.52 2.45
99772 1000 PACK	Wireless Solutions 99772 30 days	Flat Washer #8 zinc	9.80 0.72 0.33	6.47 6.37 6.33
34951 250 PACK	Wireless Solutions 34951 30 days	Flat Washer #10 zinc	4.30 0.57 0.26	3.11 3.07 2.99
86558 1000 PACK	Wireless Solutions 86558 30 days	Flat Washer #10 zinc	12.00 2.3 1.05	7.92 7.80 7.74
87314 250 PACK	Wireless Solutions 87314 30 days	Flat Washer 1/4" zinc	9.10 2 0.91	7.23 7.13 6.93
74100 1000 PACK	Wireless Solutions 74100 30 days	Flat Washer 1/4" zinc	30.25 2.3 1.05	24.95 24.57 24.39

Camouflage Screw Caps [640-34]

Screw Caps

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Size	Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
31204 250 PACK	Wireless Solutions 31204 30 days	#10	Black	27.70 0.48 0.22	24.87 24.53 23.85
82811 250 PACK	Wireless Solutions 82811 30 days	#8	Black	27.70 0.05 0.02	24.87 24.53 23.85

Automobile Wiring Harnesses [640-55]

Handsfree Wiring Harness

These kits provide the electrical connections necessary to install a hands-free and/or booster kit using the car manufacturers' pre-wiring. No modifications of the car or phone system are required. Kits work with all phones requiring continuous 12 volt power, ground, and ignition-switched power.

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Phone Model Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
46020 1 EACH	Bird Automotive GEN2LEX Lifetime	All installed phones and handsfree kits. Factory Harness Adapter. Fits all Lexus cars and SUV's. This model works with radio mutes but does not work with factory speakers.	25.00 0.25 0.11	22.58 21.55 20.60
97627 1 EACH	Bird Automotive GEN2INFIN Lifetime	All installed phones and handsfree kits. Factory Harness Adapter. Fits all Infinity cars except QX4 and pre-1997 G20. This model works with radio mutes and factory speakers.	25.00 0.25 0.11	22.58 21.55 20.60
23566 1 EACH	Bird Automotive GEN2VOLVOS80 Lifetime	All installed phones and handsfree kits. Factory Harness Adapter. Fits 1999+ Volvo S80. This model does not work with radio mutes or factory speakers.	38.00 0.25 0.11	34.32 32.76 31.32

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Phone Model Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
442050 1 EACH	Bird Automotive GEN2GM Lifetime	All installed phones and handsfree kits. Factory Harness Adapter. Fits 2000+ General Motors Cars, Trucks, SUV's. This model does not work with radio mutes or factory speakers.	20.00 0.25 0.11	18.06 17.24 16.48
84413 1 EACH	Bird Automotive GEN2SAAB Lifetime	All installed phones and handsfree kits. Factory Harness Adapter. Fits Saab 9-3 and 9-5. This model works with radio mute	32.00 0.25 0.11	28.90 27.59 26.37
59234 1 EACH	Bird Automotive GEN2AUDBMWJA GMB Lifetime	All installed phones and handsfree kits. Factory Harness Adapter. Fits Audi 1992+ 100, 100, V8, all A, A4, A6. BMW 1992+ 5/7/8/Series; Jaguar 95-97; Mercedes 1992+ 190, C/E Class, CLK, SLK, 2000+ S-class, 1999.5 SL. This model works with most radio mutes and some factory speakers.	25.00 0.25 0.11	22.58 21.55 20.60
24424 1 EACH	Bird Automotive GEN2PORSCHE Lifetime	All installed phones and handsfree kits. Factory Harness Adapter. Fits all Porsche Boxster and 1999+ 911 and Carrera. This model works with radio mutes but not with factory speakers.	25.00 0.25 0.11	22.58 21.55 20.60
24426 1 EACH	Bird Automotive GEN2ROVER Lifetime	All installed phones and handsfree kits. Factory Harness Adapter. Fits 1195.5+ Range Rover 4.0 and 4.6. Not for the Discovery. This model does not work with radio mutes or factory speakers.	25.00 0.25 0.11	22.58 21.55 20.60
24417 1 EACH	Bird Automotive GEN2JAGLATE Lifetime	All installed phones and handsfree kits. Factory Harness Adapter. Fits all Jaguar cars 1998+. This model works with radio mutes and factory speakers.	25.00 0.25 0.11	22.58 21.55 20.60

Automotive Hookup Wire [625-34]

If you are buying these, you may need:

Digital Multimeters ..... page 1491
Bullet Connectors ..... page 1724
Alligator Clips ..... page 1732
Wire Connectors ..... page 1732

Amp King DC Power Cable

73002

62286

Rope lay multi-stranded 99.9% pure electrolytic copper. High temp. 105CGPT type PVC insulation with VW-1 flame

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Spool Size	Wire Gauge Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
21395 100 FOOT	Superior Wire AK4-BLACK 30 days	100' spool	4 Black	120.00 19.55 8.89	87.60 86.40 85.80
10679 100 FOOT	Superior Wire AK4-RED 30 days	100' spool	4 Red	120.00 20 9.09	87.60 86.40 85.80
34609 100 FOOT	Superior Wire AK8-BLACK 30 days	100' spool	8 Black	47.50 8 3.64	34.65 34.18 33.94
23893 100 FOOT	Superior Wire AK8-RED 30 days	100' spool	8 Red	47.50 8 3.64	34.65 34.18 33.94
73002 100 FOOT	Superior Wire AK10-BLACK 30 days	100' spool	10 Black	33.60 5.25 2.39	24.53 24.20 24.03
62286 100 FOOT	Superior Wire AK10-RED 30 days	100' spool	10 Red	33.60 5.5 2.5	24.53 24.20 24.03

Insulate Primary Wire

28012

21244

84010

58831

14798

13549

Insulated stranded wire. Resists oils, acid, ozone, alkali, grease and diesel fuel. GPT insulation

- Meets VW-1 Specs
- -40 deg F to 176 def F

Continuing product table (1 of 4)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Spool Size	Wire Gauge Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW **80663** 100 FOOT	Wireless Solutions HP8-100-BK 1 yr	100' spool	8 Black	32.15 6.5 2.95	27.33 26.69 25.72
87837 100 FOOT	Superior Wire AP8-BLACK 1 yr	100' spool	8 Black	38.85 6.5 2.95	32.62 32.23 31.26
32232 500 FOOT	Superior Wire AP8-BLACK 1 yr	500' spool	8 Black	177.50 32 14.54	149.10 147.33 142.89
36230 100 FOOT	Superior Wire AP8-100 RED 1 yr	100' spool	8 Red	38.85 6.34 2.88	32.62 32.23 31.26
NEW **80760** 100 FOOT	Wireless Solutions HP8-100-RD 1 yr	100' spool	8 Red	32.15 6.5 2.95	27.33 26.69 25.72
439123 500 FOOT	Superior Wire AP10 BLUE	500' spool.	10 Blue	95.60 20.42 9.28	73.62 69.79 67.88
481176 500 FOOT	Superior Wire AP10 GRAY	500' spool.	10 Gray	95.60 19.56 8.89	73.62 69.79 67.88
55689 500 FOOT	Superior Wire AP10 BLACK	500' spool.	10 Black	95.60 20.42 9.28	73.62 69.79 67.88
71801 100 FOOT	Superior Wire AP10-BLACK 1 yr	100' spool.	10 Black	22.00 4.25 1.93	16.94 16.06 15.62
NEW **81103** 100 FOOT	Wireless Solutions HP10-100-BK 1 yr	100' spool.	10 Black	17.55 4.25 1.93	14.91 14.55 14.03
NEW **81112** 500 FOOT	Wireless Solutions HP10-500-BK 1 yr	500' spool.	10 Black	79.95 20.5 9.32	67.95 66.35 63.95
92742 100 FOOT	Superior Wire AP10-GREEN 1 yr	100' spool.	10 Green	22.00 4.25 1.93	16.94 16.06 15.62
20194 100 FOOT	Superior Wire AP10-RED 1 yr	100' spool.	10 Red	22.00 4.25 1.93	16.94 16.06 15.62
73977 500 FOOT	Superior Wire AP10-500-GREEN 1 yr	500' spool.	10 Green	95.60 20.5 9.32	73.62 69.79 67.88
NEW **81110** 100 FOOT	Wireless Solutions HP10-100-RD 1 yr	100' spool.	10 Red	17.55 4.25 1.93	14.91 14.55 14.03
NEW **81115** 500 FOOT	Wireless Solutions HP10-500-RD 1 yr	500' spool.	10 Red	79.95 20.5 9.32	67.95 66.35 63.95
94082 500 FOOT	Superior Wire AP10-RED 1 yr	500' spool.	10 Red	95.60 20.5 9.32	73.62 69.79 67.88
16047 500 FOOT	Superior Wire AP12-BLACK 1 yr	500' spool	12 Black	59.35 12.5 5.68	45.70 43.32 42.14
42475 1000 FOOT	Superior Wire AP12-BLACK 1 yr	1000' spool	12 Black	119.35 27 12.27	91.90 87.12 84.74
46866 100 FOOT	Superior Wire AP12-BLACK 1 yr	100' spool	12 Black	17.35 2.7 1.23	14.56 14.39 13.96
NEW **81129** 100 FOOT	Wireless Solutions HP12-100-BK 1 yr	100' spool	12 Black	11.65 2.7 1.23	9.88 9.65 9.30

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Wire and Multiconductor Cables

nuing product table (2 of 4)

No. Uom	Manufacturer Mfg. P/N Warranty	Spool Size	Wire Gauge Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 164 OOT	Wireless Solutions HP12-500-BK 1 yr	500' spool	12 Black	46.85 12.5 5.68	39.83 38.89 37.48
652 OOT	Superior Wire AP12-GREEN 1 yr	100' spool	12 Green	17.35 2.7 1.23	14.56 14.39 13.96
440 OOT	Superior Wire AP12-GREEN 1 yr	500' spool	12 Green	59.35 13.5 6.14	45.70 43.32 42.14
EW 130 OOT	Wireless Solutions HP12-100-GR 1 yr	100' spool	12 Green	11.65 2.7 1.23	9.88 9.65 9.30
EW 134 OOT	Wireless Solutions HP12-100-OR 1 yr	100' spool	12 Orange	11.65 2.7 1.23	9.88 9.65 9.30
851 OOT	Superior Wire AP12-ORANGE 1 yr	100' spool	12 Orange	17.35 3 1.36	14.56 14.39 13.96
261 00 OT	Superior Wire AP12-RED 1 yr	1000' spool	12 Red	119.35 27 12.27	91.90 87.12 84.74
226 OOT	Superior Wire AP12-RED 1 yr	500' spool	12 Red	59.35 13.5 6.14	45.70 43.32 42.14
EW 154 OOT	Wireless Solutions HP12-100-RD 1 yr	100' spool	12 Red	11.65 2.7 1.23	9.88 9.65 9.30
EW 177 OOT	Wireless Solutions HP12-500-RD 1 yr	500' spool	12 Red	46.85 12.5 5.68	39.83 38.89 37.48
259 OOT	Superior Wire AP12-RED 1 yr	100' spool	12 Red	17.35 2.7 1.23	14.56 14.39 13.96
619 OOT	Superior Wire AP12-500 YELLOW 1 yr	500' spool	12 Yellow	59.35 12.94 5.88	45.70 43.32 42.14
012 00 OT	Superior Wire AP14-BLACK 1 yr	1000' spool	14 Black	78.95 17.5 7.95	60.79 57.63 56.05
045 OOT	Superior Wire AP14-BLACK 1 yr	100' spool	14 Black	12.35 1.8 0.82	10.36 10.24 9.93
EW 196 OOT	Wireless Solutions HP14-100-BK 1 yr	100' spool	14 Black	7.65 1.8 0.82	6.51 6.35 6.12
584 OOT	Superior Wire AP14-BLACK 1 yr	500' spool	14 Black	39.75 8.75 3.98	30.60 29.01 28.22
244 OOT	Superior Wire AP14-BLUE 1 yr	100' spool	14 Blue	12.35 1.8 0.82	10.36 10.24 9.93
EW 206 OOT	Wireless Solutions HP14-100-BL 1 yr	100' spool	14 Blue	7.65 1.8 0.82	6.51 6.35 6.12
EW 228 OOT	Wireless Solutions HP14-100-BR 1 yr	100' spool	14 Brown	7.65 1.8 0.82	6.51 6.35 6.12
010 OOT	Superior Wire AP14-BROWN 1 yr	100' spool	14 Brown	12.35 1.7 0.77	10.36 10.24 9.93
831 OOT	Superior Wire AP14-GREEN 1 yr	100' spool	14 Green	12.35 1.68 0.76	10.36 10.24 9.93
805 00 OT	Superior Wire AP14-GREEN 1 yr	1000' spool	14 Green	78.95 17.5 7.95	60.79 57.63 56.05
870 OOT	Superior Wire AP14-GREEN 1 yr	500' spool	14 Green	39.75 8.75 3.98	30.60 29.01 28.22
W 229 OOT	Wireless Solutions HP14-100-GR 1 yr	100' spool	14 Green	7.65 1.8 0.82	6.51 6.35 6.12
617 OOT	Superior Wire AP14-ORANGE 1 yr	100' spool	14 Orange	12.35 1.8 0.82	10.36 10.24 9.93
W 249 OOT	Wireless Solutions HP14-100-OR 1 yr	100' spool	14 Orange	7.65 1.8 0.82	6.51 6.35 6.12
798 00 OT	Superior Wire AP14-RED 1 yr	1000' spool	14 Red	78.95 17.5 7.95	60.79 57.63 56.05
838 OOT	Superior Wire AP14-RED 1 yr	100' spool	14 Red	12.35 1.8 0.82	10.36 10.24 9.93

Continuing product table (3 of 4)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Spool Size	Wire Gauge Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
65156 500 FOOT	Superior Wire AP14-RED 1 yr	500' spool	14 Red	39.75 9.65 4.39	30.60 29.01 28.22
NEW 81253 100 FOOT	Wireless Solutions HP14-100-RD 1 yr	100' spool	14 Red	7.65 1.8 0.82	6.51 6.35 6.12
NEW 81303 500 FOOT	Wireless Solutions HP14-500-RD 1 yr	500' spool	14 Red	31.95 8.75 3.98	27.15 26.51 25.55
29386 1000 FOOT	Superior Wire AP14-WHITE 1 yr	1000' spool	14 White	78.95 17 7.73	60.80 57.64 56.06
NEW 81257 100 FOOT	Wireless Solutions HP14-100-WH 1 yr	100' spool	14 Red	7.65 1.8 0.82	6.51 6.35 6.12
98889 100 FOOT	Superior Wire AP14-100 WHITE 1 yr	100' spool	14 White	12.35 1.8 0.82	10.36 10.24 9.93
13549 500 FOOT	Superior Wire AP14-YELLOW 1 yr	500' spool	14 Yellow	39.75 8.75 3.98	30.60 29.01 28.22
53191 1000 FOOT	Superior Wire AP14-YELLOW 1 yr	1000' spool	14 Yellow	78.95 17.5 7.95	60.79 57.63 56.05
NEW 81283 100 FOOT	Wireless Solutions HP14-100-YE 1 yr	100' spool	14 Yellow	7.65 1.8 0.82	6.51 6.35 6.12
97224 100 FOOT	Superior Wire AP14-YELLOW 1 yr	100' spool	14 Yellow	12.35 1.8 0.82	10.36 10.24 9.93
25918 100 FOOT	Superior Wire AP16-ORANGE 1 yr	100' spool	16 Orange	10.20 1.3 0.59	8.56 8.45 8.20
34657 100 FOOT	Superior Wire AP16-BLACK 1 yr	100' spool	16 Black	10.20 1.2 0.55	8.56 8.45 8.20
46622 1000 FOOT	Superior Wire AP16-1000 BLACK 1 yr	1000'spool	16 Black	58.00 13 5.91	44.66 42.34 41.18
51942 500 FOOT	Superior Wire AP16-500 BLACK 1 yr	500' spool	16 Black	30.55 6.5 2.95	23.52 22.30 21.69
NEW 81306 100 FOOT	Wireless Solutions HP16-100-BK 1 yr	100' spool	16 Black	4.85 1.3 0.59	4.11 4.01 3.87
41630 500 FOOT	Superior Wire AP16-500 BLUE 1 year	500' spool	16 Blue	30.55 6 2.73	23.52 22.30 21.69
54645 1000 FOOT	Superior Wire AP16-1000 BLUE 1 yr	1000'spool	16 Blue	58.00 13 5.91	44.66 42.34 41.18
NEW 81304 100 FOOT	Wireless Solutions HP16-100-BL 1 yr	100' spool	16 Blue	4.85 1.3 0.59	4.11 4.01 3.87
83042 100 FOOT	Superior Wire AP16-100 BLUE 1 yr	100' spool	16 Blue	10.20 1.3 0.59	8.56 8.45 8.20
NEW 81323 100 FOOT	Wireless Solutions HP16-100-GR 1 yr	100' spool	16 Green	4.85 1.3 0.59	4.11 4.01 3.87
90335 500 FOOT	Superior Wire AP16-500 GREEN 1 yr	500 ft	16 Green	30.55 6.5 2.95	23.52 22.30 21.69
99478 100 FOOT	Superior Wire AP16-GREEN 1 yr	100' spool	16 Green	10.20 1.3 0.59	8.56 8.45 8.20
21443 500 FOOT	Superior Wire AP16-500 ORANGE 1 yr	500' spool	16 Orange	30.55 6.5 2.95	23.52 22.30 21.69
NEW 81351 100 FOOT	Wireless Solutions HP16-100-OR 1 yr	100' spool	16 Orange	4.85 1.3 0.59	4.11 4.01 3.87
38728 500 FOOT	Superior Wire AP16-RED 1 yr	500' spool	16 Red	30.55 5.7 2.59	23.52 22.30 21.69
61085 100 FOOT	Superior Wire AP16-RED 1 yr	100' spool	16 Red	10.20 1.3 0.59	8.56 8.45 8.20
NEW 81355 100 FOOT	Wireless Solutions HP16-100-RD 1 yr	100' spool	16 Red	4.85 1.3 0.59	4.11 4.01 3.87
85015 1000 FOOT	Superior Wire AP16-1000 RED 1 yr	1000'spool	16 Red	58.00 13 5.91	44.66 42.34 41.18

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Continuing product table (4 of 4)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Spool Size	Wire Gauge Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
59637 100 FOOT	Superior Wire AP16-100 YELLOW 1 yr	100' spool	16 Yellow	10.20 1.3 0.59	8.56 8.45 8.20
77121 500 FOOT	Superior Wire AP16-500 YELLOW 1 yr	500' spool	16 Yellow	30.55 6.5 2.95	23.52 22.30 21.69
NEW **81372** 100 FOOT	Wireless Solutions HP16-100-YE 1 yr	100' spool	16 Yellow	4.85 1.3 0.59	4.11 4.01 3.87
25514 1000 FOOT	Superior Wire AP18-BLACK 1 yr	1000' spool	18 Black	42.95 9 4.09	33.07 31.35 30.49
32403 100 FOOT	Superior Wire AP18-BLACK 1 yr	100' spool	18 Black	8.20 0.9 0.41	6.88 6.79 6.59
NEW **81374** 100 FOOT	Wireless Solutions HP18-100-BK 1 yr	100' spool	18 Black	3.90 0.9 0.41	3.32 3.24 3.12
89086 500 FOOT	Superior Wire AP18-BLACK 1 yr	500' spool	18 Black	23.10 4.5 2.05	17.79 16.87 16.41
NEW **81391** 100 FOOT	Wireless Solutions HP18-100-BL 1 yr	100' spool	18 Blue	3.90 0.9 0.41	3.32 3.24 3.12
95975 100 FOOT	Superior Wire AP18-BLUE 1 yr	100' spool	18 Blue	8.20 0.85 0.39	6.88 6.79 6.59
19189 100 FOOT	Superior Wire AP18-GREEN 1 yr	100' spool	18 Green	8.20 0.85 0.39	6.88 6.79 6.59
37479 500 FOOT	Superior Wire AP18-GREEN 1 yr	500' spool	18 Green	23.10 4.5 2.05	17.79 16.87 16.41
63907 1000 FOOT	Superior Wire AP18-GREEN 1 yr	1000' spool	18 Green	42.95 9 4.09	33.07 31.35 30.49
NEW **81408** 100 FOOT	Wireless Solutions HP18-100-GR 1 yr	100' spool	18 Green	3.90 0.9 0.41	3.32 3.24 3.12
44368 100 FOOT	Superior Wire AP18-ORANGE 1 yr	100' spool	18 Orange	8.20 0.9 0.41	6.88 6.79 6.59
NEW **81422** 100 FOOT	Wireless Solutions HP18-100-OR 1 yr	100' spool	18 Orange	3.90 0.9 0.41	3.32 3.24 3.12
12300 1000 FOOT	Superior Wire AP18-RED 1 yr	1000' spool	18 Red	42.95 9 4.09	33.07 31.35 30.49
24265 500 FOOT	Superior Wire AP18-RED 1 yr	500' spool	18 Red	23.10 4.5 2.05	17.79 16.87 16.41
70796 100 FOOT	Superior Wire AP18-RED 1 yr	100' spool	18 Red	8.20 0.9 0.41	6.88 6.79 6.59
NEW **81454** 100 FOOT	Wireless Solutions HP18-100-RD 1 yr	100' spool	18 Red	3.90 0.9 0.41	3.32 3.24 3.12
11051 500 FOOT	Superior Wire AP18-YELLOW 1 yr	500' spool	18 Yellow	23.10 4.5 2.05	17.79 16.87 16.41
50693 1000 FOOT	Superior Wire AP18-YELLOW 1 yr	1000' spool	18 Yellow	42.95 9 4.09	33.07 31.35 30.49
57582 100 FOOT	Superior Wire AP18-YELLOW 1 yr	100' spool	18 Yellow	8.20 0.9 0.41	6.88 6.79 6.59
NEW **81507** 100 FOOT	Wireless Solutions HP18-100-YE 1 yr	100' spool	18 Yellow	3.90 0.9 0.41	3.32 3.24 3.12

Speaker Wire and Zip Cords [625-36]

If you are buying these, you may need:

Digital Multimeters . . . . . page 1491

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87850

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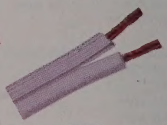
Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Gauge Qty per Spool (ft)	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
88714 250 FOOT	Superior Wire SK12-250 30 days	12 gauge 250'	Sound King clear	119.50 11.51 5.23	87.21 86.02 85.42
87850 250 FOOT	Superior Wire SK14-250 30 days	14 gauge 250'	Sound King clear	92.80 15 6.82	67.75 66.82 66.36
37107 250 FOOT	Superior Wire SK16-250 30 days	16 gauge 250'	Sound King clear	64.55 9 4.09	47.12 46.47 46.15
75500 250 FOOT	Superior Wire SK18-250 30 days	18 gauge 250'	Sound King clear	54.00 7 3.18	39.42 38.88 38.61

Zip Cord

10189

59156



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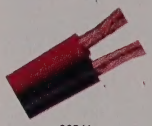

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Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Gauge Qty per Spool (ft)	Description Color	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
10189 250 FOOT	Superior Wire 18SPT-250 30 days	18 gauge 250'	Speaker Wire Non UL listed Black Jacket	25.75 4.25 1.93	19.82 18.79 18.28
59156 250 FOOT	Superior Wire 18SW 30 days	18 gauge 250'	Speaker Wire Clear Jacket	24.00 3.75 1.7	18.48 17.52 17.04
49444 1000 FOOT	Superior Wire 18SW-1000 30 days	18 gauge 1000'	Speaker Wire Clear Jacket	87.35 14.85 6.75	67.26 63.76 62.02
60623 1000 FOOT	Superior Wire 18SPT-1000 30 days	18 gauge 1000'	Speaker Wire Non UL listed Brown Jacket	94.70 16.21 7.37	72.89 69.11 67.21
36385 1000 FOOT	Superior Wire 18SPT-1000 30 days	18 gauge 1000'	Speaker Wire Non UL listed Black Jacket	94.70 16.21 7.37	72.89 69.11 67.21
74778 1000 FOOT	Superior Wire 18SPT-1000 30 days	18 gauge 1000'	Speaker Wire Non UL listed White Jacket	94.70 17 7.73	72.89 69.11 67.21
97549 250 FOOT	Superior Wire 14SW 30 days	14 gauge 250'	Speaker Wire Clear Jacket	49.10 9.75 4.43	37.78 35.82 34.84
71947 500 FOOT	Wireless Solutions AZ14 30 days	14 gauge 500'	2color SpeakerWire red & black PVC	120.00 20 9.09	96.00 94.80 93.60
30546 500 FOOT	Superior Wire AZ12 30 days	12 gauge 500'	2color SpeakerWire red & black PVC	140.00 30 13.64	107.80 102.20 99.40
27167 500 FOOT	Superior Wire AZ10 30 days	10 gauge 500'	2color SpeakerWire red & black PVC	216.00 28.5 12.95	166.32 157.68 153.36

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Alkaline, NiCd, Pager Batteries [280-10]

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Digital Multimeters .....page 1491

aline Batteries

7868 94128 73047 21440

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
68 CK	Eveready Batteries E91BP-2 30 days	AA Retail packaged. 2 per pack.	4.75 0.1 0.05	3.20 2.82 2.37
49 CK	Eveready Batteries E91BP-4 30 days	AA Retail packaged. 4 per pack.	8.55 0.23 0.1	5.76 5.07 4.26
38 CK	Eveready Batteries EN91 30 days	AA Industrial grade. 4 per pack.	6.40 0.22 0.1	4.32 3.81 3.20
17 CK	Eveready Batteries EN91 30 days	AA Industrial grade. 144 per pack.	96.00 8.64 3.93	61.20 57.00 48.00
28 CK	Eveready Batteries E92BP-4 30 days	AAA Retail packaged. 4 per pack.	8.55 0.25 0.11	5.76 5.07 4.26
31 CK	Eveready Batteries EN92 30 days	AAA Industrial grade. 12 per pack.	9.85 0.4 0.18	6.65 5.85 4.92
24 CK	Eveready Batteries EN92 30 days	AAA Industrial grade. 48 per pack.	33.30 1.36 0.62	21.22 19.76 16.64
47 CK	Eveready Batteries EN93BP-2 30 days	C Retail packaged. 2 per pack.	7.10 1 0.45	4.80 4.23 3.55
04 CK	Eveready Batteries EN93 30 days	C Industrial grade. 12 per pack.	14.40 4.21 1.91	7.50 7.18 7.18
40 CK	Eveready Batteries EN95BP-2 30 days	D Retail packaged. 2 per pack.	7.10 1 0.45	4.80 4.23 3.55
10 CK	Eveready Batteries EN95 30 days	D Industrial grade. 12 per pack.	17.60 4.21 1.91	11.22 10.45 8.80
97 CK	Eveready Batteries EN22 30 days	9V Industrial grade. 12 per pack.	31.40 1.3 0.59	20.00 18.62 15.68

ready NiMH Rechargeable Batteries

6716 21895 99930

ing product table (1 of 2)

o. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
6 CK	Eveready Batteries NH15BP-2 1200 MAH 30 days	AA NiMH 1200 mAh. Retail packaged. 2 per package.	9.00 0.15 0.07	6.75 6.53 6.30
02 CK	Eveready Batteries NH12BP-2 650 MAH 30 days	AAA NiMH 650 mAh. Retail packaged. 2 per package.	9.00 0.06 0.03	6.75 6.53 6.30
5 CK	Eveready Batteries NH135BP-2 2200 MA 30 days	"C" NiMH 2200 mAh. Retail packaged. 2 per package.	9.50 0.14 0.06	7.13 6.89 6.65
8 CK	Eveready Batteries N150BP-2 2200 MAH 30 days	"D" NiMH 2200 mAh. Retail packaged. 2 per package.	11.00 0.14 0.06	8.25 7.98 7.70

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
99930 1 EACH	Eveready Batteries N22BP 150 MAH 30 days	9V NiMH 150 mAh. Retail packaged. 1 per package.	11.00 0.1 0.05	8.25 7.98 7.70

Eveready Battery Chargers

19270 59083

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
19270 1 EACH	Eveready Batteries CHM4AAWB 30 days	5 hour charger for up to (4) AA or AAA or (2) 9 volt batteries. For NiCd or NiMH. Retail packaged.	29.00 0.7 0.32	21.75 21.03 20.30
59083 1 EACH	Eveready Batteries CHM4FC 30 days	5-7 hour charger for up to (4) AA ,AAA, C, D or (2) 9 volt batteries. For NiMH only. Retail packaged.	34.50 3 1.36	25.88 25.02 24.15

TelePower XL NiMH Batteries

28360 85079 82416

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
28360 1 EACH	JBro Batteries 2132C 30 days	AA NiMH 1400 mAh batteries. Retail packaged. 4 per pack.	15.55 0.5 0.23	8.20 7.84 7.77
85079 1 EACH	JBro Batteries 2133B 30 days	AAA NiMH 650 mAh batteries. Retail packaged. 2 per pack.	8.85 0.25 0.11	4.65 4.45 4.41
85089 1 EACH	JBro Batteries 2133C 30 days	AAA NiMH 650 mAh batteries. Retail packaged. 4 per pack.	11.75 0.14 0.06	6.02 5.86 5.86
82416 1 EACH	JBro Batteries 2132F 30 days	AA NiMH 1400 mAh batteries (4) with a UL-approved wall pug-in rapid charger. Retail packaged. Charges batteries in approximately 5 hours.	30.35 0.75 0.34	16.00 15.28 15.16
82426 1 EACH	JBro Batteries 2133A 30 days	Deluxe UL-approved wall plug-in rapid charger with automatic shut off feature. Charges 2 or 4 AA/AAA batteries in approximately 5 hours. Order batteries separately.	16.50 0.5 0.23	8.70 8.31 8.24
NEW 418376 1 EACH	JBro Batteries TP-C100 30 days	Home /travel rapid charger /conditioner for 2 or 4 AA or AAA Telepower XL NiCD or NiMH batteries. Includes AC and DC adapters and four 1500mAh NiMH batteries.	53.00 0.5 0.23	27.96 26.71 26.48

Pager Batteries

80311 47113 52994 30103

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
45591 1 EACH	Multiplier MH15 18 Mo.	AA NiCd, 1.3 Volt, 630 mAh. Equivalent to CH15, GC3.	4.70 0.06 0.03	2.40 2.37 2.34
80311 1 EACH	LexStar Tech. G4974 12 Mo.	NiCd, 2.4 volts, 170 mAh. Equivalent to NRN4974, 60-5276L01. For use in Motorola Minitor II and Director II pagers.	11.40 0.25 0.11	5.81 5.79 5.69
11406 1 EACH	Centurion PG4974 12 Mo.	NiCD, 2.5 volts, 150 mAh. Equivalent to NLN4974A. For use in Motorola Minitor II and Director pagers.	11.90 0.04 0.02	6.10 6.04 5.95
43317 1 EACH	JBro Batteries JB4974 18 Mo.	NiCD, 2.5 volts, 170 mAh. Equivalent to NRN4974A, 60-5276I01. For use in Motorola Minitor II and Director II pagers.	9.50 0.3 0.14	5.00 4.78 4.74

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Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
64652 1 EACH	Multiplier M4974 18 Mo.	NiCD, 2.6 volts, 135 mAh. Equivalent to NLN4974A. For use in Motorola Minitor II and Director pagers.	9.80 0.04 0.02	5.00 4.93 4.88
47113 1 EACH	LexStar Tech. H6965 12 Mo.	NiCD, 1.3 volts, 150 mAh. Equivalent to NLN6965A. For use in Motorola Dimension IV, Director, Minotor, and Optrx pagers.	5.55 0.25 0.11	2.82 2.81 2.76
49799 1 EACH	Centurion PG6965 12 Mo.	NiCD, 1.3 volts, 150 mAh. Equivalent to NLN-6965A. For use in Motorola Pageboy II, Pagecom, Minitor, Dimension IV, and Spirit pagers.	6.90 0.16 0.07	3.51 3.48 3.43
52994 1 EACH	Multiplier M6965 18 Mo.	NiCD, 1.3 volts, 150 mAh. Equivalent to NLN-6965A. For use in Pageboy II, Pagecom, Minitor, Dimension IV, and Spirit pagers.	6.90 0.16 0.07	3.51 3.47 3.43
41918 1 EACH	LexStar Tech. G7057 12 Mo.	NiCD, 1.25 volts, 600 mAh. Equivalent to NLN7057A, 60-5842E02. For use in Motorola BPR2000, Dimension 2000, and Keynote pagers.	6.60 0.25 0.11	3.36 3.35 3.29
30103 1 EACH	JBro Batteries J/AA-NC 18 Mo.	NiCD, 1.25 volts, 600 mAh. Equivalent to NLN7057A, 60-5842E02. For use in Motorola BPR2000, Dimension 2000, and Keynote pagers.	6.40 0.1 0.05	3.35 3.20 3.18
65575 1 EACH	Multiplier M7057 18 Mo.	NiCD, 1.3 volts, 500 mAh. Equivalent to NLN-7057A. For use in Motorola BPR2000 and Keynote pagers.	6.35 0.1 0.05	3.25 3.21 3.17
46116 1 EACH	Multiplier MP8PA10 1 year	NiCD, 1.3 volts, 150 mAh. For use in GE Executone II/ Beacon and Shinwa Monipage pagers.	7.45 0.03 0.01	3.80 3.75 3.71

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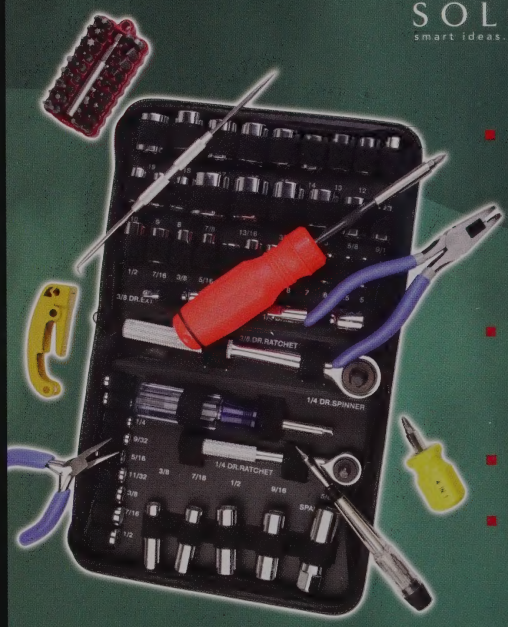

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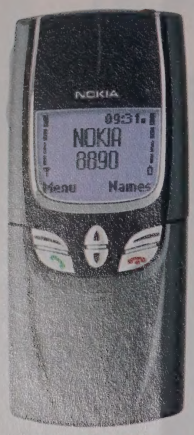
Nokia Service Parts Quick Pick



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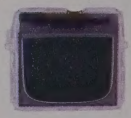

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DC & HS CONNECTOR
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Price Each $3.83
SKU 435084

SIM CONNECTOR
Mfg P/N 5409117
Price Each $1.88
SKU 442011

SPEAKER+SPRING
Mfg P/N 5140177
Price Each $5.04
SKU 433083

BATTERY CONNECTOR
Mfg P/N 5409093
Price Each $1.73
SKU 493039

SCREW M1.6X4.5 FLAT HEAD .8MM
Mfg P/N 6150029
Price Each $0.10
SKU 428076

SCREW 1.8X8 T6 BLACK
Mfg P/N 6290073
Price Each $0.10
SKU 469097

VIBRATOR MOTOR ASSEMBLY
Mfg P/N 6800045
Price Each $8.85
SKU 480071

INTERNAL BATTERY, 3.3V
Mfg P/N 4700119
Price Each $3.05
SKU 440090

TWIN RIP
Mfg P/N 9660147
Price Each $0.40
SKU 460063

BUZZER RUBBER
Mfg P/N 9480508
Price Each $0.30
SKU 458087

VOLUME SWITCH
Mfg P/N 5219019
Price Each $1.63
SKU 426024

METAL GASKET
Mfg P/N 9510554
Price Each $3.47
SKU 441074

SRT-3 BATTERY CONNECTOR REMOVAL TOOL
Mfg P/N 0770226
Price Each $39.87
SKU 428001

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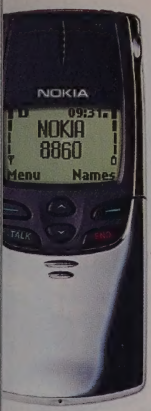
Nokia Service Parts Quick Pick



Nokia 8860

A-COVER, GLOSSY CHROME
Mfg P/N 9456600
Price Each $4.50
SKU 64720

C-COVER, CHROME
Mfg P/N 9456613
Price Each $6.00
SKU 92535

SLIDE COVER, GLOSSY CHROME
Mfg P/N 9490079
Price Each $14.00
SKU 92539

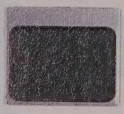
INTERNAL ANTENNA
Mfg P/N 0660193
Price Each $1.00
SKU 31078

CHROME WINDOW ASSEMBLY
Mfg P/N 9456212
Price Each $6.00
SKU 64718

KEYMAT
Mfg P/N 9790376
Price Each $6.90
SKU 92545

POWER KEY WITH GASKET
Mfg P/N 9790375
Price Each $5.80
SKU 92543

SLIDE FRAME-USER INTERFACE ASSEMBLY
Mfg P/N 9490076
Price Each $7.25
SKU 80932

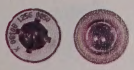


LCD MODULE
Mfg P/N 4850085
Price Each $14.50
SKU 26877

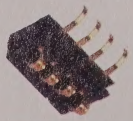
TYPE LABEL
Mfg P/N 9380930
Price Each $0.20
SKU 492071

DC JACK
Mfg P/N 5409081
Price Each $1.73
SKU 451028

HEADSET JACK
Mfg P/N 5409119
Price Each $2.00
SKU 87328



SPEAKER+SPRING
Mfg P/N 5140067
Price Each $1.41
SKU 54822



BATTERY CONNECTOR
Mfg P/N 5409079
Price Each $1.58
SKU 81081

SCREW M1.6X8 T6
Mfg P/N 6190017
Price Each $0.10
SKU 25832

SCREW M1.6x4 YELLOW T6
Mfg P/N 6190053
Price Each $0.10
SKU 496051

VIBRATION MOTOR ASSEMBLY
Mfg P/N 6800023
Price Each $5.80
SKU 87365

SLIDE CONNECTOR
Mfg P/N 5400127
Price Each $4.00
SKU 64907

ART-5 ANTENNA EXTRACTION TOOL
Mfg P/N 0774232
Price Each $22.15
SKU 483065

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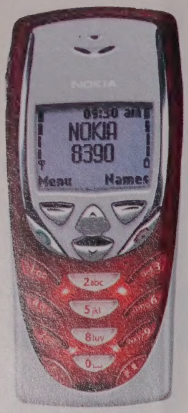
Nokia Service Parts Quick Pick

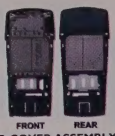


Nokia 8390

A-COVER ASSEMBLY, BLUE/WHITE

Mfg P/N 9497016
Price Each $8.85

SKU 446372



B-COVER ASSEMBLY

Mfg P/N 9456988
Price Each $1.80

SKU 465340

KEYMAT, BLUE

Mfg P/N 9790433
Price Each $8.43

SKU 442384

USER INTERFACE MODULE WITH LCD

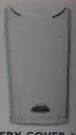
Mfg P/N 9490306
Price Each $35.97

SKU 437344

BATTERY COVER, BLANK

Mfg P/N 9456987
Price Each $3.18

SKU 456355



BATTERY-COVER, NOKIA LOGO

Mfg P/N 9490175
Price Each $4.98

SKU 490341

NOKIA
CONNECTING PEOPLE

TYPE LABEL

Mfg P/N 9370592
Price Each $0.15

SKU 459301

SYSTEM CONNECTOR

Mfg P/N 5460049
Price Each $1.14

SKU 454399

MICROPHONE ASSEMBLY

Mfg P/N 5140205
Price Each $1.92

SKU 461391

SPEAKER+SPRING

Mfg P/N 5140067
Price Each $1.41

SKU 54822

SCREW M1.6X5.5 T6+, YELLOW

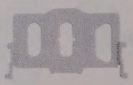
Mfg P/N 6150051
Price Each $0.10

SKU 453365

VIBRATOR MOTOR ASSEMBLY

Mfg P/N 6800055
Price Each $3.06

SKU 418360



SIM CARD COVER

Mfg P/N 9460377
Price Each $0.21

SKU 420391

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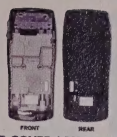
Nokia Service Parts Quick Pick

Nokia 8290

A-COVER ASSEMBLY, BLUE
Mfg P/N 9456862
Price Each $7.15
SKU 483048



B-COVER ASSEMBLY
Mfg P/N 9490133
Price Each $9.35
SKU 476072

INTERNAL ANTENNA
Mfg P/N 0660210
Price Each $3.68
SKU 487054

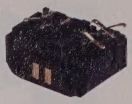
KEYMAT
Mfg P/N 9790398
Price Each $9.58
SKU 452084

VOLUME KEY
Mfg P/N 9790397
Price Each $0.40
SKU 433069

USER INTERFACE MODULE WITH LCD
Mfg P/N 9490576
Price Each $22.26
SKU 457194

BATTERY COVER ASSEMBLY
Mfg P/N 9456594
Price Each $2.10
SKU 490076

TYPE LABEL
Mfg P/N 9370416
Price Each $0.69
SKU 462139



DC & HS CONNECTOR
Mfg P/N 5409095
Price Each $3.83
SKU 435084

SIM CONNECTOR
Mfg P/N 5409155
Price Each $1.88
SKU 456090

MICROPHONE, HOLDER AND SPRINGS
Mfg P/N 5140175
Price Each $4.62
SKU 443060

SPEAKER+SPRING
Mfg P/N 5140067
Price Each $1.41
SKU 54822

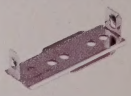
BATTERY CONNECTOR
Mfg P/N 5409093
Price Each $1.73
SKU 493039

SCREW M1.6X4.5 FLAT HEAD .8MM
Mfg P/N 6150029
Price Each $0.10
SKU 428076

VIBRATOR MOTOR ASSEMBLY
Mfg P/N 6800041
Price Each $7.31
SKU 487071

LI-ION INTERNAL BATTERY
Mfg P/N 4700127
Price Each $3.20
SKU 456078

BATTERY LATCH
Mfg P/N 9451601
Price Each $0.40
SKU 421085



SIM SPRING
Mfg P/N 9560085
Price Each $0.30
SKU 411097

BATTERY LATCH SPRING
Mfg P/N 9510545
Price Each $0.30
SKU 447096

VOLUME SWITCH
Mfg P/N 5219019
Price Each $1.63
SKU 426024

ANTENNA SWITCH
Mfg P/N 4550203
Price Each $4.36
SKU 479069

A-COVER FIXING, RIGHT SIDE
Mfg P/N 9460328
Price Each $0.40
SKU 420074

NOKIA A-COVER FIXING, LEFT SIDE
Mfg P/N 9460327
Price Each $0.40
SKU 436038

BUZZER GASKET
Mfg P/N 9480526
Price Each $0.40
SKU 431089

INFRARED WINDOW
Mfg P/N 9451600
Price Each $0.89
SKU 422047

SRT-3 BATTERY CONNECTOR REMOVAL TOOL
Mfg P/N 0770226
Price Each $39.87
SKU 428001

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Nokia Service Parts Quick Pick

Nokia 8270

A-COVER ASSEMBLY, SILVER
Mfg P/N 9494103
Price Each $7.02
SKU 410365

B-COVER ASSEMBLY
Mfg P/N 9497226
Price Each $15.41
SKU 489331

KEYMAT ASSEMBLY
Mfg P/N 9790670
Price Each $8.19
SKU 415352

VOLUME KEY
Mfg P/N 9790397
Price Each $0.40
SKU 433069

USER INTERFACE SHIELD MODULE
Mfg P/N 0202060
Price Each $10.71
SKU 448312

NOKIA
CONNECTING PEOPLE

LCD ASSEMBLY
Mfg P/N 0202072
Price Each $31.41
SKU 451368

BATTERY COVER ASSEMBLY
Mfg P/N 9456594
Price Each $2.10
SKU 490076

NOKIA
CONNECTING PEOPLE

LOGO LABEL, "DIGITAL"
Mfg P/N 9370827
Price Each $0.21
SKU 481406

DC & HS CONNECTOR
Mfg P/N 5409095
Price Each $3.83
SKU 435084

MICROPHONE, HOLDER AND SPRINGS
Mfg P/N 5140175
Price Each $4.62
SKU 443060

SPEAKER+SPRING
Mfg P/N 5140067
Price Each $1.41
SKU 54822

BATTERY CONNECTOR
Mfg P/N 5409093
Price Each $1.73
SKU 493039

SCREW, M1.6x5.9 T6
Mfg P/N 6190055
Price Each $0.05
SKU 471383

VIBRATOR MOTOR ASSEMBLY
Mfg P/N 6800041
Price Each $7.31
SKU 487071

BATTERY LATCH
Mfg P/N 9451601
Price Each $0.40
SKU 421085

ELASTOMER CONNECTOR
Mfg P/N 5400165
Price Each $1.02
SKU 454304

BATTERY LATCH SPRING
Mfg P/N 9510545
Price Each $0.30
SKU 447096

BUZZER GASKET
Mfg P/N 9480526
Price Each $0.40
SKU 431089

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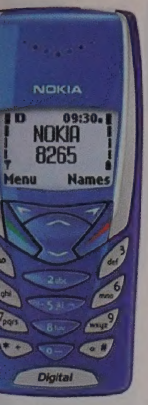
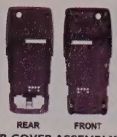
Nokia Service Parts Quick Pick



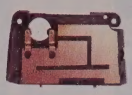
Nokia 8265

A-COVER ASSEMBLY, BEIGE/GRAY
Mfg P/N 9490752
Price Each $6.48
SKU 435317

A-COVER ASSEMBLY, CHARCOAL BLACK/GRAY
Mfg P/N 9494091
Price Each $17.25
SKU 479396



B-COVER ASSEMBLY
Mfg P/N 9494064
Price Each $2.07
SKU 481319



INTERNAL ANTENNA MODULE
Mfg P/N 0660247
Price Each $1.98
SKU 433367

KEYMAT
Mfg P/N 9794110
Price Each $8.46
SKU 495306

VOLUME KEY
Mfg P/N 9452133
Price Each $0.20
SKU 444340

USER INTERFACE MODULE WITH LCD
Mfg P/N 4850241
Price Each $28.83
SKU 428377

NOKIA
CONNECTING PEOPLE

BATTERY COVER, BEIGE/GRAY
Mfg P/N 9452509
Price Each $2.94
SKU 437369

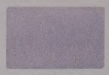
BATTERY COVER ASSEMBLY, CHARCOAL BLACK
Mfg P/N 9452483
Price Each $7.86
SKU 451382

Digital

LOGO LABEL, "DIGITAL"
Mfg P/N 9370608
Price Each $0.20
SKU 410337

NOKIA
CONNECTING PEOPLE

LOGO LABEL, NOKIA
Mfg P/N 9370621
Price Each $0.20
SKU 422366



TYPE LABEL
Mfg P/N 9380930
Price Each $0.20
SKU 492071

SYSTEM CONNECTOR
Mfg P/N 5460049
Price Each $1.14
SKU 454399

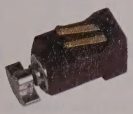
MICROPHONE ASSEMBLY
Mfg P/N 5140205
Price Each $1.92
SKU 461391

SPEAKER+SPRING
Mfg P/N 5140067
Price Each $1.41
SKU 54822

BATTERY CONNECTOR
Mfg P/N 5409199
Price Each $0.99
SKU 493350

MACHINE SCREW, M1.6X9
Mfg P/N 6150065
Price Each $0.10
SKU 428360

MACHINE SCREW, M1.6X7
Mfg P/N 6150067
Price Each $0.10
SKU 484382



VIBRATOR MOTOR ASSEMBLY
Mfg P/N 6800055
Price Each $3.06
SKU 418360

RF SHIELD ASSEMBLY
Mfg P/N 9510783
Price Each $3.69
SKU 492379

RF PLUG COUPLER
Mfg P/N 9510858
Price Each $0.15
SKU 449359

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Nokia Service Parts Quick Pick

Nokia 8260

A-COVER ASSEMBLY, RED

Mfg P/N 9452178
Price Each $8.55
SKU 429163

A-COVER ASSEMBLY, SW BELL BLUE

Mfg P/N 9452181
Price Each $8.55
SKU 449180

A-COVER ASSEMBLY, GRAY

Mfg P/N 9452180
Price Each $8.55
SKU 450180

A-COVER ASSEMBLY, BLUE

Mfg P/N 9452179
Price Each $8.55
SKU 453158

B-COVER ASSEMBLY

Mfg P/N 9456743
Price Each $4.25
SKU 468062

INTERNAL ANTENNA

Mfg P/N 0660206
Price Each $0.85
SKU 416099

KEYMAT

Mfg P/N 9790562
Price Each $8.91
SKU 462187

VOLUME KEYPAD WITH GASKET

Mfg P/N 9790565
Price Each $0.90
SKU 491388

USER INTERFACE BOARD ASSEMBLY

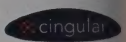
Mfg P/N 0201585
Price Each $7.30
SKU 438052

LCD MODULE

Mfg P/N 4850131
Price Each $16.60
SKU 479012

BATTERY COVER ASSEMBLY

Mfg P/N 9451704
Price Each $1.52
SKU 421097



LOGO LABEL, CINGULAR

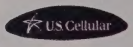
Mfg P/N 9370712
Price Each $0.20
SKU 410046

LOGO LABEL, AT&T

Mfg P/N 9430295
Price Each $0.20
SKU 461096

LOGO LABEL, "DIGITAL"

Mfg P/N 9430276
Price Each $0.20
SKU 471096



LOGO LABEL, US CELLULAR

Mfg P/N 9370529
Price Each $0.20
SKU 482064

TYPE LABEL

Mfg P/N 9380930
Price Each $0.20
SKU 492071

DC JACK

Mfg P/N 5409081
Price Each $1.73
SKU 451028

HEADSET JACK

Mfg P/N 5409119
Price Each $2.00
SKU 87328

MICROPHONE MODULE

Mfg P/N 5140165
Price Each $6.64
SKU 428062

SPEAKER+SPRING

Mfg P/N 5140067
Price Each $1.41
SKU 54822

BATTERY CONNECTOR

Mfg P/N 5409161
Price Each $0.93
SKU 478009

SCREW M1.6X8 T6

Mfg P/N 6190017
Price Each $0.10
SKU 25832

SCREW M1.6x4 T6 PATCH

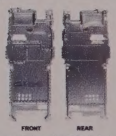
Mfg P/N 6190067
Price Each $0.05
SKU 415375

VIBRATION MOTOR ASSEMBLY

Mfg P/N 6800023
Price Each $5.80
SKU 87365

KEYBOARD SPACER

Mfg P/N 9460336
Price Each $2.48
SKU 468074



SHIELD ASSEMBLY

Mfg P/N 9517074
Price Each $9.23
SKU 480088

ART-9 ANTENNA REMOVAL TOOL

Mfg P/N 0774245
Price Each $11.40
SKU 472043

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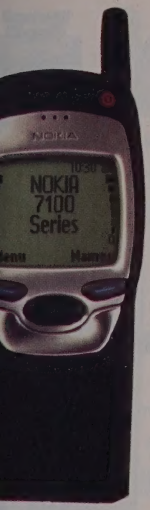

Nokia 7160

A-COVER ASSEMBLY
Mfg P/N 9451486
Price Each $8.40
SKU 480055

B-COVER ASSEMBLY
Mfg P/N 9456335
Price Each $8.19
SKU 426050

SLIDE COVER
Mfg P/N 9490058
Price Each $7.62
SKU 431014

SLIDE RAILS
Mfg P/N 9500065
Price Each $3.54
SKU 446130

FIXED ANTENNA
Mfg P/N 0660198
Price Each $1.59
SKU 421051

WINDOW ASSEMBLY
Mfg P/N 9456920
Price Each $3.99
SKU 471007

KEYMAT
Mfg P/N 9794014
Price Each $7.32
SKU 466052

POWER KEY/SPEAKER GASKET
Mfg P/N 9790342
Price Each $1.20
SKU 498039

LCD MODULE ASSEMBLY
Mfg P/N 9480401
Price Each $44.64
SKU 492018

LOGO LABEL, "DIGITAL"
Mfg P/N 9430213
Price Each $0.30
SKU 457080

LOGO LABEL, CINGULAR
Mfg P/N 9370578
Price Each $0.28
SKU 458026

TYPE LABEL
Mfg P/N 9380869
Price Each $0.10
SKU 472345

SYSTEM CONNECTOR
Mfg P/N 5469061
Price Each $4.04
SKU 63926

BUZZER+SPRINGS
Mfg P/N 5140123
Price Each $2.88
SKU 482025

SPEAKER+SPRING
Mfg P/N 5140067
Price Each $1.41
SKU 54822

BATTERY CONNECTOR
Mfg P/N 5469069
Price Each $0.99
SKU 51185

SCREW 1.8X11 T6
Mfg P/N 6290079
Price Each $0.05
SKU 412071

SCREW 1.8X8 T6 BLACK
Mfg P/N 6290073
Price Each $0.10
SKU 469097

INTERNAL BATTERY
Mfg P/N 4700089
Price Each $2.47
SKU 468022

ROLLER KEY ASSEMBLY
Mfg P/N 5200013
Price Each $5.10
SKU 496095

SLIDE SENSOR SWITCH
Mfg P/N 5200017
Price Each $0.51
SKU 494095

DUST CAP
Mfg P/N 9451139
Price Each $0.40
SKU 20684

RUBBER PLUG
Mfg P/N 9460299
Price Each $0.10
SKU 470026

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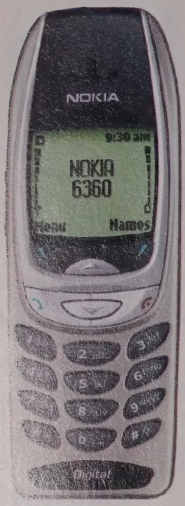
Nokia Service Parts Quick Pick



Nokia 6360

A-COVER ASSEMBLY, SILVER
Mfg P/N 9494036
Price Each $9.96
SKU 414371

A-COVER, NICKEL BLACK
Mfg P/N 9452207
Price Each $8.85
SKU 463325

D-COVER ASSEMBLY
Mfg P/N 9490322
Price Each $2.07
SKU 459385

GPS COVER
Mfg P/N 9470147
Price Each $0.96
SKU 418338

INTERNAL ANTENNA
Mfg P/N 0660236
Price Each $1.68
SKU 497306

KEYMAT
Mfg P/N 9790478
Price Each $9.09
SKU 412394

POWER KEY WITH GASKET
Mfg P/N 9790497
Price Each $0.48
SKU 447302

NOKIA
CONNECTING PEOPLE

VOLUME KEYPAD
Mfg P/N 9790501
Price Each $0.36
SKU 491372

USER INTERFACE MODULE WITH LCD
Mfg P/N 4850237
Price Each $21.93
SKU 471314

BATTERY COVER
Mfg P/N 9780278
Price Each $1.50
SKU 459313

LOGO LABEL, "DIGITAL"
Mfg P/N 9370602
Price Each $0.21
SKU 413309

NOKIA
CONNECTING PEOPLE

LOGO LABEL, AT&T
Mfg P/N 9370612
Price Each $0.21
SKU 415318

NOKIA
CONNECTING PEOPLE

LOGO LABEL, CINGULAR
Mfg P/N 9370614
Price Each $0.21
SKU 476317

TYPE LABEL
Mfg P/N 9370588
Price Each $0.10
SKU 427312

SYSTEM CONNECTOR
Mfg P/N 5429023
Price Each $0.90
SKU 418359

NOKIA
CONNECTING PEOPLE

BUZZER WITH GASKET
Mfg P/N 5140229
Price Each $1.68
SKU 455311

BATTERY CONNECTOR
Mfg P/N 5400227
Price Each $0.45
SKU 453360

SCREW M1.6X7 T6 FEZN
Mfg P/N 6290101
Price Each $0.05
SKU 451010

SCREW M1.6x10 T6
Mfg P/N 6190045
Price Each $0.05
SKU 453070

NOKIA
CONNECTING PEOPLE

VIBRATOR MOTOR ASSEMBLY
Mfg P/N 6800053
Price Each $2.70
SKU 449346

VOLUME SWITCH
Mfg P/N 5219021
Price Each $0.51
SKU 419364

DUST CAP
Mfg P/N 9451139
Price Each $0.40
SKU 20684

NOKIA
CONNECTING PEOPLE

INFRARED LENS
Mfg P/N 9451904
Price Each $0.20
SKU 427341

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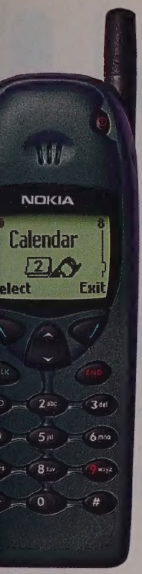
Nokia Service Parts Quick Pick



Nokia 6190

A-COVER ASSEMBLY
Mfg P/N 9451223
Price Each $1.50
SKU 17289

B-COVER ASSEMBLY
Mfg P/N 9457811
Price Each $6.00
SKU 63617

FIXED ANTENNA
Mfg P/N 0660161
Price Each $1.15
SKU 70733

WINDOW ASSEMBLY
Mfg P/N 9457772
Price Each $3.60
SKU 63903

KEYMAT WITH KEYDOME
Mfg P/N 9794002
Price Each $6.00
SKU 63892

POWER KEY AND SPEAKER GASKET
Mfg P/N 9790256
Price Each $1.60
SKU 65991

USER INTERFACE MODULE WITH LCD
Mfg P/N 0201454
Price Each $21.75
SKU 41672

LCD MODULE
Mfg P/N 0201366
Price Each $15.00
SKU 64250

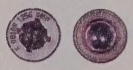
LOGO LABEL, VOICESTREAM
Mfg P/N 9430143
Price Each $0.15
SKU 22276

LOGO LABEL, WIRELESS 2000 PCS
Mfg P/N 9430190
Price Each $0.15
SKU 26674

LOGO LABEL, "DIGITAL"
Mfg P/N 9430152
Price Each $0.15
SKU 98537

TYPE LABEL
Mfg P/N 9380529
Price Each $0.20
SKU 49754

SYSTEM CONNECTOR
Mfg P/N 5469061
Price Each $4.04
SKU 63926



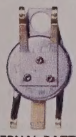
SPEAKER+SPRING
Mfg P/N 5140067
Price Each $1.41
SKU 54822

MICROPHONE+BOOT ASSEMBLY
Mfg P/N 5140101
Price Each $4.00
SKU 64248

BATTERY CONNECTOR
Mfg P/N 5469069
Price Each $0.99
SKU 51185

SCREW M1.6X7 T6 FEZN
Mfg P/N 6290101
Price Each $0.05
SKU 451010

SCREW M1.6x10 T6
Mfg P/N 6190015
Price Each $0.10
SKU 51655



INTERNAL BATTERY
Mfg P/N 4700089
Price Each $2.47
SKU 468022

SIM CARD READER
Mfg P/N 5400085
Price Each $1.75
SKU 35473

DUST CAP
Mfg P/N 9451139
Price Each $0.40
SKU 20684

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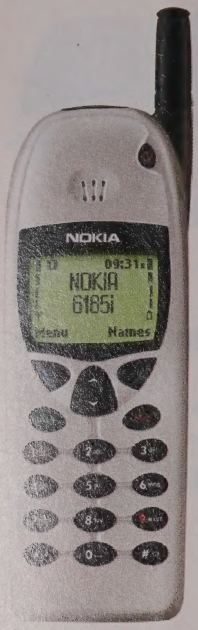
Nokia Service Parts Quick Pick



Nokia 6185

A-COVER ASSEMBLY

Mfg P/N 9451223
Price Each $1.50

SKU 17289

B-COVER WITH RETRACTABLE ANTENNA

Mfg P/N 0262105
Price Each $11.00

SKU 28984

WINDOW ASSEMBLY

Mfg P/N 9457772
Price Each $3.60

SKU 63903

KEYMAT WITH KEYDOME

Mfg P/N 9794002
Price Each $6.00

SKU 63892

POWER KEY AND SPEAKER GASKET

Mfg P/N 9790256
Price Each $1.60

SKU 65991

USER INTERFACE MODUL WITH LCD

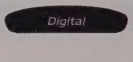
Mfg P/N 0201454
Price Each $21.75

SKU 41672

LCD MODULE

Mfg P/N 0201366
Price Each $15.00

SKU 64250



LOGO LABEL, "DIGITAL"

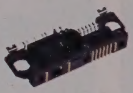
Mfg P/N 9430152
Price Each $0.15

SKU 98537

TYPE LABEL

Mfg P/N 9380529
Price Each $0.20

SKU 49754



SYSTEM CONNECTOR

Mfg P/N 5469061
Price Each $4.04

SKU 63926

SPEAKER+SPRING

Mfg P/N 5140067
Price Each $1.41

SKU 54822

MICROPHONE+BOOT ASSEMBLY

Mfg P/N 5140101
Price Each $4.00

SKU 64248

BATTERY CONNECTOR

Mfg P/N 5469069
Price Each $0.99

SKU 51185

SCREW M1.6X7 T6 FEZN

Mfg P/N 6290101
Price Each $0.05

SKU 451010

SCREW M1.6x10 T6

Mfg P/N 6190015
Price Each $0.10

SKU 51655

ANTENNA GROUND CLIP

Mfg P/N 9510595
Price Each $0.30

SKU 449020

ANTENNA CONNECTOR CLIP

Mfg P/N 9510594
Price Each $0.24

SKU 496093

INTERBOARD FRAME

Mfg P/N 9480340
Price Each $6.00

SKU 47184

DUST CAP

Mfg P/N 9451139
Price Each $0.40

SKU 20684

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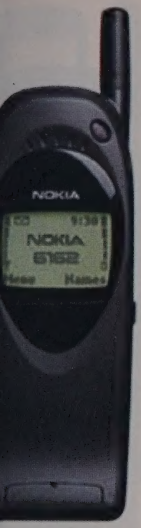
Nokia Service Parts Quick Pick



Nokia 6162

A-COVER ASSEMBLY
Mfg P/N 9457955
Price Each $6.00
SKU 62419

B-COVER ASSEMBLY
Mfg P/N 9451787
Price Each $6.56
SKU 457095

B-COVER WITH GASKET
Mfg P/N 9451785
Price Each $7.43
SKU 74687

FIXED ANTENNA
Mfg P/N 0660208
Price Each $1.80
SKU 66814

WINDOW ASSEMBLY
Mfg P/N 9456710
Price Each $4.50
SKU 64260

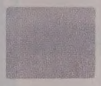
KEYMAT
Mfg P/N 9794005
Price Each $8.06
SKU 64270

POWER KEY AND GASKET
Mfg P/N 9790280
Price Each $1.75
SKU 49030

USER INTERFACE MODULE WITH LCD
Mfg P/N 0201454
Price Each $21.75
SKU 41672

LCD MODULE
Mfg P/N 0201366
Price Each $15.00
SKU 64250

LOGO LABEL, SILVER
Mfg P/N 9430193
Price Each $1.50
SKU 61927



TYPE LABEL
Mfg P/N 9380529
Price Each $0.20
SKU 49754

SYSTEM CONNECTOR
Mfg P/N 5469061
Price Each $4.04
SKU 63926

SPEAKER+SPRING
Mfg P/N 5140067
Price Each $1.41
SKU 54822

MICROPHONE+BOOT ASSEMBLY
Mfg P/N 5140093
Price Each $3.50
SKU 64278

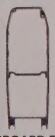
BATTERY CONNECTOR
Mfg P/N 5469069
Price Each $0.99
SKU 51185

SCREW M1.6X7 T6 FEZN
Mfg P/N 6290101
Price Each $0.05
SKU 451010

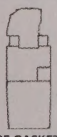
SCREW M1.6x4 YELLOW T6
Mfg P/N 6190053
Price Each $0.10
SKU 496051

SCREW M1.6x10 T6
Mfg P/N 6190015
Price Each $0.10
SKU 51655

WINDOW ADHESIVE
Mfg P/N 9480373
Price Each $1.50
SKU 28851



INTERBOARD FRAME
Mfg P/N 9480340
Price Each $6.00
SKU 47184



RF GASKET
Mfg P/N 9460221
Price Each $4.15
SKU 15379

DUST CAP
Mfg P/N 9451139
Price Each $0.40
SKU 20684

INFRARED WINDOW
Mfg P/N 9451024
Price Each $0.10
SKU 98719

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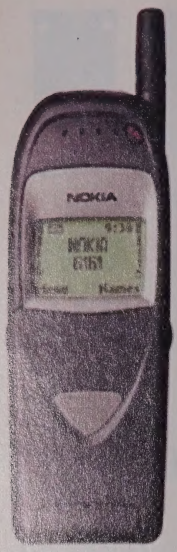
Nokia Service Parts Quick Pick



Nokia 6161

A-COVER ASSEMBLY
Mfg P/N 9456191
Price Each $5.52
SKU 74096

B-COVER ASSEMBLY
Mfg P/N 9451787
Price Each $6.56
SKU 457095

B-COVER WITH GASKET
Mfg P/N 9451785
Price Each $7.43
SKU 74687

FLIP DOOR
Mfg P/N 9451266
Price Each $0.48
SKU 92502

FIXED ANTENNA
Mfg P/N 0660208
Price Each $1.80
SKU 66814

WINDOW ASSEMBLY
Mfg P/N 9456190
Price Each $4.50
SKU 62526

KEYMAT
Mfg P/N 9794010
Price Each $6.00
SKU 64296

POWER KEY AND SPEAKER GASKET
Mfg P/N 9790323
Price Each $1.58
SKU 64283

USER INTERFACE MODULE WITH LCD
Mfg P/N 0201454
Price Each $21.75
SKU 41672

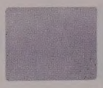
LCD MODULE
Mfg P/N 0201366
Price Each $15.00
SKU 64250

LOGO LABEL, SOUTHWEST BELL
Mfg P/N 9430220
Price Each $1.50
SKU 34250

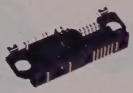
LOGO LABEL, CINGULAR
Mfg P/N 9370719
Price Each $1.11
SKU 420053

LOGO LABEL, SILVER
Mfg P/N 9430193
Price Each $1.50
SKU 61927

LOGO LABEL, US CELLULAR
Mfg P/N 9430281
Price Each $1.50
SKU 76084



TYPE LABEL
Mfg P/N 9380529
Price Each $0.20
SKU 49754



SYSTEM CONNECTOR
Mfg P/N 5469061
Price Each $4.04
SKU 63926

SPEAKER+SPRING
Mfg P/N 5140067
Price Each $1.41
SKU 54822

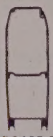
MICROPHONE+BOOT ASSEMBLY
Mfg P/N 5140093
Price Each $3.50
SKU 64278

BATTERY CONNECTOR
Mfg P/N 5469069
Price Each $0.99
SKU 51185

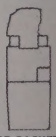
SCREW M1.6X7 T6 FEZN
Mfg P/N 6290101
Price Each $0.05
SKU 451010

SCREW M1.6x10 T6
Mfg P/N 6190015
Price Each $0.10
SKU 51655

WINDOW ADHESIVE
Mfg P/N 9480418
Price Each $0.20
SKU 28884



INTERBOARD FRAME
Mfg P/N 9480340
Price Each $6.00
SKU 47184



RF GASKET
Mfg P/N 9460221
Price Each $4.15
SKU 15379

DUST CAP
Mfg P/N 9451139
Price Each $0.40
SKU 20684

INFRARED WINDOW
Mfg P/N 9451024
Price Each $0.10
SKU 98719

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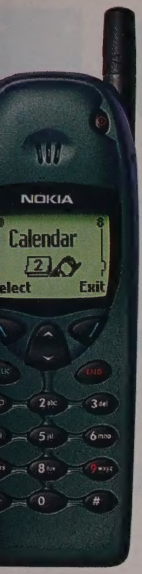
Nokia Service Parts Quick Pick



Nokia 6160

A-COVER ASSEMBLY
Mfg P/N 9451223
Price Each $1.50
SKU 17289

B-COVER ASSEMBLY
Mfg P/N 9451787
Price Each $6.56
SKU 457095

B-COVER WITH GASKET
Mfg P/N 9451785
Price Each $7.43
SKU 74687

FIXED ANTENNA
Mfg P/N 0660208
Price Each $1.80
SKU 66814

WINDOW ASSEMBLY
Mfg P/N 9457772
Price Each $3.60
SKU 63903

KEYMAT WITH KEYDOME
Mfg P/N 9794002
Price Each $6.00
SKU 63892

POWER KEY AND SPEAKER GASKET
Mfg P/N 9790256
Price Each $1.60
SKU 65991

USER INTERFACE MODULE WITH LCD
Mfg P/N 0201454
Price Each $21.75
SKU 41672

LCD MODULE
Mfg P/N 0201366
Price Each $15.00
SKU 64250

LOGO LABEL, CELLULAR ONE
Mfg P/N 9430174
Price Each $0.15
SKU 26652

LOGO LABEL, AT&T
Mfg P/N 9430145
Price Each $0.15
SKU 36214

LOGO LABEL, "DIGITAL"
Mfg P/N 9430152
Price Each $0.15
SKU 98537

TYPE LABEL
Mfg P/N 9380529
Price Each $0.20
SKU 49754

SYSTEM CONNECTOR
Mfg P/N 5469061
Price Each $4.04
SKU 63926

SPEAKER+SPRING
Mfg P/N 5140067
Price Each $1.41
SKU 54822

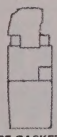
MICROPHONE+BOOT ASSEMBLY
Mfg P/N 5140101
Price Each $4.00
SKU 64248

BATTERY CONNECTOR
Mfg P/N 5469069
Price Each $0.99
SKU 51185

SCREW M1.6X7 T6 FEZN
Mfg P/N 6290101
Price Each $0.05
SKU 451010

SCREW M1.6x10 T6
Mfg P/N 6190015
Price Each $0.10
SKU 51655

INTERBOARD FRAME
Mfg P/N 9480340
Price Each $6.00
SKU 47184



RF GASKET
Mfg P/N 9460221
Price Each $4.15
SKU 15379

DUST CAP
Mfg P/N 9451139
Price Each $0.40
SKU 20684

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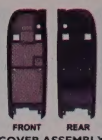
Nokia 6120

A-COVER ASSEMBLY
Mfg P/N 9451223
Price Each $1.50
SKU 17289

B-COVER ASSEMBLY
Mfg P/N 9451787
Price Each $6.56
SKU 457095



B-COVER ASSEMBLY, 5 HOLE
Mfg P/N 9456322
Price Each $6.00
SKU 64241

FIXED ANTENNA
Mfg P/N 0660166
Price Each $1.15
SKU 19126

WINDOW ASSEMBLY
Mfg P/N 9457772
Price Each $3.60
SKU 63903

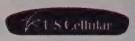
KEYMAT WITH KEYDOM
Mfg P/N 9794002
Price Each $6.00
SKU 63892

POWER KEY AND SPEAKER GASKET
Mfg P/N 9790256
Price Each $1.60
SKU 65991

USER INTERFACE MODULE WITH LCD
Mfg P/N 0201454
Price Each $21.75
SKU 41672

LCD MODULE
Mfg P/N 0201366
Price Each $15.00
SKU 64250

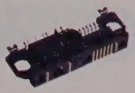
LOGO LABEL, CELLULAR ONE
Mfg P/N 9430174
Price Each $0.15
SKU 26652



LOGO LABEL, US CELLULAR
Mfg P/N 9430194
Price Each $0.15
SKU 26816

LOGO LABEL, "DIGITAL
Mfg P/N 9430152
Price Each $0.15
SKU 98537

TYPE LABEL
Mfg P/N 9380529
Price Each $0.20
SKU 49754



SYSTEM CONNECTOR
Mfg P/N 5469061
Price Each $4.04
SKU 63926

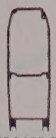
SPEAKER+SPRING
Mfg P/N 5140067
Price Each $1.41
SKU 54822

MICROPHONE+BOOT ASSEMBLY
Mfg P/N 5140101
Price Each $4.00
SKU 64248

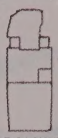
BATTERY CONNECTOR
Mfg P/N 5469069
Price Each $0.99
SKU 51185

SCREW M1.6X7 T6 FEZN
Mfg P/N 6290101
Price Each $0.05
SKU 451010

SCREW M1.6x10 T6
Mfg P/N 6190015
Price Each $0.10
SKU 51655



INTERBOARD FRAME
Mfg P/N 9480340
Price Each $6.00
SKU 47184



RF GASKET
Mfg P/N 9460221
Price Each $4.15
SKU 15379

DUST CAP
Mfg P/N 9451139
Price Each $0.40
SKU 20684

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Nokia Service Parts Quick Pick

Nokia 5190

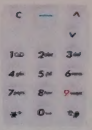
A-COVER ASSEMBLY, NIGHT BLUE
Mfg P/N 9456243
Price Each $3.50
SKU 62438

B-COVER ASSEMBLY
Mfg P/N 9456123
Price Each $6.00
SKU 62430

C-COVER ASSEMBLY
Mfg P/N 9457853
Price Each $1.94
SKU 16027

FIXED ANTENNA
Mfg P/N 0660161
Price Each $1.15
SKU 70733

WINDOW ASSEMBLY
Mfg P/N 9451671
Price Each $4.41
SKU 483025

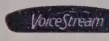


KEYMAT, WHITE
Mfg P/N 9790318
Price Each $3.50
SKU 63860

POWER KEY
Mfg P/N 9790332
Price Each $0.50
SKU 97496

USER INTERFACE MODULE WITH LCD
Mfg P/N 0201360
Price Each $24.50
SKU 71056

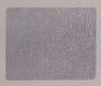
LCD MODULE
Mfg P/N 0201366
Price Each $15.00
SKU 64250



LOGO LABEL, VOICESTREAM
Mfg P/N 9430143
Price Each $0.15
SKU 22276

LOGO LABEL, WIRELESS 2000 PCS
Mfg P/N 9430190
Price Each $0.15
SKU 26674

LOGO LABEL, "DIGITAL"
Mfg P/N 9430152
Price Each $0.15
SKU 98537



TYPE LABEL
Mfg P/N 9380529
Price Each $0.20
SKU 49754

SYSTEM CONNECTOR
Mfg P/N 5469061
Price Each $4.04
SKU 63926

SPEAKER+SPRING
Mfg P/N 5140067
Price Each $1.41
SKU 54822

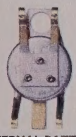
MICROPHONE+BOOT ASSEMBLY
Mfg P/N 5140101
Price Each $4.00
SKU 64248

BATTERY CONNECTOR
Mfg P/N 5469069
Price Each $0.99
SKU 51185

SCREW M1.6X7 T6 FEZN
Mfg P/N 6290101
Price Each $0.05
SKU 451010

SCREW M1.6x4 YELLOW T6
Mfg P/N 6190053
Price Each $0.10
SKU 496051

SCREW M1.6x10 T6
Mfg P/N 6190015
Price Each $0.10
SKU 51655



INTERNAL BATTERY
Mfg P/N 4700089
Price Each $2.47
SKU 468022

SIM CARD READER
Mfg P/N 5400085
Price Each $1.75
SKU 35473

FRAME ASSEMBLY
Mfg P/N 9467028
Price Each $4.50
SKU 38196

TRANSDUCER GASKET
Mfg P/N 9460215
Price Each $0.20
SKU 27734

DUST CAP
Mfg P/N 9451139
Price Each $0.40
SKU 20684

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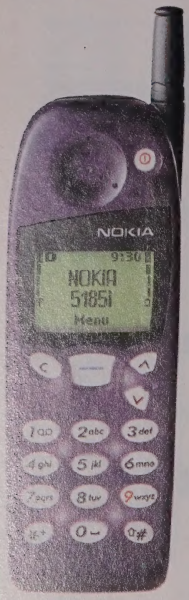
Nokia Service Parts Quick Pick



Nokia 5185i

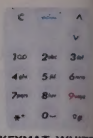
A-COVER ASSEMBLY, SHADOW GRAY
Mfg P/N 9497019
Price Each $2.22
SKU 467054

A-COVER ASSEMBLY, SMOKE GRAY
Mfg P/N 9497021
Price Each $1.86
SKU 475057

B-COVER WITH RETRACTABLE ANTENNA
Mfg P/N 9497186
Price Each $11.43
SKU 423131

C-COVER ASSEMBLY
Mfg P/N 9457853
Price Each $1.94
SKU 16027

WINDOW ASSEMBLY
Mfg P/N 9451671
Price Each $4.41
SKU 483025



KEYMAT, WHITE
Mfg P/N 9790318
Price Each $3.50
SKU 63860

POWER KEY
Mfg P/N 9790332
Price Each $0.50
SKU 97496

USER INTERFACE MODULE WITH LCD
Mfg P/N 0201360
Price Each $24.50
SKU 71056

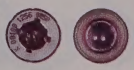
LCD MODULE
Mfg P/N 0201366
Price Each $15.00
SKU 64250

LOGO LABEL, VERIZON
Mfg P/N 9430335
Price Each $0.15
SKU 431010

LOGO LABEL, QWEST
Mfg P/N 9370517
Price Each $0.15
SKU 476026

TYPE LABEL
Mfg P/N 9381067
Price Each $0.24
SKU 418088

SYSTEM CONNECTOR
Mfg P/N 5469061
Price Each $4.04
SKU 63926



SPEAKER+SPRING
Mfg P/N 5140067
Price Each $1.41
SKU 54822

MICROPHONE+BOOT ASSEMBLY
Mfg P/N 5140101
Price Each $4.00
SKU 64248

BATTERY CONNECTOR
Mfg P/N 5469069
Price Each $0.99
SKU 51185

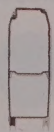
SCREW M1.6X7 T6 FEZN
Mfg P/N 6290101
Price Each $0.05
SKU 451010

SCREW M1.6x10 T6
Mfg P/N 6190045
Price Each $0.05
SKU 453070

SCREW M1.6x4 YELLOW T6
Mfg P/N 6190053
Price Each $0.10
SKU 496051

ANTENNA GROUND CLIP
Mfg P/N 9510595
Price Each $0.30
SKU 449020

ANTENNA CONNECTOR CLIP
Mfg P/N 9510594
Price Each $0.24
SKU 496093



FRAME ASSEMBLY
Mfg P/N 9467028
Price Each $4.50
SKU 38196

TRANSDUCER GASKET
Mfg P/N 9460215
Price Each $0.20
SKU 27734

DUST CAP
Mfg P/N 9451139
Price Each $0.40
SKU 20684

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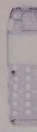
Nokia Service Parts Quick Pick

Nokia 5180

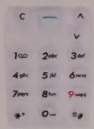
A-COVER ASSEMBLY, NIGHT BLUE
Mfg P/N 9456243
Price Each $3.50
SKU 62438

B-COVER WITH FIXED ANTENNA
Mfg P/N 0262140
Price Each $14.00
SKU 31721



C-COVER ASSEMBLY
Mfg P/N 9457853
Price Each $1.94
SKU 16027

WINDOW ASSEMBLY
Mfg P/N 9451671
Price Each $4.41
SKU 483025

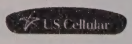


KEYMAT, WHITE
Mfg P/N 9790318
Price Each $3.50
SKU 63860

POWER KEY
Mfg P/N 9790332
Price Each $0.50
SKU 97496

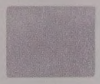
USER INTERFACE MODULE WITH LCD
Mfg P/N 0201360
Price Each $24.50
SKU 71056

LCD MODULE
Mfg P/N 0201366
Price Each $15.00
SKU 64250



LOGO LABEL, US CELLULAR
Mfg P/N 9430194
Price Each $0.15
SKU 26816

LOGO LABEL, "DIGITAL"
Mfg P/N 9430152
Price Each $0.15
SKU 98537



TYPE LABEL
Mfg P/N 9380529
Price Each $0.20
SKU 49754

SYSTEM CONNECTOR
Mfg P/N 5469061
Price Each $4.04
SKU 63926

SPEAKER+SPRING
Mfg P/N 5140067
Price Each $1.41
SKU 54822

MICROPHONE+BOOT ASSEMBLY
Mfg P/N 5140101
Price Each $4.00
SKU 64248

BATTERY CONNECTOR
Mfg P/N 5469069
Price Each $0.99
SKU 51185

SCREW M1.6X7 T6 FEZN
Mfg P/N 6290101
Price Each $0.05
SKU 451010

SCREW M1.6x4 YELLOW T6
Mfg P/N 6190053
Price Each $0.10
SKU 496051

SCREW M1.6x10 T6
Mfg P/N 6190015
Price Each $0.10
SKU 51655

ANTENNA GROUND CLIP
Mfg P/N 9510595
Price Each $0.30
SKU 449020

ANTENNA CONNECTOR CLIP
Mfg P/N 9510594
Price Each $0.24
SKU 496093

FRAME ASSEMBLY
Mfg P/N 9467028
Price Each $4.50
SKU 38196

TRANSDUCER GASKET
Mfg P/N 9460215
Price Each $0.20
SKU 27734

DUST CAP
Mfg P/N 9451139
Price Each $0.40
SKU 20684

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Nokia Service Parts Quick Pick

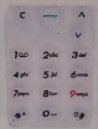
Nokia 5170

A-COVER ASSEMBLY, NIGHT BLUE
Mfg P/N 9456243
Price Each $3.50
SKU 62438

B-COVER WITH FIXED ANTENNA
Mfg P/N 0262140
Price Each $14.00
SKU 31721

C-COVER ASSEMBLY
Mfg P/N 9457853
Price Each $1.94
SKU 16027

WINDOW ASSEMBLY
Mfg P/N 9451671
Price Each $4.41
SKU 483025

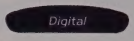


KEYMAT, WHITE
Mfg P/N 9790318
Price Each $3.50
SKU 63860

POWER KEY
Mfg P/N 9790332
Price Each $0.50
SKU 97496

USER INTERFACE MODULE WITH LCD
Mfg P/N 0201360
Price Each $24.50
SKU 71056

LCD MODULE
Mfg P/N 0201366
Price Each $15.00
SKU 64250



LOGO LABEL, "DIGITAL"
Mfg P/N 9430152
Price Each $0.15
SKU 98537

TYPE LABEL
Mfg P/N 9380529
Price Each $0.20
SKU 49754

SYSTEM CONNECTOR
Mfg P/N 5469061
Price Each $4.04
SKU 63926

SPEAKER+SPRING
Mfg P/N 5140067
Price Each $1.41
SKU 54822

MICROPHONE+BOOT ASSEMBLY
Mfg P/N 5140101
Price Each $4.00
SKU 64248

BATTERY CONNECTOR
Mfg P/N 5469069
Price Each $0.99
SKU 51185

SCREW M1.6X7 T6 FEZN
Mfg P/N 6290101
Price Each $0.05
SKU 451010

SCREW M1.6x4 YELLOW T6
Mfg P/N 6190053
Price Each $0.10
SKU 496051

SCREW M1.6x10 T6
Mfg P/N 6190015
Price Each $0.10
SKU 51655

FRAME ASSEMBLY
Mfg P/N 9467028
Price Each $4.50
SKU 38196

TRANSDUCER GASKET
Mfg P/N 9460215
Price Each $0.20
SKU 27734

DUST CAP
Mfg P/N 9451139
Price Each $0.40
SKU 20684

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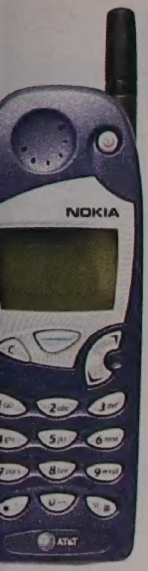
Nokia Service Parts Quick Pick



Nokia 5165

A-COVER, SANTRA BLUE
Mfg P/N 9490243
Price Each $1.35
SKU 416028

A-COVER, GRAY
Mfg P/N 9451926
Price Each $1.35
SKU 459077

A-COVER ASSEMBLY, SW BELL BLUE
Mfg P/N 9490329
Price Each $1.35
SKU 468008

B-COVER ASSEMBLY
Mfg P/N 9451794
Price Each $5.01
SKU 461012

C-COVER ASSEMBLY
Mfg P/N 9457853
Price Each $1.94
SKU 16027

FIXED ANTENNA
Mfg P/N 0660208
Price Each $1.80
SKU 66814

WINDOW ASSEMBLY
Mfg P/N 9456923
Price Each $2.43
SKU 420010

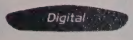
KEYMAT, SILVER
Mfg P/N 9790452
Price Each $3.24
SKU 412044

POWER KEY
Mfg P/N 9790475
Price Each $0.48
SKU 451057

USER INTERFACE MODULE WITH LCD
Mfg P/N 0201360
Price Each $24.50
SKU 71056

LCD MODULE
Mfg P/N 0201366
Price Each $15.00
SKU 64250

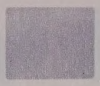
LOGO LABEL, US CELLULAR
Mfg P/N 9430349
Price Each $0.16
SKU 416022



LOGO LABEL, "DIGITAL"
Mfg P/N 9430348
Price Each $0.16
SKU 428061

LOGO LABEL, AT&T
Mfg P/N 9430355
Price Each $0.16
SKU 442395

LOGO LABEL, CINGULAR
Mfg P/N 9370579
Price Each $0.16
SKU 480033



TYPE LABEL
Mfg P/N 9380529
Price Each $0.20
SKU 49754

SYSTEM CONNECTOR
Mfg P/N 5469061
Price Each $4.04
SKU 63926

SPEAKER+SPRING
Mfg P/N 5140067
Price Each $1.41
SKU 54822

MICROPHONE+BOOT ASSEMBLY
Mfg P/N 5140101
Price Each $4.00
SKU 64248

BATTERY CONNECTOR
Mfg P/N 5469069
Price Each $0.99
SKU 51185

SCREW M1.6X7 T6 FEZN
Mfg P/N 6290101
Price Each $0.05
SKU 451010

SCREW M1.6x10 T6
Mfg P/N 6190045
Price Each $0.05
SKU 453070

SCREW M1.6x4 YELLOW T6
Mfg P/N 6190053
Price Each $0.10
SKU 496051

FRAME ASSEMBLY
Mfg P/N 9467028
Price Each $4.50
SKU 38196

TRANSDUCER GASKET
Mfg P/N 9460215
Price Each $0.20
SKU 27734

DUST CAP
Mfg P/N 9451139
Price Each $0.40
SKU 20684

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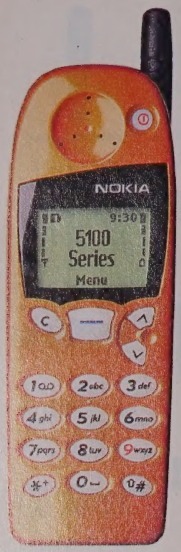
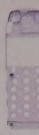


Nokia 5160

A-COVER ASSEMBLY, NIGHT BLUE
Mfg P/N 9456243
Price Each $3.50
SKU 62438

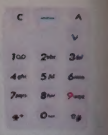
B-COVER ASSEMBLY
Mfg P/N 9451794
Price Each $5.01
SKU 461012



C-COVER ASSEMBLY
Mfg P/N 9457853
Price Each $1.94
SKU 16027

FIXED ANTENNA
Mfg P/N 0660208
Price Each $1.80
SKU 66814

WINDOW ASSEMBLY
Mfg P/N 9451671
Price Each $4.41
SKU 483025



KEYMAT, WHITE
Mfg P/N 9790318
Price Each $3.50
SKU 63860

POWER KEY
Mfg P/N 9790332
Price Each $0.50
SKU 97496

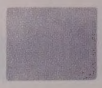
USER INTERFACE MODULE WITH LCD
Mfg P/N 0201360
Price Each $24.50
SKU 71056

LCD MODULE
Mfg P/N 0201366
Price Each $15.00
SKU 64250

LOGO LABEL, CELLULAR ONE
Mfg P/N 9430174
Price Each $0.15
SKU 26652

LOGO LABEL, AT&T
Mfg P/N 9430145
Price Each $0.15
SKU 36214

LOGO LABEL, "DIGITAL"
Mfg P/N 9430152
Price Each $0.15
SKU 98537



TYPE LABEL
Mfg P/N 9380529
Price Each $0.20
SKU 49754

SYSTEM CONNECTOR
Mfg P/N 5469061
Price Each $4.04
SKU 63926

SPEAKER+SPRING
Mfg P/N 5140067
Price Each $1.41
SKU 54822

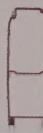
MICROPHONE+BOOT ASSEMBLY
Mfg P/N 5140101
Price Each $4.00
SKU 64248

BATTERY CONNECTOR
Mfg P/N 5469069
Price Each $0.99
SKU 51185

SCREW M1.6X7 T6 FEZN
Mfg P/N 6290101
Price Each $0.05
SKU 451010

SCREW M1.6x4 YELLOW T6
Mfg P/N 6190053
Price Each $0.10
SKU 496051

SCREW M1.6x10 T6
Mfg P/N 6190015
Price Each $0.10
SKU 51655



FRAME ASSEMBLY
Mfg P/N 9467028
Price Each $4.50
SKU 38196

TRANSDUCER GASKET
Mfg P/N 9460215
Price Each $0.20
SKU 27734

DUST CAP
Mfg P/N 9451139
Price Each $0.40
SKU 20684

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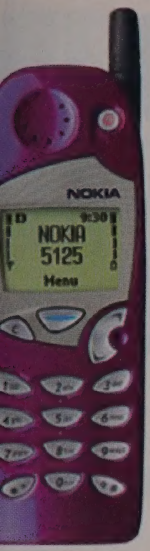
Nokia Service Parts Quick Pick

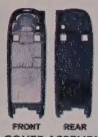


Nokia 5125

A-COVER, SANTRA BLUE
Mfg P/N 9490243
Price Each $1.35
SKU 416028

A-COVER, GRAY
Mfg P/N 9451926
Price Each $1.35
SKU 459077

A-COVER ASSEMBLY, SW BELL BLUE
Mfg P/N 9490329
Price Each $1.35
SKU 468008



B-COVER ASSEMBLY
Mfg P/N 9451794
Price Each $5.01
SKU 461012

C-COVER ASSEMBLY
Mfg P/N 9457853
Price Each $1.94
SKU 16027

FIXED ANTENNA
Mfg P/N 0660166
Price Each $1.15
SKU 19126

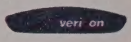
WINDOW ASSEMBLY
Mfg P/N 9456923
Price Each $2.43
SKU 420010

KEYMAT, SILVER
Mfg P/N 9790452
Price Each $3.24
SKU 412044

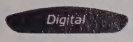
POWER KEY
Mfg P/N 9790475
Price Each $0.48
SKU 451057

USER INTERFACE MODULE WITH LCD
Mfg P/N 0201360
Price Each $24.50
SKU 71056

LCD MODULE
Mfg P/N 0201366
Price Each $15.00
SKU 64250



LOGO LABEL, VERIZON
Mfg P/N 9370782
Price Each $0.16
SKU 420145



LOGO LABEL, "DIGITAL"
Mfg P/N 9430348
Price Each $0.16
SKU 428061

TYPE LABEL
Mfg P/N 9380529
Price Each $0.20
SKU 49754

SYSTEM CONNECTOR
Mfg P/N 5469061
Price Each $4.04
SKU 63926

SPEAKER+SPRING
Mfg P/N 5140067
Price Each $1.41
SKU 54822

MICROPHONE+BOOT ASSEMBLY
Mfg P/N 5140101
Price Each $4.00
SKU 64248

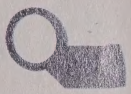
BATTERY CONNECTOR
Mfg P/N 5469069
Price Each $0.99
SKU 51185

SCREW M1.6X7 T6 FEZN
Mfg P/N 6290101
Price Each $0.05
SKU 451010

SCREW M1.6x10 T6
Mfg P/N 6190045
Price Each $0.05
SKU 453070

SCREW M1.6x4 YELLOW T6
Mfg P/N 6190053
Price Each $0.10
SKU 496051

FRAME ASSEMBLY
Mfg P/N 9467028
Price Each $4.50
SKU 38196



TRANSDUCER GASKET
Mfg P/N 9460215
Price Each $0.20
SKU 27734

DUST CAP
Mfg P/N 9451139
Price Each $0.40
SKU 20684

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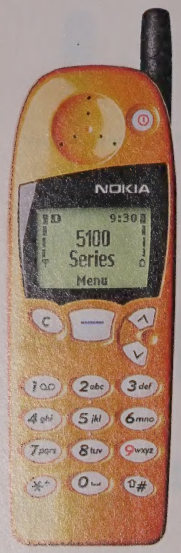
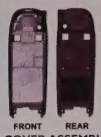


Nokia 5120

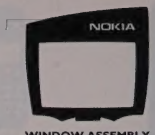
A-COVER ASSEMBLY, NIGHT BLUE
Mfg P/N 9456243
Price Each $3.50
SKU 62438



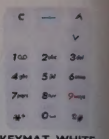
B-COVER ASSEMBLY
Mfg P/N 9451794
Price Each $5.01
SKU 461012

C-COVER ASSEMBLY
Mfg P/N 9457853
Price Each $1.94
SKU 16027

FIXED ANTENNA
Mfg P/N 0660166
Price Each $1.15
SKU 19126



WINDOW ASSEMBLY
Mfg P/N 9451671
Price Each $4.41
SKU 483025



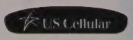
KEYMAT, WHITE
Mfg P/N 9790318
Price Each $3.50
SKU 63860

POWER KEY
Mfg P/N 9790332
Price Each $0.50
SKU 97496

USER INTERFACE MODULE WITH LCD
Mfg P/N 0201360
Price Each $24.50
SKU 71056

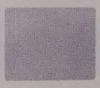
LCD MODULE
Mfg P/N 0201366
Price Each $15.00
SKU 64250

LOGO LABEL, CELLULAR ONE
Mfg P/N 9430174
Price Each $0.15
SKU 26652



LOGO LABEL, US CELLULAR
Mfg P/N 9430194
Price Each $0.15
SKU 26816

LOGO LABEL, "DIGITAL"
Mfg P/N 9430152
Price Each $0.15
SKU 98537



TYPE LABEL
Mfg P/N 9380529
Price Each $0.20
SKU 49754

SYSTEM CONNECTOR
Mfg P/N 5469061
Price Each $4.04
SKU 63926

SPEAKER+SPRING
Mfg P/N 5140067
Price Each $1.41
SKU 54822

MICROPHONE+BOOT ASSEMBLY
Mfg P/N 5140101
Price Each $4.00
SKU 64248

BATTERY CONNECTOR
Mfg P/N 5469069
Price Each $0.99
SKU 51185

SCREW M1.6X7 T6 FEZN
Mfg P/N 6290101
Price Each $0.05
SKU 451010

SCREW M1.6x4 YELLOW T6
Mfg P/N 6190053
Price Each $0.10
SKU 496051

SCREW M1.6x10 T6
Mfg P/N 6190015
Price Each $0.10
SKU 51655

FRAME ASSEMBLY
Mfg P/N 9467028
Price Each $4.50
SKU 38196

TRANSDUCER GASKET
Mfg P/N 9460215
Price Each $0.20
SKU 27734

DUST CAP
Mfg P/N 9451139
Price Each $0.40
SKU 20684

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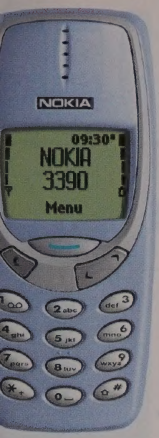
Nokia Service Parts Quick Pick



Nokia 3390

A-COVER ASSEMBLY, DARK BLUE
Mfg P/N 9451807
Price Each $3.21
SKU 429040

B-COVER ASSEMBLY, BLUE
Mfg P/N 9451797
Price Each $1.50
SKU 429037

D-COVER ASSEMBLY
Mfg P/N 9490261
Price Each $1.14
SKU 423068

INTERNAL ANTENNA
Mfg P/N 0660224
Price Each $8.01
SKU 426098

KEYMAT
Mfg P/N 9790420
Price Each $3.81
SKU 425084

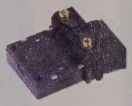
POWER KEY
Mfg P/N 9790437
Price Each $0.15
SKU 445039

USER INTERFACE MODULE WITH LCD
Mfg P/N 4850123
Price Each $26.64
SKU 432078

TYPE LABEL
Mfg P/N 9381066
Price Each $0.21
SKU 454010

SIM CONNECTOR
Mfg P/N 5400169
Price Each $0.51
SKU 426068

SYSTEM CONNECTOR
Mfg P/N 5460039
Price Each $4.29
SKU 484095



BUZZER ASSEMBLY
Mfg P/N 5140191
Price Each $2.28
SKU 464064

SPEAKER+SPRING
Mfg P/N 5140067
Price Each $1.41
SKU 54822

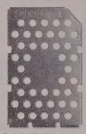
BATTERY CONNECTOR
Mfg P/N 5409153
Price Each $0.42
SKU 492062

SCREW 1.8X7.0 FE T6+ BLACK
Mfg P/N 6290107
Price Each $0.05
SKU 448092

VIBRATOR MOTOR ASSEMBLY
Mfg P/N 6800049
Price Each $2.79
SKU 484087

ANTENNA SWITCH
Mfg P/N 4550203
Price Each $4.36
SKU 479069

ANTENNA POGO PIN
Mfg P/N 5400171
Price Each $0.39
SKU 428047



PA LID SHIELD
Mfg P/N 9510667
Price Each $0.39
SKU 431013

RF LID SHIELD
Mfg P/N 9510669
Price Each $0.42
SKU 447042

BASEBAND LID SHIELD
Mfg P/N 9510593
Price Each $0.45
SKU 465088

SPEAKER GASKET
Mfg P/N 9480588
Price Each $0.10
SKU 414041

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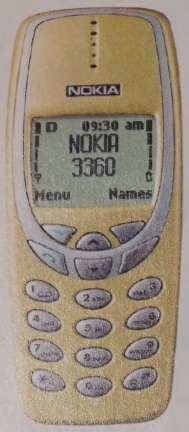
Nokia Service Parts Quick Pick



Nokia 3360

A-COVER ASSEMBLY, CINGULAR BLUE
Mfg P/N 9458268
Price Each $3.45
SKU 421140

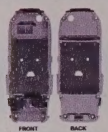
A-COVER ASSEMBLY, AT&T
Mfg P/N 9458266
Price Each $3.51
SKU 488313

A-COVER ASSEMBLY, NAVY BLUE
Mfg P/N 9456940
Price Each $3.39
SKU 496163

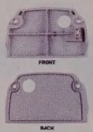
B-COVER, CINGULAR
Mfg P/N 9458148
Price Each $1.53
SKU 470199

B-COVER, NAVY BLUE
Mfg P/N 9456946
Price Each $1.53
SKU 471156

C-COVER ASSEMBLY
Mfg P/N 9490128
Price Each $4.98
SKU 475163

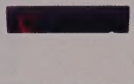


D-COVER ASSEMBLY
Mfg P/N 9490104
Price Each $13.08
SKU 490135



INTERNAL ANTENNA
Mfg P/N 0660221
Price Each $1.56
SKU 442147

KEYMAT
Mfg P/N 9790444
Price Each $4.38
SKU 415169

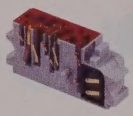


INFRARED/POWER KEY
Mfg P/N 9451703
Price Each $0.72
SKU 440192

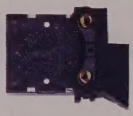
KEYDOME ARRAY
Mfg P/N 9795082
Price Each $0.10
SKU 472168

USER INTERFACE MODULE WITH LCD
Mfg P/N 4850139
Price Each $19.98
SKU 477165

TYPE LABEL
Mfg P/N 9370583
Price Each $0.10
SKU 444137

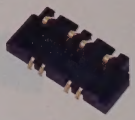


SYSTEM CONNECTOR
Mfg P/N 5460043
Price Each $3.63
SKU 496189



BUZZER ASSEMBLY
Mfg P/N 5140203
Price Each $1.65
SKU 410110

SPEAKER+SPRING
Mfg P/N 5140067
Price Each $1.41
SKU 54822



BATTERY CONNECTOR
Mfg P/N 5409143
Price Each $0.50
SKU 489140

SCREW 1.8X8 T6 BLACK
Mfg P/N 6290093
Price Each $0.05
SKU 410108

VIBRATOR MOTOR ASSEMBLY
Mfg P/N 6800049
Price Each $2.79
SKU 484087

BATTERY LATCH
Mfg P/N 9451706
Price Each $0.20
SKU 418133

RELEASE SPRING
Mfg P/N 9510566
Price Each $0.10
SKU 468169

METAL DECK
Mfg P/N 9510561
Price Each $0.42
SKU 448148

SPEAKER GASKET
Mfg P/N 9480570
Price Each $0.20
SKU 425113

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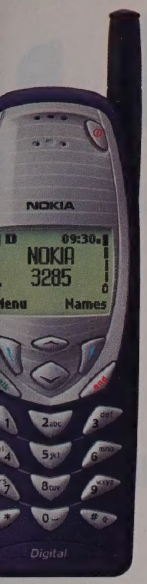
Nokia Service Parts Quick Pick



Nokia 3285

A-COVER ASSEMBLY, COSMIC BLUE
Mfg P/N 9497222
Price Each $9.72
SKU 410174

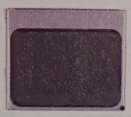
B-COVER WITH RETRACTABLE ANTENNA
Mfg P/N 9497186
Price Each $11.43
SKU 423131

C-COVER ASSEMBLY
Mfg P/N 9490346
Price Each $0.96
SKU 427142

KEYMAT
Mfg P/N 9480676
Price Each $1.80
SKU 487123

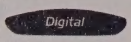
POWER KEY
Mfg P/N 9795090
Price Each $0.48
SKU 478124

USER INTERFACE MODULE WITH LCD
Mfg P/N 0201767
Price Each $34.79
SKU 499162



LCD MODULE
Mfg P/N 0201781
Price Each $26.13
SKU 455167

LOGO LABEL, VERIZON
Mfg P/N 9370782
Price Each $0.16
SKU 420145



LOGO LABEL, "DIGITAL"
Mfg P/N 9430348
Price Each $0.16
SKU 428061

TYPE LABEL
Mfg P/N 9381067
Price Each $0.24
SKU 418088

SYSTEM CONNECTOR
Mfg P/N 5469061
Price Each $4.04
SKU 63926

SPEAKER+SPRING
Mfg P/N 5140067
Price Each $1.41
SKU 54822

MICROPHONE+BOOT ASSEMBLY
Mfg P/N 5140101
Price Each $4.00
SKU 64248

BATTERY CONNECTOR
Mfg P/N 5469069
Price Each $0.99
SKU 51185

SCREW M1.6X7 T6 FEZN
Mfg P/N 6290101
Price Each $0.05
SKU 451010

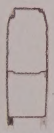
SCREW M1.6x4 YELLOW T6
Mfg P/N 6190053
Price Each $0.10
SKU 496051

SCREW M1.6x10 T6
Mfg P/N 6190015
Price Each $0.10
SKU 51655

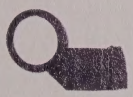
VIBRATION MOTOR ASSEMBLY
Mfg P/N 6800037
Price Each $8.40
SKU 17814

ANTENNA GROUND CLIP
Mfg P/N 9510595
Price Each $0.30
SKU 449020

ANTENNA CONNECTOR CLIP
Mfg P/N 9510594
Price Each $0.24
SKU 496093



FRAME ASSEMBLY
Mfg P/N 9467028
Price Each $4.50
SKU 38196



TRANSDUCER GASKET
Mfg P/N 9460215
Price Each $0.20
SKU 27734

DUST CAP
Mfg P/N 9451139
Price Each $0.40
SKU 20684

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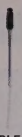
Nokia Service Parts Quick Pick

Nokia 2190

A-COVER ASSEMBLY
Mfg P/N 9450269
Price Each $5.00
SKU 64341

B-COVER ASSEMBLY
Mfg P/N 9450434
Price Each $1.60
SKU 64707



RETRACTABLE ANTENNA
Mfg P/N 0660111
Price Each $3.00
SKU 20375

WINDOW ASSEMBLY
Mfg P/N 9457279
Price Each $6.00
SKU 92950

KEYMAT
Mfg P/N 9790154
Price Each $7.50
SKU 64360

POWER KEY
Mfg P/N 9790062
Price Each $0.75
SKU 34368

VOLUME KEYPAD
Mfg P/N 9790055
Price Each $0.75
SKU 35617

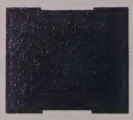
SCREW PT 1.8X5 BLACK
Mfg P/N 6291666
Price Each $0.20
SKU 27526

SCREW M2X5TORX6
Mfg P/N 6290060
Price Each $0.10
SKU 44487

SCREW PT 1.8X8 T6 PAN HEAD
Mfg P/N 6291662
Price Each $0.20
SKU 94845

EDGE CLIP
Mfg P/N 9510286
Price Each $0.40
SKU 17208

A-SHIELD
Mfg P/N 9450656
Price Each $5.46
SKU 38894



SIM COVER
Mfg P/N 9450230
Price Each $0.30
SKU 51909

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Nokia Service Parts Quick Pick

Nokia 2180

A-COVER ASSEMBLY
Mfg P/N 9450269
Price Each $5.00
SKU 64341

B-COVER ASSEMBLY
Mfg P/N 9450504
Price Each $1.98
SKU 64712

RETRACTABLE ANTENNA
Mfg P/N 0660101
Price Each $3.00
SKU 55732

WINDOW ASSEMBLY
Mfg P/N 9457246
Price Each $3.50
SKU 92479

KEYMAT
Mfg P/N 9790149
Price Each $6.00
SKU 64368

POWER KEY
Mfg P/N 9790062
Price Each $0.75
SKU 34368

VOLUME KEYPAD
Mfg P/N 9790055
Price Each $0.75
SKU 35617

USER INTERFACE MODULE WITH LCD
Mfg P/N 0200521
Price Each $21.68
SKU 46930

TYPE LABEL
Mfg P/N 9380264
Price Each $0.20
SKU 69213

SCREW PT 1.4X6
Mfg P/N 6291658
Price Each $0.20
SKU 18059

SCREW PT 1.8X5 BLACK
Mfg P/N 6291666
Price Each $0.20
SKU 27526

SCREW M2X5TORX6
Mfg P/N 6290060
Price Each $0.10
SKU 44487

SCREW PT 1.8X8 T6 PAN HEAD
Mfg P/N 6291662
Price Each $0.20
SKU 94845

WINDOW ADHESIVE
Mfg P/N 9480132
Price Each $0.36
SKU 91822

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CONNECTING PEOPLE

REPLACEMENT SHIELD
Mfg P/N 9540010
Price Each $4.25
SKU 47908

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Nokia Service Parts Quick Pick

Nokia 2120, 2160

A-COVER ASSEMBLY
Mfg P/N 9450265
Price Each $4.50
SKU 63746

B-COVER ASSEMBLY
Mfg P/N 9450592
Price Each $0.75
SKU 77048

RETRACTABLE ANTENNA
Mfg P/N 0660101
Price Each $3.00
SKU 55732

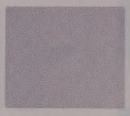
WINDOW ASSEMBLY
Mfg P/N 9457268
Price Each $3.50
SKU 64366

KEYMAT
Mfg P/N 9790149
Price Each $6.00
SKU 64368

POWER KEY
Mfg P/N 9790062
Price Each $0.75
SKU 34368

VOLUME KEYPAD
Mfg P/N 9790055
Price Each $0.75
SKU 35617

USER INTERFACE MODULE WITH LCD
Mfg P/N 0200762
Price Each $28.00
SKU 58895



TYPE LABEL
Mfg P/N 9380264
Price Each $0.20
SKU 69213

SCREW PT 1.4X6
Mfg P/N 6291658
Price Each $0.20
SKU 18059

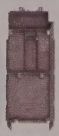
SCREW PT 1.8X16 CLR
Mfg P/N 6291664
Price Each $0.30
SKU 40740

SCREW M2X5TORX6
Mfg P/N 6290060
Price Each $0.10
SKU 44487

SCREW PT 1.8X8 T6 PAN HEAD
Mfg P/N 6291662
Price Each $0.20
SKU 94845

WINDOW ADHESIVE
Mfg P/N 9480155
Price Each $0.20
SKU 64145

REPLACEMENT A-SHIELD
Mfg P/N 9460152
Price Each $4.36
SKU 64388



REPLACEMENT B-SHIELD
Mfg P/N 9540009
Price Each $5.40
SKU 99515

WINDOW GASKET
Mfg P/N 9480079
Price Each $1.00
SKU 17534

CALL INDICATOR LENS
Mfg P/N 9450266
Price Each $0.10
SKU 75839

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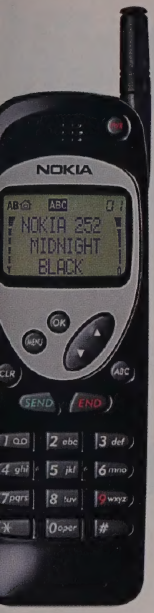


Nokia 252

A-COVER, TURBO RED
Mfg P/N 9457947
Price Each $8.18
SKU 23580

A-COVER, GUN METAL
Mfg P/N 9457913
Price Each $14.00
SKU 64471

A-COVER, GLOSS BLACK
Mfg P/N 9457984
Price Each $4.50
SKU 64504

NOKIA
CONNECTING PEOPLE

A-COVER, WOODGRAIN
Mfg P/N 9457983
Price Each $8.23
SKU 67295

A-COVER, GLOSS BLUE
Mfg P/N 9457986
Price Each $7.80
SKU 79260

A-COVER, GLOSS GREEN
Mfg P/N 9457985
Price Each $7.91
SKU 92474

B-COVER ASSEMBLY, BLANK ON BACK
Mfg P/N 9457898
Price Each $3.15
SKU 41790

NOKIA B-COVER, WITH NOKIA LOGO
Mfg P/N 9456302
Price Each $3.50
SKU 64486

RETRACTABLE ANTENNA
Mfg P/N 0660175
Price Each $2.25
SKU 64696

WINDOW ASSEMBLY, SILVER
Mfg P/N 9457763
Price Each $4.50
SKU 63712

WINDOW ASSEMBLY, BLACK
Mfg P/N 9457928
Price Each $4.50
SKU 64451

KEYMAT, WHITE
Mfg P/N 9790231
Price Each $3.57
SKU 64513

KEYMAT, BLACK
Mfg P/N 9790265
Price Each $6.00
SKU 64746

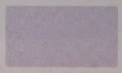
KEYDOME ARRAY
Mfg P/N 9795024
Price Each $3.73
SKU 92457

USER INTERFACE MODULE WITH LCD
Mfg P/N 0201501
Price Each $31.00
SKU 84746

LCD MODULE
Mfg P/N 4850025
Price Each $17.00
SKU 54554

NOKIA
CONNECTING PEOPLE

LOGO LABEL, NOKIA
Mfg P/N 9430197
Price Each $1.50
SKU 35499



TYPE LABEL
Mfg P/N 9380535
Price Each $0.20
SKU 26328

MICROPHONE
Mfg P/N 5140049
Price Each $3.50
SKU 63691

SPEAKER+SPRINGS
Mfg P/N 5140091
Price Each $4.25
SKU 63717

SCREW M1.6x4 T6 BLACK
Mfg P/N 6190007
Price Each $0.20
SKU 66118

SCREW M1.6x6 T6
Mfg P/N 6190009
Price Each $0.20
SKU 78083

BONDING PROTECTOR
Mfg P/N 9470027
Price Each $0.20
SKU 74137

SPEAKER RETAINER
Mfg P/N 9510334
Price Each $1.73
SKU 53103

POWER KEY AND LCD GASKET
Mfg P/N 9790232
Price Each $3.50
SKU 63733

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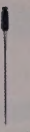
Nokia Service Parts Quick Pick

Nokia 918

A-COVER ASSEMBLY
Mfg P/N 9457725
Price Each $6.00
SKU 64415

BACK SHIELD
Mfg P/N 9450962
Price Each $7.31
SKU 21933

B-COVER ASSEMBLY
Mfg P/N 9457747
Price Each $2.47
SKU 92277



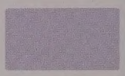
RETRACTABLE ANTENNA
Mfg P/N 0660100
Price Each $3.30
SKU 64675

WINDOW, BLACK
Mfg P/N 9457742
Price Each $6.00
SKU 62444

KEYMAT
Mfg P/N 9790237
Price Each $3.60
SKU 79205

POWER KEY
Mfg P/N 9790236
Price Each $1.75
SKU 69632

LCD MODULE
Mfg P/N 0200893
Price Each $25.00
SKU 55693



TYPE LABEL
Mfg P/N 9380535
Price Each $0.20
SKU 26328

SPEAKER+CONNECTOR
Mfg P/N 5140099
Price Each $2.84
SKU 482012

MICROPHONE
Mfg P/N 5140049
Price Each $3.50
SKU 63691

SCREW M2X3.8 PAN T6
Mfg P/N 6190001
Price Each $0.10
SKU 28974

SCREW M2X5TORX6
Mfg P/N 6290060
Price Each $0.10
SKU 44487

LCD ADHESIVE
Mfg P/N 9480312
Price Each $0.30
SKU 59966

EARPHONE DUST SHIELD
Mfg P/N 9480107
Price Each $0.20
SKU 16285

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Service Parts For:

Kyocera 6035

Kyocera QCP 6035 [330-50]

ont Housings

t No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 7376 ACH	Kyocera Service Parts TMSRP00913 30 Days	Front Housing Assembly w/Flip	24.00 0.04 0.02	24.00 24.00 24.00

ar Housings

t No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 0329 ACH	Kyocera Service Parts TMSRP0914 30 Days	Rear Housing Assembly	11.65 0.03 0.01	11.64 11.64 11.64

tennas

t No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 9372 ACH	Kyocera Service Parts TMSRP0370 30 Days	Dual Band Antenna	3.00 0.02 0.01	2.97 2.97 2.97

ns Assemblies

t No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 385 ACH	Kyocera Service Parts TMSRP0917 30 Days	Lens Assembly	1.20 0.02 0.01	1.20 1.20 1.20

D Modules

t No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 380 ACH	Kyocera Service Parts TMSRP0912 30 Days	LCD Module	48.00 0.03 0.01	48.00 48.00 48.00

ttery Doors

t No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 936 ACH	Kyocera Service Parts TMSRP0901 30 Days	Battery Door	1.40 0.02 0.01	1.40 1.40 1.40

Logo Labels

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 430369 1 EACH	Kyocera Service Parts TMSRP10048 30 Days	Logo Label, Alltel	0.80 0.01 0	0.80 0.80 0.80
NEW 436381 1 EACH	Kyocera Service Parts TMSRP0907 30 Days	Label, Graffitti	0.80 0.01 0	0.80 0.80 0.80
NEW 437396 1 EACH	Kyocera Service Parts TMSRP10050 30 Days	Logo Label, Verizon	0.80 0.01 0	0.80 0.80 0.80
NEW 445329 1 EACH	Kyocera Service Parts TMSRP10049 30 Days	Logo Label, Sprint	0.80 0.01 0	0.80 0.80 0.80
NEW 461392 1 EACH	Kyocera Service Parts TMSRP0905 30 Days	Logo Label, "Qcp-6035"	0.80 0.01 0	0.80 0.80 0.80
NEW 473322 1 EACH	Kyocera Service Parts TMSRP10047 30 Days	Logo Label, Qwest	0.80 0.01 0	0.80 0.80 0.80

ESN Labels

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 432328 1 EACH	Kyocera Service Parts TMSRP0932 30 Days	ESN Label	0.05 0.01 0	0.03 0.03 0.03

Microphone Assemblies

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 471394 1 EACH	Kyocera Service Parts TMSRP0908 30 Days	Microphone Assembly	4.80 0.02 0.01	4.80 4.80 4.80

Vibrator Motor Assemblies

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 452328 1 EACH	Kyocera Service Parts TMSRP0909 30 Days	Vibrator Motor Assembly	8.15 0.02 0.01	8.15 8.15 8.15

Speaker Assemblies

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 428381 1 EACH	Kyocera Service Parts TMSRP0911 30 Days	Earpiece Speaker Assembly	1.75 0.02 0.01	1.72 1.72 1.72
NEW 467325 1 EACH	Kyocera Service Parts TMSRP0910 30 Days	Loudspeaker Assembly	6.35 0.02 0.01	6.35 6.35 6.35

Screws

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 410372 1 EACH	Kyocera Service Parts TMSRP0915 30 Days	Screw, Torx, 13mm, Zinc/Blk	0.10 0.01 0	0.10 0.10 0.10
NEW 463395 1 EACH	Kyocera Service Parts TMSRP0918 30 Days	Screw, Torx, 10mm, Zink/Blk	0.10 0.01 0	0.10 0.10 0.10

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Kyocera Phone Parts

Batteries

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 443354 1 EACH	Kyocera Service Parts TMSRP0931 30 Days	Backup Battery	5.85 0.02 0.01	5.85 5.85 5.85

Stylus

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 448365 1 EACH	Kyocera Service Parts TXHDW0091 30 Days	Plastic Stylus	1.60 0.02 0.01	1.56 1.56 1.56

Shields

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 435396 1 EACH	Kyocera Service Parts TMSRP0916 30 Days	Inner Shield	4.20 0.02 0.01	4.20 4.20 4.20

Plugs

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 451344 1 EACH	Kyocera Service Parts TMSRP0902 30 Days	Plug, Rf Port	0.55 0.02 0.01	0.54 0.54 0.54

Data Port Connectors

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 486384 1 EACH	Kyocera Service Parts TMSRP0930 30 Days	Data Port	3.30 0.02 0.01	3.30 3.30 3.30

Headset Jacks

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 462375 1 EACH	Kyocera Service Parts TMSRP0923 30 Days	Headset Jack, 2.5mm	1.50 0.02 0.01	1.47 1.47 1.47

Switch Assemblies

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 411382 1 EACH	Kyocera Service Parts TMSRP0929 30 Days	Backlight Switch	1.05 0.02 0.01	1.05 1.05 1.05
NEW 420397 1 EACH	Kyocera Service Parts TMSRP0928 30 Days	Reset Switch	1.10 0.02 0.01	1.10 1.10 1.10
NEW 464373 1 EACH	Kyocera Service Parts TMSRP0927 30 Days	Function Button/Switch	0.60 0.02 0.01	0.56 0.56 0.56

Connectors, Compression, Board to Board

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 468390 1 EACH	Kyocera Service Parts TMSRP10045 30 Days	Compression Keyboard	115.85 0.03 0.01	115.82 115.82 115.82

Pogo Pins

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 463323 1 EACH	Kyocera Service Parts TMSRP0919 30 Days	Pogo Pin (Keypad Contact)	3.20 0.02 0.01	3.20 3.20 3.20

Protective Film

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 492373 1 EACH	Kyocera Service Parts TMSRP0922 30 Days	Protective Film for Lcd	0.15 0.01 0	0.13 0.13 0.13

Antenna Contacts, Clips

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 433330 1 EACH	Kyocera Service Parts TMSRP0921 30 Days	Antenna Clip	0.70 0.02 0.01	0.70 0.70 0.70

RF Ports

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 426335 1 EACH	Kyocera Service Parts TMSRP0924 30 Days	Rf Port, Switched	1.75 0.02 0.01	1.75 1.75 1.75

LEDs, Diodes

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 474323 1 EACH	Kyocera Service Parts TMSRP0926 30 Days	Led, Red/Green	0.65 0.01 0	0.65 0.65 0.65

Transceivers

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 444398 1 EACH	Kyocera Service Parts TMSRP0925 30 Days	Transceiver, Infrared	7.50 0.02 0.01	7.50 7.50 7.50

Jog Shuttles

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 498358 1 EACH	Kyocera Service Parts TMSRP0920 30 Days	Jog Shuttle	3.90 0.02 0.01	3.90 3.90 3.90

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Service Parts For:

Kyocera 3035

Kyocera QCP 3035 [330-50]

ont Housings

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 380 ACH	Kyocera Service Parts TMSRP0A10 30 Days	Front Housing Assembly	7.50 0.03 0.01	7.50 7.50 7.50

ar Housings

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 390 ACH	Kyocera Service Parts TMSRP0A11 30 Days	Rear Housing Assembly	8.20 0.03 0.01	8.20 8.20 8.20

tennas

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 149 ACH	Kyocera Service Parts TMSRP0A06 1 year	Retractable Antenna	2.25 0.02 0.01	2.25 2.25 2.25

ns Assemblies

uing product table (1 of 2)

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 386 CH	Kyocera Service Parts TMSRP0A25 30 Days	Protective Lens, Movistar	5.55 0.02 0.01	5.52 5.52 5.52
W 364 CH	Kyocera Service Parts TMSRP0A26 30 Days	Protective Lens, KYOCERA/Verizon	5.55 0.02 0.01	5.52 5.52 5.52
W 392 CH	Kyocera Service Parts TMSRP0A15 30 Days	Protective Lens,"By KYOCERA"	5.55 0.02 0.01	5.52 5.52 5.52
W 384 CH	Kyocera Service Parts TMSRP0A22 30 Days	Protective Lens, Clearnet	5.55 0.02 0.01	5.52 5.52 5.52
W 381 CH	Kyocera Service Parts TMSRP0A21 30 Days	Protective Lens, Pegaso	5.55 0.02 0.01	5.52 5.52 5.52
W 337 CH	Kyocera Service Parts TMSRP0A18 30 Days	Protective Lens, Alltel	5.55 0.02 0.01	5.52 5.52 5.52
W 331 CH	Kyocera Service Parts TMSRP0A16 30 Days	Protective Lens, Sprint	5.55 0.02 0.01	5.52 5.52 5.52

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 454378 1 EACH	Kyocera Service Parts TMSRP0A24 30 Days	Protective Lens, Qwest	5.55 0.02 0.01	5.52 5.52 5.52
NEW 468332 1 EACH	Kyocera Service Parts TMSRP10046 30 Days	Protective Lens, KYOCERA/Centennial	5.55 0.02 0.01	5.52 5.52 5.52
NEW 473327 1 EACH	Kyocera Service Parts TMSRP0A19 30 Days	Protective Lens, Primeco	5.55 0.02 0.01	5.52 5.52 5.52
NEW 493310 1 EACH	Kyocera Service Parts TMSRP0A20 30 Days	Protective Lens, GTE	5.55 0.02 0.01	5.52 5.52 5.52

Keymats

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 492320 1 EACH	Kyocera Service Parts TMSRP0A07 30 Days	Keypad, Polydome	7.30 0.03 0.01	7.28 7.28 7.28

Navigation Keys

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 426398 1 EACH	Kyocera Service Parts TMSRP0A30 30 Days	Navigation Button, Black	1.70 0.02 0.01	1.70 1.70 1.70

LCD Modules

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 473397 1 EACH	Kyocera Service Parts TMSRP0A08 30 Days	LCD Module	30.15 0.03 0.01	30.14 30.14 30.14

Logo Labels

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 451397 1 EACH	Kyocera Service Parts TMSRP0A01 30 Days	Logo Label, "QCP-3035"	0.50 0.01 0	0.50 0.50 0.50

ESN Labels

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 471358 1 EACH	Kyocera Service Parts TMSRP0A43 30 Days	ESN Label, blank	0.05 0.01 0	0.02 0.02 0.02

Microphone Assemblies

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 455371 1 EACH	Kyocera Service Parts TMSRP0A27 30 Days	Microphone Assembly	4.70 0.02 0.01	4.70 4.70 4.70

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Kyocera Phone Parts

Vibrator Motor Assemblies

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 493386 1 EACH	Kyocera Service Parts TMSRP0819 30 Days	Vibrator Motor Assembly	7.90 0.02 0.01	7.90 7.90 7.90

Speaker Assemblies

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 495328 1 EACH	Kyocera Service Parts TMSRP0A13 30 Days	Earpiece Speaker Assembly	1.55 0.02 0.01	1.51 1.51 1.51
NEW 499340 1 EACH	Kyocera Service Parts TMSRP0A37 30 Days	Loudspeaker Assembly	4.00 0.02 0.01	4.00 4.00 4.00

Screws

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 450352 1 EACH	Kyocera Service Parts TMSRP0A31 30 Days	Screw, Torx, Silver	0.10 0.01 0	0.10 0.10 0.10
NEW 465378 1 EACH	Kyocera Service Parts TMSRP0A29 30 Days	Screw, Torx, Black	0.10 0.01 0	0.10 0.10 0.10

Shields

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 420395 1 EACH	Kyocera Service Parts TMSRP0A38 30 Days	Shield, Intraboard, Metalized	1.75 0.02 0.01	1.75 1.75 1.75

Data Port Connectors

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 485381 1 EACH	Kyocera Service Parts TMSRP0A40 30 Days	Data Receptacle	3.10 0.02 0.01	3.10 3.10 3.10

Headset Jacks

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 470336 1 EACH	Kyocera Service Parts TMSRP0A28 30 Days	Headset Jack	1.50 0.02 0.01	1.47 1.47 1.47

Switch Assemblies

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 410364 1 EACH	Kyocera Service Parts TMSRP0A32 30 Days	Navigation Switch, 5-Way	4.80 0.02 0.01	4.80 4.80 4.80

Connectors, Compression, Board to Board

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 461319 1 EACH	Kyocera Service Parts TMSRP0827 30 Days	Connector Keyboard	2.45 0.03 0.01	2.43 2.43 2.43

Keyboards

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 445382 1 EACH	Kyocera Service Parts TMSRP0A44 30 Days	Keyboard Cca Assembly (W/Switch), 32meg	28.75 0.03 0.01	28.75 28.75 28.75
NEW 450375 1 EACH	Kyocera Service Parts TMSRP0A09 30 Days	Keyboard Cca Assembly (W/Switch), 16meg	32.55 0.03 0.01	32.55 32.55 32.55

Connectors, Miscellaneous

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 445399 1 EACH	Kyocera Service Parts TMSRP0A42 30 Days	Battery Contact Connector	1.20 0.02 0.01	1.20 1.20 1.20
NEW 454368 1 EACH	Kyocera Service Parts TMSRP0A41 30 Days	Compression Keyboard Assembly	0.90 0.03 0.01	0.88 0.88 0.88

Handsfree Kit Parts

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 414349 1 EACH	Kyocera Service Parts TMSRP0A35 30 Days	Loudspeaker, Handsfree Kit	19.95 0.2 0.09	19.95 19.95 19.95
NEW 420348 1 EACH	Kyocera Service Parts TMSRP0A39 30 Days	Cable Assembly, Power, Handsfree Kit	19.95 0.2 0.09	19.95 19.95 19.95
NEW 444360 1 EACH	Kyocera Service Parts TMSRP0A36 30 Days	Microphone, Handsfree Kit	14.95 0.2 0.09	14.95 14.95 14.95
NEW 462390 1 EACH	Kyocera Service Parts TMSRP0A33 30 Days	Cradle Assembly, Handsfree Kit	24.95 0.2 0.09	24.95 24.95 24.95

Service Tools

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 424351 1 EACH	Kyocera Service Parts TMSRP0A12 30 Days	Antenna Tool	6.00 0.03 0.01	6.00 6.00 6.00

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Service Parts For:

Kyocera 2760

Kyocera QCP 2760 [330-50]

ont Housings

t No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 1375 ACH	Kyocera Service Parts TMSRP0306 30 Days	Front Housing Assembly, Black	5.00 0.03 0.01	5.00 5.00 5.00
EW 7386 ACH	Kyocera Service Parts TMSRP0337 30 Days	Front Housing Assembly, Platinum	2.80 0.03 0.01	2.80 2.80 2.80
EW 5385 ACH	Kyocera Service Parts TMSRP0343 30 Days	Front Housing Assembly, Metallic Black	2.80 0.03 0.01	2.80 2.80 2.80
EW 3344 ACH	Kyocera Service Parts TMSRP00369 30 Days	Front Housing, Silver	5.00 0.03 0.01	5.00 5.00 5.00
EW 3312 ACH	Kyocera Service Parts TMSRP0341 30 Days	Front Housing Asembly, Sapphire Blue	5.00 0.03 0.01	5.00 5.00 5.00
EW 340 ACH	Kyocera Service Parts TMSRP0338 30 Days	Front Housing Assembly, Silver Blue	2.80 0.03 0.01	2.80 2.80 2.80
EW 335 ACH	Kyocera Service Parts TMSRP0339 30 Days	Front Housing Assembly, Ruby Red	2.80 0.03 0.01	2.80 2.80 2.80
EW 395 ACH	Kyocera Service Parts TMSRP0340 30 Days	Front Housing Assembly, Graphite	5.00 0.03 0.01	5.00 5.00 5.00

ar Housings

No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 371 ACH	Kyocera Service Parts TMSRP0309 30 Days	Rear Housing Assembly	1.00 0.03 0.01	1.00 1.00 1.00

ennas

No. /Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 379 ACH	Kyocera Service Parts TMSRP0304 30 Days	Dual Band Antenna	3.00 0.02 0.01	2.97 2.97 2.97

Lens Assemblies

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 427347 1 EACH	Kyocera Service Parts TMSRP0360 30 Days	Lens Assembly, Sprint	0.60 0.02 0.01	0.58 0.58 0.58
NEW 444304 1 EACH	Kyocera Service Parts TMSRP0351 30 Days	Lens Assembly, Ameritech	0.60 0.02 0.01	0.58 0.58 0.58
NEW 446327 1 EACH	Kyocera Service Parts TMSRP0354 30 Days	Lens Assembly, US West	0.60 0.02 0.01	0.58 0.58 0.58
NEW 451303 1 EACH	Kyocera Service Parts TMSRP10051 30 Days	Lens Assembly, Qwest	0.60 0.01 0	0.58 0.58 0.58
NEW 460303 1 EACH	Kyocera Service Parts TMSRP0352 30 Days	Lens Assembly, GTE	0.60 0.02 0.01	0.58 0.58 0.58
NEW 465334 1 EACH	Kyocera Service Parts TMSRP0355 30 Days	Lens Assembly, Pegaso	0.60 0.02 0.01	0.58 0.58 0.58
NEW 467320 1 EACH	Kyocera Service Parts TMSRP0359 30 Days	Lens Assembly, Clearnet	0.60 0.02 0.01	0.58 0.58 0.58
NEW 468349 1 EACH	Kyocera Service Parts TMSRP0361 30 Days	Lens Assembly, Alltel	0.60 0.02 0.01	0.58 0.58 0.58
NEW 476330 1 EACH	Kyocera Service Parts TMSRP0350 30 Days	Lens Assembly, Qualcomm	0.60 0.02 0.01	0.58 0.58 0.58
NEW 490311 1 EACH	Kyocera Service Parts TMSRP0358 30 Days	Lens Assembly, Cricket	0.60 0.02 0.01	0.58 0.58 0.58
NEW 490373 1 EACH	Kyocera Service Parts TMSRP0353 30 Days	Lens Assembly, Primeco	0.60 0.02 0.01	0.58 0.58 0.58
NEW 491318 1 EACH	Kyocera Service Parts TMSRP0357 30 Days	Lens Assembly, Centennial	0.60 0.02 0.01	0.58 0.58 0.58
NEW 493388 1 EACH	Kyocera Service Parts TMSRP0356 30 Days	Lens Assembly, Bell Mobility	0.60 0.02 0.01	0.58 0.58 0.58

Keymats

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 443391 1 EACH	Kyocera Service Parts TMSRP0307 30 Days	Keypad, Metal Dome, Send	1.50 0.02 0.01	1.50 1.50 1.50

LCD Modules

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 483384 1 EACH	Kyocera Service Parts TMSRP0303 30 Days	LCD Module	15.00 0.03 0.01	15.00 15.00 15.00

ESN Labels

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 466324 1 EACH	Kyocera Service Parts TMSRP0376 30 Days	ESN Label, blank	80.00 0.01 0	80.00 80.00 80.00

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Kyocera Phone Parts

Microphone Assemblies

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 423394 1 EACH	Kyocera Service Parts TMSRP0308 30 Days	Microphone Assembly	1.50 0.02 0.01	1.50 1.50 1.50

Speaker Assemblies

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 425383 1 EACH	Kyocera Service Parts TMSRP0305 30 Days	Speaker Assembly	2.50 0.02 0.01	2.50 2.50 2.50

Screws

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 468386 1 EACH	Kyocera Service Parts TMSRP0311 30 Days	Screw,Torx Plus Ph M1.6 X .35 X 10.0 Zinc/Blk Crmt	0.10 0.01 0	0.10 0.10 0.10
NEW 476364 1 EACH	Kyocera Service Parts TMSRP0312 30 Days	Screw,Slftp Torx Plus Ph Pt K18x5 Zinc/Blk Crmt	0.10 0.01 0	0.10 0.10 0.10

Switch Assemblies

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 469395 1 EACH	Kyocera Service Parts TMSRP0371 30 Days	Volume Switch	0.75 0.02 0.01	0.72 0.72 0.72

Connectors, Compression, Board to Board

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 464326 1 EACH	Kyocera Service Parts TMSRP0375 30 Days	Connector, Board To Board, Comression, 16 Pin	1.35 0.03 0.01	1.35 1.35 1.35

Antenna Contacts, Clips

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 433341 1 EACH	Kyocera Service Parts TMSRP0310 30 Days	Antenna Contact	2.00 0.02 0.01	2.00 2.00 2.00

Ringers

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 499373 1 EACH	Kyocera Service Parts TMSRP0378 30 Days	Ringer Assembly	7.50 0.02 0.01	7.50 7.50 7.50

Keyboards

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 458343 1 EACH	Kyocera Service Parts TMSRP0302 30 Days	Compression Keyboard Assembly	5.00 0.02 0.01	5.00 5.00 5.00

Grounding Blocks

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 484384 1 EACH	Kyocera Service Parts TMSRP0244 30 Days	Grounding Block	0.10 0.02 0.01	0.07 0.07 0.07

Connectors, Miscellaneous

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 442398 1 EACH	Kyocera Service Parts TMSRP0372 30 Days	Connector, Flex Bottom, LCD Contact	1.25 0.02 0.01	1.25 1.25 1.25

Handsfree Kit Parts

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 410331 1 EACH	Kyocera Service Parts TMSRP0334 30 Days	Speaker, Handsfree Kit	27.95 0.02 0.01	27.95 27.95 27.95
NEW 413372 1 EACH	Kyocera Service Parts TMSRP0365 30 Days	Microphone, w/Data	18.95 0.2 0.09	18.95 18.95 18.95
NEW 413391 1 EACH	Kyocera Service Parts TMSRP0345 30 Days	Cable Assembly, Power Harness	14.95 0.2 0.09	14.95 14.95 14.95
NEW 414324 1 EACH	Kyocera Service Parts TMSRP0347 30 Days	Cable Assembly, Cradle To Rem, w/Data	29.95 0.2 0.09	29.95 29.95 29.95
NEW 439335 1 EACH	Kyocera Service Parts TMSRP0335 30 Days	Cradle Assembly (Cables Not Included)	24.95 0.2 0.09	24.95 24.95 24.95
NEW 448373 1 EACH	Kyocera Service Parts TMSRP0346 30 Days	Coil Cable Harness Assembly, w/Data	39.95 0.2 0.09	39.95 39.95 39.95
NEW 461353 1 EACH	Kyocera Service Parts TMSRP0364 30 Days	Cradle Assembly, w/Data (Cables Not Included)	24.95 0.2 0.09	24.95 24.95 24.95
NEW 477351 1 EACH	Kyocera Service Parts TMSRP0362 30 Days	Cable Assembly, Cradle to Rem	29.95 0.2 0.09	29.95 29.95 29.95
NEW 483364 1 EACH	Kyocera Service Parts TMSRP0332 30 Days	Power/Speaker Harness	24.95 0.02 0.01	24.95 24.95 24.95
NEW 492321 1 EACH	Kyocera Service Parts TMSRP0363 30 Days	Coil Cable Harness Assembly	39.95 0.2 0.09	39.95 39.95 39.95
NEW 495371 1 EACH	Kyocera Service Parts TMSRP0333 30 Days	Microphone, Handsdree Kit	18.95 0.02 0.01	18.95 18.95 18.95

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Service Parts For:

Kyocera 2345

Kyocera 2345 [330-50]

ont Housings

t No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 7354 ACH	Kyocera Service Parts TMSRP10084 30 Days	Front Housing Assembly, Sprint, Electric Blue	9.30 0.03 0.01	9.30 9.30 9.30
EW 8362 ACH	Kyocera Service Parts TMSRP10083 30 Days	Front Housing, Sprint, Red	9.30 0.02 0.01	9.30 9.30 9.30

ar Housings

t No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 1364 ACH	Kyocera Service Parts TMSRP10074 30 Days	Rear Housing	5.65 0.03 0.01	5.64 5.64 5.64

tennas

t No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 1398 ACH	Kyocera Service Parts TMSRP10073 30 Days	Antenna, Blue	3.25 0.02 0.01	3.24 3.24 3.24
EW 5344 ACH	Kyocera Service Parts TMSRP10081 30 Days	Antenna, White	0.25 0.02 0.01	0.25 0.25 0.25
EW 2397 ACH	Kyocera Service Parts TMSRP10072 30 Days	Antenna, Black	3.25 0.02 0.01	3.24 3.24 3.24

ns Assemblies

t No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 385 ACH	Kyocera Service Parts TMSRP10088 30 Days	Lens, Sprint	5.25 0.02 0.01	5.25 5.25 5.25

ymats

t No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
EW 9379 ACH	Kyocera Service Parts TMSRP10077 30 Days	Keypad, Silver, Sprint	4.50 0.02 0.01	4.50 4.50 4.50

LCD Modules

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 473355 1 EACH	Kyocera Service Parts TMSRP008B 30 Days	LCD Module	12.75 0.03 0.01	12.74 12.74 12.74

Battery Doors

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 469374 1 EACH	Kyocera Service Parts TMSRP10071 30 Days	Battery Door, Black	1.75 0.02 0.01	1.75 1.75 1.75

ESN Labels

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 447342 1 EACH	Kyocera Service Parts TMSRP10025 30 Days	ESN Label, Moisture Evident	0.05 0.01 0	0.02 0.02 0.02

Microphone Assemblies

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 494358 1 EACH	Kyocera Service Parts TMSRP008D 30 Days	Microphone	4.60 0.02 0.01	4.60 4.60 4.60

Vibrator Motor Assemblies

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 451395 1 EACH	Kyocera Service Parts TMSRP10016 30 Days	Vibrator Motor Assembly	6.35 0.02 0.01	6.35 6.35 6.35

Speaker Assemblies

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 444327 1 EACH	Kyocera Service Parts TMSRP10076 30 Days	Earpiece/Loudspeaker Assembly	3.00 0.02 0.01	3.00 3.00 3.00

Screws

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 493351 1 EACH	Kyocera Service Parts TMSRP0053 30 Days	Screw,Torx Plus Ph M1.6 X .35 X 10.0 Zinc/Blk Crmt	0.10 0.01 0	0.10 0.10 0.10

Shields

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 474381 1 EACH	Kyocera Service Parts TMSRP10020 30 Days	Shield Frame	3.40 0.02 0.01	3.36 3.36 3.36

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Kyocera Phone Parts

Data Port Connectors

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 497361 1 EACH	Kyocera Service Parts TMSRP0823 30 Days	Data Port, 26 Pin	3.10 0.02 0.01	3.10 3.10 3.10

Headset Jacks

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 468379 1 EACH	Kyocera Service Parts TMSRP0825 30 Days	Headset Jack	1.50 0.01 0	1.47 1.47 1.47

Connectors, Compression, Board to Board

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 461319 1 EACH	Kyocera Service Parts TMSRP0827 30 Days	Connector Keyboard	2.45 0.03 0.01	2.43 2.43 2.43

Antenna Contacts, Clips

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 439398 1 EACH	Kyocera Service Parts TMSRP10023 30 Days	Antenna Contact	1.50 0.02 0.01	1.50 1.50 1.50

RF Ports

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 456352 1 EACH	Kyocera Service Parts TMSRP10070 30 Days	Cover, RF Port	0.35 0.02 0.01	0.32 0.32 0.32
NEW 478353 1 EACH	Kyocera Service Parts TMSRP0824 30 Days	Connector Port, RF Test	1.75 0.02 0.01	1.75 1.75 1.75

Ringers

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 414361 1 EACH	Kyocera Service Parts TMSRP10080 30 Days	Ringer	5.50 0.02 0.01	5.50 5.50 5.50

Keyboards

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 475335 1 EACH	Kyocera Service Parts TMSRP10079 30 Days	Keyboard	22.20 0.03 0.01	22.20 22.20 22.20

Pads

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 461387 1 EACH	Kyocera Service Parts TMSRP10098 30 Days	Pad, Poron, 0.81mm	0.05 0.02 0.01	0.03 0.03 0.03

Service Parts For:

Kyocera 2325

Kyocera 2325 [330-50]

Front Housings

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 418386 1 EACH	Kyocera Service Parts TMSRP10085 30 Days	Front Housing Assembly, Midnight Blue	9.30 0.03 0.01	9.30 9.30 9.30
NEW 433351 1 EACH	Kyocera Service Parts TMSRP10087 30 Days	Front Housing Assembly, Silver	9.30 0.03 0.01	9.30 9.30 9.30
NEW 493353 1 EACH	Kyocera Service Parts TMSRP10086 30 Days	Front Housing Assembly, Silver, Sprint	9.30 0.03 0.01	9.30 9.30 9.30

Rear Housings

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 485388 1 EACH	Kyocera Service Parts TMSRP10075 30 Days	Rear Housing	5.65 0.03 0.01	5.64 5.64 5.64

Antennas

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 424398 1 EACH	Kyocera Service Parts TMSRP10073 30 Days	Antenna, Blue	3.25 0.02 0.01	3.24 3.24 3.24
NEW 465344 1 EACH	Kyocera Service Parts TMSRP10081 30 Days	Antenna, White	0.25 0.02 0.01	0.25 0.25 0.25
NEW 472397 1 EACH	Kyocera Service Parts TMSRP10072 30 Days	Antenna, Black	3.25 0.02 0.01	3.24 3.24 3.24

Lens Assemblies

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 451359 1 EACH	Kyocera Service Parts TMSRP10097 30 Days	Lens, Verizon	5.25 0.02 0.01	5.25 5.25 5.25

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mats

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 394 CH	Kyocera Service Parts TMSRP10078 30 Days	Keypad, Silver, Standard	4.50 0.02 0.01	4.50 4.50 4.50

D Modules

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 355 CH	Kyocera Service Parts TMSRP008B 30 Days	LCD Module	12.75 0.03 0.01	12.74 12.74 12.74

ttery Doors

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 381 CH	Kyocera Service Parts TMSRP10034 30 Days	Battery Door, Charcoal Metallic	1.75 0.03 0.01	1.75 1.75 1.75

N Labels

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 342 CH	Kyocera Service Parts TMSRP10025 30 Days	ESN Label, Moisture Evident	0.05 0.01 0	0.02 0.02 0.02

crophone Assemblies

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 358 CH	Kyocera Service Parts TMSRP008D 30 Days	Microphone	4.60 0.02 0.01	4.60 4.60 4.60

rator Motor Assemblies

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 395 CH	Kyocera Service Parts TMSRP10016 30 Days	Vibrator Motor Assembly	6.35 0.02 0.01	6.35 6.35 6.35

eaker Assemblies

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 327 CH	Kyocera Service Parts TMSRP10076 30 Days	Earpiece/Loudspeaker Assembly	3.00 0.02 0.01	3.00 3.00 3.00

rews

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 351 CH	Kyocera Service Parts TMSRP0053 30 Days	Screw,Torx Plus Ph M1.6 X .35 X 10.0 Zinc/Blk Crmt	0.10 0.01 0	0.10 0.10 0.10

Shields

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 474381 1 EACH	Kyocera Service Parts TMSRP10020 30 Days	Shield Frame	3.40 0.02 0.01	3.36 3.36 3.36

Data Port Connectors

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 497361 1 EACH	Kyocera Service Parts TMSRP0823 30 Days	Data Port, 26 Pin	3.10 0.02 0.01	3.10 3.10 3.10

Headset Jacks

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 468379 1 EACH	Kyocera Service Parts TMSRP0825 30 Days	Headset Jack	1.50 0.01 0	1.47 1.47 1.47

Connectors, Compression, Board to Board

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 461319 1 EACH	Kyocera Service Parts TMSRP0827 30 Days	Connector Keyboard	2.45 0.03 0.01	2.43 2.43 2.43

Antenna Contacts, Clips

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 430398 1 EACH	Kyocera Service Parts TMSRP10023 30 Days	Antenna Contact	1.50 0.02 0.01	1.50 1.50 1.50

RF Ports

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 453366 1 EACH	Kyocera Service Parts TMSRP10035 30 Days	Cover, RF Port	0.35 0.02 0.01	0.32 0.32 0.32
NEW 478353 1 EACH	Kyocera Service Parts TMSRP0824 30 Days	Connector Port, RF Test	1.75 0.02 0.01	1.75 1.75 1.75

Ringers

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 414361 1 EACH	Kyocera Service Parts TMSRP10080 30 Days	Ringer	5.50 0.02 0.01	5.50 5.50 5.50

Keyboards

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 475335 1 EACH	Kyocera Service Parts TMSRP10079 30 Days	Keyboard	22.20 0.03 0.01	22.20 22.20 22.20

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Kyocera Phone Parts

Pads

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 461387 1 EACH	Kyocera Service Parts TMSRP10098 30 Days	Pad, Poron, 0.81mm	0.05 0.02 0.01	0.03 0.03 0.03

Handsfree Kit Parts

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 414349 1 EACH	Kyocera Service Parts TMSRP0A35 30 Days	Loudspeaker, Handsfree Kit	19.95 0.2 0.09	19.95 19.95 19.95
NEW 426389 1 EACH	Kyocera Service Parts TMSRP10006 30 Days	Harness, Power, Handsfree Kit	14.95 0.2 0.09	14.95 14.95 14.95
NEW 414360 1 EACH	Kyocera Service Parts TMSRP0A36 30 Days	Microphone, Handsfree Kit	14.95 0.2 0.09	14.95 14.95 14.95
NEW 485392 1 EACH	Kyocera Service Parts TMSRP10007 30 Days	Data Harness, Handsfree Kit	19.95 0.2 0.09	19.95 19.95 19.95
NEW 487306 1 EACH	Kyocera Service Parts TMSRP10033 30 Days	Cradle, Handsfree Kit	24.95 0.2 0.09	24.95 24.95 24.95

Service Parts For:

Kyocera 2255

Kyocera 2255 [330-50]

Front Housings

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 444320 1 EACH	Kyocera Service Parts TMSRP10042 30 Days	Front Housing, Sprint	9.30 0.01 0	9.30 9.30 9.30
NEW 455340 1 EACH	Kyocera Service Parts TMSRP10044 30 Days	Front Housing, Generic	9.30 0.03 0.01	9.30 9.30 9.30

Rear Housings

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 485337 1 EACH	Kyocera Service Parts TMSRP10043 30 Days	Rear Housing	5.65 0.03 0.01	5.64 5.64 5.64

Antennas

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 415397 1 EACH	Kyocera Service Parts TMSRP10018 30 Days	Antenna	3.25 0.02 0.01	3.24 3.24 3.24

Keymats

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 455370 1 EACH	Kyocera Service Parts TMSRP10019 30 Days	Keypad, Polydome	4.50 0.03 0.01	4.50 4.50 4.50

LCD Modules

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 473355 1 EACH	Kyocera Service Parts TMSRP008B 30 Days	LCD Module	12.75 0.03 0.01	12.74 12.74 12.74

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tery Doors

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 82 CH	Kyocera Service Parts TMSRP10021 30 Days	Battery Door	1.75 0.03 0.01	1.75 1.75 1.75

l Labels

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 42 CH	Kyocera Service Parts TMSRP10025 30 Days	ESN Label, Moisture Evident	0.05 0.01 0	0.02 0.02 0.02

rophone Assemblies

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 58 CH	Kyocera Service Parts TMSRP008D 30 Days	Microphone	4.60 0.02 0.01	4.60 4.60 4.60

ator Motor Assemblies

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 95 CH	Kyocera Service Parts TMSRP10016 30 Days	Vibrator Motor Assembly	6.35 0.02 0.01	6.35 6.35 6.35

aker Assemblies

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 52 H	Kyocera Service Parts TMSRP0C01 30 Days	Speaker, Earpiece	1.40 0.02 0.01	1.40 1.40 1.40

ws

No. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 1 H	Kyocera Service Parts TMSRP0053 30 Days	Screw,Torx Plus Ph M1.6 X .35 X 10.0 Zinc/Blk Crmt	0.10 0.01 0	0.10 0.10 0.10

lds

No. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 1 H	Kyocera Service Parts TMSRP10020 30 Days	Shield Frame	3.40 0.02 0.01	3.36 3.36 3.36

a Port Connectors

No. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 1 H	Kyocera Service Parts TMSRP0823 30 Days	Data Port, 26 Pin	3.10 0.02 0.01	3.10 3.10 3.10

Headset Jacks

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 468379 1 EACH	Kyocera Service Parts TMSRP0825 30 Days	Headset Jack	1.50 0.01 0	1.47 1.47 1.47

Connectors, Compression, Board to Board

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 461319 1 EACH	Kyocera Service Parts TMSRP0827 30 Days	Connector Keyboard	2.45 0.03 0.01	2.43 2.43 2.43

Antenna Contacts, Clips

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 430398 1 EACH	Kyocera Service Parts TMSRP10023 30 Days	Antenna Contact	1.50 0.02 0.01	1.50 1.50 1.50

RF Ports

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 442393 1 EACH	Kyocera Service Parts TMSRP10022 30 Days	Cover, Rf Port	0.35 0.02 0.01	0.32 0.32 0.32
NEW 478353 1 EACH	Kyocera Service Parts TMSRP0824 30 Days	Connector Port, RF Test	1.75 0.02 0.01	1.75 1.75 1.75

Ringers

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 410390 1 EACH	Kyocera Service Parts TMSRP0081 30 Days	Ringer Assembly	5.50 0.02 0.01	5.50 5.50 5.50

Keyboards

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 496320 1 EACH	Kyocera Service Parts TMSRP10052 30 Days	Keyboard	22.20 0.03 0.01	22.20 22.20 22.20

Pads

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 461387 1 EACH	Kyocera Service Parts TMSRP10098 30 Days	Pad, Poron, 0.81mm	0.05 0.02 0.01	0.03 0.03 0.03

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Service Parts For:

Kyocera 2235

Kyocera 2235 [330-50]

Front Housings

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 489378 1 EACH	Kyocera Service Parts TMSRP10029 30 Days	Front Housing	9.30 0.03 0.01	9.30 9.30 9.30

Rear Housings

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 427358 1 EACH	Kyocera Service Parts TMSRP10031 30 Days	Rear Housing	5.65 0.03 0.01	5.64 5.64 5.64

Antennas

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 415397 1 EACH	Kyocera Service Parts TMSRP10018 30 Days	Antenna	3.25 0.02 0.01	3.24 3.24 3.24

Lens Assemblies

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 461336 1 EACH	Kyocera Service Parts TMSRP10030 30 Days	Lens Assembly	5.25 0.02 0.01	5.25 5.25 5.25

Keymats

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 470350 1 EACH	Kyocera Service Parts TMSRP10032 30 Days	Keypad, Polydome	4.50 0.03 0.01	4.50 4.50 4.50

LCD Modules

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 473355 1 EACH	Kyocera Service Parts TMSRP008B 30 Days	LCD Module	12.75 0.03 0.01	12.74 12.74 12.74

Battery Doors

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 488381 1 EACH	Kyocera Service Parts TMSRP10034 30 Days	Battery Door, Charcoal Metallic	1.75 0.03 0.01	1.75 1.75 1.75

Logo Labels

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 430313 1 EACH	Kyocera Service Parts TMSRP10037 30 Days	Logo Label, Verizon	0.10 0.01 0	0.07 0.07 0.07
NEW 431373 1 EACH	Kyocera Service Parts TMSRP10041 30 Days	Logo Label, Primeco	0.10 0.01 0	0.07 0.07 0.07
NEW 457320 1 EACH	Kyocera Service Parts TMSRP10038 30 Days	Logo Label, Metro PCS	0.10 0.01 0	0.07 0.07 0.07
NEW 472385 1 EACH	Kyocera Service Parts TMSRP10040 30 Days	Logo Label, Qwest	0.10 0.01 0	0.07 0.07 0.07
NEW 477336 1 EACH	Kyocera Service Parts TMSRP10036 30 Days	Logo Label, KYOCERA	0.10 0.01 0	0.07 0.07 0.07
NEW 488382 1 EACH	Kyocera Service Parts TMSRP10039 30 Days	Logo Label, Cricket	0.10 0.01 0	0.07 0.07 0.07

ESN Labels

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 447342 1 EACH	Kyocera Service Parts TMSRP10025 30 Days	ESN Label, Moisture Evident	0.05 0.01 0	0.02 0.02 0.02

Microphone Assemblies

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 494358 1 EACH	Kyocera Service Parts TMSRP008D 30 Days	Microphone	4.60 0.02 0.01	4.60 4.60 4.60

Vibrator Motor Assemblies

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 451395 1 EACH	Kyocera Service Parts TMSRP10016 30 Days	Vibrator Motor Assembly	6.35 0.02 0.01	6.35 6.35 6.35

Speaker Assemblies

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 473362 1 EACH	Kyocera Service Parts TMSRP0C01 30 Days	Speaker, Earpiece	1.40 0.02 0.01	1.40 1.40 1.40

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ews

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 351 CH	Kyocera Service Parts TMSRP0053 30 Days	Screw,Torx Plus Ph M1.6 X .35 X 10.0 Zinc/Blk Crmt	0.10 0.01 0	0.10 0.10 0.10

elds

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 381 CH	Kyocera Service Parts TMSRP10020 30 Days	Shield Frame	3.40 0.02 0.01	3.36 3.36 3.36

a Port Connectors

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 61 CH	Kyocera Service Parts TMSRP0823 30 Days	Data Port, 26 Pin	3.10 0.02 0.01	3.10 3.10 3.10

adset Jacks

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 79 CH	Kyocera Service Parts TMSRP0825 30 Days	Headset Jack	1.50 0.01 0	1.47 1.47 1.47

nectors, Compression, Board to Board

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 19 CH	Kyocera Service Parts TMSRP0827 30 Days	Connector Keyboard	2.45 0.03 0.01	2.43 2.43 2.43

enna Contacts, Clips

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 98 CH	Kyocera Service Parts TMSRP10023 30 Days	Antenna Contact	1.50 0.02 0.01	1.50 1.50 1.50

Ports

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 66 H	Kyocera Service Parts TMSRP10035 30 Days	Cover, RF Port	0.35 0.02 0.01	0.32 0.32 0.32
W 53 H	Kyocera Service Parts TMSRP0824 30 Days	Connector Port, RF Test	1.75 0.02 0.01	1.75 1.75 1.75

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No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 90 H	Kyocera Service Parts TMSRP0081 30 Days	Ringer Assembly	5.50 0.02 0.01	5.50 5.50 5.50

Keyboards

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 496320 1 EACH	Kyocera Service Parts TMSRP10052 30 Days	Keyboard	22.20 0.03 0.01	22.20 22.20 22.20

Pads

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 461387 1 EACH	Kyocera Service Parts TMSRP10098 30 Days	Pad, Poron, 0.81mm	0.05 0.02 0.01	0.03 0.03 0.03

Handsfree Kit Parts

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 414349 1 EACH	Kyocera Service Parts TMSRP0A35 30 Days	Loudspeaker, Handsfree Kit	19.95 0.2 0.09	19.95 19.95 19.95
NEW 426389 1 EACH	Kyocera Service Parts TMSRP10006 30 Days	Harness, Power, Handsfree Kit	14.95 0.2 0.09	14.95 14.95 14.95
NEW 444360 1 EACH	Kyocera Service Parts TMSRP0A36 30 Days	Microphone, Handsfree Kit	14.95 0.2 0.09	14.95 14.95 14.95
NEW 455392 1 EACH	Kyocera Service Parts TMSRP10007 30 Days	Data Harness, Handsfree Kit	19.95 0.2 0.09	19.95 19.95 19.95
NEW 487388 1 EACH	Kyocera Service Parts TMSRP10033 30 Days	Cradle, Handsfree Kit	24.95 0.2 0.09	24.95 24.95 24.95

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Service Parts For:

Kyocera 2135

Kyocera 2135 [330-50]

Front Housings

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 430136 1 EACH	Kyocera Service Parts TXFPL0C05 30 Days	Front Housing, Electric Blue	8.25 0.03 0.01	8.24 8.24 8.24
NEW 433100 1 EACH	Kyocera Service Parts TXFPL0C07 30 Days	Front Housing, Crystal Orange	8.25 0.03 0.01	8.24 8.24 8.24
NEW 443184 1 EACH	Kyocera Service Parts TXFPL10020 30 Days	Front Housing, Sangria Red	8.25 0.03 0.01	8.24 8.24 8.24
NEW 452141 1 EACH	Kyocera Service Parts TXFPL0C06 30 Days	Front Housing, Violet Blue	8.25 0.03 0.01	8.24 8.24 8.24
NEW 463178 1 EACH	Kyocera Service Parts TXFPL10027 30 Days	Front Housing, Charcoal Gray	4.00 0.03 0.01	3.99 3.99 3.99
NEW 489149 1 EACH	Kyocera Service Parts TXFPL0C08 30 Days	Front Housing, Green Glass	8.25 0.03 0.01	8.24 8.24 8.24

Rear Housings

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 471387 1 EACH	Kyocera Service Parts TMSRP0C07 1 year	Rear Housing	6.90 0.03 0.01	6.90 6.90 6.90

Antennas

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 433363 1 EACH	Kyocera Service Parts TMSRP0C02 1 year	Antenna	2.95 0.02 0.01	2.94 2.94 2.94

Lens Assemblies

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 492346 1 EACH	Kyocera Service Parts TMSRP10002 30 Days	Lens Assembly	4.75 0.02 0.01	4.72 4.72 4.72

Keymats

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 416349 1 EACH	Kyocera Service Parts TMSRP0C12 30 Days	Keymat	4.20 0.03 0.01	4.20 4.20 4.20

LCD Modules

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 471327 1 EACH	Kyocera Service Parts TMSRP0C13 30 Days	LCD Assembly	12.75 0.03 0.01	12.75 12.75 12.75

Battery Doors

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 427369 1 EACH	Kyocera Service Parts TMSRP0C09 30 Days	Battery Door	2.75 0.03 0.01	2.72 2.72 2.72

Logo Labels

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 420381 1 EACH	Kyocera Service Parts TMSRP10013 30 Days	Logo Label, Centennial	0.10 0.01 0	0.07 0.07 0.07
NEW 439333 1 EACH	Kyocera Service Parts TMSRP10053 30 Days	Logo Label, Primeco	0.10 0.01 0	0.07 0.07 0.07
NEW 462347 1 EACH	Kyocera Service Parts TMSRP10011 30 Days	Logo Label, Verizon	0.10 0.01 0	0.07 0.07 0.07
NEW 488370 1 EACH	Kyocera Service Parts TMSRP10012 30 Days	Logo Label, Pegaso	0.10 0.01 0	0.07 0.07 0.07
NEW 499333 1 EACH	Kyocera Service Parts TMSRP10010 30 Days	Logo Label, Kyocera	0.10 0.01 0	0.07 0.07 0.07

Microphone Assemblies

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 489342 1 EACH	Kyocera Service Parts TMSRP0C03 1 year	Microphone	4.60 0.02 0.01	4.60 4.60 4.60

Vibrator Motor Assemblies

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 460351 1 EACH	Kyocera Service Parts TMSRP10008 1 year	Vibration Motor Assembly	6.35 0.02 0.01	6.35 6.35 6.35

Speaker Assemblies

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 473362 1 EACH	Kyocera Service Parts TMSRP0C01 30 Days	Speaker, Earpiece	1.40 0.02 0.01	1.40 1.40 1.40

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ews

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 378 CH	Kyocera Service Parts TMSRP0A29 30 Days	Screw, Torx, Black	0.10 0.01 0	0.10 0.10 0.10

gs

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 373 CH	Kyocera Service Parts TMSRP10004 1 year	Plug, Test Port	0.30 0.02 0.01	0.30 0.30 0.30

a Port Connectors

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 61 CH	Kyocera Service Parts TMSRP0823 30 Days	Data Port, 26 Pin	3.10 0.02 0.01	3.10 3.10 3.10

dset Jacks

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 79 CH	Kyocera Service Parts TMSRP0825 30 Days	Headset Jack	1.50 0.01 0	1.47 1.47 1.47

enna Contacts, Clips

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 60 CH	Kyocera Service Parts TMSRP0C10 30 Days	Antenna Contact	1.50 0.01 0	1.50 1.50 1.50

ydome Arrays

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 57 H	Kyocera Service Parts TMSRP0C05 1 year	Polydome Array	1.50 0.01 0	1.50 1.50 1.50

ers

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 97 H	Kyocera Service Parts TMSRP0C04 30 Days	Ringer	5.00 0.02 0.01	5.00 5.00 5.00

uds

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 93 H	Kyocera Service Parts TMSRP10001 30 Days	Shroud	4.05 0.02 0.01	4.05 4.05 4.05

Handsfree Kit Parts

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 414349 1 EACH	Kyocera Service Parts TMSRP0A35 30 Days	Loudspeaker, Handsfree Kit	19.95 0.2 0.09	19.95 19.95 19.95
NEW 426389 1 EACH	Kyocera Service Parts TMSRP10006 30 Days	Harness, Power, Handsfree Kit	14.95 0.2 0.09	14.95 14.95 14.95
NEW 444360 1 EACH	Kyocera Service Parts TMSRP0A36 30 Days	Microphone, Handsfree Kit	14.95 0.2 0.09	14.95 14.95 14.95
NEW 455392 1 EACH	Kyocera Service Parts TMSRP10007 30 Days	Data Harness, Handsfree Kit	19.95 0.2 0.09	19.95 19.95 19.95
NEW 473375 1 EACH	Kyocera Service Parts TMSRP10005 30 Days	Cradle Assembly for Handsfree Kit	24.95 0.2 0.09	24.95 24.95 24.95

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Service Parts For:

Kyocera 2035

Kyocera QCP 2035 [330-50]

Front Housings

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 410347 1 EACH	Kyocera Service Parts TXFPL0814 30 Days	Front Housing Assembly, Marine. Use with Standard keypad.	8.30 0.03 0.01	8.26 8.26 8.26
NEW 419389 1 EACH	Kyocera Service Parts TXFPL0820 30 Days	Front Housing Assembly, Electric, Sprint. Use with Standard keypad.	8.25 0.03 0.01	8.23 8.23 8.23
NEW 416318 1 EACH	Kyocera Service Parts TXFPL0811 30 Days	Front Housing Assembly, Midnight. Use with Standard keypad.	8.30 0.03 0.01	8.26 8.26 8.26
NEW 417387 1 EACH	Kyocera Service Parts TXFPL0822 30 Days	Front Housing Assembly, Platinum. Use with Standard keypad.	8.30 0.03 0.01	8.26 8.26 8.26
NEW 418935 1 EACH	Kyocera Service Parts TXFPL0083 30 Days	Front Housing Assembly, Tangerine. Use with Standard keypad.	8.30 0.03 0.01	8.26 8.26 8.26
NEW 427017 1 EACH	Kyocera Service Parts TXFPL0813 30 Days	Front Housing Assembly, Frost. Use with Standard keypad.	8.30 0.03 0.01	8.26 8.26 8.26
NEW 429336 1 EACH	Kyocera Service Parts TXFPL0881 30 Days	Front Housing Assembly, Millenium Silver. Use with Standard keypad.	8.30 0.03 0.01	8.26 8.26 8.26
NEW 433373 1 EACH	Kyocera Service Parts TXFPL0082 30 Days	Front Housing Assembly, Charcoal Metal, Generic. Use with Standard Keyapd.	4.50 0.2 0.09	4.50 4.50 4.50
NEW 436394 1 EACH	Kyocera Service Parts TXFPL0088 30 Days	Front Housing Assembly, Sangria. Use with Standard keypad.	8.30 0.03 0.01	8.26 8.26 8.26
NEW 444394 1 EACH	Kyocera Service Parts TXFPL0084 30 Days	Front Housing Assembly, Iris. Use with Standard keypad.	8.30 0.03 0.01	8.26 8.26 8.26
NEW 456388 1 EACH	Kyocera Service Parts TXFPL0818 30 Days	Front Housing Assembly, Limon. Use with Standard keypad.	8.30 0.03 0.01	8.26 8.26 8.26
NEW 476343 1 EACH	Kyocera Service Parts TXFPL0087 30 Days	Front Housing Assembly, Ice. Use with Standard keypad.	8.30 0.03 0.01	8.26 8.26 8.26
NEW 480375 1 EACH	Kyocera Service Parts TXFPL0815 30 Days	Front Housing Assembly, Infusion. Use with Standard keypad.	8.30 0.03 0.01	8.26 8.26 8.26
NEW 493315 1 EACH	Kyocera Service Parts TXFPL0824 30 Days	Front Housing Assembly, Ruby Red. Use with Standard keypad.	8.30 0.03 0.01	8.26 8.26 8.26
NEW 493352 1 EACH	Kyocera Service Parts TXFPL0825 30 Days	Front Housing Assembly, Sapphire Blue. Use with Standard Keypad.	8.30 0.03 0.01	8.26 8.26 8.26

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
NEW 496377 1 EACH	Kyocera Service Parts TXFPL0810 30 Days	Front Housing Assembly, Emerald. Use with Standard Keypad	8.30 0.03 0.01	8.2 8.2 8.2
NEW 434382 1 EACH	Kyocera Service Parts TXFPL0834 30 Days	Front Housing Assembly, Sapphire Blue. Use with Verizon keypad.	8.30 0.03 0.01	8.2 8.2 8.2
NEW 450376 1 EACH	Kyocera Service Parts TXFPL0832 30 Days	Front Housing Assembly, Platinum. Use with Verizon keypad.	8.30 0.03 0.01	8.2 8.2 8.2
NEW 474337 1 EACH	Kyocera Service Parts TXFPL0871 30 Days	Front Housing Assembly, Millenium Silver. Use with Verizon keypad.	8.30 0.03 0.01	8.2 8.2 8.2
NEW 482337 1 EACH	Kyocera Service Parts TXFPL0851 30 Days	Front Housing Assembly, Emerald. Use with Verizon keypad.	8.30 0.03 0.01	8.2 8.2 8.2
NEW 484385 1 EACH	Kyocera Service Parts TXFPL0841 30 Days	Front Housing Assembly, Limon. Use with Verizon keypad.	8.30 0.03 0.01	8.2 8.2 8.2
NEW 494374 1 EACH	Kyocera Service Parts TXFPL0833 30 Days	Front Housing Assembly, Ruby Red. Use with Verizon keypad.	8.30 0.03 0.01	8.2 8.2 8.2
NEW 497353 1 EACH	Kyocera Service Parts TXFPL0861 30 Days	Front Housing Assembly, Frost. Use with Verizon keypad.	8.30 0.03 0.01	8.2 8.2 8.2
NEW 499362 1 EACH	Kyocera Service Parts TXFPL0830 30 Days	Front Housing Assembly, Infusion. Use with Verizon keypad.	8.30 0.03 0.01	8.2 8.2 8.2

Rear Housings

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
NEW 490379 1 EACH	Kyocera Service Parts TMSRP0086 30 Days	Rear Housing Assembly	2.05 0.03 0.01	2.0 2.0 2.0

Antennas

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
NEW 448198 1 EACH	Kyocera Service Parts TMSRP008A 30 Days	Retractable Antenna	3.00 0.02 0.01	2.9 2.9 2.9

Lens Assemblies

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
NEW 449377 1 EACH	Kyocera Service Parts TMSRP0817 30 Days	Lens Assembly, Standard (Type A)	4.75 0.02 0.01	4.7 4.7 4.7
NEW 471397 1 EACH	Kyocera Service Parts TMSRP0818 30 Days	Lens Assembly, Verizon (Type B)	4.75 0.02 0.01	4.7 4.7 4.7

Keymats

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1(T-2(T-3(
NEW 453357 1 EACH	Kyocera Service Parts TMSRP008C 30 Days	Keypad, Verizon (Type B)	4.20 0.03 0.01	4.2 4.2 4.2
NEW 478352 1 EACH	Kyocera Service Parts TMSRP0816 30 Days	Keypad, Standard (Type A)	4.20 0.03 0.01	4.2 4.2 4.2

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D Modules

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 355 CH	Kyocera Service Parts TMSRP008B 30 Days	LCD Module	12.75 0.03 0.01	12.74 12.74 12.74

ttery Doors

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 357 CH	Kyocera Service Parts TMSRP0082 1 year	Battery Cover	0.90 0.05 0.02	0.90 0.90 0.90

o Labels

No. om	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 572 CH	Kyocera Service Parts TMSRP008J 30 Days	Logo Label, Sprint	0.10 0.01 0	0.07 0.07 0.07
W 62 CH	Kyocera Service Parts TMSRP008N 30 Days	Logo Label, Centennial	0.10 0.01 0	0.07 0.07 0.07
V 43 CH	Kyocera Service Parts TMSRP0820 30 Days	Logo Label, Qwest	0.10 0.01 0	0.07 0.07 0.07
V 41 CH	Kyocera Service Parts TMSRP0812 30 Days	Logo Label, "Qcp2035 "	0.10 0.01 0	0.07 0.07 0.07
V 78 CH	Kyocera Service Parts TMSRP008M 30 Days	Logo Label, Alltel	0.10 0.01 0	0.07 0.07 0.07
V 98 CH	Kyocera Service Parts TMSRP008W 30 Days	Logo Label, Radio Shack	0.10 0.04 0.02	0.07 0.07 0.07
V 78 CH	Kyocera Service Parts TMSRP008V 30 Days	Logo Label, By KYOCERA	0.10 0.04 0.02	0.07 0.07 0.07
V 88 H	Kyocera Service Parts TMSRP008P 30 Days	Logo Label, Cricket	0.10 0.01 0	0.07 0.07 0.07
V 35 H	Kyocera Service Parts TMSRP008T 30 Days	Logo Label, Smartcom	0.10 0.01 0	0.07 0.07 0.07
V 91 H	Kyocera Service Parts TMSRP008H 30 Days	Logo Label, Qualcomm	0.10 0.01 0	0.07 0.07 0.07
V 66 H	Kyocera Service Parts TMSRP008Y 30 Days	Logo Label, Verizon "QCP 2035a"	0.10 0.04 0.02	0.07 0.07 0.07
V 77 H	Kyocera Service Parts TMSRP0822 30 Days	Logo Label, Verizon	0.10 0.01 0	0.07 0.07 0.07
V 35 H	Kyocera Service Parts TMSRP008R 30 Days	Logo Label, Pegaso	0.10 0.01 0	0.07 0.07 0.07
V 33 H	Kyocera Service Parts TMSRP0821 30 Days	Logo Label, Movicom	0.10 0.01 0	0.07 0.07 0.07

ESN Labels

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 422374 1 EACH	Kyocera Service Parts TMSRP0826 30 Days	ESN Label	45.00 0.01 0	45.00 45.00 45.00

Microphone Assemblies

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 494358 1 EACH	Kyocera Service Parts TMSRP008D 30 Days	Microphone	4.60 0.02 0.01	4.60 4.60 4.60

Vibrator Motor Assemblies

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 420384 1 EACH	Kyocera Service Parts TMSRP0089 30 Days	Vibrator Motor	7.90 0.02 0.01	7.90 7.90 7.90

Speaker Assemblies

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 472357 1 EACH	Kyocera Service Parts TMSRP0087 30 Days	Speaker, Receiver Assembly	1.45 0.02 0.01	1.41 1.41 1.41

Screws

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 412381 1 EACH	Kyocera Service Parts TMSRP0084 30 Days	Screw Replacement	0.10 0.01 0	0.10 0.10 0.10

Shields

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 476332 1 EACH	Kyocera Service Parts TMSRP008F 30 Days	Intraboard Shield	2.00 0.02 0.01	2.00 2.00 2.00

Plugs

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 461386 1 EACH	Kyocera Service Parts TMSRP008G 30 Days	Rubber Plug	0.35 0.02 0.01	0.32 0.32 0.32

Data Port Connectors

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 497361 1 EACH	Kyocera Service Parts TMSRP0823 30 Days	Data Port, 26 Pin	3.10 0.02 0.01	3.10 3.10 3.10

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Kyocera Phone Parts

Headset Jacks

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 468379 1 EACH	Kyocera Service Parts TMSRP0825 30 Days	Headset Jack	1.50 0.01 0	1.47 1.47 1.47

Connectors, Compression, Board to Board

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 461319 1 EACH	Kyocera Service Parts TMSRP0827 30 Days	Connector Keyboard	2.45 0.03 0.01	2.43 2.43 2.43

Antenna Contacts, Clips

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 432346 1 EACH	Kyocera Service Parts TMSRP0083 30 Days	Antenna Contact	1.50 0.02 0.01	1.50 1.50 1.50

RF Ports

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 432345 1 EACH	Kyocera Service Parts TMSRP0824 30 Days	Connector Port, RF Test	1.75 0.02 0.01	1.75 1.75 1.75

Keyboards

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 462380 1 EACH	Kyocera Service Parts TMSRP0085 30 Days	Keyboard Assembly	25.75 0.03 0.01	25.75 25.75 25.75

Shrouds

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 436380 1 EACH	Kyocera Service Parts TMSRP008E 30 Days	Shroud Assembly	1.95 0.02 0.01	1.94 1.94 1.94

Service Parts For:

Kyocera 1960

Kyocera QCP 1960 [330-50]

Front Housings

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 411375 1 EACH	Kyocera Service Parts TMSRP0306 30 Days	Front Housing Assembly, Black	5.00 0.03 0.01	5.00 5.00 5.00
NEW 427386 1 EACH	Kyocera Service Parts TMSRP0337 30 Days	Front Housing Assembly, Platinum	2.80 0.03 0.01	2.80 2.80 2.80
NEW 445385 1 EACH	Kyocera Service Parts TMSRP0343 30 Days	Front Housing Assembly, Metallic Black	2.80 0.03 0.01	2.80 2.80 2.80
NEW 448344 1 EACH	Kyocera Service Parts TMSRP00369 30 Days	Front Housing, Silver	5.00 0.03 0.01	5.00 5.00 5.00
NEW 460312 1 EACH	Kyocera Service Parts TMSRP0341 30 Days	Front Housing Asembly, Sapphire Blue	5.00 0.03 0.01	5.00 5.00 5.00
NEW 461340 1 EACH	Kyocera Service Parts TMSRP0338 30 Days	Front Housing Assembly, Silver Blue	2.80 0.03 0.01	2.80 2.80 2.80
NEW 485335 1 EACH	Kyocera Service Parts TMSRP0339 30 Days	Front Housing Assembly, Ruby Red	2.80 0.03 0.01	2.80 2.80 2.80
NEW 495395 1 EACH	Kyocera Service Parts TMSRP0340 30 Days	Front Housing Assembly, Graphite	5.00 0.03 0.01	5.00 5.00 5.00

Rear Housings

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 420371 1 EACH	Kyocera Service Parts TMSRP0309 30 Days	Rear Housing Assembly	1.00 0.03 0.01	1.00 1.00 1.00

Antennas

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 472379 1 EACH	Kyocera Service Parts TMSRP0304 30 Days	Dual Band Antenna	3.00 0.02 0.01	2.97 2.97 2.97

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s Assemblies

No. Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
W 377 CH	Kyocera Service Parts TMSRP0320 30 Days	Lens Assembly, Sprint	0.60 0.02 0.01	0.58 0.58 0.58
W 372 CH	Kyocera Service Parts TMSRP0331 30 Days	Lens Assembly, Cricket	0.60 0.02 0.01	0.58 0.58 0.58
W 99 CH	Kyocera Service Parts TMSRP0321 30 Days	Lens Assembly, US West	0.60 0.02 0.01	0.58 0.58 0.58
W 34 CH	Kyocera Service Parts TMSRP0349 30 Days	Lens Assembly, Pegaso	0.60 0.02 0.01	0.58 0.58 0.58
V 52 CH	Kyocera Service Parts TMSRP0323 30 Days	Lens Assembly, Bell Mobility	0.60 0.02 0.01	0.58 0.58 0.58
V 05 CH	Kyocera Service Parts TMSRP0325 30 Days	Lens Assembly, Centennial	0.60 0.02 0.01	0.58 0.58 0.58
V 36 CH	Kyocera Service Parts TMSRP0319 30 Days	Lens Assembly, Primeco	0.60 0.02 0.01	0.58 0.58 0.58
V 16 CH	Kyocera Service Parts TMSRP0336 30 Days	Lens Assembly, Clearnet	0.60 0.02 0.01	0.58 0.58 0.58

mats

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
/ 91 H	Kyocera Service Parts TMSRP0307 30 Days	Keypad, Metal Dome, Send	1.50 0.02 0.01	1.50 1.50 1.50

Modules

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
/ 14 H	Kyocera Service Parts TMSRP0303 30 Days	LCD Module	15.00 0.03 0.01	15.00 15.00 15.00

Labels

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
4 H	Kyocera Service Parts TMSRP0376 30 Days	ESN Label, blank	80.00 0.01 0	80.00 80.00 80.00

ophone Assemblies

m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
4 H	Kyocera Service Parts TMSRP0308 30 Days	Microphone Assembly	1.50 0.02 0.01	1.50 1.50 1.50

ker Assemblies

m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
3 H	Kyocera Service Parts TMSRP0305 30 Days	Speaker Assembly	2.50 0.02 0.01	2.50 2.50 2.50

Screws

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 468386 1 EACH	Kyocera Service Parts TMSRP0311 30 Days	Screw,Torx Plus Ph M1.6 X .35 X 10.0 Zinc/Blk Crmt	0.10 0.01 0	0.10 0.10 0.10
NEW 476384 1 EACH	Kyocera Service Parts TMSRP0312 30 Days	Screw,Slftp Torx Plus Ph Pt K18x5 Zinc/Blk Crmt	0.10 0.01 0	0.10 0.10 0.10

Switch Assemblies

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 499395 1 EACH	Kyocera Service Parts TMSRP0371 30 Days	Volume Switch	0.75 0.02 0.01	0.72 0.72 0.72

Connectors, Compression, Board to Board

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 464326 1 EACH	Kyocera Service Parts TMSRP0375 30 Days	Connector, Board To Board, Comression, 16 Pin	1.35 0.03 0.01	1.35 1.35 1.35

Antenna Contacts, Clips

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 433341 1 EACH	Kyocera Service Parts TMSRP0310 30 Days	Antenna Contact	2.00 0.02 0.01	2.00 2.00 2.00

Ringers

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 499373 1 EACH	Kyocera Service Parts TMSRP0378 30 Days	Ringer Assembly	7.50 0.02 0.01	7.50 7.50 7.50

Keyboards

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 458343 1 EACH	Kyocera Service Parts TMSRP0302 30 Days	Compression Keyboard Assembly	5.00 0.02 0.01	5.00 5.00 5.00

Connectors, Miscellaneous

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 442398 1 EACH	Kyocera Service Parts TMSRP0372 30 Days	Connector, Flex Bottom, LCD Contact	1.25 0.02 0.01	1.25 1.25 1.25

Handsfree Kit Parts

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 410331 1 EACH	Kyocera Service Parts TMSRP0334 30 Days	Speaker, Handsfree Kit	27.95 0.02 0.01	27.95 27.95 27.95

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Kyocera Phone Parts

Continuing product table (2 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 413372 1 EACH	Kyocera Service Parts TMSRP0365 30 Days	Microphone, w/Data	18.95 0.2 0.09	18.95 18.95 18.95
NEW 413391 1 EACH	Kyocera Service Parts TMSRP0345 30 Days	Cable Assembly, Power Harness	14.95 0.2 0.09	14.95 14.95 14.95
NEW 414324 1 EACH	Kyocera Service Parts TMSRP0347 30 Days	Cable Assembly, Cradle To Rem, w/Data	29.95 0.2 0.09	29.95 29.95 29.95
NEW 439335 1 EACH	Kyocera Service Parts TMSRP0335 30 Days	Cradle Assembly (Cables Not Included)	24.95 0.2 0.09	24.95 24.95 24.95
NEW 448373 1 EACH	Kyocera Service Parts TMSRP0346 30 Days	Coil Cable Harness Assembly, w/Data	39.95 0.2 0.09	39.95 39.95 39.95
NEW 461353 1 EACH	Kyocera Service Parts TMSRP0364 30 Days	Cradle Assembly, w/Data (Cables Not Included)	24.95 0.2 0.09	24.95 24.95 24.95
NEW 477351 1 EACH	Kyocera Service Parts TMSRP0362 30 Days	Cable Assembly, Cradle to Rem	29.95 0.2 0.09	29.95 29.95 29.95
NEW 483354 1 EACH	Kyocera Service Parts TMSRP0332 30 Days	Power/Speaker Harness	24.95 0.02 0.01	24.95 24.95 24.95
NEW 492321 1 EACH	Kyocera Service Parts TMSRP0363 30 Days	Coil Cable Harness Assembly	39.95 0.2 0.09	39.95 39.95 39.95
NEW 495371 1 EACH	Kyocera Service Parts TMSRP0333 30 Days	Microphone, Handsdree Kit	18.95 0.02 0.01	18.95 18.95 18.95

Service Parts For:

Kyocera 1135

Kyocera 1135 [330-50]

Front Housings

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 458326 1 EACH	Kyocera Service Parts TMSRP10066 30 Days	Front Housing Assembly, Silver	9.30 0.03 0.01	9.30 9.30 9.30
NEW 479378 1 EACH	Kyocera Service Parts TMSRP10065 30 Days	Front Housing Assembly, Green (Sprint)	9.30 0.03 0.01	9.30 9.30 9.30

Rear Housings

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 427358 1 EACH	Kyocera Service Parts TMSRP10031 30 Days	Rear Housing	5.65 0.03 0.01	5.64 5.64 5.64

Antennas

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 415397 1 EACH	Kyocera Service Parts TMSRP10018 30 Days	Antenna	3.25 0.02 0.01	3.24 3.24 3.24

Lens Assemblies

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 422355 1 EACH	Kyocera Service Parts TMSRP10069 30 Days	Lens Assembly, Sprint, Silver	5.25 0.02 0.01	5.25 5.25 5.25
NEW 477363 1 EACH	Kyocera Service Parts TMSRP10068 30 Days	Lens Assembly, Generic, Green	5.25 0.02 0.01	5.25 5.25 5.25
NEW 482336 1 EACH	Kyocera Service Parts TMSRP10067 30 Days	Lens Assembly, Generic, Silver	5.25 0.02 0.01	5.25 5.25 5.25

Keymats

Continuing product table (1 of 2)

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 415370 1 EACH	Kyocera Service Parts TMSRP10063 30 Days	Keypad, Polydome, Generic	4.50 0.03 0.01	4.50 4.50 4.50

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ing product table (2 of 2)

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
V 77 CH	Kyocera Service Parts TMSRP10064 30 Days	Keypad, Polydome, Sprint	4.50 0.03 0.01	4.50 4.50 4.50

Modules

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
V 55 H	Kyocera Service Parts TMSRP008B 30 Days	LCD Module	12.75 0.03 0.01	12.74 12.74 12.74

ery Doors

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
V 31 H	Kyocera Service Parts TMSRP10034 30 Days	Battery Door, Charcoal Metallic	1.75 0.03 0.01	1.75 1.75 1.75

Labels

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
V 3 H	Kyocera Service Parts TMSRP10060 30 Days	Logo Label, KYOCERA, Black	0.10 0.01 0	0.07 0.07 0.07
V 3 H	Kyocera Service Parts TMSRP10037 30 Days	Logo Label, Verizon	0.10 0.01 0	0.07 0.07 0.07
V 8 H	Kyocera Service Parts TMSRP10059 30 Days	Logo Label, Cricket, Green	0.10 0.01 0	0.07 0.07 0.07
V 4 H	Kyocera Service Parts TMSRP10058 30 Days	Logo Label, Sprint, Green	0.10 0.01 0	0.07 0.07 0.07
V 8 H	Kyocera Service Parts TMSRP10056 30 Days	Logo Label, Movistar	0.10 0.01 0	0.07 0.07 0.07
V 0 H	Kyocera Service Parts TMSRP10057 30 Days	Logo Label, Telefonica	0.10 0.01 0	0.07 0.07 0.07
V 2 H	Kyocera Service Parts TMSRP10061 30 Days	Logo Label, Centennial, Black/Silver	0.10 0.01 0	0.07 0.07 0.07
V 7 H	Kyocera Service Parts TMSRP10055 30 Days	Logo Label, Centennial, Black/White	0.10 0.01 0	0.07 0.07 0.07

Labels

n	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
2 H	Kyocera Service Parts TMSRP10025 30 Days	ESN Label, Moisture Evident	0.05 0.01 0	0.02 0.02 0.02

ophone Assemblies

	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
H	Kyocera Service Parts TMSRP008D 30 Days	Microphone	4.60 0.02 0.01	4.60 4.60 4.60

Vibrator Motor Assemblies

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 451395 1 EACH	Kyocera Service Parts TMSRP10016 30 Days	Vibrator Motor Assembly	6.35 0.02 0.01	6.35 6.35 6.35

Speaker Assemblies

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 473362 1 EACH	Kyocera Service Parts TMSRP0C01 30 Days	Speaker, Earpiece	1.40 0.02 0.01	1.40 1.40 1.40

Screws

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 493351 1 EACH	Kyocera Service Parts TMSRP0053 30 Days	Screw, Torx Plus Ph M1.6 X .35 X 10.0 Zinc/Blk Crmt	0.10 0.01 0	0.10 0.10 0.10

Shields

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 474381 1 EACH	Kyocera Service Parts TMSRP10020 30 Days	Shield Frame	3.40 0.02 0.01	3.36 3.36 3.36

Data Port Connectors

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 497361 1 EACH	Kyocera Service Parts TMSRP0823 30 Days	Data Port, 26 Pin	3.10 0.02 0.01	3.10 3.10 3.10

Headset Jacks

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 468379 1 EACH	Kyocera Service Parts TMSRP0825 30 Days	Headset Jack	1.50 0.01 0	1.47 1.47 1.47

Connectors, Compression, Board to Board

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 461319 1 EACH	Kyocera Service Parts TMSRP0827 30 Days	Connector Keyboard	2.45 0.03 0.01	2.43 2.43 2.43

Antenna Contacts, Clips

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 430398 1 EACH	Kyocera Service Parts TMSRP10023 30 Days	Antenna Contact	1.50 0.02 0.01	1.50 1.50 1.50

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RF Ports

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 453366 1 EACH	Kyocera Service Parts TMSRP10035 30 Days	Cover, RF Port	0.35 0.02 0.01	0.32 0.32 0.32
NEW 478353 1 EACH	Kyocera Service Parts TMSRP0824 30 Days	Connector Port, RF Test	1.75 0.02 0.01	1.75 1.75 1.75

Ringers

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 410390 1 EACH	Kyocera Service Parts TMSRP0081 30 Days	Ringer Assembly	5.50 0.02 0.01	5.50 5.50 5.50

Keyboards

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 424833 1 EACH	Kyocera Service Parts TMSRP10062 30 Days	Keyboard, Green Led	11.05 0.03 0.01	11.05 11.05 11.05

Pads

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 461337 1 EACH	Kyocera Service Parts TMSRP10098 30 Days	Pad, Poron, 0.81mm	0.05 0.02 0.01	0.03 0.03 0.03

Service Parts For:

Kyocera 860

Kyocera QCP 860 [330-50]

Front Housings

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 411375 1 EACH	Kyocera Service Parts TMSRP0306 30 Days	Front Housing Assembly, Black	5.00 0.03 0.01	5. 5. 5.
NEW 427386 1 EACH	Kyocera Service Parts TMSRP0337 30 Days	Front Housing Assembly, Platinum	2.80 0.03 0.01	2. 2. 2.
NEW 445385 1 EACH	Kyocera Service Parts TMSRP0343 30 Days	Front Housing Assembly, Metallic Black	2.80 0.03 0.01	2. 2. 2.
NEW 448344 1 EACH	Kyocera Service Parts TMSRP00369 30 Days	Front Housing, Silver	5.00 0.03 0.01	5. 5. 5.
NEW 460312 1 EACH	Kyocera Service Parts TMSRP0341 30 Days	Front Housing Asembly, Sapphire Blue	5.00 0.03 0.01	5. 5. 5.
NEW 461340 1 EACH	Kyocera Service Parts TMSRP0338 30 Days	Front Housing Assembly, Silver Blue	2.80 0.03 0.01	2. 2. 2.
NEW 485335 1 EACH	Kyocera Service Parts TMSRP0339 30 Days	Front Housing Assembly, Ruby Red	2.80 0.03 0.01	2. 2. 2.
NEW 495395 1 EACH	Kyocera Service Parts TMSRP0340 30 Days	Front Housing Assembly, Graphite	5.00 0.03 0.01	5. 5. 5.

Rear Housings

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 420371 1 EACH	Kyocera Service Parts TMSRP0309 30 Days	Rear Housing Assembly	1.00 0.03 0.01	1. 1. 1.

Antennas

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T- T- T-
NEW 472379 1 EACH	Kyocera Service Parts TMSRP0304 30 Days	Dual Band Antenna	3.00 0.02 0.01	2. 2. 2.

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s Assemblies

o. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
V 79 CH	Kyocera Service Parts TMSRP0315 30 Days	Lens Assembly, Airtouch	0.60 0.02 0.01	0.58 0.58 0.58
V 72 CH	Kyocera Service Parts TMSRP0326 30 Days	Lens Assembly, Frontier	0.60 0.02 0.01	0.58 0.58 0.58
V 97 H	Kyocera Service Parts TMSRP0330 30 Days	Lens Assembly, Alltel	0.60 0.02 0.01	0.58 0.58 0.58
V 78 H	Kyocera Service Parts TMSRP0313 30 Days	Lens Assembly, Qualcomm	0.60 0.02 0.01	0.58 0.58 0.58
V 13 H	Kyocera Service Parts TMSRP0317 30 Days	Lens Assembly, Bell Atlantic Mobility	0.60 0.02 0.01	0.58 0.58 0.58
V 1 H	Kyocera Service Parts TMSRP0316 30 Days	Lens Assembly, Ameritech	0.60 0.02 0.01	0.58 0.58 0.58

nats

. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
V 1 H	Kyocera Service Parts TMSRP0307 30 Days	Keypad, Metal Dome, Send	1.50 0.02 0.01	1.50 1.50 1.50

Modules

. m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
4 H	Kyocera Service Parts TMSRP0303 30 Days	LCD Module	15.00 0.03 0.01	15.00 15.00 15.00

Labels

m	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
4 H	Kyocera Service Parts TMSRP0376 30 Days	ESN Label, blank	80.00 0.01 0	80.00 80.00 80.00

ophone Assemblies

n	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
4 H	Kyocera Service Parts TMSRP0308 30 Days	Microphone Assembly	1.50 0.02 0.01	1.50 1.50 1.50

ker Assemblies

	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
3	Kyocera Service Parts TMSRP0305 30 Days	Speaker Assembly	2.50 0.02 0.01	2.50 2.50 2.50

Screws

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 468386 1 EACH	Kyocera Service Parts TMSRP0311 30 Days	Screw,Torx Plus Ph M1.6 X .35 X 10.0 Zinc/Blk Crmt	0.10 0.01 0	0.10 0.10 0.10
NEW 476384 1 EACH	Kyocera Service Parts TMSRP0312 30 Days	Screw,Slftp Torx Plus Ph Pt K18x5 Zinc/Blk Crmt	0.10 0.01 0	0.10 0.10 0.10

Switch Assemblies

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 499395 1 EACH	Kyocera Service Parts TMSRP0371 30 Days	Volume Switch	0.75 0.02 0.01	0.72 0.72 0.72

Connectors, Compression, Board to Board

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 464326 1 EACH	Kyocera Service Parts TMSRP0375 30 Days	Connector, Board To Board, Compression, 16 Pin	1.35 0.03 0.01	1.35 1.35 1.35

Antenna Contacts, Clips

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 433341 1 EACH	Kyocera Service Parts TMSRP0310 30 Days	Antenna Contact	2.00 0.02 0.01	2.00 2.00 2.00

Ringers

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 499373 1 EACH	Kyocera Service Parts TMSRP0378 30 Days	Ringer Assembly	7.50 0.02 0.01	7.50 7.50 7.50

Keyboards

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 458343 1 EACH	Kyocera Service Parts TMSRP0302 30 Days	Compression Keyboard Assembly	5.00 0.02 0.01	5.00 5.00 5.00

Grounding Blocks

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 484384 1 EACH	Kyocera Service Parts TMSRP0244 30 Days	Grounding Block	0.10 0.02 0.01	0.07 0.07 0.07

Connectors, Miscellaneous

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 442398 1 EACH	Kyocera Service Parts TMSRP0372 30 Days	Connector, Flex Bottom, LCD Contact	1.25 0.02 0.01	1.25 1.25 1.25

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Kyocera Phone Parts

Handsfree Kit Parts

Part No. Qty/Uom	Manufacturer Mfg. P/N Warranty	Description	List ($) Wt. (lbs) Wgt. (kg.)	T-1($) T-2($) T-3($)
NEW 410331 1 EACH	Kyocera Service Parts TMSRP0334 30 Days	Speaker, Handsfree Kit	27.95 0.02 0.01	27.95 27.95 27.95
NEW 413372 1 EACH	Kyocera Service Parts TMSRP0365 30 Days	Microphone, w/Data	18.95 0.2 0.09	18.95 18.95 18.95
NEW 413391 1 EACH	Kyocera Service Parts TMSRP0345 30 Days	Cable Assembly, Power Harness	14.95 0.2 0.09	14.95 14.95 14.95
NEW 414324 1 EACH	Kyocera Service Parts TMSRP0347 30 Days	Cable Assembly, Cradle To Rem, w/Data	29.95 0.2 0.09	29.95 29.95 29.95
NEW 439335 1 EACH	Kyocera Service Parts TMSRP0335 30 Days	Cradle Assembly (Cables Not Included)	24.95 0.2 0.09	24.95 24.95 24.95
NEW 448173 1 EACH	Kyocera Service Parts TMSRP0346 30 Days	Coil Cable Harness Assembly, w/Data	39.95 0.2 0.09	39.95 39.95 39.95
NEW 463353 1 EACH	Kyocera Service Parts TMSRP0364 30 Days	Cradle Assembly, w/Data (Cables Not Included)	24.95 0.2 0.09	24.95 24.95 24.95
NEW 477351 1 EACH	Kyocera Service Parts TMSRP0362 30 Days	Cable Assembly, Cradle to Rem	29.95 0.2 0.09	29.95 29.95 29.95
NEW 483364 1 EACH	Kyocera Service Parts TMSRP0332 30 Days	Power/Speaker Harness	24.95 0.02 0.01	24.95 24.95 24.95
NEW 492321 1 EACH	Kyocera Service Parts TMSRP0363 30 Days	Coil Cable Harness Assembly	39.95 0.2 0.09	39.95 39.95 39.95
NEW 495371 1 EACH	Kyocera Service Parts TMSRP0333 30 Days	Microphone, Handsdree Kit	18.95 0.02 0.01	18.95 18.95 18.95

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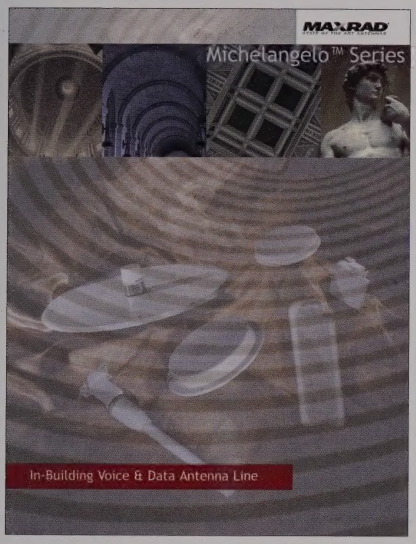

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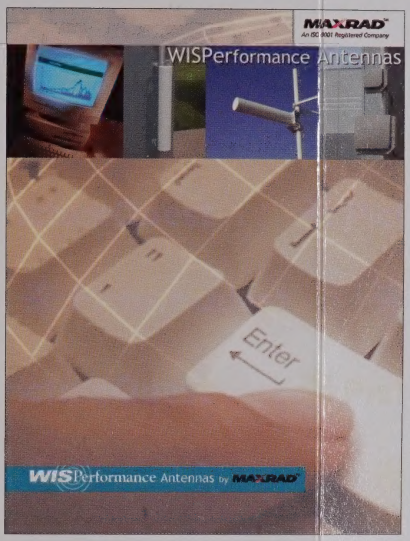

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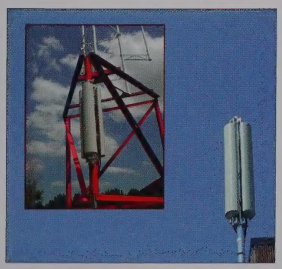

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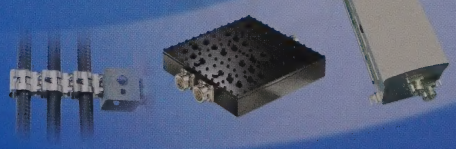

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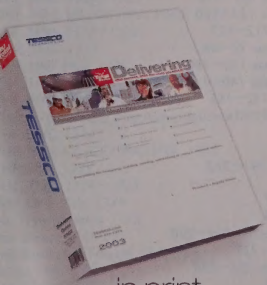

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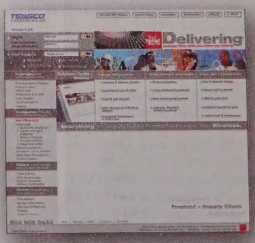

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1/4" Superflexible Cable *368—370*
1/4" Superflexible Connectors *403—404*
1-1/4 Inch Transmission Line *379—381*
1-1/4" Foam Cable Connectors *418—420*
110 Connecting Blocks and Accessories *660—661*
1-5/8" & 2-1/4" Transmission Line *381—383*
1-5/8" Foam Cable Connectors *420—423*
2.30 to 2.50 GHz Antennas *185—194*
2.4 GHz Portable Antennas *1329—1330*
3/8" Superflexible Connectors *404—405*
3/8", 1/2" & 7/8" Superflexible Cables *370—373*
45G Tower Sections *626—627*
5.25 to 5.85 GHz Antennas *194—205*
5/8" & 7/8" Transmission Line *376—379*
5/8" Foam Cable Connectors *413—414*
55G *627*
65G *627*
7/16 DIN Adapters *428—435*
7/16 DIN Connectors *443*
7/8" Foam Cable Connectors *414—417*
7/8" Superflexible Connectors *417—418*
75 Ohm Transmission Line *383—384*
99 Series Tools *1598—1599*

A

AC Battery Backup Systems *644—647*
AC Line Stabilizer/Conditioners *642*
AC Panel Surge Suppressors *553—554*
AC Power Protection *554*
AC Power Protection, Rack Mount *554—555*
AC Power Taps *643—644*
AC Surge protectors *643—644*
ACC Adapters *428—435*
ACC Adapters and Connectors *445—446*
Access Control Devices
    Access Control Devices *674*
Accessories, Exothermic Grounding *588—590*
Accessories, Grounding *566—574*
Accessories, Waveguide *392—393*
Acid Brushes *1612*
Active Filters *328—329*
Actuators, Door Lock *1222—1224*
Adapter Cups for Battery Analyzers *1192—1195*
Adapter Kits *435—436*
Adapters *428—435*
Adapters, Angle *526*
Adapters, Coaxial Transmission Line *425*
Adapters, Interseries Coaxial *435—436*
Adapters, Waveguide *392*
Add-A-Circuit *1718—1721*
Adhesive Tape *1741—1744*
Adhesives *1705—1707*
Adjustable Pliers *1579—1581*
Adjustable Wrenches *1581—1585*
AGC Style Fuses, Taps, Holders *1716—1718*
AGU Style Fuses *1723—1724*
Air Cable Connectors *423—425*
Air Dielectric Cable *384—386*
Air Dusters *1697—1698*
Air Terminals & Lightning Conductors *576—577*
Alarms, Auto *1222—1224*
Alarms, VSWR *334—336*
Alignment Tools *1568*
Alkaline, NiCd, Pager Batteries *1765—1766*
Alligator Clips *1732*
AM/FM Antennas, Mobile Cellular *1349—1352*
Amplified Antennas *722, 728, 739, 798, 875, 890, 895, 909, 1058—1059, 1075, 1346—1347*
Amplifiers, Base Station and Repeater
    RF Power Amp, 800 MHz *702*
    RF Power Amp, Lowband & VHF *701*
    RF Power Amp, UHF *701—702*
Amplifiers, PA *1211—1212*
Analog Multimeters *1499—1500*
Analog Oscilloscopes *1481—1482*
Analyzers, Battery *1190—1192*
Analyzers, Battery System *1467*
Analyzers, Cable System *1410—1415*
Analyzers, LAN/WAN, ATM, Frame Relay *1440—1443*
Analyzers, Network *1415—1416*
Analyzers, Power Line *1466—1467*
Analyzers, T1, T2, SONET *1436—1440*
Analyzers, xDSL & ISDN Network *1443—1444*
Anchor Rod Assemblies *634—636*
Angle *496—497*
Angle Gringer *1515—1517*
Angle Tower Adapters *526*
ANI/Status Systems *1170*
Antenna Couplers, Mobile Cellular *875, 920, 925, 969, 1007, 1044—1045, 1067, 1347—1349*
Antenna Harnesses *71*
Antenna Hole Saws *1520—1521*
Antenna Kits for Portables *722, 728, 739, 798, 875, 890, 895, 909, 1058—1059, 1075, 1346—1347*
Antenna Mount Test Adapters *1426*
Antenna Mounts, Downtilt Brackets *475—476*
Antenna Mounts, Monopole *468—472*
Antenna Mounts, Non-Penetrating Rooftop *480—485*
Antenna Mounts, Penetrating Rooftop *480—485*
Antenna Mounts, Pipe *496—497*
Antenna Mounts, Pipe Mounts *493—496*
Antenna Mounts, Pole *486—493*
Antenna Mounts, Side Mounts *472—475*
Antenna Mounts, Tower Frames *466—468*
Antenna Mounts, Tripods *480—485*
Antenna Mounts, Wall Mounts *476—480*
Antenna Mounts, Water Towers *485—486*
Antenna Mounts, Woodpole *468—472*
Antenna Rod Cutters *1573—1574*
Antenna Sweepers *1410—1415*
Antenna Testers & SWR Meters
    Antenna Testers, SWR Meters *1419—1420*
    SWR Meter Accessories *1420*
Antenna Testers, SWR Meters *1419—1420*
Antenna Wrenches *1581—1585*
Antenna, Base Mast *496—497*
Antennas, Base Station
    200 MHz , Any Style *12—17*
    25-30 MHz Ground Plane, Coaxial *2—3*
    30-50 MHz Directional *6—7*
    30-50 MHz, Dipole *5—6*
    30-50 MHz, Ground Plane, Coaxial *3—5*
    30-50 MHz, Yagi, Corner Reflector *7—8*
    66-88 Mhz Bi-Directional *10—11*
    66-88 MHz, Dipole *9—10*
    66-88 MHz, Ground Plane, Coaxial *8—9*
    66-88 MHz, Yagi/Corner Reflector *11—12*
    764-806 MHz Fiberglass Omni Antenna *67*
    Antenna Harnesses *71*
    Base Antenna Accessories *68*
    Monitor/Scanner Antennas *67*
    Power Splitters, Power Dividers *68—71*
    UHF Dipole *53—58*
    UHF Fiberglass/PVC Radome *44—53*
    UHF Ground Plane, Coaxial *40—44*
    UHF Panel *58—59*
    UHF Yagi, Corner Reflector *59—67*
    VHF Ground Plane, Coaxial *17—22*
    VHF Yagi, Corner Reflector *35—40*
    VHF, Dipole *27—34*
    VHF, Directional *34—35*
    VHF, Fiberglass/PVC Radome *22—27*
Antennas, Cellular & PCS
    1710-1990 MHz Dual-Polarized Antennas *178—184*
    1710-1990 MHz Fiberglass/Omni Antenna *156—160*
    1710-1990 MHz Panel/Directional *160—178*
    800-1000 MHz Panel Antennas *88—101*
    800-960 MHz Log Periodic/Directional *101—112*
    806-896 MHz Dual-Polarized Antennas *123—130*
    806-896 MHz Yagi/Corner Reflector *112—123*
    806-960 MHz Fiberglass/Omni Antennas *72—88*
    896-960 MHz Fiberglass/Omni Antennas *130—140*
    896-960 MHz Panel/Directional Antenna *140—142*
    896-960 MHz Yagi/Corner Reflector *142—155*
    Dual Band Cellular and PCS Panel *155—156*
Antennas, Disguise *1304*
Antennas, Indoor
    Indoor Antennas (Cellular/SMR/PCS) *241—262*
Antennas, Microwave Products
    10.7 to 11.7 GHz Antennas *216—217*
    2.30 to 2.50 GHz Antennas *185—194*
    2400-2500 MHz Fiberglass/Omni Antennas *217—220*
    2400-2500 MHz Panel Antennas *220—235*
    2400-2500 MHz Yagi/Corner Reflector *235—238*
    5.25 to 5.85 GHz Antennas *194—205*

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5.725 to 6.875 GHz Antennas *206—212*
5.925 to 6.425 GHz Antennas *205—206*
6.425 to 7.125 GHz Antennas *212*
7.125 to 8.4 GHz Antennas *215—216*
Dual Band 2.3-2.5 & 5.25-5.85 Antenna *212—215*
Radome Covers *238—240*
nnas, Mobile Cellular
Cellular Antenna Couplers *1347—1349*
Cellular Elevated Feed Antennas *1344—1346*
Cellular Gain, Antenna Only *1336—1339*
Cellular Glass Mounted Antennas *1341—1343*
Cellular Magnetic Mount, Complete *1340—1341*
Cellular Passive Repeater Antennas *1343—1344*
Cellular Quarterwave, Antenna Only *1335—1336*
Cellular Replacement Whips *1352—1353*
Cellular Rooftop Antenna, Complete *1339—1340*
Cellular Suction Cup Antennas *1346*
External Antenna Kits for Portables *1346—1347*
Glass Mount Reinstall Kits *1352*
Low Profile, No Ground, AM/FM, Marine *1349—1352*
nnas, Mobile PCS
PCS and Dual Band Cellular Antennas *1331—1335*
nnas, Mobile Two-way, GPS, XM
108-174 MHz Quarter Wave Unity Gain *1242—1244*
108-940 MHz Quarter Wave Tunable *1238—1242*
130-174 MHz Gain *1244—1251*
130-174 MHz Glass,Low Profile, Marine *1252—1256*
130-174 MHz No Ground Plane Required *1251—1252*
2.4 GHz Rooftop, Mag, Trunk Lip *1314—1315*
200-250 MHz All Styles *1256—1258*
25-88 MHz Base Loaded *1234—1238*
25-88 MHz, Quarter Wave, Whip *1234*
406-512 MHz Gain *1260—1269*
406-512 MHz Glass,Low Profile, Marine *1270—1274*
406-512 MHz No Ground Plane Required *1269—1270*
406-512 MHz Quarter Wave Unity Gain *1258—1260*
800 MHz Elevated Feed *1286—1289*
800 MHz Gain, Rooftop, Mag, Trunk Lip *1276—1285*
800 MHz Glass Mount *1285—1286*
800 MHz Low Profile, Marine *1289—1291*
800 MHz Quarter Wave Unity Gain *1274—1276*
900 MHz Elevated Feed *1300—1302*
900 MHz Glass Mount *1298—1300*
900 MHz Rooftop, Mag, Trunk Lip *1291—1298*
Brackets *1320—1321*
Cable Assemblies *1322—1323*
Coils, Bases *1317—1318*
Disguise Antennas *1304*
Dual Band Antennas *1304—1307*
GPS Antennas *1308—1314*
Mobile Mounting Adapters *1316—1317*
Monitor Antennas *1302—1304*
Replacement Parts, Misc. *1318—1320*
Replacement Whips, Radiators *1321—1322*
Springs *1318*
XM Radio Antennas *1315—1316*
nas, Portable Cellular
Transportable Antennas *1152*
nas, Portable Two Way
30-50 MHz, 1/4" x 7/32 (MX,Radius) *1323*
30-50 MHz, 5/16"-32 X 1/2",(HT 220) *1323*
806-866 MHz, BNC *1328*
806-866 MHz, TNC *1328—1329*
806-869 MHz, M7x1.0 (GE MPA,MPD) *1328*
806-869 MHz, SMA *1329*
Special Purpose *1329—1330*
UHF, 1/4"-32 x 7/32" (MX,Radius) *1326*
UHF, 5/16"-32 x 1/2", (HT) *1325—1326*
UHF, BNC *1326—1327*
UHF, M7 x 1.0, (GE MPA, MPD) *1327*
UHF, SMA *1327—1328*
UHF, TNC *1327*
UHF, UHF Male *1326*
VHF, 1/4"-32 x 7/32" (MX,Radius) *1323—1324*
VHF, 5/16"-32 x 1/2" (HT) *1323*
VHF, 5/16-32 x 3/8 King,Ritron/Jobcom *1323*
VHF, BNC *1324*
VHF, M7 x 1.0 (GE MPA,MPD) *1325*
VHF, SMA *1325*
VHF, TNC *1324—1325*
VHF, UHF Male *1324*
nas, Transportable *1152*
imb Sheets *626—627*
imb Sheets for Towers *623—626*
xident *566—574*
eze *1704—1705*
Anti-Static Treatments *1697*
Arrowstick *1395—1396*
ATA Case *1531—1537*
ATC Fuses *1718—1721*
ATC Style Fuses, Taps, Holders *1718—1721*
ATC/ATO Fuse Blocks (Panels) *1718—1721*
ATM Analyzers *1440—1443*
Attenuators, RF *1433—1435*
Audiovox 9155-GPX
Batteries for Portable Phones *719*
Battery Conditioning Units *719*
Cases for Portable Cellular Phones *720—721*
Chargers, Desk Top, Travel *720*
Data Interfaces for Portable Phones *722*
External Antenna Kits for Portables *722*
Face Plates *719—720*
Headsets *721—722*
Vehicle Power Adapters *719*
Waterproof Cases, Belt Clips *721*
Audiovox CDM130, 135, 8100, PCX1100, 1110
Batteries for Portable Phones *730—731*
Cases for Portable Cellular Phones *732*
Hands Free Kits, Mics, Headsets *732*
Portable Cellular Phone Accessory Kit *734*
Vehicle Power Adapters *731*
Audiovox CDM-8300
Batteries for Portable Phones *723*
Battery Conditioning Units *723*
Headsets *724—725*
Waterproof Cases, Belt Clips *723*
Audiovox CDM9100
Batteries for Portable Phones *735*
Battery Conditioning Units *735*
Chargers, Desk Top, Travel *736*
External Antenna Kits for Portables *739*
Headsets *737—739*
Retractable/Replacement Antennas *739*
Waterproof Cases, Belt Clips *737*
Audiovox CDM-9150x
Batteries for Portable Phones *725*
Cases for Portable Cellular Phones *726—727*
External Antenna Kits for Portables *728*
Face Plates *726*
Headsets *727—728*
Vehicle Power Adapters *725—726*
Audiovox CDM-9500
Batteries for Portable Phones *729*
Chargers, Desk Top, Travel *729*
Headsets *729—730*
Auto Security
Auto Security Devices *1222—1224*
Auto Sound Hardware *1734—1736*
Automatic Vehicle Locators *1228*
Automotive Hookup Wire *1762—1764*
Automotive Tools, Upholstery, Window Clip, Trim *1614—1616*
Awls *1611—1612*

B

Backup Systems, Battery Chargers *609—610*
Backup Systems, DC Power *607—608*
Backup Systems, Emergency Relays *609*
Backup Systems, Hybrid *609*
Backup Systems, Rack Mounted AC *608—609*
Backup Systems, Solar *613—614*
Bag Phone Batteries *1148*
Bag Phone Equipment *1024, 1147—1148*
Ballasts, Antenna Mounting *480—485*
Bandwidth Management, QoS *671*
Bandwidth/QoS Management
Bandwidth/QoS Management *674*
Bantam Radios *1162—1167*
Bar Code Scanner
Bar Code Scanner *1227*
Barrell Connector, Wire Splice *1729—1730*
Base Antenna Accessories *68*
Bases, Tower *623—626*
Batteries for Back-up Systems *647—648*
Batteries for Communication Sites *618*
Batteries for Solar Charging Systems *618*
Batteries Wireless Phones
Battery Recycling Containers *1148—1149*
Transportable Batteries *1148*
Batteries, 12 V & 24 V *618*
Batteries, AA, AAA, C, D & 9 V Cells *1765—1766*
Batteries, Alkaline *1765—1766*

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Product Index

Batteries, Alkaline, Ni-Cd and Pager
Alkaline, NiCd, Pager Batteries *1765—1766*
Batteries, Bag Phone *1148*
Batteries, Communication Sites *618*
Batteries, NiCd *1765—1766*
Batteries, Pager *1765—1766*
Batteries, Transportable *1148*
Batteries, Two-Way Portable
Battery Clips *1187*
E.F.Johnson Batteries *1184*
Eliminators/ Cradles- Two Way Radios *1187—1188*
Ericsson/ M/A-COM Batteries *1178—1180*
Icom Batteries *1180—1181*
Kenwood Batteries *1181—1183*
King/Bendix Batteries *1185*
Maxon Batteries *1185—1186*
Midland Batteries *1184—1185*
Motorola Batteries *1174—1178*
Ritron, Jobcom Batteries *1184*
Standard Radio Batteries *1185*
Tekk Batteries *1186*
Wilson,Relm,Regency,Uniden Batteries *1183—1184*
YAESU/Vertex Batteries *1186—1187*
Batteries, VCR *1148*
Battery Analyzers and Adapter Cups *1190—1192*
Battery Analyzers and Conditioners
Adapter Cups for Battery Analyzers *1192—1195*
Battery Analyzers/Conditioners *1190—1192*
Battery Backup, Hybrid *609*
Battery Backups, AC *608—609*
Battery Bolts And Taps *1731—1732*
Battery Charger, 12V & 24 V *618*
Battery Chargers *618*
Battery Chargers For Backup Batteries *609—610*
Battery Clips *721, 723, 737, 750—751, 758, 769, 787, 796, 824—825, 832—833, 836, 871, 878, 886, 900—901, 911, 937, 940—941, 944, 950, 954, 999—1000, 1054, 1079, 1085, 1089—1090, 1095, 1109, 1113, 1126, 1130, 1133, 1134—1135, 1149—1152, 1187*
Battery Recycling Containers *1148—1149*
Battery Taps And Bolts *1731—1732*
Battery Terminal Cleaner *1698—1702*
BDAs *706—707*
Beacons *1395—1396*
Beacons, Tower *636*
Belt Clips *721, 723, 737, 750—751, 758, 769, 787, 796, 824—825, 832—833, 836, 871, 878, 886, 900—901, 911, 937, 940—941, 944, 950, 954, 999—1000, 1054, 1079, 1085, 1089—1090, 1095, 1109, 1113, 1126, 1130, 1133, 1134—1135, 1149—??, 1149—1152, ??—1152, 1187*
Bench Vises *1666—1667*
Benches, Work, Complete *1649—1650*
Benchtop Digital Multimeters *1503—1504*
Bidirectional Attenuators *1433—1435*
Bi-DirectionalAmplifiers' *706—707*
Big Grips *634—636*
Bin Boxes, Plastic *1665—1666*
Bins, Parts *1664—1665*
Bits, Drill *1518—1520*
Bits, Power Driver *1570—1573*
Blackberry 5810
Accessories for Handheld Computers *741*
Blackberry 6710
Accessories for Handheld Computers *742*
Blocks Sytems *524—526*
BNC Adapters *428—435*
BNC Connectors *441—442*
BNC Reverse Gender Connectors *444—445*
Body Belts, Positioning, Safety Harnesses *1632—1641*
Body Protection Gear *1632—1641*
Bolt Bags *636—637*
Bonders *1479—1480*
Boom Gates *466—468*
Boots and Cushions, Waveguide *516—520*
Boots, Connector Strain Relief *448*
Bosum Seats *1632—1641*
Box Wrenches *1581—1585*
Boxes, Tool *1651—1652*
Brackets for Mobile Antennas *1320—1321*
Brackets, Downtilt *475—476*
Brackets, Waveguide *498—504*
Braided Coaxial Cables
Low Loss Cable *396*
RG-11 Cables *400*
RG142, RG174, RG214 Cable *400—402*
RG58 Cable *394—395*
RG59 Cable *395—396*
RG6 Cable *399—400*
RG8 Cable *396—399*
Bridge Kit Accessories *498—504*
Bridge Kits *498—504*
Bridge Kits, Rooftop *504—508*
Bristol Spline Screwdriver *1598—1599*
Broadband Wireless Access
Broadband Wireless Access *683—690*
Bronze Transition Clamps *558—560*
Brooms, Dust Pans, Seat/Floor Covers *1662*
Brushes *1612*
Buckets, Canvas *636—637*
Bullet Connectors *1724*
Burial Kits *1741—1744*
Buss Bars *560—566*
Butane Soldering Irons *1668—1670*
Butt Connectors *1729—1730*
Butterfly Hangers *454—457*
ButtSets *1453—1455*
Butyl Tape *1741—1744*

C

Cabinets *537—541*
Cabinets, Broadband *543—545*
Cabinets, Tool *1651—1652*
Cable Analyzers *1415—1416*
Cable and Wire Handling Equipment *1663—1664*
Cable Blocks *524—526*
Cable Brackets *498—504*
Cable Clamps *634—636*
Cable Fault Testers *1448—1453*
Cable Hanger Blocks Systems *524—526*
Cable Ladders, Vertical *508—510*
Cable Locators & Testers, Telecom *1455—1457*
Cable Management *661—662*
Cable Prep Tools *1555—1562*
Cable Runway *530—533*
Cable Support Rails *533—537*
Cable Support, Angle Adapters *526*
Cable Support, Boots & Cushions *516—520*
Cable Support, Cable Blocks *524—526*
Cable Support, Cable Runway *530—533*
Cable Support, Crosses *520—524*
Cable Support, Rooftop *504—508*
Cable Support, Round Member Adapters *526—530*
Cable Support, Round Member Brackets *526—530*
Cable Support, Tower *520—524*
Cable Support, Wall Mount *520—524*
Cable Sweep Testers *1410—1415*
Cable System Analyzers *1410—1415*
Cable Tie Mounts *1745—1749*
Cable Tie Tools *1749—1750*
Cable Ties *1745—1749*
Cable Tray *504—508*
Cable Tray and Sleeper System *504—508*
Cable, Coax, 1/4-in. Superflexible *368—370*
Cable, Coax, 3/8, 1/2 & 7/8-in. Superflexible *370—373*
Cable, Coaxial, 1/4, 3/8 & 1/2-in *373—376*
Cable, Coaxial, 1-1/4 in. *379—381*
Cable, Coaxial, 1-5/8 & 2-1/4 in. *381—383*
Cable, Coaxial, 5/8 & 7/8-in. *376—379*
Cable, Coaxial, 75 Ohm *383—384*
Cable, Coaxial, Air Dielectric *384—386*
Cable, Coaxial, Radiating *386—388*
Cable, Fiber Optic *654—655*
Cable, Low Loss RG/LMR *396*
Cable, RG142, RG174, & RG214 *400—402*
Cable, RG58 *394—395*
Cable, RG59 *395—396*
Cable, RG6 *399—400*
Cable, RG8 *396—399*
Cable, Waveguide *388—390*
Cable/LAN Qualification Testers *1448—1453*
Cable-Hanging Systems *524—526*
Cables, Test *1511—1512*
Calibration
RF & Microwave Test Equipment *1402*
Cameras,Video *667—668*
Camouflage Screw Caps *1761*
Can Wrench *1581—1585*
Cantalever Wall Mounts *476—480*
Capacitance and LCR Meters *1504*
Capacitance Probes, Glass Testers *1505*
Caps, Antenna Rain Caps *1318—1320*
Car Holder *1024, 1147—1148*
Carts, Luggage *1540—1541*

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s, Tool *1651—1652*
s, Wire and Spool *1663—1664*
, ATA *1531—1537*
, Attache *1531—1537*
, Datacom *1531—1537*
, Electronics *1531—1537*
, Field Service *1531—1537*
, Military-style *1531—1537*
, Shipping *1531—1537*
, Soft-Side *1531—1537*
, Technician *1531—1537*
, Tool, w/o Tools *1531—1537*
, Wheeled *1531—1537*
, Zip *1531—1537*
s and Belt Clips
Belt Clips *1149—1152*
s for Meters *1508—1509*
s for Portable Cellular Phones *720—721, 726—727, 732, 754—755, 764, 786—787, 790—791, 800, 805, 809, 813—814, 817, 821, 832, 833—834, 839, 841—842, 871, 881, 897, 905, 916, 923, 927, 947, 958—959, 966, 999, 1003, 1013—1015, 1021, 1025, 1028—1029, 1038—1039, 1062, 1069, 1081—1082, 1092, 1099, 1101—1102, 1107, 1115, 1117, 1125—1126, 1129—1130*
s, Equipment Protection *1537—1539*
s, Multimeter *1508—1509*
s, Two Way Portables
Case Accessories *1197*
Ericsson Cases *1195—1196*
Kenwood Cases *1196*
Motorola Cases *1196—1197*
Waterproof Cases *1197—1198*
s, Wattmeter *1426*
Cables *649—651*
5 Jacks *657—658*
ies, 800-1000 MHz *277—282*
ies, Lowband *263—264*
ies, UHF *272—277*
ies, VHF *264—272*
ntennas *1234—1238*
/ *667—668*
/ Equipment *667—668*
g Brackets/Hangers *533—537*
ar Antenna Couplers *875, 920, 925, 969, 1007, 1044—1045, 1067, 1347—1349*
ar Elevated Feed Antennas *1344—1346*
ar Glass Mounted Antennas *1341—1343*
ar Mobile Phone Test Sets *1474—1476*
ar Modems *889—890, 1140*
ar Passive Repeater Antennas *1343—1344*
ar Replacement Whips *1352—1353*
ar Rooftop Antenna, Complete *1339—1340*
ar Suction Cup Antennas *1346*
ar Testers *1476—1477*
er Punches *1611—1612*
s and Stools *1653—1654*
nel, Waveguide *498—504*
e Controllers, Solar *616—617*
ers and Conditioners-Two Way
Two-Way Battery Conditioners *1188—1190*
ers, Cordless Drill *1517—1518*
ers, Desk Top, Travel *720, 729, 736, 750, 757—758, 768, 772, 786, 795, 811, 824, 832, 835, 870—871, 875—876, 885—886, 892, 910—911, 930, 933, 936, 940, 949, 953, 962, 998—999, 1053, 1072—1073, 1077—1078, 1084, 1088—1089, 1094—1095, 1107, 1109, 1111, 1112—1113, 1120, 1122, 1125, 1129, 1134*
ers, Solar *618*
ers, Transportable Battery *1148*
ical Ground Rods *576*
icals, Cleaners, Adhesives
Adhesives *1705—1707*
Air Dusters *1697—1698*
Anti-Static Treatments *1697*
Cleaner/Degreasers *1698—1702*
Electrical Coatings *1704—1705*
Flux & Flux Removers *1702—1703*
Freeze Sprays *1703*
Galvanizing Products *1709—1710*
Hand Cleaners *1702*
Lubricants *1704*
Paints *1710*
RTV Sealant *1710—1711*
Solvents *1703—1704*
Swabs & Chemical Accessories *1707—1709*
s, Tool *1652—1653*
ng Sirens *1215*
s & Punches *1611—1612*
r, Bracket *476—480*
Keys *1517—1518*
tte Lighter Plugs/ Sockets *1734*
Circuit Testers *1616—1617*
Circulators *330—333*
Citrus Base Cleaner *1698—1702*
CLA Fuses *1716*
Clamp Sets *486—493*
Clamp-On Multimeters *1500—1503*
Clamps & Lugs, Grounding *566—574*
Clamps, Beam *533—537*
Clamps, Hose *526—530*
Cleaner/Degreasers *1698—1702*
Cleaners, Hand *1702*
Clip *721, 723, 737, 750—751, 758, 769, 787, 796, 824—825, 832—833, 836, 871, 878, 886, 900—901, 911, 937, 940—941, 944, 950, 954, 999—1000, 1054, 1079, 1085, 1089—1090, 1095, 1109, 1113, 1126, 1130, 1133, 1134—1135, 1149—1152*
Clip On Coupler Antenna *1285—1286*
Clipmate *721, 723, 737, 750—751, 758, 769, 787, 796, 824—825, 832—833, 836, 871, 878, 886, 900—901, 911, 937, 940—941, 944, 950, 954, 999—1000, 1054, 1079, 1085, 1089—1090, 1095, 1109, 1113, 1126, 1130, 1133, 1134—1135, 1149—1152*
ClipMount *753, 761, 775, 899, 914, 1001, 1006, 1016, 1043—1044, 1066—1067, 1071, 1097, 1112, 1390—1394*
Clip-on Grounding Kits *457—460*
Clips, Alligator *1732*
Clips, Fuse *1721—1723*
Closed Circuit Television *667—668*
Cluster Support Brackets *520—524*
Coating, zinc galvanizing *1709—1710*
Coatings, Electrical *1704—1705*
Coax Blocks *524—526*
Coax Cable and Transmission Line Access
Grounding Kits *457—460*
Hanger Kits *454—457*
Hoisting Grips *460—461*
Coax Jumpers *449—451*
Coax Protection, Combiner *549—550*
Coax Protection, Filtered & Grounded *550*
Coax Protection, General Coverage *546—548*
Coax Protection, NEMP *549*
Coax Protection, Repl. Gas Capsule *548—549*
Coax Switches *68—71*
Coaxial Cable and Transmission Line
1/4" Superflexible Cable *368—370*
1/4",3/8", and 1/2" Transmission Line *373—376*
1-1/4 Inch Transmission Line *379—381*
1-5/8" & 2-1/4" Transmission Line *381—383*
3/8", 1/2" & 7/8" Superflexible Cables *370—373*
5/8" & 7/8" Transmission Line *376—379*
75 Ohm Transmission Line *383—384*
Air Dielectric Cable *384—386*
Radiating Cable *386—388*
Coaxial Crimpers *1542—1545*
Coils, Bases *1317—1318*
Cold Shrink Tapes *1741—1744*
Combination Wrenches *1581—1585*
Combiner Coax Protection *549—550*
Combiners *68—71*
Combiners, 800-1000 MHz *311—319*
Combiners, UHF *304—311*
Combiners, VHF *300—304*
Communication Cable Cutters *1624*
Communications Monitors *1477—1478*
Compasses *1629*
Concrete Bases *626—627*
Concrete Tower Bases *623—626*
Conductive Mats and Kits *1688—1690*
Cones *1318—1320*
Connector Installation *426*
Connector Pins and Parts *425—426*
Connector Sealants & Electrical Coatings *1704—1705*
Connectors and Adapters for Braided Coax
7/16 DIN Connectors *443*
Adapter Kits *435—436*
BNC Connectors *441—442*
D SUB Connectors *448*
F Connectors *446—447*
Ferrules *447—448*
FME Connectors & Adapters *445—446*
Interseries Adapters *428—435*
Mini UHF Connectors *442—443*
MMCX Connectors *447*
N Connectors *436—438*
Reverse Gender Connectors *444—445*
SMA Connectors *443—444*
SMB Connectors *447*
SPL Connectors *447*
Strain Reliefs *448*
TNC Connectors *439—441*

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UHF Connectors 438—439
Connectors for Transmission Line
1/2" Foam Cable Connectors 409—413
1/2" Superflexible Connectors 405—408
1/4" & 3/8" Foam Cable Connectors 408—409
1/4" Superflexible Connectors 403—404
1-1/4" Foam Cable Connectors 418—420
1-5/8" Foam Cable Connectors 420—423
3/8" Superflexible Connectors 404—405
5/8" Foam Cable Connectors 413—414
7/8" Foam Cable Connectors 414—417
7/8" Superflexible Connectors 417—418
Air Cable Connectors 423—425
Connector Installation 426
Connector Pins and Parts 425—426
Splices-Inter Cable 423
Transmission Line Adapters 425
Connectors Terminal 1726—1728
Connectors, Modular 1724
Connectors, SMA 443—444
Connectors, Wattmeter 1430—1431
Connectors, Waveguide 391—392
Contact Adhesive 1705—1707
Contact Cleaners 1698—1702
Contact Pins, Mobile Antennas 1318—1320
Contacts, Connector Center 425—426
Continuity Tester 1616—1617
Control Cables 1024, 1147—1148
Controllers, Solar Charge 616—617
Converters, DC To Tone 1203
Converters, DC-to-DC Voltage 1219—1221
Copper Cleaner 566—574
Copper Ground Strap 575
Copper Groundwire 574—575
Cordless Angle Drill 1514—1515
Cordless Drill Driver 1514—1515
Cordless Drills 1514—1515
Cordless Phone Systems 698—699
Cordless Soldering Irons 1668—1670
Cordless VSR Angle Drill 1514—1515
Cordless VSR Drill 1514—1515
Corner Reflector, VHF 35—40
Counter Top Display Materials 1155—1156
Couplers, Mobile Cellular Antenna 875, 920, 925, 969, 1007, 1044—1045, 1067, 1347—1349
Coveralls, RF Protective 1645—1646
Cradles, Cellular Phones 753, 761, 775, 899, 914, 1001, 1006, 1016, 1043—1044, 1066—1067, 1071, 1097, 1112, 1390—1394
Crimp Caps 1724
Crimpers, Coaxial 1542—1545
Crimpers, Modular Telephone 1548—1552
Crimpers, Terminal Lug 1545—1548
Cross Arm Hardware 1632—1641
Cross Band Couplers 333—334
Crossover Clamps 486—493
Crystal Checker 1479—1480
CTCSS 1169
Cups, Hang Up 1024, 1147—1148
Current Clamps 1505—1506
Cushions and Boots, Waveguide 516—520
Cutters, Precision 1573—1574
Cutters, Wire 1552—1555
Cynoacrylates 1705—1707

D

D SUB Connectors 448
Data Cables 1024, 1147—1148
Data Cables, Cellular Modems 889—890, 1140
Data Cables, Portable Phones 722, 753, 760, 774—775, 803, 812, 820, 838, 843, 846, 874—875, 919—920, 931—932, 935, 943, 956—957, 1026, 1058, 1075, 1114, 1116, 1119, 1126, 1131, 1137—1140
Data Interfaces for Portable Phones 722, 753, 760, 774—775, 803, 812, 820, 838, 843, 846, 874—875, 919—920, 931—932, 935, 943, 956—957, 1026, 1058, 1075, 1114, 1116, 1119, 1126, 1131, 1137—1140
Data Interfaces, PCMCIA Modems
Cellular Modems 1140
Data Interfaces for Portable Phones 1137—1140
Digital Organizers 1140
Data Logging Equipment 1505
Data Network Analyzers
LAN/WAN, ATM, Frame Relay Analyzers 1440—1443
Network Inspectors 1444—1445
T1, T3, SONET Analyzers 1436—1440
xDSL and ISDN Network Analyzers 1443—1444
Data Terminal and Computer Mounts 1368—1373
Data, Phone, Twisted Pair Lightening Protection 555—558
DC Battery Backup Systems 607—608
DC Battery Charger 618
DC Power Protection 555
DC Power Stabilizers/Protectors 1716
DC Power Supplies, Precision 1510—1511
DC Remote Controls 1201—1202
DC Remote Termination Panels 1202—1203
DC to AC Power Inverters 1216—1219
DC to DC Voltage Converters 1219—1221
DC to Tone Converters 1203
Deckblaster 1395—1396
Decoders Encoders 1169
Degreasers 1703—1704
Degreasers & Cleaners 1698—1702
Dehydrator Systems
Dehydrator Accessories 462—463
Dehydrator Fittings 463—464
Dehydrator Manifolds 462
Dehydrators 461—462
Desk Microphones 1171
Desoldering Pumps 1677—1678
Desoldering Station 1670—1675
Desoldering Tips 1686—1688
Diagonal Cutters 1573—1574
Digital & Cellular Mobile Phone Test Sets 1474—1476
Digital Coded Squelch 1169
Digital Multimeters 1491—1499
Digital Multimeters, Benchtop 1503—1504
Digital Organizers 766, 952, 961, 1131, 1136, 1140
Digital Oscilloscopes 1482—1483
Digital Wattmeters 1425—1426
Dikes 1573—1574
DIN Connectors, 7/16 443
DIN Tools, Radio Removal 1614—1616
Diodes 1714—1715
Directional Wattmeters, RF 1424—1425
Disguise Antennas 1304
Dispatch "Gooseneck" Microphones 1171—1172
Display Materials
Counter Top Display Materials 1155—1156
Grid Display Materials 1154—1155
ManufacturersProductDisplays 1156
Slatwall Display Materials 1152—1154
Distribution Block, Power 595—596
Distribution Blocks 1734—1736
Distribution Panels, Power 595—596
DMMs 1491—1499
Doghouses 510—516
Donuts 516—520
Double Sided Foam Tape 1318—1320, 1741—1744
Downtilt Brackets 475—476
Downtilt Mounts 475—476
Drill and Driver Accessories 1517—1518
Drill Bit Point Screws 1751—1756
Drill Bits 1518—1520
Drill, ANgle 3/8 1515—1517
Drills, Cordless 1514—1515
Drills, Power 1515—1517
Drive Time Kits 722, 728, 739, 798, 875, 890, 895, 909, 1058—1059, 1075, 1346—1
Drive Tools, Drive Rods 636—637
Driver Sets, Hex 1585—1589
Drivers, Torque 1602—1606
Dry Loads 1431—1433
Dry RF Load Resistors 1431—1433
DTMF Encoder Microphones 1172—1174
Dual Band 1304—1307
Dual Band 2.3-2.5 & 5.25-5.85 Antenna 212—215
Dual Band Antennas 1304—1307
Dummy Loads 1431—1433
Duplexers, 800-1000 MHz 296—300
Duplexers, Low Band 282—283
Duplexers, UHF 292—296
Duplexers, VHF 283—292
Dust Pans 1662
Dusters 1697—1698

E

Earth Ground Tester Accessories 1464
Electrical Coatings 1704—1705
Electrical Switches 1732—1733
Electrical Tape 1741—1744
Electromagnetic Energy Sign 1646—1647
Elements for Bird Thruline Wattmeters 1428—1430
Elevated Feed Antennas, Mobile Cellular 1344—1346

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nators/ Cradles- Two Way Radios *1187—1188*
ical Waveguide *388—390*
ical Waveguide Accessories *392—393*
ical Waveguide Connectors *391—392*
ical Waveguide Flange Adapters *392*
Compliance Products
EME Alarms *1645*
EME Signs *1646—1647*
RF Protective Apparrel *1645—1646*
gency Lighting & Siren Products *1395—1396*
osures, Indoor/Outdoor
Indoor/Outdoor Enclosures *543—545*
ders, Decoders, and ANI Systems
ANI/Status Systems *1170*
Digital Coded Squelch *1169*
DTMF Decoders *1169*
Morse Code Identifiers *1170*
Paging Encoders, Receivers and Modems *1170*
Plug-In Encoders/Decoders *1169*
Shared Repeater Panels *1169—1170*
Sub-Audible CTCSS *1169*
leeves *634—636*
e Noise Filters *1715—1716*
vers Tool *1614—1616*
nced Ground Rods *576*
Panels *510—516*
Panels, Complete *510—516*
ment Racks
Racks *537—541*
Racks Accssories *541—543*
on 1228, R280/250
Batteries for Portable Phones *749*
Chargers, Desk Top, Travel *750*
Data Interfaces for Portable Phones *753*
Face Plates *750*
Hands Free Kits, Mics, Headsets *751*
Headsets *751—753*
Mounting Plates, Cradles, Holders *753*
Vehicle Power Adapters *749—750*
Waterproof Cases, Belt Clips *750—751*
on R300 Series
Cases for Portable Cellular Phones *754—755*
Face Plates *754*
Headsets *756*
Vehicle Power Adapters *753*
on T28
Batteries for Portable Phones *756—757*
Battery Conditioning Units *757*
Chargers, Desk Top, Travel *757—758*
Data Interfaces for Portable Phones *760*
Headsets *759—760*
Mounting Plates, Cradles, Holders *761*
Waterproof Cases, Belt Clips *758*
on T60
Batteries for Portable Phones *761*
Cases for Portable Cellular Phones *764*
Digital Organizers *766*
Face Plates *762—764*
Headsets *765—766*
Vehicle Power Adapters *762*
on T61
Batteries for Portable Phones *767*
Battery Conditioning Units *767*
Chargers, Desk Top, Travel *768*
Headsets *770—771*
Waterproof Cases, Belt Clips *769*
on T68
Batteries for Portable Phones *771*
Chargers, Desk Top, Travel *772*
Data Interfaces for Portable Phones *774—775*
Hands Free Kits, Mics, Headsets *773—774*
Mounting Plates, Cradles, Holders *775*
Vehicle Power Adapters *771—772*
eader *1476—1477*
et Hubs *671*
et Routers *669—671*
et Switches *671*
ermic Ground Connections
Ground Wire to Flat Plate or Bus Bar *582—584*
Ground Wire to Ground Rod *577—579*
Ground Wire to Ground Rod - Mini Mold *579*
Ground Wire to Ground Rod - One Shots *579—581*
Ground Wire to Ground Wire *581—582*
Ground Wire to Pipe *584—585*
Handles and Accessories *588—590*
T- Connections *585—586*
Weld Metal *587—588*
X- Connections *586—587*
Extension Cords, Outlet Strips *1662—1663*
Extensions for Mobile Phone Mounts *1388—1390*
Extraction/Insertion Tools *1606—1607*
Extractors, Fume *1661—1662*
Eye Protection *1630—1631*
Eyewear, Safety *1614—1616*

F

F Connectors *446—447*
F Type Jacks *657—658*
Face Plates *719—720, 726, 750, 754, 762—764, 785—786, 790, 799—800, 804, 808—809, 813, 838—839, 841, 844—845, 869—870, 896, 904, 915, 921—922, 926, 965, 1002—1003, 1008—1013, 1017—1020, 1024, 1027—1028, 1031—1038, 1060—1061, 1068—1069, 1080—1081, 1091—1092, 1098, 1115, 1117, 1132*
Faceplates and Platforms *658—659*
Fall Arrest Systems *1632—1641*
Family Radio Service *1162—1167*
Fasteners *1751—1756*
Fault Cable Testers *1448—1453*
Fax Line Protectors *642*
Feed Thrus, Wall/Roof *510—516*
Fender Covers *1614—1616*
Ferrites, Isolators, Circulators *330—333*
Ferrules *447—448*
Fiber Optic Cable and Components
Fiber Optic Cable Jumpers *655—657*
Fiber Optic Cables *654—655*
Fiber Optic Cable Jumpers *655—657*
Fiber Optic Cable Testers
Fiber Optic Inspectors and Certifiers *1457—1458*
Hand-Held Power Meters & Sources *1458—1460*
Optical Time Domain Reflectometers *1460—1461*
Fiber Optic Inspectors and Certifiers *1457—1458*
Fiber Optic Items *665—666*
Fiber Optic Tools and Accessories
Consumables Kits *1542*
Fiber Optic Installer Kits *1542*
Fiber Optic Strippers *1541—1542*
Kevlar Cutters *1542*
Field Strength Meters *1435*
Files *1565—1566*
Filtered Coax Protection *550*
Filters, Active *328—329*
Filters, Combiners, Duplexers, Ferrites
Active Filters *328—329*
Cavities, 800-1000 MHz *277—282*
Cavities, Lowband *263—264*
Cavities, UHF *272—277*
Cavities, VHF *264—272*
Combiners, 800-1000 MHz *311—319*
Combiners, UHF *304—311*
Combiners, VHF *300—304*
Duplexers, 800-1000 MHz *296—300*
Duplexers, Low Band *282—283*
Duplexers, UHF *292—296*
Duplexers, VHF *283—292*
Ferrites, Isolators, Circulators *330—333*
Matchers, Cross Band Couplers *333—334*
Multicouplers, 800-1000 MHz *324—328*
Multicouplers, UHF *321—324*
Multicouplers, VHF *319—321*
Site Monitors / Accessories *334—336*
Filters, Engine Noise *1715—1716*
First Aid Kits *1630*
Fish Tapes and Wire Installation *1600—1601*
Fist Grips *634—636*
Fixed Radio Mounting Brackets *1365—1366*
Flashers *1714—1715*
Flashlights *1654—1658*
Flat Blade Screwdrivers *1590—1592*
Flex Type Mounts *1387—1388*
Flexible Jumpers *449—451*
Flint Igniter *588—590*
Flood Ball *1318—1320*
Floor/Seat Covers *1662*
Floor/Worktop Mats, Static Control *1688—1690*
Flux & Flux Removers *1702—1703*
FME Adapters *428—435*
FME Connectors & Adapters *445—446*
Foam Tape *1741—1744*
Foam-Cable Connectors, 1/2 in. *409—413*
Foam-Cable Connectors, 1/4 & 3/8 in. *408—409*
Foam-Cable Connectors, 1-1/4 in. *418—420*

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Product Index

Foam-Cable Connectors, 1-5/8 in. *420—423*
Foam-Cable Connectors, 5/8 in. *413—414*
Foam-Cable Connectors, 7/8 in. *414—417*
Forceps *1596—1598*
Frame Relay Analyzers *1440—1443*
Frame Relay Multiplexer *669*
Free Space Optics
  Free Space Optics *691—692*
Free Standing Towers *627—629*
FreeTalk Radios *1162—1167*
Freeze Sprays *1703*
Frequency Counters
  Accessories *1490*
  Bench Top Frequency Counters *1489—1490*
  Handheld Frequency Counters *1488*
FRS Radios *1162—1167*
Fume Extractors , Absorbers *1661—1662*
Fuse Blocks *1734—1736*
Fuse Blocks/Panels *1718—1721*
Fuse Plugs-ATC *1718—1721*
Fuses, taps *1716—1718, 1718—1721, 1721—1723, 1723—1724*

G

Gain Antenna Only, Mobile Cellular *1336—1339*
Galvanizing Products *1709—1710*
Galvanizing spray *1709—1710*
Gas Capsule Coax Protection *548—549*
Gaskets, Mobile Antennas *1318—1320*
Generators, Gas Power *1522—1523*
GFCI Testers *1505—1506*
Glass Cleaner *1698—1702, 1703—1704*
Glass Mount Reinstall Kits *1352*
Glass Test Probes *1505*
Glass-Mounted Antennas, Mobile Cellular *1341—1343*
Gloves *1642—1643*
Gloves, RF Protective *1645—1646*
Glue Guns *1567—1568*
Glue Sticks *1567—1568*
Glues *1705—1707*
GMA Glass Fuses *1716*
GMRS Radios *1162—1167*
Goggles, Safety *1614—1616*
Gold Terminals *1734—1736*
Gooseneck Mounts *1387—1388*
GPS Antenna Wall Mounts *476—480*
GPS Antennas *1308—1314*
GPS Side Mounts *472—475*
Grid Display Materials *1154—1155*
Grommets *1750*
Ground Bars *560—566*
Ground Bars, Mounting Hardware *560—566*
Ground Bars, Rack Mounted *541—543*
Ground Connections, Exothermic *577—579, 579, 579—581, 581—582, 582—584, 584—585, 585—586, 586—587, 587—588*
Ground Enhancement Material *575—576*
Ground Inspection Well *566—574*
Ground Resistance Testers *1462—1464*
Ground Rod Clamp *566—574*
Ground Rods *575—576*
Ground Rods, Chemical *576*
Ground Strap *575*
Ground Wire *574—575*
Grounded Coax Protection *550*
Grounding and Power System Test Equipment
  Battery System Analyzers *1467*
  Earth Ground Tester Accessories *1464*
  Ground Resistance Testers *1462—1464*
  Insulation and Hi-Pot Testers *1464—1466*
  Power Line Analyzers *1466—1467*
Grounding Clamps *558—560*
Grounding Kits *457—460*
Grounding Kits, Tower *636*
Grounding Lug Crimpers *1545—1548*
Grounding Lugs *566—574*
Grounding Plate *566—574*
Grounding Systems
  Chemical Ground Rods *576*
  Ground Bars *560—566*
  Ground Rods *575—576*
  Ground Strap *575*
  Ground Wire *574—575*
  Lightning Conductors & Air Terminals *576—577*
  Lugs, Clamps and Accessories *566—574*
Groundplane Kit, Mobile Antennas *1318—1320*
GSM Phone Testers *1474—1476*
Guns, Glue *1567—1568*
Gutter Mounts *1360—1361*
Guy Wire and Materials *634—636*
Guy Wire Cutters *636—637, 1573—1574*
Guy-less Towers *627—629*

H

Hacksaws *1565—1566*
Hammerdrill, 1/2 *1515—1517*
Hammers *1601—1602*
Hand Cleaners *1702*
Hand Rail Antenna Mount *485—486*
Hand Tools
  1/4" Hex Drive Bits *1570—1573*
  Adjustable Pliers *1579—1581*
  Alignment Tools *1568*
  Battery Tools *1610—1611*
  Brushes *1612*
  Cable Prep Tools *1555—1562*
  Circuit Testers *1616—1617*
  Crimpers, Coaxial *1542—1545*
  Crimpers, Terminal Lug *1545—1548*
  Cutters, Large Cable *1578—1579*
  Cutters, Precision *1574—1577*
  Cutters, Standard *1577—1578*
  Fish Tapes and Wire Installation *1600—1601*
  Glue Guns *1567—1568*
  Hammers *1601—1602*
  Hex Driver Sets *1585—1589*
  Individual Flatblade Screwdrivers *1590—1592*
  Insertion/Extraction Tools *1606—1607*
  Interchangeable Blade Tools *1598—1599*
  Knives and Scrapers *1563—1565*
  Locking Forceps, Tweezers *1596—1598*
  Locks *1617*
  Magnetizer/Demagnetizer *1619*
  Measuring Tools *1599—1600*
  Modular Plug Crimpers *1548—1552*
  Multipurpose Tools *1562—1563*
  Nut Drivers *1594—1596*
  Phillips Screwdrivers *1593—1594*
  Pliers, Linemans' *1569—1570*
  Pliers, Standard (5" Plus) *1568—1569*
  Precision Cutters and Pliers *1573—1574*
  Punches and Chisels *1611—1612*
  Saws *1565—1566*
  Scissors *1570*
  Screwdriver Sets *1589—1590*
  Screwdrivers, Precision *1607—1610*
  Screwdrivers, Quick Change *1617—1619*
  Special Application Tools *1614—1616*
  Staple Guns and Staples *1566—1567*
  Torque Drivers *1602—1606*
  Torx Screwdrivers *1592—1593*
  Wire Strippers *1552—1555*
  Wire Wrap Tools *1612—1614*
  Wrenches *1581—1585*
Handheld Computers
  Accessories for Handheld Computers *1226—1227*
Handheld Oscilloscopes *1484—1485*
Hand-Held Power Meters & Sources *1458—1460*
Hand-held Vacuums *1521—1522*
Handle Clamps, Exothermic Grounding *588—590*
Hands Free, Carkits, and Headsets
  Headsets *1140—1147*
  Mobile Mounting/ Bagphone Equipment *1147—1148*
Hang Up Cups *1024, 1147—1148*
Hanger Blocks *524—526*
Hanger Kits *454—457*
Hard Hats *1614—1616, 1641—1642*
Hard Shell Grounding Kits *457—460*
Hardline *373—376, 376—379, 379—381, 381—383*
Hardware, Marine Antenna *1362—1363*
Hardware, Screws *1751—1756*
Harmonic Filters *330—333*
Harnesses *1632—1641*
Harnesses, Antenna *71*
Heads, Connector *425—426*
Headsets *721—722, 724—725, 727—728, 729—730, 737—739, 751—753, 756, 759—7*
  765—766, 770—771, 787—789, 796—798, 821—822, 825—827, 833, 836—8
  839—840, 842—843, 872—874, 876—877, 878—880, 887—889, 901—902, 9
  913, 941—943, 944—946, 947—948, 950—951, 954—956, 959—961, 962—9
  1000, 1015—1016, 1029—1030, 1055—1058, 1070, 1079—1080, 1085—10
  1090, 1095—1097, 1099—1100, 1102, 1107—1108, 1113, 1120—1121, 112
  1123, 1126, 1130—1131, 1135, 1140—1147

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dsets, Two-way Portable
Portable Two Way Radio Headsets *1198—1200*
PTT/VOX Adapters *1200*
ring and Inhalation Protection *1631—1632*
ring Protection *1614—1616*
t Shrink Guns *1738—1741*
t Shrink Tubing *1736—1738*
ax (tm) *373—376*
nostats *1596—1598*
Driver Sets *1585—1589*
Drivers *1585—1589*
Keys *1585—1589*
-Density Cable *654—655*
ged Base *626—627*
ged Tower Base *623—626*
Clip *721, 723, 737, 750—751, 758, 769, 787, 796, 824—825, 832—833, 836, 871, 878, 886, 900—901, 911, 937, 940—941, 944, 950, 954, 999—1000, 1054, 1079, 1085, 1089—1090, 1095, 1109, 1113, 1126, 1130, 1133, 1134—1135, 1149—1152*
ot & Insulation Testers *1464—1466*
ting Grips *460—461*
lers, Cellular Phones *753, 761, 775, 899, 914, 1001, 1006, 1016, 1043—1044, 1066—1067, 1071, 1097, 1112, 1390—1394*
Plugs, Mobile Antennas *1318—1320*
Saws and Antenna Hole Drills *1520—1521*
ded Cable Entries *510—516*
ds, Radio *596—603*
k And Loop Fasteners *1744—1745*
k and Web Straps *1632—1641*
kup Wire *1762—1764*
Alert Horns *1215*
Relays *1714—1715*
ns *1212—1215*
Clamps *526—530*
Air Guns *1738—1741*
Air Soldering Tips *1688*
Glue Guns *1567—1568*
Air Workstations *1670—1675*
671

Cleaner *1698—1702*
ridges *498—504*
inated Magnifiers *1658—1659*
dance Matching Volume Controls *1212—1215*
ilding Amplifiers, Repeaters
Cellular/Trunking Extenders *703—705*
Paging System Extenders *703*
Small Area Bi-Directional Amplifiers *706—707*
Wireless LAN Bi-Directional Amplifiers *707—708*
ilding Phone Systems
Base Stations, In-Building Phones *698—699*
Phone Sets and Accessories *699—700*
ilding Wireless LAN
In-Building Wireless LAN *677—683*
or/Outdoor Enclosures *543—545*
trial/OEM Power Supplies *606—607*
Gas Duster *1697—1698*
tion/Extraction Tools *1606—1607*
ts for Wall Plate/Boxes *657—658*
l Kits *1024, 1147—1148*
lation Electrical Supplies
AGC Style Fuses, Taps, Holders *1716—1718*
AGU Style Fuses *1723—1724*
Alligator Clips *1732*
ATC Style Fuses, Taps, Holders *1718—1721*
Auto Sound Hardware *1734—1736*
Battery Taps And Bolts *1731—1732*
Bullet Connectors *1724*
Butt Connectors *1729—1730*
Cigarette Lighter Plugs/ Sockets *1734*
Crimp Caps *1724*
Female Quick Slide Connectors *1725—1726*
GMA Glass Fuses *1716*
Heat Shrink Guns *1738—1741*
Heat Shrink Tubing *1736—1738*
Insulated Quick Slide, Male/Female *1728—1729*
Male Quick Slide Connectors *1724—1725*
Mini-ATM and Maxi-ATC Fuses *1721—1723*
Modular Telephone Connectors *1724*
Ring Terminals *1726—1728*
Spade/Fork Terminals *1728*
Splice Connectors and Disconnects *1730—1731*
Split Loom Tubing *1733—1734*
Switches *1732—1733*
Terminal Kits *1724*
Wire Connectors *1732*
Installation Hardware Supplies
Automobile Wiring Harnesses *1761—1762*
Cable Tie Tools *1749—1750*
Cable Ties *1745—1749*
Camouflage Screw Caps *1761*
Grommets *1750*
Hook And Loop Fasteners *1744—1745*
Machine Screws *1756—1759*
Metal Piercing Stingers *1756*
Nuts, HEX and Keep *1759—1760*
Nylon Cable Clamps and Clips *1750—1751*
Screws, Sheet Metal and TEK *1751—1756*
Tape, Electrical, and Cold Shrink *1741—1744*
Washers *1760—1761*
Wire Markers *1751*
Instant Glues *1705—1707*
Insulated Ground Bars *560—566*
Insulated Hangers *454—457*
Insulated Quick Slide, Male/Female *1728—1729*
Insulation and Hi-Pot Testers *1464—1466*
Intelligent Interfaces *722, 753, 760, 774—775, 803, 812, 820, 838, 843, 846, 874—875, 889—890, 919—920, 931—932, 935, 943, 956—957, 1026, 1058, 1075, 1114, 1116, 1119, 1126, 1131, 1137—1140, 1140*
Intercable Splices *423*
Interchangeable Blade Tools *1598—1599*
Interconnects *1201*
Interface Cables *722, 753, 760, 774—775, 803, 812, 820, 838, 843, 846, 874—875, 889—890, 919—920, 931—932, 935, 943, 956—957, 1026, 1058, 1075, 1114, 1116, 1119, 1126, 1131, 1137—1140, 1140*
Interfaces, Data, Portable Phones *722, 753, 760, 774—775, 803, 812, 820, 838, 843, 846, 874—875, 919—920, 931—932, 935, 943, 956—957, 1026, 1058, 1075, 1114, 1116, 1119, 1126, 1131, 1137—1140*
Intermodulation Panels *330—333*
Interseries Adapter Part Number Chart *428—435*
Interseries Adapters *428—435*
Inverters *617—618, 1216—1219*
ISM antennas, mobile *1314—1315*
ISM, Portable Antennas *1329—1330*
Isolated DC Voltage Converters *596*
Isolation Boxes *1479—1480*
Isolators *330—333*
Isopropyl Alcohol Cleaner *1698—1702*

J

Jewelers Screwdrivers *1589—1590*
Joint Bolt Kits *626—627*
Joint Bolt Kits, Tower *623—626*
Jumper Assemblies
Jumper Assemblies - Braided Coax *448—449*
Jumper Assemblies-Foam Cables *451—453*
Jumper Assemblies-Superflexible Cables *449—451*
Jumper Assemblies - Braided Coax *448—449*
Jumper Assemblies-Foam Cables *451—453*
Jumper Assemblies-Superflexible Cables *449—451*
Jumpers, Fiber Optic Cable *655—657*
Jumpers, Mobile Antennas *1322—1323*
Jumpers, Twist-Flex *391*
Jumpers, Waveguide *391*
Junctions *68—71*

K

Keyboard Cleaner *1698—1702*
Keys, Drill Chuck *1517—1518*
Kits, Tool *1523—1531*
Knife, Skinning *1563—1565*
Knives and Scrapers *1563—1565*
Knives, Utility *1563—1565*
Kyocera 1135 *1820—1822*
Batteries for Portable Phones *785*
Cases for Portable Cellular Phones *786—787*
Chargers, Desk Top, Travel *786*
Face Plates *785—786*
Hands Free Kits, Mics, Headsets *787*
Headsets *787—789*
Vehicle Power Adapters *785*
Waterproof Cases, Belt Clips *787*
Kyocera 1155
Batteries for Portable Phones *789*
Cases for Portable Cellular Phones *790—791*
Face Plates *790*
Hands Free Kits, Mics, Headsets *791*
Portable Cellular Phone Accessory Kit *793*
Kyocera 2135 *1814—1815*

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Product Index

Batteries for Portable Phones *793*
Chargers, Desk Top, Travel *795*
External Antenna Kits for Portables *798*
Headsets *796—798*
Kyocera Phone Parts *794*
Retractable/Replacement Antennas *798*
Waterproof Cases, Belt Clips *796*
Kyocera 2235 *1812—1813*
Batteries for Portable Phones *799*
Cases for Portable Cellular Phones *800*
Data Interfaces for Portable Phones *803*
Face Plates *799—800*
Hands Free Kits, Mics, Headsets *801*
Portable Cellular Phone Accessory Kit *802*
Kyocera 2255 *1810—1811*
Batteries for Portable Phones *803*
Cases for Portable Cellular Phones *805*
Face Plates *804*
Hands Free Kits, Mics, Headsets *805—806*
Portable Cellular Phone Accessory Kit *807*
Kyocera 2325 *1808—1810*
Batteries for Portable Phones *807—808*
Cases for Portable Cellular Phones *809*
Face Plates *808—809*
Hands Free Kits, Mics, Headsets *810*
Retractable/Replacement Antennas *810*
Kyocera 2345 *1807—1808*
Batteries for Portable Phones *810—811*
Chargers, Desk Top, Travel *811*
Data Interfaces for Portable Phones *812*
Hands Free Kits, Mics, Headsets *812*
Kyocera 5135
Batteries for Portable Phones *813*
Cases for Portable Cellular Phones *813—814*
Face Plates *813*
Hands Free Kits, Mics, Headsets *814*
Portable Cellular Phone Accessory Kit *816*
Kyocera 6035 SmartPhone
Batteries for Portable Phones *816*
Cases for Portable Cellular Phones *817*
Data Interfaces for Portable Phones *820*
Hands Free Kits, Mics, Headsets *817—818*
Portable Cellular Phone Accessory Kit *820*
Vehicle Power Adapters *816—817*
Kyocera 7135
Batteries for Portable Phones *820*
Cases for Portable Cellular Phones *821*
Headsets *821—822*
Kyocera Phone Parts *794*
Kyocera 1135 *1820—1822*
Kyocera 2135 *1814—1815*
Kyocera 2235 *1812—1813*
Kyocera 2255 *1810—1811*
Kyocera 2325 *1808—1810*
Kyocera 2345 *1807—1808*
Kyocera QCP 1960 *1818—1820*
Kyocera QCP 2035 *1816—1818*
Kyocera QCP 2760 *1805—1806*
Kyocera QCP 3035 *1803—1804*
Kyocera QCP 6035 *1801—1802*
Kyocera QCP 860 *1822—1824*
Kyocera QCP 1960 *1818—1820*
Kyocera QCP 2035 *1816—1818*
Kyocera QCP 2760 *1805—1806*
Kyocera QCP 3035 *1803—1804*
Kyocera QCP 6035 *1801—1802*
Kyocera QCP 860 *1822—1824*
Kyocera QCP3035
Batteries for Portable Phones *823*
Chargers, Desk Top, Travel *824*
Headsets *825—827*
Retractable/Replacement Antennas *827*
Vehicle Power Adapters *823—824*
Waterproof Cases, Belt Clips *824—825*

L

Label Remover *1698—1702*
Lace-Up Hoisting Grips *460—461*
Ladder Tray *504—508*
Ladders, Vertical Cable/Waveguide *508—510*
Lamp Cord *1762—1764*
LAN Qualification Testers *1448—1453*
LAN/Cable Qualification Testers *1448—1453*
LAN/WAN, ATM, Frame Relay Analyzers *1440—1443*
Lanyards *1632—1641*
Laser Power Meters *1458—1460*
Laser Range Finders *1628*
L-brackets *1320—1321*
LCD Bonders *1479—1480*
Leaky Coax *386—388*
Leatherman Multipurpose Tools *1562—1563*
Level *636—637*
LG InfoComm 4400
Batteries for Portable Phones *827—832*
Cases for Portable Cellular Phones *832*
Chargers, Desk Top, Travel *832*
Hands Free Kits, Mics, Headsets *833*
Headsets *833*
Retractable/Replacement Antennas *833*
Vehicle Power Adapters *832*
Waterproof Cases, Belt Clips *832—833*
LG InfoComm 4NE1
Batteries for Portable Phones *833*
Cases for Portable Cellular Phones *833—834*
LG InfoComm DM-510
Batteries for Portable Phones *834*
Chargers, Desk Top, Travel *835*
Data Interfaces for Portable Phones *838*
Headsets *836—838*
Vehicle Power Adapters *835*
Waterproof Cases, Belt Clips *836*
LG InfoComm TP-5350
Batteries for Portable Phones *838*
Cases for Portable Cellular Phones *839*
Face Plates *838—839*
Headsets *839—840*
LG InfoComm VX-1
Batteries for Portable Phones *841*
Cases for Portable Cellular Phones *841—842*
Data Interfaces for Portable Phones *843*
Face Plates *841*
Headsets *842—843*
LG InfoComm VX-2000
Batteries for Portable Phones *844*
Data Interfaces for Portable Phones *846*
Face Plates *844—845*
Hands Free Kits, Mics, Headsets *845*
Licensed
Point to Point-Licensed *696—697*
Lifelines *1632—1641*
Lift And Lay Mounts *1362—1363*
Light Bars *1395—1396*
Light Bars and Sirens
Emergency Lighting & Siren Products *1395—1396*
Lightning Conductors & Air Terminals *576—577*
Lightning Protection, Auxiliary Equipment *558—560*
Lightning Protectors and Air Terminals
AC Panel Surge Suppressors *553—554*
AC Power Protection *554*
Auxiliary Equipment, Accessories *558—560*
Coax Protection, Combiner *549—550*
Coax Protection, Filtered & Grounded *550*
Coax Protection, General Coverage *546—548*
Coax Protection, NEMP *549*
Coax Protection, Repl. Gas Capsule *548—549*
DC Power Protection *555*
Microwave Protection *551—553*
Phone, Data, Twisted Pair Protection *555—558*
Rack Mount AC Protection *554—555*
Satellite Protection *553*
Strike Counters *558*
Tower Top Amplifier Protection *550—551*
Lightning Rods *576—577*
Lightning Strike Counters *558*
Lights *1654—1658*
Lights, Tower *636*
Line Conditioners *642*
Line Testers *1446—1448*
Line Testers, Telephone/LAN *1455—1457*
Lineman'sTestSets' *1453—1455*
Liners, RF Portective Glove *1645—1646*
LMR Jumpers *448—449*
LMRS Radios *1167—1168*
Loads, Attenuators, and Signal Samplers
Dry RF Load Resistors *1431—1433*
Field Strength Meters *1435*
Oil Filled RF Load Resistors *1433*
RF Attenuators *1433—1435*
RF Signal Samplers *1431*
Locking Forceps, Tweezers *1596—1598*
Locking Pliers *1579—1581*

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s 1617
Probes 1505—1506
Nose Pliers 1579—1581
Loss Cable 396
Profile Antennas, Mobile Cellular 1349—1352
cants 1704
Crimpers 1545—1548
ge Carts 1540—1541
Clamps and Accessories 566—574

ine Screws 1756—1759
ites 1654—1658
etic Mount Antennas, Mobile Cellular 1340—1341
etic Tool Holders 1611—1612
ifiers, Illuminated 1658—1659
ts 1601—1602
gers, Network 669—671
als, Phone Programming 1477
e Antennas, Mobile Cellular 1349—1352
e Fiberglass Mast Extensions 1362—1363
e Mounting Hardware 1362—1363
496—497
Cleaner 1698—1702
hers, Cross Band Couplers 333—334
Rooftop 480—485, 504—508
Static Protection 1688—1690
ATC Fuses 1721—1723
uring Tools 1599—1600
phones, Sirens 1215
ers 1462—1464
handising Displays, Countertop 1155—1156
handising Displays, Grid 1154—1155
handising Displays, Slatwall 1152—1154
Networks
Wireless Mesh Networks 675—676
Framing 533—537
Movements 1426
rs, Analog Multimeters 1499—1500
rs, Capacitance 1504
rs, Clamp-On Multimeters 1500—1503
rs, Digital Multimeters 1491—1499
rs, Field Strength 1435
rs, LCR 1504
rs, Millivolt 1479
rs, Power 1421—1424
rs, Power, Fiber Optic 1458—1460
rs, Replacement 1426
rs, SINAD 1478—1479
rs, SWR 1419—1420
rs, Temperature 1505
phones
Desk Microphones 1171
Dispatch "Gooseneck" Microphones 1171—1172
Microphone Accessories 1174
Microphones/ Speaker Microphones 1172—1174
Mobile Microphones 1171
phones/ Speaker Microphones 1172—1174
oscopes 1659—1661
wave Personal Alarm 1645
wave Protection 551—553
olters 1479
BDA 706—707
Mold Exothermic Connections 579
UHF Connectors 442—443
ATM and Maxi-ATC Fuses 1721—1723
UHF Adapters 428—435
r Mount Brackets 1320—1321, 1360—1361
r, Inspection 1614—1616
X Connectors 447
e Antenna Parts 1318—1320
e Microphones 1171
e Mounting Adapters 1316—1317
e Mounting/ Bagphone Equipment 1024, 1147—1148
e Phone Test Sets
Cellular Testers 1476—1477
Digital & Cellular Mobile Phone Test Sets 1474—1476
Phone Programming Manuals 1477
e RF Amplifiers
RF Power Amp, 800 MHz 1216
RF Power Amp, Lowband 1216
RF Power Amp, UHF 1216
RF Power Amp, VHF 1216
lar and Cat 5 Connectors 660
lar Connector Crimpers 1548—1552
Modular Plug Crimpers 1548—1552
Modular Workstations 1649—1650
Mold Handles 588—590
Monitor Antennas 1302—1304
Monitor/Scanner Antennas 67
Monopole Antenna Mounts 468—472
Morse Code Identifiers 1170
Motorola 120 Series
Batteries for Portable Phones 869
Cases for Portable Cellular Phones 871
Cellular Antenna Couplers 875
Chargers, Desk Top, Travel 870—871
Data Interfaces for Portable Phones 874—875
External Antenna Kits for Portables 875
Face Plates 869—870
Hands Free Kits, Mics, Headsets 871—872
Headsets 872—874
Portable Cellular Phone Accessory Kit 874
Retractable/Replacement Antennas 874
Vehicle Power Adapters 869
Waterproof Cases, Belt Clips 871
Motorola C331t
Batteries for Portable Phones 875
Chargers, Desk Top, Travel 875—876
Headsets 876—877
Motorola C332g
Headsets 878—880
Vehicle Power Adapters 878
Waterproof Cases, Belt Clips 878
Motorola i30sx
Batteries for Portable Phones 936
Chargers, Desk Top, Travel 936
Waterproof Cases, Belt Clips 937
Motorola i50sx
Batteries for Portable Phones 938—939
Chargers, Desk Top, Travel 940
Data Interfaces for Portable Phones 943
Headsets 941—943
Vehicle Power Adapters 939—940
Waterproof Cases, Belt Clips 940—941
Motorola i55sr
Batteries for Portable Phones 943
Headsets 944—946
Vehicle Power Adapters 944
Waterproof Cases, Belt Clips 944
Motorola i60
Batteries for Portable Phones 946
Cases for Portable Cellular Phones 947
Headsets 947—948
Vehicle Power Adapters 946—947
Motorola i80s
Batteries for Portable Phones 949
Chargers, Desk Top, Travel 949
Digital Organizers 952
Headsets 950—951
Waterproof Cases, Belt Clips 950
Motorola i85s
Batteries for Portable Phones 952—953
Chargers, Desk Top, Travel 953
Data Interfaces for Portable Phones 956—957
Headsets 954—956
Waterproof Cases, Belt Clips 954
Motorola i90
Batteries for Portable Phones 957
Cases for Portable Cellular Phones 958—959
Digital Organizers 961
Headsets 959—961
Vehicle Power Adapters 958
Motorola i95cl
Batteries for Portable Phones 961
Chargers, Desk Top, Travel 962
Headsets 962—964
Motorola iDEN i1000
Batteries for Portable Phones 964—965
Cases for Portable Cellular Phones 966
Cellular Antenna Couplers 969
Face Plates 965
Hands Free Kits, Mics, Headsets 967
Portable Cellular Phone Accessory Kit 969
Motorola L7082, L7089, P7382, P7389
Batteries for Portable Phones 880
Cases for Portable Cellular Phones 881
Hands Free Kits, Mics, Headsets 881—882
Portable Cellular Phone Accessory Kit 884
Vehicle Power Adapters 880—881
Motorola StarTac

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Product Index

Batteries for Portable Phones 884—885
Battery Conditioning Units 885
Cellular Modems 889—890
Chargers, Desk Top, Travel 885—886
External Antenna Kits for Portables 890
Headsets 887—889
Retractable/Replacement Antennas 889
Waterproof Cases, Belt Clips 886
Motorola T193
Batteries for Portable Phones 890—891
Chargers, Desk Top, Travel 892
External Antenna Kits for Portables 895
Hands Free Kits, Mics, Headsets 893
Portable Cellular Phone Accessory Kit 895
Vehicle Power Adapters 891
Motorola T2200 Series
Batteries for Portable Phones 895
Cases for Portable Cellular Phones 897
Face Plates 896
Hands Free Kits, Mics, Headsets 897
Mounting Plates, Cradles, Holders 899
Motorola T720
Batteries for Portable Phones 899—900
Headsets 901—902
Vehicle Power Adapters 900
Waterproof Cases, Belt Clips 900—901
Motorola Timeport 270c
Batteries for Portable Phones 903
Cases for Portable Cellular Phones 905
External Antenna Kits for Portables 909
Face Plates 904
Hands Free Kits, Mics, Headsets 905—906
Portable Cellular Phone Accessory Kit 908
Motorola Timeport 280
Batteries for Portable Phones 909
Chargers, Desk Top, Travel 910—911
Headsets 912—913
Mounting Plates, Cradles, Holders 914
Vehicle Power Adapters 909—910
Waterproof Cases, Belt Clips 911
Motorola V.60 Series
Batteries for Portable Phones 914—915
Cases for Portable Cellular Phones 916
Cellular Antenna Couplers 920
Data Interfaces for Portable Phones 919—920
Face Plates 915
Hands Free Kits, Mics, Headsets 916—917
Portable Cellular Phone Accessory Kit 919
Motorola V2200, V2300 Series
Batteries for Portable Phones 920
Cases for Portable Cellular Phones 923
Cellular Antenna Couplers 925
Face Plates 921—922
Hands Free Kits, Mics, Headsets 923
Portable Cellular Phone Accessory Kit 925
Motorola V60i
Batteries for Portable Phones 926
Cases for Portable Cellular Phones 927
Face Plates 926
Hands Free Kits, Mics, Headsets 927—928
Motorola V66
Batteries for Portable Phones 929
Chargers, Desk Top, Travel 930
Data Interfaces for Portable Phones 931—932
Hands Free Kits, Mics, Headsets 930—931
Vehicle Power Adapters 929—930
Motorola V70
Batteries for Portable Phones 932
Chargers, Desk Top, Travel 933
Data Interfaces for Portable Phones 935
Hands Free Kits, Mics, Headsets 933—934
Vehicle Power Adapters 932
Mounting Plates, Cradles, Holders 753, 761, 775, 899, 914, 1001, 1006, 1016, 1043—1044, 1066—1067, 1071, 1097, 1112, 1390—1394
Mounts and Clamp Sets 486—493
Mounts, Base Antenna
Downtilt Brackets 475—476
Mounts and Clamp Sets 486—493
Mounts, Pole 468—472
Mounts, Rooftop 480—485
Mounts, Wall 476—480
Mounts, Water Tower 485—486
Pipe and Antenna Mast 496—497
Pipe Mount Kits and Adapters 493—496
Side Mount Kits 472—475
Tower Frames 466—468
Mounts, Flexible 1387—1388
Mounts, Gooseneck 1387—1388
Mounts, Mobile Antenna
5/16" x 24 Stud Type, Magnetic 1361
5/16" x 24 Stud Type, Permanent Hole 1361
5/16" x 24 Stud Type, Trunk Lip 1361—1362
Antenna Specialists Non Motorola Type 1362
Larsen PO, NLA, BNC Style 1362
Marine Mounting Hardware 1362—1363
Motorola Style, Magnetic 1357—1359
Motorola Style, Mirror, Gutter 1360—1361
Motorola Style, Permanent Hole 1354—1357
Motorola Style, Trunk Lip 1359—1360
Mounts, Pedestal 1384—1387
Mounts, Pole 468—472
Mounts, Rooftop 480—485
Mounts, Slide 1364—1365
Mounts, Solar Module 615—616
Mounts, Wall 476—480
Mounts, Water Tower 485—486
Movements, Wattmeter 1426
Multicouplers, 800-1000 MHz 324—328
Multicouplers, UHF 321—324
Multicouplers, VHF 319—321
Multimeters and Capacitance Meters
Analog Multimeters 1499—1500
Benchtop Digital Multimeters 1503—1504
Capacitance and LCR Meters 1504
Capacitance Probes, Glass Testers 1505
Cases for Meters 1508—1509
Clamp-On Multimeters 1500—1503
Data Logging Equipment 1505
Digital Multimeters 1491—1499
Probes and Accessories 1505—1506
Temperature Meters and Accessories 1505
Test Leads for Multimeters 1506—1508
Multipurpose Tools 1562—1563

N

N Female Adapters 428—435
N Female Connector 436—438
N Male Adapters 428—435
N Male Connector 436—438
NavTraK Vehicle Location 1228
Needle Nose Pliers 1579—1581
NEMA Enclosures 543—545
NEMP Coax Protection 549
Network Analyzers 1415—1416
Network Analyzers, xDSL & ISDN 1443—1444
Network Cables
Cat 5 Cables 649—651
Multiconductor Cables 653—654
Telephone Cable 651—652
Twisted Pair Cables 652—653
Network Inspectors 1444—1445
Network Interfaces
Hubs 671
Multiplexers 669
Rate and Interface Converters 671
Routers 669—671
Switches 671
Network Protocol Analyzer 1436—1440
Network Protocol Analyzers 1440—1443, 1444—1445
Network Traffic Analyzer 1436—1440
Network Traffic Analyzers 1440—1443, 1443—1444, 1444—1445
NiCd Batteries 1765—1766
Nippers 1573—1574
NLOS 675—676
No Ground Antennas, Mobile Cellular 1349—1352
Noise Supression Filters 1715—1716
Nokia 1260
Batteries for Portable Phones 998
Cases for Portable Cellular Phones 999
Chargers, Desk Top, Travel 998—999
Hands Free Kits, Mics, Headsets 1000
Headsets 1000
Mounting Plates, Cradles, Holders 1001
Portable Cellular Phone Accessory Kit 1000—1001
Vehicle Power Adapters 998
Waterproof Cases, Belt Clips 999—1000
Nokia 3280, 3285
Batteries for Portable Phones 1001—1002
Cases for Portable Cellular Phones 1003
Cellular Antenna Couplers 1007
Face Plates 1002—1003

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Hands Free Kits, Mics, Headsets *1004*
Mounting Plates, Cradles, Holders *1006*
Portable Cellular Phone Accessory Kit *1006*
a 3360
Batteries for Portable Phones *1007*
Cases for Portable Cellular Phones *1013—1015*
Face Plates *1008—1013*
Headsets *1015—1016*
Mounting Plates, Cradles, Holders *1016*
a 3390
Batteries for Portable Phones *1017*
Cases for Portable Cellular Phones *1021*
Face Plates *1017—1020*
Hands Free Kits, Mics, Headsets *1021—1022*
Portable Cellular Phone Accessory Kit *1023*
a 3585
Batteries for Portable Phones *1023—1024*
Cases for Portable Cellular Phones *1025*
Data Interfaces for Portable Phones *1026*
Face Plates *1024*
Hands Free Kits, Mics, Headsets *1025*
Mobile Mounting/ Bagphone Equipment *1024*
a 3590
Batteries for Portable Phones *1026*
Cases for Portable Cellular Phones *1028—1029*
Face Plates *1027—1028*
Headsets *1029—1030*
a 5100 Series
Batteries for Portable Phones *1030*
Cases for Portable Cellular Phones *1038—1039*
Cellular Antenna Couplers *1044—1045*
Face Plates *1031—1038*
Hands Free Kits, Mics, Headsets *1039—1040*
Mounting Plates, Cradles, Holders *1043—1044*
Portable Cellular Phone Accessory Kit *1043*
Vehicle Power Adapters *1031*
a 5125, 5165
Batteries for Portable Phones *1045—1046*
Battery Conditioning Units *1046*
Chargers, Desk Top, Travel *1053*
Data Interfaces for Portable Phones *1058*
External Antenna Kits for Portables *1058—1059*
Headsets *1055—1058*
Waterproof Cases, Belt Clips *1054*
a 6100 Series
Batteries for Portable Phones *1059*
Cases for Portable Cellular Phones *1062*
Cellular Antenna Couplers *1067*
Face Plates *1060—1061*
Hands Free Kits, Mics, Headsets *1062—1063*
Mounting Plates, Cradles, Holders *1066—1067*
Portable Cellular Phone Accessory Kit *1066*
Vehicle Power Adapters *1060*
a 6310
Batteries for Portable Phones *1068*
Cases for Portable Cellular Phones *1069*
Face Plates *1068—1069*
Headsets *1070*
Mounting Plates, Cradles, Holders *1071*
a 6360
Batteries for Portable Phones *1071*
Chargers, Desk Top, Travel *1072—1073*
Data Interfaces for Portable Phones *1075*
External Antenna Kits for Portables *1075*
Hands Free Kits, Mics, Headsets *1074*
Vehicle Power Adapters *1071—1072*
a 6500 Series
Batteries for Portable Phones *1076*
Chargers, Desk Top, Travel *1077—1078*
Headsets *1079—1080*
Vehicle Power Adapters *1076—1077*
Waterproof Cases, Belt Clips *1079*
a 7210
Batteries for Portable Phones *1080*
Cases for Portable Cellular Phones *1081—1082*
Face Plates *1080—1081*
a 8260
Batteries for Portable Phones *1082—1083*
Chargers, Desk Top, Travel *1084*
Headsets *1085—1086*
Vehicle Power Adapters *1083*
Waterproof Cases, Belt Clips *1085*
a 8265
Batteries for Portable Phones *1087*
Chargers, Desk Top, Travel *1088—1089*
Headsets *1090*
Vehicle Power Adapters *1087—1088*
Waterproof Cases, Belt Clips *1089—1090*
Nokia 8270
Cases for Portable Cellular Phones *1092*
Face Plates *1091—1092*
Vehicle Power Adapters *1090—1091*
Nokia 8290
Batteries for Portable Phones *1092—1093*
Chargers, Desk Top, Travel *1094—1095*
Headsets *1095—1097*
Mounting Plates, Cradles, Holders *1097*
Vehicle Power Adapters *1093*
Waterproof Cases, Belt Clips *1095*
Nokia 8310, 8390
Batteries for Portable Phones *1097*
Cases for Portable Cellular Phones *1099*
Face Plates *1098*
Headsets *1099—1100*
Nokia 9290
Batteries for Portable Phones *1100—1101*
Cases for Portable Cellular Phones *1101—1102*
Headsets *1102*
Vehicle Power Adapters *1101*
Non Line of Sight *675—676*
Nut Drivers *1594—1596*
Nutdriver Bits *1570—1573*
Nu-TRAC Cable *386—388*
Nuts, HEX and Keep *1759—1760*
Nylon Cable Clamps and Clips *1750—1751*

O

OEM Merchandising Displays, Countertop *1155—1156*
Offset Screwdrivers *1589—1590*
Oil Filled RF Load Resistors *1433*
Oil Loads *1433*
On/Off Switch, 2 way radio *1221—1222*
One Shots Ground Connections *579—581*
On-Glass Antenna Removal Tool *1352*
Open End Wrenches *1581—1585*
Optical Time Domain Reflectometers *1460—1461*
Optics *1628—1629*
Organizers/PDAs *766, 952, 961, 1131, 1136, 1140*
O-Rings *1318—1320*
Oscilloscopes
Analog Oscilloscopes *1481—1482*
Digital Oscilloscopes *1482—1483*
Digital Phosphor Oscilloscopes *1485—1486*
Handheld Oscilloscopes *1484—1485*
Oscilloscope Accessories *1486*
Oscilloscope Probes *1485*
Outdoor Instruments
Compasses *1629*
GPS and Navigation Aids *1625—1628*
Laser Range Finders *1628*
Optics *1628—1629*
Outlet Strips & Extension Cords *1662—1663*

P

PA Amplifiers *1211—1212*
PA Horns *1212—1215*
Padlocks *1617*
Pager Batteries *1765—1766*
Pager Test Equipment *1479—1480*
Pager Test Equipment Packages *1479*
Paging Encoders, Receivers and Modems *1170*
Paging System Extenders *703*
Paging Test Equipment
Pager Test Equipment *1479—1480*
Pager Test Equipment Packages *1479*
Paint, Tower *636—637*
Painting Mitt *636—637*
Paints *1710*
Parts Bins *1664—1665*
Passive Repeater Antennas, Mobile Cellular *1343—1344*
Patch Cords *665, 1734—1736*
Patch Panels *664—665*
PCMCIA Modems *889—890, 1140*
PCS and Dual Band Cellular Antennas *1331—1335*
PCS Phone Testers *1474—1476*
PCS, Fiberglass Antennas *156—160*
PCS, Panel Antennas *160—178*
PDAs-Personal Digital Assistant *766, 952, 961, 1131, 1136, 1140*
Pedestal Mounts *1384—1387*
Penetrator Downtilt Cables *68*

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Product Index

Penetrator, UHF *44—53*
Penetrox *566—574*
Pens, Cleaner *1698—1702*
Personal BDA *706—707*
Personal Digital Assistant *766, 952, 961, 1131, 1136, 1140*
PF Protection *1645*
Phasing Harnesses *71*
Phillips Screwdrivers *1593—1594*
Phone and Fax Line Surge Protection *642—643*
Phone Cord *1724*
Phone Line Protectors *642*
Phone Mount Extensions *1388—1390*
Phone Mounts, Vehicle-Specific *1373—1384*
Phone Patch *1201*
Phone Plugs *1724*
Phone Programming Manuals *1477*
Phone Systems, In-Building Wireless *698—699*
Phone Test Equipment *1446—1448, 1455—1457*
Phone, Data, Twisted Pair Protection *555—558*
PhoneTestEquipment *1453—1455*
Photovoltaic Arrays *614—615*
Photovoltaic Systems *613—614*
Picks, Dental Probes *1614—1616*
Pier Pins *633—634*
Piezo Horn *1215*
Pin Inserters & Extractors *1606—1607*
Pin Switches *1222—1224*
Pipe *496—497*
Pipe and Antenna Mast *496—497*
Pipe Frames *466—468*
Pipe Heads *498—504*
Pipe Mount Kits and Adapters *493—496*
Pipe Mounts *493—496*
Pipe to Pipe Clamps *486—493*
PL-258 Connectors *438—439*
PL-259 Connectors *438—439*
Plain Pipe *496—497*
Plastic Cleaner *1698—1702*
Platforms, Co-location *468—472*
Pliers *1573—1574*
Pliers, Adjustable *1579—1581*
Plug, Hole for Mobile Antennas *1318—1320*
Plumb And Level *636—637*
Polarity Tester *1616—1617*
Polishing Bar, Solder Tip *1677—1678*
Portable Cellular Phone Accessory Kit *734, 793, 802, 807, 816, 820, 874, 884, 895, 908, 919, 925, 969, 1000—1001, 1006, 1023, 1043, 1066*
Portable Phone External Antenna Kit *722, 728, 739, 798, 875, 890, 895, 909, 1058—1059, 1075, 1346—1347*
Portable Radio Headsets *1198—1200*
Portable Two Way Radio Headsets *1198—1200*
Posidrive Screwdrivers *1593—1594*
Positive to Negative Ground Converter *1221*
Power Converters, Solar *617—618*
Power Distribution Block *595—596*
Power Distribution Panels *595—596*
Power Dividers *68—71*
Power Drills *1515—1517*
Power Generator Systems, Solar *613—614*
Power Generators
  Gas Power Generators *1522—1523*
Power Line Analyzers *1466—1467*
Power Meters & Sources, Optical, Hand-Held *1458—1460*
Power Meters & Wattmeters
  Accessories *1426*
  Digital Wattmeters *1425—1426*
  Elements for Bird Thruline Wattmeters *1428—1430*
  Power Meters *1421—1424*
  Quick Change Connectors *1430—1431*
  RF Directional Wattmeters *1424—1425*
Power Protection, AC *554*
Power Protection, DC *555*
Power Saws *1522*
Power Splitters, Power Dividers *68—71*
Power Strips & Extension Cords *1662—1663*
Power Strips, Rack Mounted *541—543*
Power Supplies, Industrial/OEM *606—607*
Power Supplies, Meters *591—593, 593—594*
Power Supplies, Modules *593—594*
Power Supplies, Rack Mounted *591—593, 593—594*
  Power Distribution Panels *595—596*
  Power Supplies with Battery Backup *594—595*
  Rack Mounted Power Supplies with Meters *593—594*
  Rack Mounted Power Supply without Meters *591—593*
  Rack Mtd Isolated DC Voltage Converters *596*
Power Supplies, Radios *596—603*
Power Supplies, Redundant *591—593, 593—594*
Power Supplies, Switching *591—593, 593—594, 596—603*
Power Supplies, Table Top
  Industrial/OEM Power Supplies *606—607*
  Power Supply w/Cigarette Lighter Rec. *604—605*
  Table Top Models with Meters *605*
  Table Top Models with Speakers *603—604*
  Table Top Power Supplies *596—603*
  Variable Voltage and Amperage models *605—606*
Power Supplies, Table Top w/ meters *605*
Power Supplies, Table Top with speakers *603—604*
Power Systems, Solar *613—614*
Power Tools
  Cordless Drills *1514—1515*
  Drill and Driver Accessories *1517—1518*
  Drill Bits *1518—1520*
  Hole Saws and Antenna Hole Drills *1520—1521*
  Power Drills *1515—1517*
  Power Saws *1522*
  Shop Vacuums *1521—1522*
Power, Wind *613—614*
Precision Cutters and Pliers *1573—1574*
Precision Screwdrivers *1589—1590*
Pre-Laced Hoisting Grips *460—461*
Premise Wiring Supplies
  110 Connecting Blocks and Accessories *660—661*
  Cable Management *661—662*
  Faceplates and Platforms *658—659*
  Fiber Optic Items *665—666*
  Inserts for Wall Plate/Boxes *657—658*
  Modular and Cat 5 Connectors *660*
  Patch Cords *665*
  Patch Panels *664—665*
  Raceway and Accessories *662—664*
  Surface Mount Platforms / Backboxes *659—660*
Primary Wire *1762—1764*
Probes and Accessories *1505—1506*
Probes, Capacitance *1505*
Probes, Multimeter *1505—1506*
Probes, Oscilloscope *1485*
Prom Extrators *1606—1607*
Propane Torch Head *588—590*
ProTalk Radios *1162—1167*
Protective Equipment Cases *1537—1539*
PTT/VOX Adapters *1200*
Public Address Amplifiers *1211—1212*
Pumps, Soldering *1677—1678*
Punches and Chisels *1611—1612*
Punches, Center *1611—1612*
Push-On Connectors *439—441*
PV Arrays *614—615*

Q

Quarterwave Antenna Only, Mobile Cellular *1335—1336*
Quick Change Connectors *1430—1431*
Quick Slide Connectors *1724—1725*
Quick-Disconnect TNC Connector *439—441*

R

Raceway and Accessories *662—664*
Rack Mount AC Protection *554—555*
Rack Shelves for Solar Battery Systems *618*
Rack-Mount AC Power Protection *554—555*
Racks *537—541*
Racks Accssories *541—543*
Radiating Cable *386—388*
Radiators *1321—1322*
Radio Hoods *596—603*
Radio Removal Tools *1614—1616*
Radio Stacking Trays *1366—1368*
Radio Telephone Interface *1201*
Radios, Two Way
  Radios-LMRS *1167—1168*
  Radios-Personal Communications *1162—1167*
Radios-LMRS *1167—1168*
Radios-Personal Communications *1162—1167*
Radome Covers *238—240*
Railroad Multimeters *1499—1500*
Rain Caps *1318—1320*
Range Finders, Laser *1628*
Rasp *588—590*
Ratchet Mounts *1362—1363*
Ratcheting Screwdrivers *1589—1590*
Ratchets *1581—1585*

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- and Interface Converters 671
- Patch Cords 1734—1736
- mer 1598—1599
- ttachment Kits, Connector 425—426
- eiver Alignment Instruments
  - Millivolters 1479
  - SINAD Meters 1478—1479
- hargable Soldering Irons 1668—1670
- procating Saw 1522
- ycling Program, Battery 1148—1149
- ective Safety Products 1644—1645
- stallation Kits, Glass Mounts 1352
- y Harnesses 1714—1715
- y Racks 537—541
- ys and Auto-Electrical Accessories
  - DC Power Stabilizers/Protectors 1716
  - Engine Noise Filters 1715—1716
  - Horn Relays 1714—1715
- eater Antennas, Passive, Mobile Cellular 1343—1344
- eater Controllers 1201
- eater Panels 1169—1170
- acement Parts, Tower lights 636
- acement Whips, Mobile Cellular 1352—1353
- ue Harnesses and Hardware 1632—1641
- actable Antenna Adapters 722, 728, 739, 798, 875, 890, 895, 909, 1058—1059, 1075, 1346—1347
- rse Gender Connectors 444—445
- Microwave Network Analyzers & TDRs
  - Cable System Analyzers 1410—1415
  - Network Analyzers 1415—1416
  - TDRs Time Domain Reflectometers 1416—1419
- dapters, Transmission Line 425
- ttenuators 1433—1435
- able, 1/4, 3/8 & 1/2-in 373—376
- able, 1/4-in. Superflexible 368—370
- able, 1-1/4 in. 379—381
- able, 1-5/8 & 2-1/4 in. 381—383
- able, 3/8, 1/2 & 7/8-in. Superflexible 370—373
- able, 5/8 & 7/8-in 376—379
- able, 75 Ohm 383—384
- able, Air Dielectric 384—386
- able, Radiating 386—388
- onnector, 1/2 in. Superflexible 405—408
- onnector, 3/8 in. Superflexible 404—405
- onnectors, 1/2 in. Foam Cable 409—413
- onnectors, 1/4 & 3/8 in. Foam Cable 408—409
- onnectors, 1/4 in. Superflexible 403—404
- onnectors, 1-1/4 in. Foam Cable 418—420
- onnectors, 1-5/8 in. Foam Cable 420—423
- onnectors, 5/8 in. Foam Cable 413—414
- onnectors, 7/8 in. Foam Cable 414—417
- onnectors, 7/8 in. Superflexible 417—418
- onnectors, Air Cable 423—425
- irectional Wattmeters 1424—1425
- ersonal Alarm 1645
- ower Amp, 800 MHz 702
- ower Amp, Lowband & VHF 701
- ower Amp, UHF 701—702
- gnal Samplers 1431
- umpers 448—449
- I Cables 400
- 42, RG174, RG214 Cable 400—402
- 74 Cable 400—402
- 4 Cable 400—402
- 3 Cable 394—395
- 9 Cable 395—396
- Cable 399—400
- Cable 396—399
- Mount Systems 468—472
- Terminals 1726—1728
- Gun 1566—1567
- s 1566—1567
- Devices 722, 753, 760, 774—775, 803, 812, 820, 838, 843, 846, 874—875, 889—890, 919—920, 931—932, 935, 943, 956—957, 1026, 1058, 1075, 1114, 1116, 1119, 1126, 1131, 1137—1140, 1140
- Plugs 1724
- Jacks 657—658
- Threaded 533—537
- Frames 480—485
- Mounts, Magnetic, Mobile Antennas 1357—1359
- Mounts, Mobile Antennas 1354—1357
- Sleds 480—485
- op Antenna, Mobile Cellular 1339—1340
- op Bridge Accessories 504—508
- op Bridge Kits 504—508
- op Entry Hoods 510—516
- Rope 1632—1641
- Rope Grabs 1632—1641
- Rope Thimbles 634—636
- Round Member Adapeters 526—530
- Round Tower Adapters, Steel Strap 526—530
- Routers 669—671
- Runways, Cable 530—533

S

- Saddle Mounts 493—496
- Safety Belts, Straps 636—637
- Safety Equipment
  - Body Protection Gear 1632—1641
  - Eye Protection 1630—1631
  - First Aid Kits 1630
  - Gloves 1642—1643
  - Hard Hats 1641—1642
  - Hearing and Inhalation Protection 1631—1632
  - Nose & Mouth Protection 1643—1644
  - Rainwear 1645
  - Reflective Safety Products 1644—1645
- Safety Glasses 1614—1616
- Safety Ring 633—634
- Samsung SCH-A310
  - Batteries for Portable Phones 1102—1107
  - Cases for Portable Cellular Phones 1107
  - Chargers, Desk Top, Travel 1107
  - Hands Free Kits, Mics, Headsets 1107
  - Headsets 1107—1108
  - Vehicle Power Adapters 1107
- Samsung SGH-N625
  - Batteries for Portable Phones 1109
  - Chargers, Desk Top, Travel 1109
  - Waterproof Cases, Belt Clips 1109
- Samsung SGH-R225, SGH-R225M
  - Batteries for Portable Phones 1109—1110
  - Chargers, Desk Top, Travel 1111
  - Hands Free Kits, Mics, Headsets 1111
  - Mounting Plates, Cradles, Holders 1112
  - Vehicle Power Adapters 1110
- Samsung SGH-S105
  - Batteries for Portable Phones 1112
  - Chargers, Desk Top, Travel 1112—1113
  - Headsets 1113
  - Waterproof Cases, Belt Clips 1113
- Samsung SGH-V205
  - Batteries for Portable Phones 1113—1114
  - Data Interfaces for Portable Phones 1114
  - Hands Free Kits, Mics, Headsets 1114
  - Vehicle Power Adapters 1114
- Samsung SPH-A460
  - Batteries for Portable Phones 1115
  - Cases for Portable Cellular Phones 1115
  - Data Interfaces for Portable Phones 1116
  - Face Plates 1115
- Samsung SPH-A500
  - Batteries for Portable Phones 1117
  - Cases for Portable Cellular Phones 1117
  - Data Interfaces for Portable Phones 1119
  - Face Plates 1117
- Samsung SPH-N240
  - Chargers, Desk Top, Travel 1120
  - Headsets 1120—1121
  - Vehicle Power Adapters 1119—1120
- Samsung SPH-N400
  - Batteries for Portable Phones 1122
  - Chargers, Desk Top, Travel 1122
  - Headsets 1122—1123
- Satellite Protection 553
- Saw, Mini Hacksaw 1565—1566
- Saws 1565—1566
- Saws, Antenna Hole Cutters 1520—1521
- Saws, Power 1522
- Sawzall 1522
- SCADA Equipment
  - SCADA Spread Spectrum Transceivers 709
- SCADA Spread Spectrum Transceivers 709
- Scalar Network Analyzers 1415—1416
- Scanner Antennas, Mobile 1302—1304
- Scissors 1573—1574
- Scopes, Analog 1481—1482
- Scopes, Digital 1482—1483
- Scopes, Fiber Viewing 1457—1458
- Scopes, Hand-held 1484—1485
- Scotchkote Electrical Sealant 1704—1705

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Product Index

Scramblers *1170—1171*
Scrapers, Glass *1563—1565*
Screen Cleaner *1698—1702*
Screen Rooms *1479—1480*
Screw Caps *1761*
Screw Starters *1614—1616*
Screwdriver Bits *1570—1573*
Screwdriver Sets *1589—1590*
Screwdrivers, Flat Blade *1590—1592*
Screwdrivers, Philips *1593—1594*
Screwdrivers, Posidrive *1593—1594*
Screwdrivers, Torx *1592—1593*
Screws, Sheet Metal and TEK *1751—1756*
Sealants *1704—1705*
Seat/Floor Covers *1662*
Sector Frames *466—468*
Security Bits *1570—1573*
Security Products
    CCTV Equipment *667—668*
Seismic Components *541—543*
Self Tapping Screws *1751—1756*
Self-Locking Hangers *454—457*
Self-Supporting Towers *627—629*
Service Monitors
    Service Monitor Accessories *1478*
    Service Monitors *1477—1478*
Serving Tool *636—637*
Shackles *634—636*
Shared Repeater Panels *1169—1170*
Shelter Cable Support Systems
    Cable Runway *530—533*
    Cable Support Rails *533—537*
Shelves *537—541*
Shelving and Bin Storage
    Parts Bins *1664—1665*
    Plastic Bin Boxes *1665—1666*
Shop Equipment
    Brooms, Dust Pans, Seat/Floor Covers *1662*
    Cable and Wire Handling Equipment *1663—1664*
    Chairs and Stools *1653—1654*
    Extension Cords, Outlet Strips *1662—1663*
    Flashlights *1654—1658*
    Fume Extraction *1661—1662*
    Illuminated Magnifiers *1658—1659*
    Ladders *1654*
    Microscopes *1659—1661*
    Tool Boxes *1651—1652*
    Tool Chests *1652—1653*
    Workbench Accessories *1650—1651*
    Workbenches, Complete *1649—1650*
    Workbenches, Complete w/ Accessories *1648—1649*
Shop Vacuums *1521—1522*
Short Base *626—627*
Short Tower Base *623—626*
Shot *587—588*
Shrink Tape *1741—1744*
Shrink Tubing *1736—1738*
Shrink Tubing for Cables *1741—1744*
Shunts, Current *1505—1506*
Side Mount Kits *472—475*
Side Post Battery Wrench *1610—1611*
Siemens M46
    Batteries for Portable Phones *1123—1125*
    Cases for Portable Cellular Phones *1125—1126*
    Chargers, Desk Top, Travel *1125*
    Data Interfaces for Portable Phones *1126*
    Hands Free Kits, Mics, Headsets *1126*
    Headsets *1126*
    Vehicle Power Adapters *1125*
    Waterproof Cases, Belt Clips *1126*
Signal and Function Generators
    Signal Generators *1486—1487*
Signal Samplers *1431*
Signs, Cellular Use *1646—1647*
Signs, EME *1646—1647*
Signs, Guy Wire Caution *1646—1647*
Signs, RF Burn *1646—1647*
Signs, RF Warning *1646—1647*
Signs, Tower Registration *1646—1647*
SINAD Meters *1478—1479*
Siren, Chirp *1215*
Sirens *1215, 1222—1224, 1395—1396*
Site Analyzers *1410—1415*
Site Battery Backup Systems
    Battery Chargers For Backup Batteries *609—610*
    DC Battery Backup Systems *607—608*
    Emergency Backup Relays *609*
    Hybrid AC/DC Battery Backup Systems *609*
    Low Voltage Disconnects *609*
    Rack Mounted AC Battery Backup Systems *608—609*
Site Hardware
    Angle Tower Adapters *526*
    Cable Hanger Blocks Systems *524—526*
    Cable Tray and Sleeper System *504—508*
    Round Tower Adapters, Steel Strap *526—530*
    Vertical Cable/Waveguide Ladder *508—510*
    Vertical Cable/Waveguide Supports *520—524*
    Wall/Roof Feed Thrus *510—516*
    Waveguide Boots and Cushions *516—520*
    Waveguide Channel and Accessories *498—504*
Site Masters *1410—1415*
Site Monitors / Accessories *334—336*
Slatwall Display Materials *1152—1154*
Sleds, Roof *480—485*
Sleeper Pads *480—485, 504—508*
Sleeper Systems *504—508*
Slide Mounts *1364—1365*
Slugs for Wattmeters *1428—1430*
SMA Adapters *428—435*
SMA Connectors *443—444*
SMA Reverse Gender Connectors *444—445*
Small Area BDA *706—707*
SMB Connectors *447*
Snake, Wire *1600—1601*
Snap-In Hangers *454—457*
Snips *1573—1574*
Socket Sets *1581—1585*
Socket Wrenches *1581—1585*
Socks, RF Protective *1645—1646*
Software, Data Interfaces for Portable Phones *722, 753, 760, 774—775, 803, 812, 820, 8*
    843, 846, 874—875, 919—920, 931—932, 935, 943, 956—957, 1026, 1058, 10
    1114, 1116, 1119, 1126, 1131, 1137—1140
Solar Backup Power Systems *613—614*
Solar Battery Chargers *618*
Solar Charge Controllers *616—617*
Solar Inverters *617—618*
Solar Module Mounts *615—616*
Solar Modules *614—615*
Solar Panels *614—615*
Solar Power Products
    Batteries for Communication Sites *618*
    Battery Chargers *618*
    Complete Solar Backup Systems *613—614*
    Inverters *617—618*
    Solar Charge Controllers *616—617*
    Solar Module Mounts *615—616*
    Solar Modules *614—615*
Solar Site Batteries *618*
Solar Systems *613—614*
Solder Iron Replacement Parts *1677—1678*
Soldering Equipment and Supplies
    Cordless Soldering Irons *1668—1670*
    Desoldering Tips *1686—1688*
    Hot Air Soldering Tips *1688*
    Pencil Soldering Irons, Soldering Gun *1667—1668*
    Solder And Supplies *1675—1677*
    Soldering Aids *1677—1678*
    Soldering Iron Replacement Parts *1678—1681*
    Soldering Tips *1681—1686*
    Soldering,Desoldering,Hot-Air Systems *1670—1675*
Soldering Guns *1667—1668*
Soldering Irons *1667—1668*
Soldering Replacement Tips *1677—1678*
Soldering Tips *1681—1686*
Solderoff *1675—1677*
Solderwick *1675—1677*
Solvents *1703—1704*
Sony Ericsson T200
    Batteries for Portable Phones *1129*
    Battery Conditioning Units *1129*
    Cases for Portable Cellular Phones *1129—1130*
    Chargers, Desk Top, Travel *1129*
    Data Interfaces for Portable Phones *1131*
    Digital Organizers *1131*
    Hands Free Kits, Mics, Headsets *1130*
    Headsets *1130—1131*
    Waterproof Cases, Belt Clips *1130*
Sony Ericsson T206
    Batteries for Portable Phones *1132*
    Face Plates *1132*
    Waterproof Cases, Belt Clips *1133*
Sony Ericsson T300, T306

NEW = New Listing. Pricing for reference o
See TESSCO.com for latest pricing and produ
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Batteries for Portable Phones *1133*
Battery Conditioning Units *1133—1134*
Chargers, Desk Top, Travel *1134*
Digital Organizers *1136*
Headsets *1135*
Waterproof Cases, Belt Clips *1134—1135*
er Tie Wraps *1745—1749*
e/Fork Terminals *1728*
ker Wire and Zip Cords *1764*
kers *1395—1396*
kers, Public Address
Megaphones, Sirens *1215*
Public Address Amplifiers *1211—1212*
Speakers *1212—1215*
trum Analyzers
Spectrum Analyzers *1403—1409*
Connectors *447*
e Connectors and Disconnects *1730—1731*
er *1563—1565*
es, Wire *1729—1730*
es-Inter Cable *423*
Loom Tubing *1733—1734*
ers, Power *68—71*
l-Handling Equipment *1663—1664*
Adhesives *1705—1707*
g Nuts *533—537*
gs *1318*
gs, Mobile Antennas *1318*
e Support Rails *533—537*
e Washers *533—537*
ing Brackets for Multiple Radios *1366—1368*
ing Harnesses *71*
ing Trays *1366—1368*
ard Grounding Kits *457—460*
ard Hangers *454—457*
-off Adapters *526—530*
-off Brackets *520—524*
off Mounts *472—475*
-off Pipe Frames *466—468*
offs *1745—1749*
e Guns *1566—1567*
e Guns and Staples *1566—1567*
es *1566—1567*
Accessories *1694—1696*
Charge Eliminators *1697*
Protection Devices
Conductive Mats and Kits *1688—1690*
Static Accessories *1694—1696*
Static Shielding Bags *1688*
Static Testing *1696—1697*
Static, Boxes & Foam *1697*
Static, Tapes & Labels *1693—1694*
Wrist Straps *1690—1693*
Straps *1690—1693*
Testing *1696—1697*
Strap *526—530*
Bits *1518—1520*
downs *1219—1221, 1221, 1221, 1221*
1321—1322
, Mobile Cellular *1352—1353*
rs *1756*
s & Chairs *1653—1654*
ge Drawers, Parts *1664—1665*
Reliefs *448*
ded Copper Ground Wire *574—575*
oing *526—530*
Counters *558*
ers, Wire *1552—1555*
e Lights *1395—1396*
on Cup Antennas, Mobile Cellular *1346*
flex Jumpers *449—451*
flexible Coaxial Cable, 1/4 in. *368—370*
flexible Coaxial Cable, 3/8, 1/2 & 7/8 in. *370—373*
flexible Connectors, 1/2 in. *405—408*
flexible Connectors, 1/4 in. *403—404*
flexible Connectors, 3/8 in. *404—405*
flexible Connectors, 7/8 in. *417—418*
ort Rails *533—537*
e Mount Platforms / Backboxes *659—660*
Arrestors *546—548*
Blox AC Protection *553—554*
Protection, Battery Backups, UPS
AC Battery Backup Systems *644—647*
AC Line Stabilizer/Conditioners *642*
AC Surge protectors *643—644*
Batteries for Back-up Systems *647—648*
Phone and Fax Line Surge Protection *642—643*
Surge Protectors, AC *643—644*
Surge Suppression *546—548, 548—549*
Surge Suppression, AC Distribution Panel *553—554*
Surveillance Equipment *667—668*
Survival Tools *1562—1563*
Swabs & Chemical Accessories *1707—1709*
Sweep Testers *1410—1415*
Sweepers, Line & Antenna *1415—1416*
Switches *671*
Switches, Coaxial *68—71*
Switches, Electrical *1732—1733*
Switches, Pin Type *1222—1224*
SwivelClip *721, 723, 737, 750—751, 758, 769, 787, 796, 824—825, 832—833, 836, 871, 878, 886, 900—901, 911, 937, 940—941, 944, 950, 954, 999—1000, 1054, 1079, 1085, 1089—1090, 1095, 1109, 1113, 1126, 1130, 1133, 1134—1135, 1149—1152*
SWR Meter Accessories *1420*
SWR Meters *1419—1420*

T

T- Connections *585—586*
T1, T3, SONET Analyzers *1436—1440*
Tape Measures *1599—1600*
Tapered Pipe Mounts *493—496*
Taps, Battery *1731—1732*
T-BERD Testers *1436—1440*
TDRs Time Domain Reflectometers *1416—1419*
Tek Screws *1751—1756*
Telco Plugs *1724*
Telecom Cable Locators and Testers *1455—1457*
Telecom Craft Tools *1619—1624*
Telecom Tools and Accessories
Communication Cable Cutters *1624*
Telecom Craft Tools *1619—1624*
Telemetry
Telemetry *709*
Telephone Cord Strippers/Cutters *1552—1555*
Telephone Crimpers *1548—1552*
Telephone Interconnect *1201*
Telephone Interconnect & Remote Control
DC Remote Controls *1201—1202*
DC Remote Termination Panels *1202—1203*
DC to Tone Converters *1203*
Local Extension Dispatcher *1206*
Remote Cable and Footswitches *1211*
Specialty Remote Systems *1206—1211*
Telephone Interconnect *1201*
Tone Remote Termination Panels *1205—1206*
Tone Remotes *1203—1205*
Telephone Interface *1201*
Telephone/LAN Line Testing Equipment
LAN/Cable Qualification Testers *1448—1453*
LinemansTestSets *1453—1455*
Telecom Cable Locators and Testers *1455—1457*
Transmission Test Equipment *1446—1448*
TelephoneTestSets *1453—1455*
Temperature Meters and Accessories *1505*
Temperature Probes *1505—1506*
Terminal Brushes *1610—1611*
Terminal Crimpers *1545—1548*
Terminal Kits *1724*
Terminal Lugs *1726—1728*
Test and Measurement Training
Line Sweeping and Spectrum Analysis *1402*
Test Cables
Test Cables *1511—1512*
Test Fixtures, Paging *1479—1480*
Test Leads for Multimeters *1506—1508*
Test Light *1616—1617*
Testers, Cellular *1476—1477*
Testers, Circuit *1616—1617*
Testers, Ground Resistance *1462—1464*
Testers, GSM Phone *1474—1476*
Testers, Hi-Pot & Insulation *1464—1466*
Testers, Paging *1479*
Testers, PCS Phone *1474—1476*
The Clip *721, 723, 737, 750—751, 758, 769, 787, 796, 824—825, 832—833, 836, 871, 878, 886, 900—901, 911, 937, 940—941, 944, 950, 954, 999—1000, 1054, 1079, 1085, 1089—1090, 1095, 1109, 1113, 1126, 1130, 1133, 1134—1135, 1149—1152*
Thimbles *634—636*
Threaded Rods *533—537*
Thruline Elements *1428—1430*
Thrust Bearings *633—634*
Tie Off Slings *1632—1641*
Tie Wraps *1745—1749*

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Product Index

Time Domain Reflectometers *1416—1419*
Timer Switch *1221—1222*
Timer Switch, 2 Way Radio *1221—1222*
Timer Switch, Cellular Phone *1221—1222*
Tinned Copper Ground Wire *574—575*
Tips, Desoldering *1686—1688*
Tips, Hot-Air Soldering *1688*
Tips, Soldering *1681—1686*
TNC Adapters *428—435*
TNC Connectors *439—441*
TNC Reverse Gender Connectors *444—445*
Tone Remote Termination Panels *1205—1206*
Tone Remotes *1203—1205*
Tool Bag *1531—1537*
Tool Boxes *1651—1652*
Tool Cabinets *1651—1652*
Tool Carts *1651—1652*
Tool Cases without Tools *1531—1537*
Tool Chests *1652—1653*
Tool Holders, Magnetic *1611—1612*
Tool Kits, Tool Cases
- ATA Transport Cases *1539—1540*
- Equipment Protection Cases *1537—1539*
- Luggage Carts *1540—1541*
- Tool Bags *1540*
- Tool Cases without Tools *1531—1537*
- Tool Kits, Complete *1523—1531*

Tools, Alignment *1568*
Tools, Battery *1610—1611*
Tools, Measuring *1599—1600*
Tools, Multipurpose Hand *1562—1563*
Tools, Special Application *1614—1616*
Tools, Survival *1562—1563*
Tools, Wire Installation *1600—1601*
Tools, Wire Wrap *1612—1614*
Torches *588—590*
Torque Bars *626—627*
Torque Bars, Tower *623—626*
Torque Drivers *1602—1606*
Torque Wrenches *1602—1606*
Torx Bits *1570—1573*
Torx Driver Sets *1592—1593*
Torx Screwdrivers *1592—1593*
Tower Brackets *520—524*
Tower Components *623—626*
Tower Frames *466—468*
Tower Lighting Products *636*
Tower Lights *636*
Tower Paint *1710*
Tower Top Amplifier Protection *550—551*
Tower Top Amplifiers
- Preamplifiers *339—341*
- Tower-Top Amplifiers *337—339*

Towers
- Complete Guyed Towers *629—633*
- Guy Wire and Materials *634—636*
- Self-Supporting Towers *627—629*
- Tower Accessories *633—634*
- Tower Grounding Products *636*
- Tower Lighting Products *636*
- Tower Tools and Paint *636—637*
- Towers, 55G & 65G *627*
- Towers, General Purpose *623—626*
- Towers, Heavy Duty Sections *626—627*

Towers, 55G & 65G *627*
Transmission Line Adapters *425*
Transmission Line, Coax, 1/4-in. Superflexible *368—370*
Transmission Line, Coaxial, 1/4, 3/8 & 1/2-in. Coaxial *373—376*
Transmission Line, Coaxial, 1-1/4 in. *379—381*
Transmission Line, Coaxial, 1-5/8 & 2-1/4 in. *381—383*
Transmission Line, Coaxial, 3/8, 1/2 & 7/8-in. *370—373*
Transmission Line, Coaxial, 5/8 & 7/8-in. *376—379*
Transmission Line, Coaxial, 75 Ohm *383—384*
Transmission Line, Coaxial, Air Dielectric *384—386*
Transmission Test Equipment *1446—1448*
TranSplice Connectors *423*
Transportable Antennas *1152*
Transportable Batteries *1148*
Trapeze Kits *498—504*
Triangular Towers *627*
Tripod Mounts *480—485*
Tripod Mounts, Water Tower *485—486*
Trouble Lights *1654—1658*
Trunk Lip Brackets *1320—1321*
Truss Frames *480—485*
Tubes, Entry *510—516*
Tubing, Heat Shrink *1736—1738*
Tubing, Split Loom *1733—1734*
Tuning Tools *1568*
Turnbuckles *634—636*
Tweezers *1596—1598*
Twisted Pair, Data, Phone Lightening Protection *555—558*
Twist-Flex Jumpers *391*
Two-Way *1174—1178*
Two-Way Radios *1162—1167*
Type-F Connectors & Adapters *446—447*

U

UHF Adapters *428—435*
UHF Connectors *438—439*
Unibit *1518—1520*
Universal Grounding Kits *457—460*
Unlicensed Ethernet
- Unlicensed Ethernet *695—696*

Unlicensed T-Carrier
- Unlicensed T-Carrier *692—695*

Unwrapping Tools *1612—1614*
Upholstry Removal Tool *1614—1616*
Uplink *722, 728, 739, 798, 875, 890, 895, 909, 1058—1059, 1075, 1346—1347*
UPS Uninterruptable Power Supplies *608—609*

V

V Bolts *486—493*
Vacuum Cleaners *1521—1522*
Variable Attenuators *1433—1435*
Variable DC Power Supplies
- DC Power Supplies, Precision *1510—1511*

VCR Batteries *1148*
Vector Network Analyzers *1415—1416*
Vehicle Mounts, Two-way Radios, Data Terminals
- Data Terminal and Computer Mounts *1368—1373*
- Fixed Radio Mounting Brackets *1365—1366*
- Slide Mounts *1364—1365*
- Stacking Brackets for Multiple Radios *1366—1368*

Vehicle Mounts, Wireless Phone
- Extensions and Accessories *1388—1390*
- Flex Type Mounts *1387—1388*
- Mounting Plates, Cradles, Holders *1390—1394*
- Pedestal Mounts *1384—1387*
- Vehicle Specific Phone Mounts *1373—1384*

Vehicle Specific Phone Mounts *1373—1384*
Vehicle Tracking Systems
- Automatic Vehicle Locators *1228*

Velcro *1744—1745*
Velcro Cable Ties *1745—1749*
Vertical Cable Ladders *508—510*
Vertical Cable/Waveguide Ladder *508—510*
Vertical Cable/Waveguide Supports *520—524*
Vertical Waveguide Ladders *508—510*
VHF, M7 x 1.0 (GE MPA,MPD) *1325*
VibraClip *721, 723, 737, 750—751, 758, 769, 787, 796, 824—825, 832—833, 836, 878, 886, 900—901, 911, 937, 940—941, 944, 950, 954, 999—1000, 1054, 1085, 1089—1090, 1095, 1109, 1113, 1126, 1130, 1133, 1134—1135, 1149—*
Video, EME *1646—1647*
Video,Cameras *667—668*
Vise Grip Locking Pliers *1579—1581*
Vises
- Vises *1666—1667*

VNAs *1415—1416*
Voice Encryption Modules
- Voice Encryption Modules for Radios *1170—1171*

Voice Encryption Modules for Radios *1170—1171*
Voltage Controllers, Solar *616—617*
Voltage Convereters, Isolated *596*
Voltage Inverters and Converters
- DC to AC Power Inverters *1216—1219*
- DC to DC Voltage Converters *1219—1221*
- Isolated DC to DC Voltage Converters *1221*
- Positive to Negative Ground Converter *1221*
- Spike Prot. Isolated DC to DC Conv. *1221*
- Timer Switch *1221—1222*

Voltage Tester *1616—1617*
Volume Controls *1212—1215*
VOMs *1491—1499*
VSWR Monitors & Alarms *334—336*

W

Wall Mounts & Hardware *476—480*
Wall/Roof Feed Thrus *510—516*
Washers *1760—1761*

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er Coolers *1614—1616*
erproof Cases *1197—1198*
erproof Cases, Belt Clips *721, 723, 737, 750—751, 758, 769, 787, 796, 824—825, 832—833, 836, 871, 878, 886, 900—901, 911, 937, 940—941, 944, 950, 954, 999—1000, 1054, 1079, 1085, 1089—1090, 1095, 1109, 1113, 1126, 1130, 1133, 1134—1135*
tmeter Cases *1426*
tmeter Elements *1428—1430*
tmeter Movements *1426*
tmeter Slugs *1428—1430*
tmeters *1421—1424*
tmeters, Digital *1425—1426*
tmeters, RF Directional *1424—1425*
eguide *388—390*
eguide Accessories *392—393*
eguide Adapters *392*
eguide Boot Assemblies *516—520*
eguide Boots and Cushions *516—520*
eguide Bridge Accessories *498—504*
eguide Channel *498—504*
eguide Channel and Accessories *498—504*
eguide Connectors *391—392*
eguide Crosses *520—524*
eguide Entry Panels *510—516*
eguide Jumpers *391*
eguide Ladders, Vertical *508—510*
eguide, Connectors and Accessories
Elliptical Waveguide *388—390*
Elliptical Waveguide Accessories *392—393*
Elliptical Waveguide Connectors *391—392*
Elliptical Waveguide Flange Adapters *392*
Twist-Flex Jumpers *391*
therproofing Tapes *1741—1744*
l Metal *587—588*
o Adapters *1318—1320*
o Cutters *1573—1574*
s, Mobile Cellular *1352—1353*
s, VHF & UHF *1321—1322*
, Solder *1675—1677*
l Power Systems *613—614*
low Cleaner *1318—1320*
and Multiconductor Cables
Automotive Hookup Wire *1762—1764*
Speaker Wire and Zip Cords *1764*
Brushes *1612*
Carts *1663—1664*
Installaion Tools *1600—1601*
Markers *1751*
Nuts *1732*
Strippers *1552—1555*
Terminals *1731—1732*
Wrap Tools *1612—1614*
, Hookup *1762—1764*
, Primary Automotive *1762—1764*
, Telephone *1724*
, Wire Wrap *1612—1614*
less LAN Bi-Directional Amplifiers *707—708*
less Routers *669—671*
less Solutions Displays, Countertop *1155—1156*
lessSolutionsMerchandisingDisplays' *1156*
k Lights *1654—1658*
k Platform *626—627*
k Platform, Tower *623—626*
kbench Accessories *1650—1651*
kbenches, Complete *1649—1650*
kbenches, Complete w/ Accessories *1648—1649*
kstations *1649—1650, 1650—1651*
ping Tools *1612—1614*
nches *1581—1585*
t Straps *1690—1693*

onnections *586—587*
1395—1396
and ISDN Network Analyzers *1443—1444*
Radio Antennas *1315—1316*

apters *1734—1736*

galvanizing coating *1709—1710*
Cord *1764*
Master AC Protectors *553—554*

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Numerics

3 Com

3Com wireless LAN access points work with our wireless LAN PC cards, PCI adapter, USB adapter, bridges, and gateways to provide untethered network and Internet access when and where you need it.

Mfg. Part Number	SKU	Page
3CRDW696	423365	683
3CRWE60092A	431372	683
3CRWE62092B	418393	696
3CRWE62092B	457365	683
3CRWE80096A	437358	683
3CRWE820A-US	471372	683
3CRWE83096A	471378	683
3CRWE91096A	423348	696
3CWE483	467371	683

3M Products

Mfg. Part Number	SKU	Page
06207	32703	1747
06248	96275	1747
06249	83061	1747
06250	69847	1747
06270	57882	1747
06271	44668	1747
06272	31454	1747
06273	45917	1747
06274	84310	1747
06294	18765	1746
06295	57158	1746
06296	95551	1747
06297	43944	1746
13-10-P	31303	1726
130C 1-1/2"X30'	11431	1743
130C 1-1/2"X30'	73783	1743
130C	90460	1743
1357	68750	1706
14-38-WN	64812	1727
14-38-WN	85559	1727
1435	34940	1631
15-14S-W	18416	1727
15-14S-W	95202	1727
15-38-W	81988	1728
1700 TEMFLEX	19257	1741
1700 TEMFLEX	75487	1741
1900 10X12	62121	1688
1900 12X18	10514	1688
1900 3 X 5	50156	1688
1900 4X6	88549	1688
1900 5X8	36942	1688
1900 6X8	75335	1688
1900 8X12	23728	1688
2210	30347	1743
2210SP	74119	1694
2214	99298	1692
2224	22409	1692
223	18890	1708
223	83711	1708
2246	34477	1691
2272	24044	1692
2382	74095	1692
33+	79782	1742
33+	96737	1742
35 ASSORTED	87157	1742
35 BLUE	36535	1742
35 BROWN	34343	1742
35 GRAY	56252	1742
35 GREEN	23321	1742
35 ORANGE	61714	1742
35 RED	49749	1742
35 VIOLET	47566	1742
35 WHITE	74928	1742
35 YELLOW	88142	1742
43203	498110	1747
4408	62612	1743
4416 2" BLACK	46263	1743
4416	11005	1743
5 WAY PLUS	33867	1704
558	86808	1731
560	35201	1731
562	73594	1731
61-NBM	59523	1730
61-SN	14889	1730
61-SN	41317	1730
62-P	18089	1729
62-SN	28103	1730
62-SN	53282	1730
62NBM	97916	1730
63-NBM	84702	1730
63-SN	26854	1730
63-SN	66496	1730
6969	490350	1744
6969	65293	1744
6969	74998	1744
710	97524	1750
71F-187-20-NL	63321	1729
724	91056	1696
725	13021	1696
72M-250-32-NB	69696	1725
8033	98049	1690
804	57025	1731
8203	46442	1690
8213	84835	1689
8214	61617	1689
8344	33228	1689
8501	20014	1688
88 2"X36YD	96800	1742
8810	81793	1690
8811	95007	1690
8830	43400	1690
88T	430038	1742
951X	33952	1730
951X	90074	1731
952K	38467	1731
952X	72345	1731
953X	20738	1731
972	70497	1721
972K	24894	1721
972K	59131	1721
BFV14-10C	54660	1728
BFV14-6L	85240	1728
BFV14-8C	90555	1728
BFV18-6L	93199	1728
BFV18-8C	88057	1728
BSV10L	81812	1729
CA-4	25468	1705
CA-40	97028	1705
CA-50	75826	1706
CITRUS CLEANER	69740	1701
FDI14-250C	53411	1729
FDV10-250L	94302	1725
FDV14-250C	91804	1725
FDV18-250C	62878	1725
FP-301	31100	1736
FP-301	91213	1736
HT-12-14	15651	1726
HT-12-14	54044	1726
M10-38R/SX	454082	1728
M10BCX	55452	1729
M14-38RX	499001	1728
M18-10R/LX	82234	1726
M6-10R/SK	77106	1726
M8-38RK	75469	1728
M8-38RX	56633	1728
M8BCX	69351	1729
MH10-38RK	81088	1728
MH10BCK	67874	1730
MH14-14R/SK	66625	1727
MH14BCK	25734	1730
MH18BCK	23236	1730
MN8-10R/SK	21987	1726
MN8-10R/SX	60380	1726
MN8-12R/SK	98773	1727
MN8-12R/SX	92327	1727
MN8-14R/SK	47166	1727
MN8-38RK	95026	1728
MNG14-10RLK	33761	1726
MNG14-10RLX	93053	1726
MNG14-250DFX	12520	1725
MNG14-8R/LX	38948	1726
MNG18-10R/LX	76092	1726
MNG18-250DFX	10022	1725
MNG18-250DMX	48415	1725
MNG18-8R/LX	36450	1726
MP-3526/27 BLK	17086	1745
MP-3551/52	68733	1745
MP-3560	17126	1745
MTI14-250C	40197	1729
MTI18-250C	53424	1729
MTV10-250L	42695	1725
MTV14-250L	13205	1725
MTV18-250C	11271	1725
MV10-12RK	51948	1727
MV10-12RK	75002	1727
MV10BCX	16267	1729
MV14-10R/LX	79839	1726
MV6BCK	437003	1730
MV8BCK	23428	1730
MV8BCX	43419	1730
MVU10-10RX	30730	1726
MVU14-38RK	35139	1728
MVU14-38RX	65376	1728
MVU14BCX	64127	1729
MVU18-10FBX	30002	1728
MVU18BCX	61629	1729
RV10-14L	55909	1727
RV10-38L	29481	1728
RV14-10C	28232	1726
RV14-14C	15018	1726
RV14-8C	77341	1726
RV18-10C	24485	1726
RV18-8C	74843	1726
SCOTCHKOTE	70372	1704
SCOTCHKOTE	75301	1704
SDR-0-9	63845	1751
SDR-MC	12238	1751
SPRAY 77	67252	1706
STD-0-9	38666	1751
STD-C	77059	1751
STK-1-REDTERMBOX	46146	1724
SUPER 33+	21263	1742
SUPER 33+	59656	1742
SUPER 88	45193	1742
SUPER 88	58407	1742
SUPER 88	63199	1742
SV-497AJM	51896	1521
SV-MPF2	75774	1521
SV-SPF1	473371	1521

A

A.W. Enterprises

Mfg. Part Number	SKU	Page
KW5040-3BW	50703	1196
KW6050-3BW	64905	1196
KW6050-CBW	75749	1196
KW6070-CAW	75787	1196
KW6080-3BW	75171	1196
KW6080-CB0	75790	1196
KW6080-CBW	75788	1196
KW6090-CBW	482366	1196
KW7020-3BW	75180	1196
KW7020-CBW	448046	1196
MR2001	458097	966
MR3020-3BW	43620	1196
MR5010-3BW	84625	1196
MR5020-3BW	27003	1196
MR5020-CB0	75594	1197
MR6020-3BW	59446	1196
MR6045-C00	75603	1197
MR8040-3BW	31769	1196
MR8060-3BW	20034	1196
MR8090-340	75294	1196
MR8090-34W	75296	1196
MR8100-34W	75300	1196
MR8215-3B0	495339	1196
MR8215-3BW	430316	1196

AC Data Systems

Mfg. Part Number	SKU	Page
66P015	68576	557
66P265	30183	557
B84XCC	95004	553
B84XXC	56611	553
L52XCC	31432	553
L52XXC	83039	553
LW2XCC-NA	18218	553
LW2XXC-NA	69825	[illegible]
LW4XCC-NA	81790	[illegible]
LW4XXC-NA	43397	[illegible]
TJ1010B	94755	[illegible]
TJ2DS0	16969	[illegible]
TJ3010B	93755	[illegible]
TJP016B	80541	[illegible]
TJP265	42148	[illegible]

AC Marine A/S

Mfg. Part Number	SKU	Page
CEL5	41524	[illegible]
CELDUAL-2	445107	[illegible]
CELMAR0-1	99251	[illegible]
CELMAR1-1	30283	[illegible]
CELMAR2-1	439099	[illegible]
CELSEA1	37165	[illegible]
CELSEA1A	75558	[illegible]
CELSEA3	23951	[illegible]
CELSEA3A	10737	[illegible]
CELSEA3S	49130	[illegible]
CELSEA6	35916	[illegible]
CELSEA6A	74309	[illegible]
CELSEA9	22702	[illegible]
CX3-5/8	36086	[illegible]
CX4-3	74479	[illegible]
CXU-1	22872	[illegible]
CXU-3	61265	[illegible]
GPS	494113	[illegible]
H001F	48051	[illegible]
H010F	86444	[illegible]
N230F	53047	[illegible]
N275F	26619	[illegible]
N280-01F	65012	[illegible]
N295-F	90191	[illegible]

Accele Electronics

Mfg. Part Number	SKU	Page
5060	55324	[illegible]
5061	55336	[illegible]
5062	55351	[illegible]
5063	55352	[illegible]
5603PT	48042	[illegible]
5604PT	48043	[illegible]
5605PT	48055	[illegible]
5606PT	48072	[illegible]
5607PT	48079	[illegible]
5608PT	48083	[illegible]
5609PT	48133	[illegible]
5705PT	48142	[illegible]
5710PT	48155	[illegible]
5715PT	48159	[illegible]
5720PT	48166	[illegible]
5725PT	48176	[illegible]
5730PT	48193	[illegible]
5775PT	48146	[illegible]

Acterna

Mfg. Part Number	SKU	Page
107A	51738	[illegible]
107A-P1	40407	[illegible]
11704	477022	[illegible]
12041	56718	[illegible]
13466	460070	[illegible]
13467	440092	[illegible]
16262	467040	[illegible]
2000-SV3	415132	[illegible]
2000-SV3	491192	[illegible]
2000-SV3	498114	[illegible]
2109	443003	[illegible]
224-P13	436065	[illegible]
224-P7	40402	[illegible]
224-P8	472071	[illegible]
2700-CELL	466138	[illegible]
2700-DUAL	498192	[illegible]
2700-PC	410111	[illegible]
2700-PCS	427151	[illegible]
310-P1S	40634	[illegible]
41131B	476076	[illegible]
41440A	427082	[illegible]
41502	466045	[illegible]
42522	485090	[illegible]
43440	471092	[illegible]
AC-016953	470194	[illegible]
CB-015837	446154	[illegible]
CB-10615	40371	[illegible]
CB-10648	44139	[illegible]
CB-30598	40385	[illegible]
CB-30599	482054	[illegible]
CB-41645	44164	[illegible]

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fg. Part Number	SKU	Page
B-51120	40392	1439
C-44605	446106	1406
C-45158	445046	1437
C44423	450189	1437
36000A	417037	1441
290009	448188	1406
ITEST-P2CB	70729	1439
B2207-ASP-U1	442113	1437
B2207-CLA	40494	1439
B2207-DS1	491197	1437
B2207-DS3	447179	1437
B2207-FT1-U1	55028	1437
B2207-GSM-U1	484138	1437
B2207-ILE-U1	463132	1437
B2207-P1	460150	1438
B2207-P2	56896	1438
B2207-P2/GSM	56891	1438
B2207-P3	473156	1438
B2207-P3/GSM	56921	1438
B2207-PRI-U1	448147	1437
B2207-SIG-U1	437136	1437
B2207-TIM-U1	72038	1437
B2207-VT100-U1	478153	1437
B2207/DS1	73916	1438
B2230-CAS	412182	1437
B2310-ATM-DS3-U1	414169	1438
B2310-ATMOC12U1	459120	1438
B2310-ATMOC3U1	420173	1438
B2310-DDS	451143	1438
B2310-DS3A	451163	1438
B2310-GR303-U1	447161	1438
B2310-OC12FC	428168	1438
B2310-OC3FC	412151	1438
B2310-P4	485300	1438
B2310-P5	412144	1438
B2310-REM	468304	1438
B2357	419168	1437
B2357-ALADSL	443130	1437
B2357-GSADSL	416169	1437
B2357-GSSDSL	431179	1437
B307	69765	1436
B307-P1	40590	1436
PI105/4WLL/DS1-T	53797	1439
T-2207/9	424391	1402
T-2310S	478371	1402
T-ATM	493390	1402
T-DS1/DS3	417330	1402
T-SONET	458347	1402
vanced Charger		
5-01VC	475110	1188
5-02VC	445133	1188
EK10-NCD	64779	1188
HARGE 110	53062	1188
HARGE 160	53071	1188
HARGE 165	53079	1188
OM10-NCD	486047	1188
OM11-NCD/NMH	469375	1188
AUGE	64068	1188
ER10-NCD	64159	1188
ER12-NCD	63365	1188
ER14-NCD	63390	1188
ER15-NCD	449362	1188
ER15-NMH	493071	1188
ER16-NMH	452379	1188
DE10-N-N	64221	1188
DE12-NMH	64781	1188
DE13-LIN	90405	1189
EN10-NCD	63359	1189
EN11-NCD	63363	1189
EN11-NMH	459102	1189
EN12-LIN	441319	1189
EN12-NCD	485356	1189
EN12-NMH	471370	1189
OT10-NCD	62294	1189
OT11-NCD	62698	1189
OT12-NCD	62703	1189
OT13-NCD	63346	1189
OT14-NCD	92401	1189
OT15-NCD	418091	1189
OT16-NCD	63356	1189
OT17-NCD	62711	1189
OT17-NMH	418035	1189
OT18-LIN	452088	1189
OT18-N-N	445040	1189
OT19-NCD	418077	1189

Mfg. Part Number	SKU	Page
IMOT20-NCD	478089	1189
IMOT21-NCD	456157	1189
IMOT22-NCD	444107	1189
IMOT22-NMH	469023	1189
IRACK	447064	1188
ITAI10-NCD	439134	1189
IVER10-NCD	439058	1189
AdvanceTec		
AT2001IFD	99975	1189
AT2002IFD	48368	1189
AT2003IFD	86761	1189
AT2004IFD	35154	1189
AT2020IFD	60526	1189
AT2030IFD	41753	1189
AT2031IFD	43694	1189
AT2032IFD	43686	1189
AT2050IFD	92015	1189
AT2051IFD	40408	1189
AT2052IFD	78801	1189
AT2054IFD	73547	1189
AT2058IFD	72547	1189
AT2059IFD	83244	1189
AT2060IFD	48734	1189
AT2088IFD	81958	1189
AT4-2030IFD	496052	1189
AT4-2031IFD	491043	1189
AT4-2050IFD	447023	1190
AT4-2051IFD	426030	1190
AT4-2054IFD	427049	1190
AT4-2055IFD	473008	1190
AT4-2056IFD	421002	1190
AT4000IFD	425012	1189
AT4505IPA	66984	1191
AT5005PA	448178	1190
AT5051PA	28591	1191
AT5090PA	418003	1190
Advantest		
A01434	40031	1409
A02806	39930	1409
PROPAC14BATT	39941	1409
R16072	39843	1409
R16080	437397	1409
R16216A	39918	1409
R16601	39921	1409
R3131A+95	80047	1409
R3131A-74	80049	1409
R3132	13090	1409
R3162 +74	452082	1409
R3162	13100	1409
U3641	39539	1406
U3641+20	39622	1406
U3641+20+26	39661	1406
U3641+20+26+74	39697	1406
U3641+20+60	39717	1406
U3641+20+60+74	39735	1406
U3641+20+74	39668	1406
U3641+26	39647	1406
U3641+60	39706	1406
U3641+60+74	455112	1406
U3641+74	39655	1406
U3661	39738	1407
U3661+20	39766	1407
U3661+20+26	39784	1407
U3661+20+26+72+74	84220	1407
U3661+20+26+74	39804	1407
U3661+20+60	39820	1407
U3661+20+60+74	39829	1407
U3661+20+74	39786	1407
U3661+26	39778	1407
U3661+60	39805	1407
U3661+74	39781	1407
AEA		
5001-0201	40356	1420
5001-1002	97390	1417
5001-1002B	493053	1420
5001-1201	465125	1419
5005-1201	488024	1419
5005-1201	490180	1417
5005-5000	40242	1419
5006-5001A	40330	1419
5009-5000	40344	1419
5011-5000	40361	1417
5013-1201	40467	1419
5013-5000	72483	1419

Mfg. Part Number	SKU	Page
6010-5000	457393	1419
AEMC Instruments		
100.525	99724	1463
1035	429080	1464
1035KIT	488095	1465
1039	438009	1465
1039KIT	424003	1465
1060	438014	1465
2130.61	428396	1463
3620 KIT	51867	1462
3620	67579	1462
3640 KIT	20443	1462
3640	62583	1462
3711	70830	1463
3731	70838	1464
4500	80066	1463
4610 KIT	56338	1462
4610	57587	1462
4630	413128	1463
4630KIT	454397	1463
502	419314	1501
503	482167	1501
514	489084	1502
CBI-1	490077	1449
CL600	29476	1505
K100	478161	1506
K110	431170	1506
L220	94297	1466
L230	22773	1505
L320	81083	1505
AeroComm, Inc		
50368F	59200	329
50368FS-U	72414	329
5038M10SV115	34021	329
AESP, Inc.		
24458MD-C5E	415311	664
48454MD-C5E	490314	664
C5E-114BK-3FB	417347	665
C5E-114BK-7FB	472383	665
CDP-175	449318	661
CDP-350	484322	661
KJ458-C5E-WH	438330	658
KRJ12/50	77474	660
KRJ45/50	77472	660
SGFK-6-WH	418318	658
UFE-B-12SC	428301	666
UFE12-B	466349	666
UFE4-B	437357	666
WFE2-B	484359	666
Agere Systems		
ROR-1000 KIT	425189	683
ROR-1000	481185	683
Agilent Technologies		
11730A	428183	1422
11730B	441091	1422
11807E/004	424088	1475
11807E/014	459068	1475
11807E/024	412036	1475
33120A/OPT 1	492039	1487
33250A	447122	1487
34131A	73299	1421
34141A	21692	1422
34161A	98478	1422
34401A	426146	1503
34812A/ABA	452232	1489
4404BB75BAA1AXUK9	442098	1408
4411BU-AYT	77372	1409
4411BU-UK9	38979	1409
5064-0691	483021	1442
53131A/030ABA	495195	1489
53132A/030ABA	451153	1489
53132A/124ABA	437107	1489
53147-80016	465113	1423
53147A	423163	1423
53147A/001	481170	1423
53147A/002	472101	1423
53147A/1/2	436144	1423
53148A/001-R-51B	465164	1423
53148A/002	498390	1423
53150-80016	461144	1490
53150A	473133	1490
53150A/001	410327	1490

Mfg. Part Number	SKU	Page
53150A/001/002	421197	1490
53150A/002	479339	1490
53151A	446328	1490
53151A/001	428316	1490
53151A/001/002	411335	1490
53181A/010/124ABA	414366	1489
53181A/015ABA	458176	1489
53181A/030	452186	1489
53181A/124ABA	443183	1489
54622A	471330	1483
54624A	442366	1483
81000VI	481134	1460
8120-6469	18144	1416
8481A	12949	1422
8481B	63307	1422
8481D	463122	1422
8481H	11700	1422
8482A	50093	1422
8482B	88486	1422
8482H	451111	1422
8485A	19918	1422
8494B-001	452180	1435
8494B-002	469175	1435
8495B-001	462191	1435
8495B-002	437184	1435
8496B-001	471185	1435
8496B-002	429159	1435
8498A-030	436101	1434
85024A	464124	1506
85032B	81716	1416
85032E	94930	1416
8648A-1E5	57388	1487
8648B-1E5	95781	1487
8648C-1E5	44174	1487
8648D-1E5	54564	1487
8712ET	36354	1415
8712ET-100	44572	1415
8714ET	96179	1415
8714ET-100	82965	1415
8920B	476339	1478
8920B/1,4,13,14	418025	1475
8920B/102	482171	1478
909A #012	432151	1432
909A #013	430127	1432
909D	451135	1432
909D#011	410144	1432
A5D	23267	1409
AXT	11302	1409
AYU	62909	1409
B70	43450	1409
E1779A	74874	1409
E3611A	434193	1511
E3612A	451190	1511
E3616A	412192	1511
E3617A	477172	1511
E3620A	410125	1511
E3630A	468113	1511
E3632A	496175	1511
E3634A	424137	1511
E3641A	434162	1511
E3643A	490145	1511
E3645A	433177	1511
E4401B+OPTS	465002	1408
E4401B-1AX	477020	1408
E4402B-1AX	495045	1408
E4403B-1DN1AX	45025	1408
E4404B-1AX	417049	1408
E4405B-1AX	422066	1408
E4407B-1AX	484083	1408
E4408B-1AX	46274	1408
E4408B-1DN1AX	96632	1408
E4411B-1AX	73951	1408
E4411B-1DN1AX	58239	1408
E4412A	58311	1422
E4416A	457120	1421
E4417A	499180	1421
E4418B	91509	1421
E4418B+001	90557	1421
E4419B	65081	1421
E4422B	19719	1487
E6000C-003	485192	1460
E6001A	412168	1460
E6003A	457100	1460
E6003B	481116	1460
E6005A	449138	1460
E6008B	456168	1460

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Manufacturer / Mfg. Part Number Index

Mfg. Part Number	SKU	Page
E6009A	446148	1460
E6012A	484140	1460
E6080A	483138	1460
E6082A	411143	1460
E6083A	450143	1460
E6091A	466139	1460
E6392-60001	479137	1475
E6392B	482146	1475
E6392B/040/050	456112	1475
E6393B/002	483171	1475
E8292A	446153	1475
E8294A	458114	1475
E9300A	72603	1422
E9300B	72633	1422
E9321A	482191	1422
E9322A	471187	1422
E9323A	426196	1422
E9325A	421183	1422
E9326A	484173	1422
E9327A	451178	1422
N1616A	415058	1442
N1625A/110	465064	1442
N1627A	415036	1442
N1660A	473089	1442
N1690A/105	492045	1442
N1690A/110	466005	1442
N1690A/125	493030	1442
N1725A/001	444086	1443
N1725A/011	440071	1443
N1725A/111	491096	1443
N1727A/001	417084	1443
N1727A/031	468064	1443
N1727A/320	415025	1443
N1735A/010	414037	1441
N1737A	461092	1440
N1737A/010	466091	1440
N1738A/110	486085	1443
N1738A/120	419033	1443
N1738A/130	475006	1443
N1739A/100	452069	1448
N2597A-030	483137	1452
N2597A-040	476152	1452
N2600A-100	462173	1452
N2600A-150	414107	1452
N2604A-200	492131	1452
N2604A-301	415158	1452
N2605A-050	489130	1452
N2605A-093	473117	1452
N2605A-134	410139	1452
N2605A-137	465146	1452
N2610-001	458349	1445
N2610A-100	417346	1445
N2610A-130	452308	1445
N2610A-150	473325	1445
N3970A	465179	1459
N3970A/001	432142	1459
N3974A	423197	1459
N3977A	482188	1460
N3978A	472152	1459

AIM Electronics Corp

Mfg. Part Number	SKU	Page
24-8832K	73527	1551
25-7260	463398	1748
25-7300	24518	439
25-7550	42306	431
25-B58	98329	448
26-8000	14797	437
26-8002	53190	437
26-8010	99194	432
26-8012	81309	432
26-8014	55520	432
26-8015	93913	434
26-8016	17737	428
26-8017	17504	432
26-8018	94081	428
26-8020	34054	446
26-8023	46634	1432
26-8025	66404	437
27-4034	72286	443
27-4035	18465	433
27-8100	36586	446
27-8110	67653	428
27-8120	54439	428
27-8130	99074	429
27-8140	22415	429
27-8141	69344	429
27-8150	82558	429
27-8250	47467	428
27-8260	98650	434
27-8471	30951	429
27-9007	96701	1431
27-9017	47287	1431
27-9046	411376	440
27-9068	66846	433
27-9215	39388	440
27-9278	21864	433
29-3100	86216	443
29-3103	26762	443
29-3835	80867	428
29-3840	48292	430
29-3855	88904	428
29-3861	69724	430
29-4030	64348	443
29-4100	23113	433
29-4105	36327	431
29-4110	76359	431
29-4112	53169	431
29-4130	49541	431
29-4140	61506	434
29-4145	25133	431
29-4150	74720	428
31-1954-50P	27071	660
31-1956-50P	14171	660
31-1958-50P	38101	660
31-1996-50	465133	660
31-2198-UL	493176	660
32-2098 UL	486001	660
32-5988UL	34128	660
32-5998-UL	34130	660
40-9709H	488300	448
40-9709HS	439363	448
40-9709M	491352	448
40-9709S	453322	448
40-9715H	474144	448
40-9715HS	465393	448
40-9715M	466169	448
40-9715S	447170	448
40-9725H	92024	448
40-9725HS	419353	448
40-9725M	40417	448
40-9725S	78810	448
40-9844T	475310	448
40-9856M	484307	448
40-9866S	427328	448
40-9915M	429310	448
40-9915S	431318	448
40-9925M	498393	448
40-9925S	441346	448
CP-88T-50	60801	1431
CP-AD800	78678	433
CPN-CL-16	44545	437

AleEv (formerly MTU)

Mfg. Part Number	SKU	Page
21051	468036	1047
21055	488061	1047
21056	498049	1047
21057	425087	1047
21059	430051	1047
21060	461041	1047
21063	499086	1047
21065	476019	1047
21068	420006	1047
21069	496001	1047
21072	437067	1047
21074	420061	1048
21078	463070	1047
21083	481026	1047
21088	444013	1047
21091	464030	1048
21098	427336	1047
21106	494385	1047
21107	462378	1046
21195	476397	1047
21300	412352	870
21301	453324	870
21302	486336	870
21303	412376	870
21304	440345	870
21305	473378	870
21501	486391	1011
21503	484354	1011
21504	491194	1012
21505	469163	1011
21506	450197	1011
21507	455187	1011
21508	494176	1012
21509	469152	1011
21511	455138	1011
21512	440119	1011
21513	488176	1012
21514	411182	1011
21515	473188	1011
21516	489108	1012
21517	492132	1012
21518	441182	1011
21519	489181	1012
21520	432139	1011
21521	475172	1012
21522	490393	1011
21523	480372	1011
21524	452331	1011
21525	416348	1010
21526	442385	1010
21527	425119	1011
21528	448338	1010
21529	475348	1011
21530	414362	1010
21531	466314	1011
21534	410310	1010
21535	494173	1012
21537	448331	1010
21538	457302	1011
21540	428159	1011
21541	483174	1012
21542	432133	1011
21543	425178	1011
21544	412185	1011
21545	467146	1011
21546	436374	1010
21547	440332	1010
21549	478317	1011
21550	483369	1011
21551	439366	1010
21552	428366	1010
21565	431369	1011
21566	436304	1011
21567	455397	1011
21568	451319	1011
21673	495312	1038,
1053, 1062, 1073		
21721	452334	1018
21722	498347	1018
21725	464343	1018
21726	492355	1018
21727	444357	1018
21728	449360	1018
21729	454394	1018
21730	494310	1018
21731	467368	1018
21732	445361	1018
21733	428372	1018
21734	425374	1018
21735	488348	1018
21738	426373	1018
21739	459376	1018
21740	463369	1018
21780	452381	1018
21781	484335	1018
21782	466395	1018
21783	459399	1018
21784	449356	1018
21785	435387	1018
21786	480361	1018
21800	419347	762
21801	429396	762
21802	486362	763
21804	410340	762
21805	458354	763
21806	466375	763
21807	496317	763
21808	414376	762
21809	427350	762
21810	490396	763
21811	421366	762
21813	456328	763
21814	448353	762
21815	490320	763
21816	414315	762
21817	421357	7
21818	465354	7
21819	476331	7
21926	458364	10
21927	424348	10
21928	447313	10
21929	418348	10
21930	434377	10
21931	416340	10
21961	439316	10
21962	482393	10
21963	422373	10
21964	425382	10
21965	489358	10
21966	474338	10
21967	480370	10
21968	481361	10
21969	483396	10
21970	422367	10
21971	422396	10
21976	424379	10
21977	429321	10
21978	447362	10
21979	428378	10
21980	418352	10
21984	493321	10
21985	499314	10
21986	472333	10
21987	447314	10
21988	444393	10
21989	469378	10
21990	467319	10
21991	446353	7
21994	459377	10
21995	420383	10
22104	411333	10
22132	31055 890,	13
22148	17841	10
1058, 1067, 1392		
40147	28009	10
1045, 1059, 1067, 1349		
80038	434096	10
80060	71652	10
80062	82368	10
80063	30761	10
80065	69154	10
80066	17547	10
80092	51122	10
80093	12729	10
80155	480306	10
1044, 1067, 1071, 1075, 1347		
80195	26325	4
80260	417085	10
80261	478023	10
80262	438094	10
80263	435072	10
80264	428087	10
80266	435039	10
80267	498050	10
80269	413061	10
80341	10021	11
80607	42904	10
80609	478012	10
80617	453066	10
80625	456012	10
80629	434055	10
80632	434018	10
80762	498087	9
80764	414068	9
80765	495062	9
80766	449091	9
80768	471032	9
80769	490071	9
80777	480081	9
80778	492037	9
80779	445072	9
80786	453011	9
80787	446064	9
87740	447071	10
87741	471022	10
91058	89244	10
1056, 1064, 1144		

Allen Tools

Mfg. Part Number	SKU	Page
10900	91596	15
10909	65168	15

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Mfg. Part Number	SKU	Page
0912	51954	1584
0913	90347	1584
0930	12312	1584
1900	26775	1584
1913	78382	1584
1914	77133	1584
1927	50705	1584
1930	25526	1584
2830	63919	1584
9009	16059	1582
9011	54452	1582
9019	28024	1582
9125	49398	1583
9127	34116	1582
9135	66417	1582
9136	79631	1582
9142	79320	1582
9144	66106	1583
9211	463112	1582
9220	53203	1582
9222	39678	1583
9230	499091	1583
9232	57923	1583
0557	58003	1584
757	75917	1585
2604	92047	1583
2608	40440	1583
2610	78833	1583
3012	79623	1581
3675	70776	1601
3676	32495	1611
3714	58413	1601
3910	32682	1581
3911	49122	1581
3911B	73386	1581
3913	75550	1581
3914	68604	1581
3916	20458	1581
3917	38406	1581
3918	23943	1581
3925	58137	1581
3301	33219	1583
3846	45709	1589
3847	84102	1589
3915	10729	1586
3932	62336	1586
3966	87515	1587
3970	35908	1587
3190	468059	1586
3320	98493	1587
3346	21869	1586
3348	33834	1587
3349	98655	1586
3382	21779	1587

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70.0006	79227	475
71.0008	17992	475
68.11.33.00	475167	136
25.16.33.00	424130	109
30.18.33.00	96442	109
31.16.33.00	88461	111
43.24.33.50	70154	97
44.24.05.50	18547	92
45.24.33.50	43726	90
82.40	443154	175
82.42	499131	175
84.15	36478	165
84.42	441113	167
99.40	442341	176
99.40	470147	177
00.40	477138	176
00.42	462197	176
00.44	426358	174
08.01	17785	165
21.14	47955	178
50.03	38445	184
51.01	73134	183
54.10	30612	475
54.11	451374	475
36.00	422147	242
90.00	490196	124
91.00	494180	125
92.00	458133	128
56.00	480303	475
91.00	455348	184

Mfg. Part Number	SKU	Page
7824.00	448199	108
7834.00	458141	106

Allot Comm.

AC-601	478356	674
AC-701F	460153	674
AC201/10M	460384	674
AC201/2M	445348	674
K1025NP	461380	674
K103020 - AC302	426338	674
K104020 - AC402	470362	674
K1050NP	436392	674
K1100NP	463360	674
K1500NP	459355	674
S002890	447181	674

Alvarion

811402	22920	678
811403	20422	686
811701	469269	686
811708	424260	686
811711	477231	686
811719	438224	686
925811	440377	685
AL-1	30908	684
AP-10	87741	678
AP-10D	72029	686
AU-E-BS-HP-2.4	461015	689
AU-E-NI-HP-2.4	425077	685
AU-I-D	11413	685
BREEZEVIEW	496146	685
BS-PS-2.4	488048	689
BS-PS-AC	417366	689
BS-SH-2.4	490001	689
BU-DS.11	416187	686
BU-DS.11D	475068	686
BU-DS.5800	437314	685
BU-DS.5800-D	421312	685
CBL-CAT 5, 50M	458387	685
CX-AE-SA-2.4	484308	685
DK-DS.5800	433315	685
LA-IF	484163	684
LMR-400-10'N-TYPE	497199	685
LMR-400-30'N-TYPE	410189	684
LMR-400-50'N-TYPE	491175	684
MC-1	69288	685
MOBILE-5-2.4	433334	684
ODB-2	60825	685
OMNI-2	32188	684
OMNI-5	32223	684
OMNI-8 KIT	430194	684
OMNI-8-5.8	486332	684
PI-CAT-5	32049	684
PS-1	47674	685
PS-BU/RB	423328	685
RB-DS.11	425122	686
RB-DS.11D	488022	686
RB-DS.5800	467392	685
RB-DS.5800-D	457381	685
SA-40	60064	678
SA-40D	97208	686
SA-PCD	32387	686
SA-PCR	85243	678
SECT-17V-60	479119	684
SECT-17V-90-5.8	447390	684
SPF-1	16532	684
SPF-5.8	479321	685
SU-A-1D-HP-2.4	464055	685
SU-A-1D1V	11492	685
SU-A-BD-HP-2.4	483037	686
SU-E-1D-HP-2.4	482044	685
SU-E-BD-2.4	463190	685
SU-E-BD-HP-2.4	442381	686
SU-I-D-1D 20 PACK	411194	685
SU-I-D-1D-2.4	496113	685
SU-I-D-BD-2.4	460044	685
SU-M5-2.4	418397	685
SU-RA	419102	685
SU-RN-1D-A7-2.4	457126	685
SU-RN-1D-A9-2.4	439104	685
UNI-13 KIT	418155	684
UNI-16 KIT	498182	684
UNI-24 KIT	458184	684
UNI-28-5.8	480339	684
UNI-9 KIT	32149	684
WB-10D	45601	686

AMERITEC CORPORATION

AM-44	491107	1447
AM-47	413257	1447
AM-48	480315	1447

Amphenol

2900	24201	434
31-202	85275	442
31-208	17232	429
31-212	33668	442
31-216	55625	428
31-218	67590	429
31-219	68839	429
31-2221	90995	442
31-2367-45RFX	87236	440
31-2367RFX	48843	440
31-2368	93165	440
31-28	80804	428
31-320	44909	441
31-320-RFX	27572	441
31-321-RFX	79179	441
31-5677	97112	445
31-5677-1000	56636	445
31-5678	19617	445
31-5679	41673	445
31-5684	28459	445
31-5685	44796	445
31-5686	83189	445
31-5705	69975	444
31-5900	93292	442
31-9	29197	429
34025	19205	437
34025-RFX	34157	437
34125	51878	432
35275	86524	438
4400	62594	434
6775	58123	442
81-115-N	71969	443
81-115BK-1000	40816	443
81-116	20454	443
82-100	38664	433
82-101	14734	432
82-202	31170	437
82-202-1006	17956	437
82-202-1006	88690	437
82-202-RFX	85764	437
82-209	97240	438
82-209-1006	45633	438
82-213	90271	433
82-312	52602	437
82-4352	11824	437
82-4426-11RFX	80428	436
82-5375-RFX	28821	436
82-5378	48131	438
82-61	82053	437
82-63	30446	437
82-64	78306	432
82-66	39913	432
83-168	68308	439
83-185	16701	439
83-1AP	49380	434
83-1J	10987	434
83-1R	12960	439
83-1SP	40637	439
83-1SP-1050	92244	439
83-1T	87773	434
83-58FCP	27423	438
83-58FCP-RFX	67214	438
83-822 PL259	79030	439
83-886	28013	439
901-167	25450	428
901-9884	36959	444
908-41300	22162	447
A4NF	43646	412
A4NM	95253	412
A4NM-S	18467	412
A4PDM	36008	412
A4PNM	87615	412
A4PNM-S	31681	412
APH-716F-F	85799	430
APH-716F-NF	32943	430
APH-716F-NM	43659	430
APH-716M-M	99013	431
APH-716M-NF	82052	431
APH-716M-NM	30445	431
UHF/176 ADAPT	53851	439

Amphenol Connex

112-116RP	61528	444
112-144RP	84727	444
122-393RP	68715	445
122409-RP	436338	445
132-122-10	460029	444
132-299-10	461054	444
132236RP	423009	444
242-145	483180	429
242112	93682	432
242133	443117	432
NT-322	96255	433

AMREL

180	70066	1447
185T	51751	1446
186T-301	15456	1447
186T-302	469275	1447
188T-301	10042	1447
188T-302	446382	1447
2000 W/TEL-DIALER	484346	1447
ACAD-2	448327	1447
HD-10	412388	1446
RC-45	496358	1446
TELESENCE 1000	419083	1446
TELESENSE 2000	96735	1447

Andrew Broadband Wireless

18T-2400-1	40728	185
18T-2400-1-F	454084	185
26T-2400	40735	186
26T-2400-F	55049	186
26T-2400-F-10	57776	186
26T-2400/10 PACK	74805	186
DL-2402	40856	225
DL-2402/10	499105	225
DL-2412	40858	225
DL-2412/10	425138	224
QD-2127	453341	226
QD-2402	40790	227
T-2400	420132	186

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114468	98098	1559
114469	59705	1559
163DC	64284	392
163DE	459142	391
163DZ	486174	391
163SE	468187	391
164SC	438389	391
190DZ	416308	393
19256B	488105	461
204679A-14	484312	517
204679A-2	495151	517
204679A-3	449128	517
204679A-4	455190	517
204679A-7	416192	517
204679A-8	482170	517
204989-2	491147	457
204989-22	456175	458
204989-4	411120	458
204989-6	470135	458
206706-4	426150	455
207106	415170	239
209797	432171	457
209798	423175	457
209799	487134	457
209800-15	457180	456
209800-17	487107	456
209800-25	490107	456
209800-28	443139	456
209820	460151	456
209874	446118	1557
210	436195	463

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Manufacturer / Mfg. Part Number Index

Mfg. Part Number	SKU	Page
221213	488136	1743
222954	418127	1557
223158	481194	457
224351	34197	1559
224352	15754	1559
224353	84555	1559
224354	20767	1559
224355	32948	1559
224356	71341	1559
224358	79446	1559
224360	69073	1559
224361	54665	1559
224362	30680	1559
224363	93058	1559
224368	17466	1559
224373	21467	1559
224377	27839	1559
224380	85804	1559
224390	19734	1559
224391	58127	1559
224392	96520	1559
224393	22232	1559
224394	60625	1559
224395	85310	1559
241088-1	444197	457
241088-3	458118	458
241088-4	497182	458
241088-7	11149	457
241088-9	466115	458
241372	418107	1557
241455-4	455176	426
241474-4	462122	1561
241475-8	411145	1561
241475-9	426158	1561
241496-4	479373	426
241953	488155	1559
242075-3	432190	426
242075-4	419150	426
242774	499122	526
243095-1	415184	525
243095-10	428112	525
243095-11	493198	525
243095-12	464132	525
243095-2	459193	525
243095-3	492125	525
243095-4	485146	525
243095-5	424125	525
243095-6	411131	525
243095-7	490149	525
243095-8	495100	525
243095-9	443136	525
24312A	417152	461
243398	411104	1559
243684	471140	526
243950	441108	560
243951	410160	560
244338	492166	528
244350	421111	536
244372	447185	1560
244373	447105	1560
244374	479129	1560
244375	448119	1560
244376	451167	1560
244377	469123	1560
244378	467121	1560
244379	468172	1560
244456	498185	569
244494	432149	1559
245502	436102	1560
247696	422158	1560
247698	459114	1560
252DE	443174	391
252DET	461136	391
252SEM	427172	391
25435-5	487141	463
25436-50-10	498155	464
29958	470175	461
29961	454129	461
30848-2	456109	527
30848-3	452309	527
30848-4	441136	527
30848-5	493110	527
31535	481177	461
31768A	496187	526
31769-5	486112	456
33544-33	479183	393
33544-38	491181	393
33544-41	476383	393
33586-7	446129	393
33586-8	436141	393
34767A-27	495147	425
34767A-28	423174	425
34767A-35	448182	425
34767A-38	456173	425
34767A-39	440176	425
34767A-43	417197	425
35849A-6	440165	513
39098-137	442194	393
39099-137	470141	393
40417	432112	1746
40656A-1	448166	511
40656A-2	470109	511
40656A-3	427147	511
40656A-7	479198	511
40954-2	466374	456
41108A-1	461318	527
41108A-2	444303	527
41108A-3	429312	527
41SP	426122	403
42396A-2	445112	454
42396A-5	499150	454
42396A-7	442166	455
43094	440126	460
43211A	482185	454
44ASCM	468168	407
44ASP	477147	406
44ASU	421110	406
45665-1	491112	240
45665-2	465184	240
49486	497154	393
520570-1	458186	477
520570-2	497127	477
55000A-137	487155	392
55001-112	479191	392
55001-137	444185	392
55219-137	496188	392
58249-WNQ	465105	70
600899A-2	420160	475
75AR	416134	424
87G	430111	424
87R	440162	424
AE01D-D1658-100	458172	463
AE01D-D1661-100	447197	463
AE01K-B0518-001	418126	463
APG-BDFDF-230	441170	552
APG-BDFDM-350	495125	552
APG-BNFNF-090	426124	552
APG-BNFNF-230	474163	552
APT-DFDM-2	498131	551
APT-NFNF-6	455351	551
APT-NFNM-1	471133	551
APTDC-BDFDF-WB	479180	551
CNT-195	417311	395
CNT-200	438361	396
CNT-240	480399	396
CNT-300	415356	396
CNT-400	429329	396
CNT-400-DB	434384	396
CNT-400-FR	486376	396
CNT-500	410362	371
CNT-500	494354	371
CNT-500-DB	487394	371
CNT-500-FR	429327	371
CNT-600	438362	375
CNT-600	461373	375
CNT-600-DB	440340	397
CNT-600-FR	492329	397
CPT-BKS1	488113	1557
CPT-E2L2DIN	476169	1557
CPT-E2L2N	498138	1557
CPT-F4	453135	1557
CPT-HANDL	469148	1557
CPT-L1	431138	1557
CPT-L45RC	417183	1557
CPT-L4ARC1	478126	1557
CPTL5A	426134	1557
CPTL6	462131	1557
CPTL7	448183	1557
CTS08G-09015-0DM	438148	110
E2PDF-C	420113	405
E2PDM-C	479121	405
E2PDR-C	451151	405
E2PNF-C	494100	405
E2PNM-HC	417105	405
E2PNR-HC	469160	405
E2PTF	448101	405
E2PTM	434135	405
E2SM	496120	405
E2UF	493103	405
E2UM	471117	405
EFX2-50	478154	370
EW180-180	432320	389
EW52	485131	388
EW63	433191	388
EW77	483147	389
EW90	480196	390
EWBTK-5	490124	392
EWFTK-52	419194	393
EWFTK-63	450148	393
EWP52-59	462344	388
EWP63-65	440379	388
EWSH-52	483191	455
EWSH-63	484189	455
EWSH-64	422165	455
EWSH-77	469161	455
EWSH-90	425170	456
F137PA0120BS	497382	391
F137PA0240BS	432181	391
F137PC0120DS	419350	391
F137PC0240CA	448126	391
F137PC0240CB	421168	391
F137PC0240CS	498152	391
F137PC0240DS	458301	391
F137PC0360CA	430185	391
F137PC0480CA	460377	391
F1FM-75	430141	404
F1MU	463184	403
F1PBM	461194	403
F1PNF	483185	403
F1PNF-BH	485149	403
F1PNM-HF	480194	403
F1PNMV2-H	490150	403
F1PNR-HC	417130	403
F1PSM	434176	403
F1PSR	463135	404
F1PTM	489105	403
F1PTM-HF	498153	403
F2PDF-PM	441141	404
F2PDM-C	474195	404
F2PDR-C	445123	405
F2PNF-C	452115	405
F2PNM-H	451105	405
F2PNM-HC	484126	405
F4A-PDMDF-10USA	468160	450
F4A-PDMDF-3USA	423178	449
F4A-PDMDM-10USA	466123	450
F4A-PDMDM-6USA	413105	449
F4A-PDMDM-8USA	445151	449
F4A-PDMDR-3USA	446169	449
F4A-PNMDM-15USA	427199	450
F4A-PNMDM-6USA	413107	449
F4A-PNMNM-10USA	449159	450
F4A-PNMNM-20USA	482104	450
F4A-PNMNM-3USA	477157	449
F4A-PNMNM-6USA	413106	449
F4NF	83950	406
F4NF-7570	472171	407
F4NM-7550	417180	407
F4NM-7570	447191	407
F4PDF-C	472102	406
F4PDF-PM	444192	406
F4PDMV2	490134	406
F4PDMV2-C	452194	406
F4PDR-C	454102	406
F4PNF-BH	443102	406
F4PNF-C	434106	406
F4PNMV2-C	415171	406
F4PNMV2-H	469180	406
F4PNMV2-HC	441175	406
F4PNR-HC	496107	406
FPA5250D06-N	450165	198
FPA5250D12-N	456160	198
FPA5250D24-N	414117	198
FSJ1-50A	441181	368
FSJ2-50	497146	370
FSJ4-50B	430174	371
FSJ4-75A	468178	383
FSJ4RN-50B	437129	371
FST-114	461366	[illegible]
FST-158	457372	[illegible]
FST-78	419383	[illegible]
FST-78A	442391	[illegible]
GASTUBE-090	490161	[illegible]
GKT-114	453108	[illegible]
GKT-158	448151	[illegible]
GKT-78	414186	[illegible]
GKT-BK-512	475393	[illegible]
GKT-BKU	426139	[illegible]
GKT-L4	414190	[illegible]
H4PNM	414103	[illegible]
H5MB-014	485182	[illegible]
H5PDF	437157	[illegible]
H5PNF	417171	[illegible]
H5PNM	427122	[illegible]
H7MB-014	489151	[illegible]
H7MP-014	426145	[illegible]
H7NM-T	446126	[illegible]
H7PNF	470146	[illegible]
HJ4-50	468149	[illegible]
HJ5-50	472196	[illegible]
HJ5RP-50	420118	[illegible]
HJ7-50A	468114	[illegible]
HJ7RN-50A	465186	[illegible]
HJ7RP-50A	464133	[illegible]
HL4RP-50A	484161	[illegible]
KP3F-23-NWM	462143	[illegible]
KP4F-23-NWM	492187	[illegible]
KP6F-23-NWM	414170	[illegible]
KPR3F-23-NWM	494137	[illegible]
KPR4F-23-NWM	419172	[illegible]
KPR6F-23-NWM	479155	[illegible]
L12PDF	497118	[illegible]
L12PDM	482138	[illegible]
L12PNF	495145	[illegible]
L1PNF	468132	[illegible]
L1PNF-BH	485350	[illegible]
L1PNM-H	428196	[illegible]
L1PNM-HC	497120	[illegible]
L1PNR-HC	467166	[illegible]
L2PDF-C	415107	[illegible]
L2PDM-C	460159	[illegible]
L2PNF	438177	[illegible]
L2PNM-H	411144	[illegible]
L2PNM-HC	449125	[illegible]
L4.5PDF-RC	474114	[illegible]
L4.5PDM-RC	422130	[illegible]
L4.5PNF-RC	438107	[illegible]
L4.5PNM-RC	451136	[illegible]
L42EWT	489194	[illegible]
L42WS	439150	[illegible]
L44P	438186	[illegible]
L44R	414132	[illegible]
L44U	445159	[illegible]
L44Z	411133	[illegible]
L45CLICK	458151	[illegible]
L45F	435113	[illegible]
L45R	433117	[illegible]
L45Z	485179	[illegible]
L46S	497137	[illegible]
L47F	493194	[illegible]
L47R	491134	[illegible]
L47S	446188	[illegible]
L47Z	466120	[illegible]
L4A-PDMDM-10USA	420108	[illegible]
L4A-PDMDM-3	449105	[illegible]
L4A-PDMDM-3-USA	473331	[illegible]
L4A-PDMDM-6-USA	435188	[illegible]
L4A-PDMDM-8USA	471105	[illegible]
L4A-PNMDM-10USA	417114	[illegible]
L4A-PNMDM-3USA	451173	[illegible]
L4A-PNMDM-6-USA	426109	[illegible]
L4A-PNMNM-10USA	486193	[illegible]
L4A-PNMNM-15USA	450178	[illegible]
L4A-PNMNM-3USA	497192	[illegible]
L4A-PNMNM-6USA	456114	[illegible]
L4A-PNMNM-8USA	421302	[illegible]
L4CLICK	418162	[illegible]
L4NM-7570	468155	[illegible]
L4PDF	438183	[illegible]
L4PDF-RC	437155	[illegible]
L4PDM	499170	[illegible]
L4PDM-C	452156	[illegible]
L4PDM-RC	479166	[illegible]
L4PDR-C	428133	[illegible]

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Mfg. Part Number	SKU	Page
L4PNF	476126	410
L4PNF-BH	414194	411
L4PNF-RC	429193	410
L4PNM	475164	410
L4PNM-H	420152	410
L4PNM-RC	483183	410
L4PNR-HC	498148	410
L4SGRIP	417125	460
L5BPDF-RC	411380	416
L5BPDM-RC	423374	416
L5BPNF-RC	448342	416
L5BPNM-RC	484300	416
L5CLICK	427164	525
L5NF	449188	415
L5NM	419147	415
L5PDF	475143	415
L5PDF-RC	427115	415
L5PDF-RPC	480119	415
L5PDM	484113	415
L5PDM-RC	438115	415
L5PDM-RPC	451142	415
L5PDR	494135	415
L5PNF	448134	415
L5PNF-RC	498120	415
L5PNF-RPC	471110	415
L5PNM	439131	415
L5PNM-RC	493100	415
L5PNM-RPC	416103	415
L6CLICK	464161	525
L6PDF	468145	419
L6PDF-RC	424110	419
L6PDM	418147	419
L6PDM-RC	446170	419
L6PDM-RPC	412155	419
L6PNF	454149	418
L6PNF-RC	440107	419
L6PNF-RPC	486155	419
L6PNM	485127	419
L6PNM-RPC	491141	419
L7CLICK	439114	525
L7PDF	486185	421
L7PDF-RC	480161	421
L7PDF-RPC	439105	421
L7PDM	454155	421
L7PDM-RPC	415160	421
L7PNF	436158	421
L7PNF-RC	466128	421
L7PNF-RPC	441189	421
L7PNM	472186	421
L7PNM-RPC	491148	421
L7SGRIP	430146	460
DF1-50	469162	373
DF12-50	439120	383
DF2-50	458139	373
DF4-50A	429150	374
DF4-75A	416175	383
DF4.5-50	466137	377
DF4RN-50A	447176	374
DF5-50A	471168	378
DF5-50B	422150	378
DF5RN-50A	480183	378
DF6-50	446142	380
DF7-50A	417128	381
DF7RN-50A	414178	381
CPT-1412	470164	1557
CPT-78	410199	1557
CPT-L4	481156	1557
N6600	438327	462
N6600-L	450300	462
T050-81015	418175	462
T050-81315	410161	462
RF-52-N7A	438172	199
RF-57W-N7A	417168	210
SF-52-N7A	419130	199
SF-57W-N7A	435179	211
SF-57W-N7A	490184	211
CS-06516-0DM	431152	177
CS-06516-2DM	479172	177
CS-06517-0DM	445177	178
CS-06517-2DM	417148	178
CS-09014-0DM	425158	172
CS-09015-2DM	454116	174
CS-09016-0DM	436166	176
6-71W-PXA	427137	215
MT200-82015	479111	462
MT200-82315	444104	462
QD-2327SM10-1	498311	259
RXL4-1A	445182	386
RXL4-3RNT	410119	387
RXP4-1	438007	387
SAA	497169	526
SD-003	417377	463
SGL12-06B2	422138	459
SGL4-06B1	444140	458
SGL4-06B2	488148	458
SGL45-06B1	480197	458
SGL45-06B2	474142	458
SGL5-06B1	474166	458
SGL5-06B2	487116	459
SGL5-15B4	451150	459
SGL6-06B2	475100	459
SGL7-06B2	462100	459
SSH-114	487158	456
SSH-12	484188	456
SSH-78	424133	456
STS-23	484117	528
STS-34	444196	528
TB-COMP-KIT	67934	1558
TB-F14L4-KIT	465131	1559
UGBKIT-2	415105	565
V5PDF-RPC	418164	418
V5PDM-RPC	423134	418
V5PNF-RPC	431118	418
V5PNM-RPC	416125	418
V6PDF-RPC	490183	419
V6PDM-RPC	463123	419
V6PNF-RPC	438195	419
V6PNM-RPC	469104	419
V7PDF-RPC	431113	422
V7PDM-RPC	421124	422
V7PNF-RPC	491106	422
V7PNM-RPC	499114	422
VXL5-50	458116	372
VXL6-50	426195	380
VXL7-50	480131	381

Andrew Wireless

Wireless Products

Andrew Wireless Products, a division of Andrew Corporation, designs, manufactures, and distributes wireless antennas and accessories for cellular, PCS, GPS, SMR, SDARS, DAB and paging communications.

5400	86138	1331
5405	34531	1331
5409	21317	1331
5450	442118	1331
5455	433140	1331
5459	480113	1331
7300	32749	1342
7300-M	76585	1353
7300-S	97570	1341
7300-S/24	34716	1341
7300M-GL	15060	1353
7305	71142	1342
7305-S 24 PK	48743	1341
7305-S	45963	1341
7305/24 PK	35529	1342
7305/24-C1	72419	1342
7309	84356	1342
7309-S	59177	1341
8-EC-M	99064	1322
8220-NC	98689	1277
8250-M	57634	1322
AA02-25000	20784	1347
ACC-10	63878	446
ACC-10/50 PK	37685	445
ACC-11	12271	445
ACC-11/50 PK	76078	445
ACC-12	50664	445
ACC-13	70289	445
C570	99739	1152
EXT-K3	66466	1352
EXT-K3-S	13847	1352
EXT-K3FTTC	41287	1352
FM110	99798	1388
FM130	48191	1388
FM150	14951	1388
FM50	36226	1388
FM70	74619	1388
FM90	23012	1388
FMC-600	86113	1384
MT-60 24 PK	73922	1385
MT-60	99112	1385
MTC-400	34506	1384
MTC-600	21220	1384
P7300	62757	1342
P7300-M	46883	1353
P7300-S	58828	1341
P7300M-S	73109	1352
P7305	33649	1342
P7305-S	97221	1342
P7309-S	49543	1341
RMK-EG	73636	1352
RMK-K3	94744	1352
RMK-K3/24	14678	1352
X-20	85898	1388
X-40	34291	1388
XC-200	18066	1388
XC-400	56459	1388
XC-600	94852	1388

Anritsu

Anritsu, one of the world's largest providers of technology solutions, including the MS2711B Handheld Spectrum Analyzer and the Site Master line of Cable and Antenna Analyzers.

1030-86	415153	1405
1030-87	495191	1405
1030-88	444180	1405
1030-89	451185	1405
10580-00045	55985	1402
1091-27	32531	1415
15KKF50-1.5A	71481	1414
15ND50-1.5C	467157	1414
15NDF50-1.5C	453170	1414
15NN50-1.5C	475111	1414
15NN50-3.0C	469138	1414
15NN50-5.0C	446179	1414
15NNF50-1.5B	62634	1414
15NNF50-1.5C	412189	1414
15NNF50-3.0C	435170	1414
15NNF50-5.0C	497115	1414
1CN50	434175	1413
1N50C	36038	1414
2000-1029	29834	1415
2000-1030	70794	1415
2000-1031	84138	1415
2000-1032	55039	1415
2000-1034	99164	1415
2000-1035	70808	1415
2000-1200	483353	1415
2000-753	19165	1415
2000-767	67550	1413
2000-768	15943	1413
22K50	35921	1413
22N50	77929	1413
22NF50	37905	1413
23UA137	41600	1413
23UA42	35892	1414
23UA90	35891	1414
24UA137	54814	1413
24UA42	35900	1414
24UA90	35895	1414
26UA137	79993	1413
26UA42	35906	1414
26UA90	35902	1414
28K50	35929	1413
28KF50	498376	1413
28N50-2	60335	1413
28NF50-2	426171	1413
34NFNF50	22625	1413
34NN50A	98488	1413
34RKNF50	36006	1414
35UA137N	28386	1414
35UA42K	35991	1414
35UA90N	35967	1414
42N50-20	464127	1414
42N50A-30	62681	1414
510-90	47858	1413
510-91	86251	1413
510-92	21430	1413
510-93	46609	1413
510-96	53846	1413
510-97	40632	1413
5400-71N50	17730	1414
551-1691	427380	1415
560-7K50	36031	1415
560-7N50B	97479	1414
61N50	437190	1405
61NF50	437187	1405
633-27	55521	1415
70-28	425330	1415
760-209	495143	1423
760-215A	52750	1415
800-441	20084	1415
806-62	15448	1415
D41310	490128	1423
K222B	36029	1414
MA2423B	411152	1423
MA2444A	499168	1423
MA2468B	489119	1423
MA2473A	486132	1423
MA2481B	461167	1423
ML2400A/11	497157	1423
ML2407A	476172	1423
ML2408A	446137	1423
ML2437A	484105	1423
ML2438A	422192	1423
MS2711B/8	474148	1405
MS2711B/8/20	444115	1405
OSLN50LF	23234	1413
OSLNF50LF	67687	1413
S113C/1	462186	1411
S113C/5/1	470122	1411
S113C/KIT	435124	1411
S113CQ	470140	1411
S114C/1	449144	1412
S114C/5/1	461176	1412
S251C-01	411176	1412
S251C-01-05	498146	1412
S251C-01-10B	435321	1412
S331C/ 7/16DIN PT	461162	1411
S331C/1	463103	1411
S331C/5/1	425140	1411
S331C/5/PT	420135	1411
S331C/KIT	437171	1411
S331C/PT	462133	1411
S331CQ	456155	1411
S332C/1	496158	1412
S332C/5/1	494170	1412
S810C	487313	1412
S810C/5	491310	1412
S820C	417351	1412
S820C/5	419321	1412
SM/PL	39536	1413
SM/PLNF	89512	1413

Antel International

36110002	48929	474
36110003	91214	474
36114002	430190	474
BCD80010NE	42790	82
BCD80612NE	67233	139
BCD87010NE	24128	138
BCDHV87077NE	70756	123
BCR-80012NE	70823	107
BCR-80015NE	43108	110
BCR80010-NE180	53342	105
BCR80010-NE270	53202	106
BCR80010-NE90	28535	109
BCR80013NE	28404	109
BSA-185090/10NE	83075	172
BSA185065/10NE	83062	175
BSA185065/12NE	83063	176
BSA185090/12NE	83102	175
DT7905/8	17866	476
DT80012	32634	476
DT8009	52093	476
LPD-7907/4DIN	67388	102

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Manufacturer / Mfg. Part Number Index

Mfg. Part Number	SKU	Page
LPD4016/NE	79686	111
LPD7905/4/NE	79759	104
LPD7907/8NE	79799	111
MPA-1700	45147	253
MPA-806	41049	247
MT180	13700	487
MT80010	55280	487
MT8009	66149	474
MT90	50746	487
RWA-80014NE	82688	99
RWA80012NE	91735	105
RWA80013NE	84817	108
RWA80015NE	26914	110
RWA80016NE	84601	100
RWA80017DIN	65248	112
RWA80017E-DIN-3	437156	112
RWA80017NE	65307	112
RWB-80012/90NE	82705	92
RWB-80015/90E-DIN	467174	99
RWB80013/90NE	82795	96
RWB80014/120NE	82849	99
RWB80015/90NE	82828	99

Antenex

Mfg. Part Number	SKU	Page
A4503C	96191	1265
A8063	69348	1336
A8963	56134	1295
AB8063	17741	1336
AB8063C	48640	1336
AB8065CT	87033	1338
AB8963	472334	1295
ABFT	30955	1240
ABFTS	48869	1240
ABSCANC	15243	1303
AD150	93278	1304
AD8150	80064	1304
AFT	82562	1240
AS	94527	1318
ASB	42920	1318
ASCANC	66850	1303
B132S	60605	1240
B1442N	51663	1251
B1443	13270	1247
B1443S	54760	1247
B4503	23461	1261
B4505C	90056	1265
B4505CRO	22208	1322
B4705C	25235	1265
B8065C	75068	1284
BB1442N	89110	1251
BB1443	12021	1247
BB4063	453098	1261
BB4065C	458011	1265
BB4503	12324	1261
BB4505C	23986	1265
BCORNG	416066	1318
C144/440C	81313	1305
C144/440CS	29706	1306
C150/450C	16492	1305
C27	27733	1236
C30	14519	1236
C34	52912	1236
C37	39698	1236
C40	78091	1236
C47	26484	1236
CW27	70146	1236
CW30	39378	1236
CW34	55340	1236
CW37	91480	1236
CW42	68401	1236
CW50	18539	1236
DISC806P	97375	1274
DISC806PN	84161	1274
DISC824M	12371	1350
DISC824MN	75943	1350
DISC824PN	48266	1350
DISC890M	85410	1292
DISC890MN	73445	1292
EB8063	73819	1344
EB8965C	49693	1301
FG1400	11998	22
FG1443	35516	23
FG1483	24057	23
FG1520	94183	23
FG1523	21872	23
FG1560	42576	23
FG1563	78996	23
FG1623	27389	23
FG1683	52278	23
FG2200	49217	13
FG2203	93459	13
FG4303	67181	47
FG4403	59858	47
FG4500	80245	45
FG4503	41852	47
FG4505	50537	47
FG4507	70285	50
FG4603	65782	47
FG4605	89263	47
FG4607	18678	50
FG4700	61107	45
FG4803	75240	47
FG8060	71321	72
FG8063	19714	73
FG8066	51117	77
FG8240	15424	72
FG8243	92210	73
FG8246	76464	77
FG9026	12717	135
FM1	65724	490
FM2	69293	490
G8BI	46392	1357
G8MI	45179	1357
G8PI	25959	1357
G8UT	64352	1357
G8XN	74268	1357
GB8BI	71942	1357
GB8PI	12745	1358
GBR8PI	44711	1358
GM8PI	44584	1358
GPSD4503P	438069	1309
GPSD9023P	434310	1309
GPSU15BNC	56285	1309
GPSU15GBNC	43071	1309
GPSU15GSMA	68250	1309
GPSU15M	56435	1309
GPSU15MCX	94678	1309
GPSU15MMB8B	58607	1309
GPSU15SMA	29857	1309
GR8	91459	1357
GR8PI	95920	1357
GR8PST	24391	1357
HS34	46012	1520
HS34RB	84405	1520
LBM9034	98998	1321
LBM9038	99482	1321
LBMB9034	47391	1321
LBT3400	90979	1320
LBT3800	34177	1320
LBTB3400	57195	1320
LBTB3800	57527	1320
MAB8M	486121	1356
MAB8N	432367	1356
MAB8PS	90780	1356
MABO	39173	1356
MABTO	94399	1356
MABVT8	439362	1356
MB8	40422	1355
MB8L	53272	1354
MB8P	88698	1355
MB8PS	53636	1355
MB8U	78815	1355
MB8UM	27208	1355
MB8UMI	32836	1355
MB8UN	55768	1355
MB8UP	28909	1354
MB8UT	42693	1355
MB8XN	13994	1355
MB8XPST	65601	1355
MBC	72570	68
MBC800	20963	68
MBD	20510	1354
MBF	424197	1355
MBF14	18935	1354
MBO	52387	1357
MIA8063	20452	245
MIA8063ST	20461	245
MX8M	90178	1357
MXO	90229	1357
NS1535	64358	1715
NS3035	75074	1715
Q27S	18953	1234
QW144	62379	1243
QW152	10772	1243
QW450	49165	1259
QW470	39541	1259
QW8063	73095	1279
QW8253	95776	1336
QW8963	21488	1296
QW900	80421	1293
QWB144	87558	1243
QWB152	35951	1243
QWB430	92560	1259
QWB450	74344	1259
QWB470	90425	1259
QWB490	76131	1259
QWB8063	98274	1279
QWB8253	44169	1336
QWB8963	85060	1296
QWB900	459398	1293
QWFT120	22737	1240
QWFTB120	99523	1240
QWRC	27812	1319
QWRCB	52991	1319
RO49T	31140	1321
S	37200	1318
SB	22212	1318
SBT3400	61089	1321
SBTB3400	50239	1321
TM8	56353	1360
TM8PS	50921	1359
TM8U	63301	1360
TM8X	456174	1359
TMB8U	56237	1359
TMB8UN	52655	1359
TMB8UPST	15909	1359
TMB8X	459367	1359
TRA4203-WHITE	69876	1273
TRA4303-WHITE	18569	1273
TRA4503-WHITE	70176	1273
TRA4703-WHITE	56962	1273
TRA8063-WHITE	95355	1290
TRA8213-WHITE	29285	1349
TRA8213NP	491389	1349
TRA8903-WHITE	82141	1294
TRA9023-WHITE	30534	1294
TRA9023N-WHITE	43748	1294
TRAB4503	32575	1273
TRAB8063	47999	1290
TRAB8213	25263	1349
TRABT1420	487128	1253
TRABT1500	443195	1253
TRABT1560	461105	1253
TRAT1420	469153	1253
TRAT1500	474192	1253
TRAT1560	433173	1253
VG1505	86286	20
VG2002	51640	12
VG4065	429131	42
VG4505	73072	42
Y1503	83286	37
Y1505	31679	38
Y2205	82470	16
Y4063	34324	61
Y4065	72717	62
Y4503	70072	61
Y4505	42395	62
Y4506	37145	65
Y80612	92426	121
Y8063	92811	113
Y8066	79518	116
Y89612	53615	150
Y8963	40819	143
Y8966	94674	147
YB1503	420390	37
YE240015	94207	236
YM78	39597	490
YNT1523	42476	35
YNT1526	92834	39
YNT4503	77122	60
YNT4507	25515	65
YNT8063	12301	114
YNT8067	89087	121
YNT8963	37480	145
YNT8967	75873	150
YS1503	22714	37
YS2203	25212	15
YS8063	57360	114
YS8966	95753	147

Antenna Specialists

Mfg. Part Number	SKU	Page
10-51-1	93040	1319
14-254-2	76079	1319
14-254-3	24472	1319
15-1478-1	473160	1349
24-2-28	10407	1318
9-121-1	14878	1318
9-198-1	40057	1352
9-40-1	25594	1318
ACD2702AA	47280	297
AP-868	67684	1343
AP143	32690	1254
AP152.3	11131	1254
AP153	49524	1254
AP454.3	90142	1273
AP454.5	41562	1273
AP455	55801	1273
APD826.1M	47062	1341
APD826.1T	98669	1341
APD827.1M	85455	1341
APD827.1T	33848	1341
APD868/CP	98161	1341
APD873.3M	13524	1341
APD873.3T	27987	1341
APD873/CP	20126	1341
APD876.3M	65828	1341
APD876.3T	79042	1341
APDM5920U	456374	1333
APDM927M	89411	1333
APDM927T	89424	1333
APDM927U	89393	1333
APDM928.1M	429111	1333
APDM928.1T	428192	1333
APDM928.1U	426117	1333
APDM928M	411089	1333
APDM928T	471055	1333
APDM928U	421049	1333
APG874.3M	10138	1291
APG874.3N	48531	1291
APG874.3S	427303	1291
APG874.3T	86924	1291
APR151.3	24345	1255
APR223.3M	91383	1255
APR852.3M	60171	1281
APR852.3N	46957	1281
APR852.3P	85350	1281
APR852.3T	98564	1281
APRD858.3M	30860	1341
APRD858.3T	82467	1341
APRG852.3M	22286	1291
APRG852.3T	64117	1291
APXD873.3M	64602	1341
APXD873.3T	26209	1341
APXD876.3M	52614	1341
APXD876.3T	14221	1341
ASP-2011	88171	[illegible]
ASP121	33541	1372
ASP1810M	35557	1331
ASP1810N	70558	1271
ASP1810T	18951	1331
ASP1815	57344	1271
ASP2015	74957	[illegible]
ASP268	43008	1231
ASP3	36039	1311
ASP3561	29131	24
ASP3BL	22825	1311
ASP446	40510	1241
ASP448	52475	1231
ASP452	77654	1231
ASP552	76405	1231
ASP553	11584	1241
ASP558	23549	1241
ASP570	73907	1311
ASP572	22300	1231
ASP617	45832	49
ASP634	84225	[illegible]
ASP635	32618	[illegible]
ASP636	71011	[illegible]
ASP655	57797	[illegible]
ASP702	39587	[illegible]
ASP705K	34450	[illegible]
ASP7450	83478	1231
ASP7450LS	441060	1231
ASP7454	18657	1231

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Mfg. Part Number	SKU	Page
SP7455	50805	1246
SP7455LS	19903	1246
SP7457	30622	1247
SP760	61019	64
SP7650	42587	1264
SP7650LS	428036	1264
SP7654	53303	1263
SP7655	75984	1265
SP7655LS	58296	1264
SP7657	25626	1264
SP772	87845	1271
SP7790	64019	1260
SP7790LS	466051	1261
SP7795	36342	1261
SP7795LS	96689	1261
SP7A	49579	40
SP816	21377	36
SP817	59770	38
SP861	50176	1251
SP8891	55711	1349
SP8891LF	89537	1349
SP930	30717	1289
SP930N	17503	1289
SP930P	55896	1289
SP930T	94289	1289
SP960	30844	118
SP962	69237	115
SP973	15132	82
SP989	65490	475
SP998	75140	115
SPA1850M	70429	1277
SPA1850N	42881	1277
SPA1850T	29667	1277
SPA1851N	68060	1277
SPA1854N	93239	1277
SPA1855	66811	1277
SPA1860M	70322	1277
SPA1860N	40383	1277
SPA1860T	27169	1277
SPA1860TGPS	482004	1308
SPA1865	13955	1278
SPA2010	11385	3
SPA2011	36564	19
SPA244	87972	19
SPA268	81401	1235
SPA320	23151	488
SPA448	90868	1235
SPA452	26047	1235
SPA552	24798	1235
SPA680	69762	24
SPA682	93692	25
SPA685	54050	26
SPA711	10661	30
SPA712	35840	32
SPA7650	29373	1264
SPA7655	62770	1265
SPA910N	22499	1286
SPA910T	47678	1286
SPA915	96787	1287
SPA952	58521	80
SPA954	11949	73
SPA955	23914	74
SPA977V5	82215	79
SPA9806-50	55114	706
SPB2010	49778	3
SPB268	29794	1235
SPB448	39261	1235
SPB452	64440	1235
SPB552	63191	1235
SPB555	49977	1235
SPB572	60693	1271
SPB574	47479	1252
SPB601	35116	29
SPB602	60295	31
SPB680	18155	24
SPB682	42085	25
SPB685	92443	26
SPB711	49054	30
SPB712	74233	32
SPB7650	28124	1264
SPB7655	11163	1265
SPB772	36238	1271
SPC201	70685	1239
SPC201L	19078	1238
SPC268	68187	1235
SPC572	99086	1271
ASPC574	85872	1252
ASPC601	73509	29
ASPC680	56548	24
ASPC682	80478	25
ASPC685	40836	26
ASPC7650	66517	1264
ASPC7655	49556	1265
ASPD1860	53597	1339
ASPD1860M	91990	1339
ASPD1860TGPS	91466	1308
ASPD1865	52348	1336
ASPD1880M	37885	1339
ASPD1880T	76278	1339
ASPD1894CP	54484	1340
ASPD1894M	40838	1340
ASPD1894T	79231	1340
ASPD680	94941	25
ASPD682	28871	25
ASPD701	14408	51
ASPD8891TGPS	29310	1308
ASPD8894TGPS	29325	1308
ASPD910M	74106	1345
ASPD910T	99285	1345
ASPD913T	58394	1345
ASPD913TGPS	25052	1308
ASPD914TGPS	91597	1308
ASPD915	45180	1344
ASPD954	50342	73
ASPD955	62307	74
ASPD974	78704	85
ASPD975	57434	85
ASPD977	18888	79
ASPD978	42992	80
ASPD9824-50	55168	706
ASPDM1944/CP	43996	1006, 1044, 1058, 1067, 1347
ASPDM1947/CP	415328	1347
ASPDM1960M	10866	1333
ASPDM1960T	49259	1333
ASPDM1960U	87652	1333
ASPDM1965	33547	1333
ASPE682	67264	25
ASPE701	52801	51
ASPE7650	14910	1264
ASPE7655	87949	1265
ASPE973	53525	82
ASPF680	81727	25
ASPF682	15657	25
ASPF701	91194	51
ASPF973	91918	82
ASPG1860N	76259	1295
ASPG1860T	65562	1295
ASPG1860TGPS	412001	1308
ASPG1865	90741	1295
ASPG2994	65332	143
ASPG680	30120	25
ASPG8891	94104	1291
ASPG910T	86071	1300
ASPG911	21250	1300
ASPG915	83573	1300
ASPG930	69110	1292
ASPG952	45307	136
ASPG955	44058	131
ASPG962	17630	148
ASPG973	412118	82
ASPG998	75146	145
ASPH574	36114	1256
ASPH680	68513	25
ASPH7450	45852	1257
ASPH7455	47101	1257
ASPJ952	32093	80
ASPJ977	41743	135
ASPK201L	83120	1239
ASPM1954T	41596	1332
ASPM2801	472031	251
ASPMR2988S	33096	254
ASPP2936	17888	158
ASPP2936E	69569	158
ASPP2936G	56281	158
ASPPD2988	59524	249
ASPPG2988	97917	249
ASPR-7925	410053	1278
ASPR1910	45376	1275
ASPR1915	70555	1275
ASPR332	93366	1361
ASPR368	66938	1319
ASPR613	72260	474
ASPR614	20653	474
ASPR615	59046	473
ASPR616	97439	487
ASPR632	445144	1234
ASPR659	96190	41
ASPR7490	413013	1239
ASPR7495	461029	1240
ASPR766P	86198	61
ASPR790	415029	1239
ASPR7920	499046	1278
ASPR795	479090	1239
ASPRA1410	81271	1243
ASPRA1415	54843	1243
ASPRA1980	57341	1278
ASPRA1985	69306	1279
ASPRA950	46556	78
ASPRB1410	29664	1243
ASPRB1415	93236	1243
ASPRB766P	34591	61
ASPRC1410	68057	1243
ASPRC1415	41629	1243
ASPRD1610	78773	1259
ASPRD1615	65559	1259
ASPRD1980	99282	1339
ASPRD1985	17699	1336
ASPRD700	79229	49
ASPRDM1994M	59545	1332
ASPRDM1994N	63780	1332
ASPRDM1994S	494322	1332
ASPRDM1994T	97938	1332
ASPRDM1994U	22869	1332
ASPRE1615	27166	1259
ASPRF1615	13952	1259
ASPRF700	66015	50
ASPRG912T	23975	1300
ASPRJ1410	42878	1243
ASPRJ1415	16450	1243
ASPRM2972	32218	156
ASPRM2976	95790	157
ASPS177	83899	1245
ASPSA912M	64588	1286
ASPSA912T	14230	1286
ASPSD911	59643	1345
ASPSD912M	28693	1346
ASPSD912T	80300	1346
ASPSD917M	68335	1346
ASPSD917T	29942	1346
ASPSD917TGPS	62572	1308
K115	20797	1320
K126	59190	1318
K145	97583	1316
K166M	45976	1362
K166T	71155	1362
K1810Z	38849	1353
K1860PGPS	442116	1309
K195	57941	1322
K198	96334	1322
K199	44727	1322
K220	95085	1359
K223	30264	1318
K27	94361	1316
K301M	23355	1322
K301P	67408	1322
K301T	15801	1322
K332	54647	1320
K34	81147	1320
K344	41865	1007, 1044, 1059, 1067, 1075, 1348
K345	20386	1044, 1059, 1067, 1348
K346	41870	1044, 1059, 1067, 1348
K347	91418	890, 1348
K349	91436	969, 1348
K35	67933	1320
K35/25	16326	1320
K350	52945	1359
K350N	91338	1362
K350T	78124	1362
K360	26517	1320
K361	64910	1320
K37	54719	1320
K37/25	93112	1320
K39	41505	1320
K39/25	79898	1320
K41	28291	1321
K42	15077	1322
K43	53470	1319
K44	40256	1362
K45	78649	1316
K454.3Z	16652	1322
K455Z	76734	1322
K46	68660	1317
K48	41707	1317
K49	64186	1362
K50	50972	1319
K51	89365	1322
K522	90089	69
K526	38482	69
K528	76875	69
K542	25268	70
K546	63661	70
K548	12054	70
K57	24544	1362
K62	11330	1316
K66	36509	1356
K67	61688	1320
K69	48474	1316
K721	33844	1360
K721GPS	412116	1308
K722	42062	1317
K725	44560	1317
K729	59443	1319
K7490Z	97836	1321
K768	28848	1316
K790GPSZ	471177	1321
K790Z	46229	1321
K794	15634	1356
K849	53153	1319
K858.1Z	36351	1353
K9138KT	25857	1321
K93001	73377	1352
KA1860Z	26984	1322
KA46	13828	1317
KAV143Z	12421	1321
KAV151.3Z	64028	1321
KAV152.3Z	77242	1321
KAV153Z	50814	1321
KAV377	80493	1352
KAV382	88840	1352
KAV383	37233	1352
KAV398	456082	1352
KAV876	24937	1357
KB220	99914	1359
KB46	52221	1317
KC46	90614	1317
KCB876	72279	1352
KD166N	10805	1362
KD166T	49198	1362
KD1860Z	91705	1353
KD1894Z	69956	1353
KD66	35984	1356
KD873/CP	16440	1353
KD876Z	38151	1353
KD910Z	62779	1353
KDM1960Z	71940	1353
KDM927Z	420149	1353
KDM928.1Z	428104	1353
KDM928Z	421147	1353
KEX166	79002	1362
KG910Z	89207	1322
KL768	67241	1357
KR43	91863	1319
KR723	68490	1318
KR724	56525	1322
KR726	82953	1318
KR731	31346	1321
KR751Z	62809	1321
KR852Z	24778	1322
KRB724	94918	1322
KRDM1994Z	81468	1353
KREMX66	76696	1354
KRL724	95876	1322
KRM66	74902	1354
KRMX66	45082	1354
KT722	80455	1317
MON52	97058	1302
MON53	45451	1303
MON63	83844	1302
MON64	16122	67
MONR31	79428	67

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Manufacturer / Mfg. Part Number Index

Mfg. Part Number	SKU	Page
MONR33	20272	1302
MONR51	58665	1302
XM20/CP	413335	1315
XM2071F	484397	1315
XM2961F	499365	1315
XM5013F	413326	1316
XM8000F/CP	436359	1315
XM8100F/CP	451379	1315
XM911	453344	1316
XM913	475362	1316
XM9150PNP	432397	1316
XM921	495337	1316
XM923	464385	1316
XP42	54918	1323
XP52	93311	1323
XPA75	87329	1329
XPA79	92062	1328
XPA85	78848	1329
XPB31	27241	1324
XPD31	65634	1326
XPD42	76215	1326
XPD51	37822	1327
XPD52	80097	1326
XPD68	28490	1152

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Mfg. Part Number	SKU	Page
BP1000	98446	646
BP1400	87733	646
BP280S	411128	646
BP420S	76060	646
BP500UC	17702	646
BP650S	62846	646
BP650SI	418356	646
MX3000	489156	647
MX3000XR	484150	647
MX5000	30641	647
MX5000XR	496169	647
NET3T	83450	643
PER7	70236	644
PRO7	57022	644
SMARTCELL	476142	647
SMARTCELL-XR	435114	647
SU1000RM2U	20847	647
SU1400RM2U	20872	647
SU1400RMXL3U	434011	647
SU2200NET	23954	646
SU2200RM3U	78258	647
SU2200RMXLNET	33619	647
SU2200XLINET	82839	647
SU2200XLNET	44332	647
SU24RMXLBP2U	445051	647
SU3000INET	82868	646
SU3000NET	87289	646
SU3000RM3U	483038	647
SU3000RMNET	58826	647
SU3000RMXL3U	482140	647
SU420NET	494107	646
SU48BP	24770	646
SU48RMXLBP	34894	647
SU48RMXLBP3U	465141	647
SU48XLBP	24792	647
SU5000T/AP9621	432119	646
SU620NET	443164	646
SU700NET	12696	646
SU700RM2U	20832	647
SU700XLINET	82820	647
SUA1000	27701	646
SUA1000XL	444385	647
SUA1500	424184	646
SUA24XLBP	493397	647
SUA750XL	414364	647

Mfg. Part Number	SKU	Page
UXBP24	430128	647
UXBP48	457075	647

Apex

Mfg. Part Number	SKU	Page
10MM11	463309	1606
1108	490398	1606
1110	483355	1606
1112	432384	1606
1114	456352	1606
185-000X	448320	1606
185-00X	426378	1605
185-0X	457376	1606
185-10X	446304	1605
185-1X	463354	1606
185-2X	444365	1605
185-3X	438347	1605
44-71-B	472306	1606
440-3X	423352	1605
445-00X	484389	1605
445-0X	410361	1605
445-10X	440343	1605
445-20X	488308	1605
445-30X	415319	1605
446-0X	456366	1605
446-1X	498357	1605
446-2X	474302	1605
6MM11	417361	1606
7MM11	460314	1606
825	498373	1606
8MM11	426396	1606
KT-100	436316	1602
KT-130	472328	1602
KT-30	431319	1602
KTT-1	438367	1602
TCI-150FRN	461313	1604
TCI-150RA 3/8	493363	1604
TCI-150RA	415355	1604
TCI-250FRN	424346	1604
TCI-250R	435384	1604
TCI-750R 1/2	417357	1604
TCI-750R	488358	1604
TCI-75FRN	438387	1604
TS-100	489343	1602
TS-30	493392	1602
TS-35	436384	1602
TS-SN-1	454398	1602
TS-SN-2	452316	1602
TW0	491311	1605
TW10D	443337	1605
TW11D	482358	1605
TW12D	444384	1605
TW13D	451384	1605
TW14D	471363	1605
TW15D	432371	1605
TW16D	475346	1605
TW1D	493391	1605
TW2D	462386	1605
TW3D	431365	1605
TW4D	453397	1605
TW5D	413320	1605
TW6D	432305	1605
TW7D	492349	1605
TW8D	455366	1605
TW9	415382	1605

ARC Wireless Solutions

Mfg. Part Number	SKU	Page
106010	474137	489
201370	21092	489
AAI-00061	77444	1350
AAI-00071	490163	1309
AAI-00079	492074	225
AAI-00080	485065	226
AAI-00081	482009	226
AAI-00084	424077	227
AAI-00086	420183	1309
AAI-00089	414009	224
AAI-00090	440063	224
AAI-00091	456038	224
AAI-00094	435151	1309
AAI-00260	480128	1309
AMPVR15080150D	486302	96
ARC-00002	420389	1334
ARC-00270	481337	194
ARC-00280	477337	195
ARC-00290	456376	194
CCA806/BLACK	39168	1341

Mfg. Part Number	SKU	Page
CELVR12D090160D	438352	93
CELVR12D090165D	469366	93
CELVR13D065160D	490357	97
CELVR13D065164D	472319	97
CELVR13D065168D	443300	97
CVA135/BLACK	98638	1254
CVA146/BLACK	64347	1254
CVA155/BLACK	12740	1254
CVA165/BLACK	71198	1254
CVA460/BLACK	51133	1272
CVA485/BLACK	97609	1272
CVA850/BLACK	89526	1285
CVA908/BLACK	37919	1299
DLAVR14D0800D	481305	155
DLAVR14D0806D	420336	155
DLAVR16D0900D	460380	155
DLAVR17D0800D	470323	156
F800-V MINIU	81915	1350
F900-S1 MINI-UHF	92631	1294
F900-S2 SMB	52989	1294
PCSDS-14-06514-0D	467346	179
PCSDS-14-06514-4D	487314	179
PCSDS-14-06514-6D	435323	179
PCSDS-14-09014-0D	448321	179
PCSDS-16-09007-0D	463373	180
PCSDS-16-09007-2D	471367	180
PCSDS-16-09007-4D	489379	180
PCSDS-17-06507-0D	415377	183
PCSDS-17-06507-2D	487305	183
PCSDS-17-06507-4D	413357	183
PCSDS-19-06505-0D	427390	184
PCSVR12065300N	422330	160
PCSVR14090140D	459328	161
PCSVR15065140D	479314	165
PCSVR16090070D	473379	167
PCSVR16090072D	488324	167
PCSVR16090074D	474363	167
PCSVR17090060D	488384	168
PCSVR17090062D	429331	168
PCSVR17105062D	414370	167
PCSVR1803314OD	425392	172
PCSVR18065070D	419351	171
PCSVR18065072D	425364	171
PCSVR18065074D	412330	171
PCSVR21033072D	465323	177

Armstrong Tools

Mfg. Part Number	SKU	Page
11-859	56754	1584
11-860	488175	1584
16-218	411005	1583
28-024	10715	1581
28-028	82543	1581
28-030	30936	1581
28-036	69329	1581
28-040	99766	1581
28-044	17722	1581
28-052	25648	1582
28-056	73338	1582
28-072	21731	1582
28-080	87565	1582
28-415	78534	1581
69-009	94762	1601
69-156	43155	1601
69-158	29941	1601

Arrow Fastener Co

Mfg. Part Number	SKU	Page
186	18139	1567
187	74166	1567
256	31704	1567
257	70097	1567
259	18490	1567
25932	56883	1567
376	30455	1567
378	82062	1567
379	17241	1567
504	42420	1567
506	80813	1567
508	94027	1567
509	29206	1567
5911BL	68243	1566
7510	72999	1567
AP10	54385	1567
BAP5	92778	1567
RH200	31985	1567
RLA1/8	42701	1567
RLA3/16	54666	1567

Mfg. Part Number	SKU	Page
RLS1/8	67880	156
RMA1/8	55915	156
RMA3/16	16273	156
RMS1/8	29487	156
RSS1/8	81094	156
T18	88207	156
T25M	95276	156
T37	43669	156
T50M	67599	156
T59	81457	156
TR400	21288	156
TR550	15992	156
WA1/8	93059	156
WA3/16	41452	156
WS1/8	79845	156

Astron

Mfg. Part Number	SKU	Page
1212	24925	122
1212-18	63318	122
4812	62069	122
4812-20	10462	122
LS10A	35641	59
LS18A	86478	59
LS35M	25739	6
LS3A	22427	59
LSRM18M	60820	59
LSRM25M	47606	59
N2412-12	36629	12
N2412-24	94866	12
PI-50W	22548	12
PI1500W	34650	12
PI150W	93751	12
PI2500W	34513	12
PI250W	55126	12
PI800WGFI	95272	12
PPS-4A	46008	6
RM12A	85999	5
RM12A-BB	98390	5
RM12M	72785	5
RM35A	21178	5
RM35A-BB	87397	5
RM35M	97964	5
RM35M-BB	38618	5
RM50A	46357	5
RM50A-BB	49978	5
RM50M	33143	5
RM50M-BB	40608	5
RM60A	19929	5
RM60M	58322	5
RM60M-BB	25046	5
RS10A BLACK	31894	6
RS10A	45108	6
RS10A-220	83501	5
RS10ABB	11585	6
RS10S	70287	6
RS12 BLACK	36010	6
RS12A BLACK	43859	6
RS12A	95466	6
RS12A-BB	85572	6
RS12A-BB-220	80658	6
RS12M	82252	6
RS12S BLACK	69038	6
RS12S	30645	6
RS20A BLACK	94217	6
RS20A-220	94345	5
RS20A-220-BB	84878	6
RS20A-BB	33965	6
RS20M	42610	6
RS20S BLACK	66926	6
RS20S	81003	6
RS35A BLACK	77199	6
RS35A-220	16182	5
RS35M	54575	6
RS3A	41361	6
RS3L	31973	6
RS4A BLACK	59366	6
RS4A	79754	6
RS4L	66540	6
RS50A	14933	6
RS50M	91719	6
RS5A	40112	6
RS5L	26898	6
RS70A	13668	6
RS7A BLACK	13684	6
RS7A	65291	6
RS7S BLACK	38863	6

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Mfg. Part Number	SKU	Page
L-11R-GE	77117	602
L-15R-MC	62190	602
L11A BLACK	37585	597
L11MG	80081	602
L11R BLACK	25649	597
L11R-EFJ	23121	601
L11R-RA	46637	602
L11S BLACK	25620	603
L11SM/GTX/M1225	65836	602
L15CDM	64709	602
L15R BLK	90413	597
L15R-EFJ	94530	601
L15R-RA	13905	602
L15RGE	54724	602
L15SM/GTX	14229	602
RM-10	61831	591
RM-12	48617	591
RM-18	87010	591
RM-25	35403	591
RM-25M	60582	593
RM-30	73796	591
RM-30M-2	34686	593
S-10	58401	597
S-10-EFJ-98	447159	598
S-10-RA	45251	599
S-10-SM/GTX	15021	599
S-10-TK	18501	598
S-12	96794	597
S-12-EFJ-98	40065	598
S-12-MG	66628	598
S-12-RA	69126	599
S-12-SM/GTX	53414	599
S-12-SMU	26986	599
S-12-TK	30733	599
S-12-V	19547	599
S-18	45187	597
S-18-RA	17519	599
S-18-SM/GTX	91807	599
S-18-TK	76576	599
S-18-V	68982	599
S-25	29585	597
S-25-CDM	77557	599
S-25M	85761	605
S-30	16371	597
S-30M	99284	605
LS10M	64042	605
LS25M	12435	605
RM50M	89221	594
S12M	37614	605
S20M-220	24400	605
S20ML	76007	605
S35M	62793	605
S50M	11186	605
S70M	70202	605

ron Wireless Tech.

0-4	43124	36
5-4	77112	36
8-4	25505	37
0-4	37470	15
0-4H	85404	15
0-6	75863	16
0-10	57653	66
0-3	24256	59
0-6	86579	62
5-10	88228	122
5-10H	19334	123
5-4	83556	115
5-6	11442	117
0-10	36621	122
0-10H	57727	123
0-4	63049	115
0-4	87889	112
8-10	85730	154
8-10H	44513	154
8-3	75014	153
8-4	48586	154
8-6	73765	154
0-10	59302	151
0-10H	31299	151
8-3	34123	143
8-4	72516	145
8-6	20909	147
4-10	97695	152
4-15	29326	153
XH24RPTM-A	422160	1329
AXH24SM	462161	1329
AXH24SM-A	490127	1329
AXH8SM	437175	1330
AXH92SM-A	438133	1330
AXH92SMT	435181	1330
AXQ24RPTMA	428107	1329
AXQ24SM	440152	1330
AXQ24SM-A	482177	1330
AXQ8SM-31	426126	1330
AXQ92SM-31	487151	1330
CBC-2	59247	492
DH-8195	35433	244
H-8355	444139	245
H2405	442176	259
H2405SE	423183	259
H8605	498197	245
H9185	452169	250
MMK-1	46033	492
MMK-2	84426	492
MPD-3	26752	69
MPD-3	37214	70
MPD-3NF	83321	70
MPD-3NMI	489048	69
NMO8000	43685	1350
NMO8000-9	82078	1350
NMO8500	17257	1281
NMO8500-9	80829	1281
NMO9000	94043	1295
NMO9000-9	29222	1295
NP15000	90877	1309
NP4000*	45425	1273
NP4000-9*	57390	1273
NP4020*	41225	1273
NP8000*	69355	1349
NP8000-9*	56141	1349
NP8500*	94534	1282
NP8500-9*	42927	1282
NP9000*	81320	1294
NP9000-9*	29713	1294
P-2406	99588	235
P-2409	34767	235
P-2412	14148	235
P-2415	61148	236
V-1500	58324	23
V-1500	71538	23
V-1500	96717	23
V-2200	83503	12
V-4600	31896	45
V-9180	43861	131
VBK-1	43264	489
VBK-2	30050	489
VBK-3	85498	489
VG-1900	96214	156

Atlantic Scientific

11200	47144	553
12100	59109	553
14100	97502	553
14101	45895	553
21607	44646	555
90700	32681	555

Audiovox

26019387	86329	739
26077098	441105	735
421015/426005	485117	739
ANT8300VW	472332	725
ANT9500VW	460373	730
BC8300VW	453336723, 1150	
BC9100 737, 1150	491064721, 727,	
BC9500VW	434345729, 1150	
BTE-1100	418052	731
BTE9500VW	459359	729
BTR-1100	478041	731
BTR8300VW	419381	723
BTR9100 735	417051719, 725,	
BTR9500VW	477388	729
CLC-1100	468041 723, 731	
CLC9100 735	415026719, 725,	
CNR1100	432311	723
CNR9100 729, 736	425389720, 726,	
DIC1100	485086	1137
DIC9100 739, 1137	449047722, 728,	
DTC1100	440036	731
DTC8300	463368	723
DTC9100 735	435077719, 726,	
DTC9500	479366	729
EM3500 1140	457029724, 732,	
EM425 737, 1140	493078721, 727,	
HF1100A	468191	732
HF8300	448302	723
HF9100M	419088	737
HS911B 732, 737, 1140	488143721, 727,	
LB-1100	417056	732
LB9100 736	414010720, 726,	
MOK9150	460358	1137
PCP9100AM	489073	735
PCP9100BM	445027	735
PCP9100PW	499037	735
PCP9100SG	498081	735
TA420	74395	1152
TRC-1100	427076	731
TRC9100 736	479192720, 726,	

Avcom of Virginia

ADA-10A	424152	1404
AVSAC	41087	1404
MFC 1727-65	473159	1404
MFC 3742-65	428371	1404
MFC 5060-65	460156	1404
MFC 5254/24	410339	1404
MFC 5254/5759/24	490310	1404
MFC 5759/24	434349	1404
MFC 5762-65	437389	1404
MFC-1225-65	492327	1404
MFC-2030-65	471070	1404
MFC-2030/5464-65	429025	1404
PSA-2400A	463156	1404
PSA-37D	70367	1404
PSA-37D/ADA-10A	33005	1404
PSA-65C	83581	1404
PSA-86A/001	74229	1404
PSA-86A/002	74245	1404

B

Baltimore Display Industry

CHL3A	27067	1153

Band-it

AE112	28164	1745
AE113	66557	1746
AE114	14950	1745
AE200	53343	1749
AE201	91736	1749
AE311	40129	1746
AE312	78522	1746
AE313	26915	1745
AE314	65308	1746
AE315	13701	1745
AE316	52094	1746
C001	61713	529
C206	46554	530
C404	46906	529
C454	85299	529
D500	53693	530
M210	77273	529
V016	25666	527
V024	64059	527
V040	12452	527
V056	50845	527
V072	89238	527
V080	74180	527
V088	37631	528
V104	71562	528

Bausch & Lomb

12-0124	444312	1628
12-0125	460354	1628
12-0824	418379	1628
23-0142	470366	1629
61-0142	435343	1628
61-0742	432398	1628

Bayco Products Inc.

SL-425	63122	1657
SL-450	63111	1657
SL-640	64983	1657
SL-725	448079	1662
SL-740	416051	1662
SL-741	490080	1662
SL-745	466034	1662
SL-749	482084	1662
SL-750	467030	1662
SL-751	495070	1662
SL-752	437048	1662
SL-753	489038	1662
SL-754	466054	1662
SL-755	65014	1663
SL-757	412025	1662
SL-758	493043	1662
SL-759	430079	1662
SL-800	65020	1663
SL-825	81264	1657
SL-890	65021	1663
SL-935	87908	1657
SL103	33594	1658
SL600	90127	1657
SL651	51734	1657

Bear Cutlery

148	88561	1570
153CP	88412	1562
155EL	475182	1563
155L	88430	1563
401	88704	1564
401SR	88711	1564
402	88648	1564
402SR	88658	1564
445	88642	1564

Bee Electronics Inc.

120	42428	1197
152	53144	1197
1968PW	439151	954
2011-150+B	97227	1197
2012-150-B	61462	1197
2025+150+B	64276	1197
2027+150+B	34310	1197
2055-B	72575	1197
2057+B+150	39826	1197
2311B	64768	1197
2320B	49384	1197
2325B	36170	1197
2353-C	485162	966
2360	40381	1197
2362/O	438149	1197
2697B-350	57077	1195
2710B-C	33451	1195
2735B-350	432160	1196
2750-350	423182	1196
2799B	58211	1196
7110-B	429199	1196
7110-B-150	38054	1196
7110B-C	491198	1196

Belden

1227A1	45782	651
1232A1	480152	651
1243A2	45724	651
1245A2	68548	651
1266A	76163	653
1266A	99337	653
1530AP	41792	399
1583A F6HU1000	415103	650
1583A	31834	650
1583A	453380	650
1583A	90977	650
1585A	17214	650
1585A	488186	650
1585A-0021000	426369	650
1585A-003	443042	650
1585A-0051000	487167	650
1585A-8771000	462184	650
1585B	43727	650
1588A	29299	649
1594A	431188	649
1594A	446185	649
1624P	11027	649

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Mfg. Part Number	SKU	Page
1624P	418072	649
1624P	84465	649
1624P-RED	47773	649
1624R	33337	649
1624R	479169	649
1700A	35437	650
1700A	459306	650
1700R	448109	650
1701A	465115	650
1701A	76379	650
1721X	454390	650
1723X	425372	650
1724X	472370	650
1797A	52942	1554
1839A	430195	400
1840A	426199	400
1864A	447175	649
1864A	46418	651
7733A	19418	398
7733A	48780	398
7733A	87173	398
7805	37277	401
7805	88884	401
7805A	63705	401
7806A	10849	401
7806A	36028	401
7806A	87635	401
7807A	22814	401
7807A	61207	401
7807A	74421	401
7808A	21565	369
7808A	73172	369
7808A	86386	369
7809A	33530	369
7809A	46744	369
7809A	71923	369
7810A	27285	397
7810A	53713	397
7810A	94604	397
7838A	420123	652
7839A	415129	652
8214	20167	398
8214	61036	398
8216	98180	400
8218	31294	395
8218	43394	396
8219 WHITE	45324	394
8219	67515	394
8219	81388	394
8219	96931	394
82240	24325	394
82240	80578	394
82240	94955	394
82248	17459	399
82248	40673	399
8237	40037	398
8237	47822	398
8237	90236	398
8240 BOX	24340	394
8240	46742	394
8240	70503	394
8240	85135	394
8241 U500	18896	395
8241	57722	395
8241	70936	395
8259	46282	394
8259	83717	394
8259	95250	394
8259U	92078	394
8263	42773	395
8263	47882	395
8263	56040	395
8267	33359	401
8267	40474	401
8267	65580	401
8268	20145	402
8303	33954	652
8303	94651	652
8304	81219	652
83242	59787	400
8442	93184	654
8450	28363	652
8451BLK	43259	652
8451BLK	76208	652
8451GRAY	16831	652
8451GRAY	66756	652
8461	53542	653
8473	40328	653
8741U	32510	651
8760	483015	653
8760	93908	653
8762	25865	653
8770	64258	654
8771	12651	654
8777	51044	653
8778	89437	652
8786	37830	653
88240	24616	395
88240	50816	395
88240	77181	395
88760	87888	652
89913	27138	399
89913	76804	398
89913	93848	398
9066	34647	399
9066	87302	399
9116	415005	399
9116	47444	399
9201	29781	394
9201	32110	394
9201	92533	394
9207	51435	653
9248	44508	399
9248	54611	399
9248	73725	399
9251	21725	398
9251	67669	398
9251	99429	398
9258 BL	19563	396
9258 BL	48546	396
9259	52459	395
9259	60511	395
9273	30758	402
9302	85690	652
9306	426314	652
9402	37377	652
9421	36298	1211
9421	80466	654
9430	15298	654
9430	59262	654
9439	97655	653
9444	95433	653
9451	55224	653
9451	84441	653
9455	71227	653
9502	58013	653
9536	44799	654
9538	83192	654
9538	87905	1211
9539	31585	654
9540	69978	654
9562	18371	651
9585	56764	651
9585	76243	651
9913	24460	398
9913	49145	398
9913	73001	398
9914	13249	398
9914	42628	398
9914	86215	398
YR21852	13016	402
YR21852	71752	402
YR21867	417116	396
YR21867	58538	396

Bird Automotive

Mfg. Part Number	SKU	Page
GEN2AUDBMWJAGMB	59234	1762
GEN2GM	442050	1762
GEN2INFIN	97627	1761
GEN2JAGLATE	24417	1762
GEN2LEX	46020	1761
GEN2PORSCHE	24424	1762
GEN2ROVER	24426	1762
GEN2SAAB	84413	1762
GEN2VOLVOS80	23566	1761

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Mfg. Part Number	SKU	Page
0.5-A-MFA-03	485096	1433
0.5-A-MFA-06	413081	1433
0.5-A-MFA-10	462085	1433
0.5-A-MFA-20	438077	1433
0.5-A-MFA-30	483066	1433
0.5-T-FA	429305	1431
0.5-T-MA	461003	1431
0.5-T-MA	488160	1431
10-A-MFN-03	64235	1434
10-A-MFN-06	12628	1434
10-A-MFN-10	37807	1434
10-A-MFN-20	76200	1434
10-A-MFN-30	24593	1434
10-NT-MN	464012	1432
10-T-FN	34060	1432
10-T-MB	44776	1432
10-T-MN	72453	1432
100-A-MFN-03	82319	1434
100-A-MFN-30	90435	1434
100-AC-FFN-20	435079	333
100-AD-FFN-03	443057	69
100-NST-FN	436067	1432
100-T-FN	77517	1432
100-T-MN	34979	1432
1000B	29811	1428
1000E	54990	1428
1000H	93383	1428
100A	80169	1428
100B	28562	1428
100C	66955	1428
100D	15348	1428
100E	53741	1428
100H	92134	1428
10A	78920	1428
10B	27313	1428
10C	65706	1428
10D	14099	1428
10E	52492	1428
10L-2	419129	1430
150-T-FN	30852	1432
1L1	463016	1428
1L2	422085	1428
2-A-MFA-20	79990	1434
2-A-MFB-01	23810	1433
2-A-MFB-02	68740	1434
2-A-MFB-03	20482	1434
2-A-MFB-06	47689	1434
2-A-MFB-08	81175	1434
2-A-MFB-10	89592	1434
2-A-MFB-20	75417	1434
2-A-MFN-01	36444	1433
2-A-MFN-02	98763	1434
2-A-MFN-03	50632	1434
2-A-MFN-06	89025	1434
2-A-MFN-10	57669	1434
2-A-MFN-20	63660	1434
2-NT-MN	467008	1432
2-T-FN	47274	1432
2-T-MN	52877	1432
2-T-MT	59239	1432
2.5L1	438027	1428
2.5L2	452038	1429
2080-002	88387	1426
2080-005	36780	1426
25-A-FFN-10	80671	1434
25-A-MFN-03	11379	1434
25-A-MFN-06	88165	1434
25-A-MFN-10	36558	1434
25-A-MFN-20	74951	1434
25-A-MFN-30	23344	1434
25-NT-MN	453009	143
25-T-FE	95240	143
25-T-FN	15067	143
25-T-MB	95134	143
25-T-MN	31562	143
2500H	47496	142
250A	72675	142
250C	97854	142
250D	46247	142
250E	84640	142
250H	33033	142
250J	71426	142
25A	19819	142
25B	58212	142
25C	96605	142
25D	44998	142
25E	83391	142
25L1	450023	142
25L2	412007	142
3-A-MFB-K1	447127	143
30-AD-FFN-2	424000	6
300-T-FN	46187	143
350-AD-FFN-2	484003	6
350-BD-FFE-2	480005	6
4030	41251	143
4041	79644	143
4240-018	447328	143
4240-025	23041	143
4240-031	61434	143
4240-050	33757	143
4240-062	72150	143
4240-063	20543	143
4240-125	97329	143
4240-132	45722	143
4240-156	99827	143
4240-179	84115	143
4240-344	73638	143
4240-346	98578	143
4240-363	14474	143
4240-400	441384	141
4240-400	46971	43
4240-401	85364	43
4240-550	470301	141
425-1	32508	142
4274-025	82866	143
4275-020	18045	143
4275-025	56438	143
43 N/F	43948	142
43/NM,NF	82341	142
43/TNC	17520	142
43/TNC,MINI U	75174	142
43/UHF	55913	142
430-159	27512	142
430-240	18908	142
430-265	92333	142
4300-061	16796	143
4300-085	41975	143
4300-400	80368	143
4304A N	50193	142
4304A TF	84837	142
4304A UHF	88586	142
4308	87337	142
4391A	87022	142
43P	30734	142
43PU	38806	142
4410-16	93057	142
4410A N/F-U/F	25738	142
4410A/NF ALKA	90559	142
4431 N/F	37703	142
5-A-MFN-03	65484	142
5-A-MFN-06	90663	142
5-A-MFN-10	39056	142
5-A-MFN-20	77449	142
5-A-MFN-30	25842	142
5-NT-MN	443002	142
5-T-FN	82335	142
5-T-MB	73702	142
5-T-MN	22095	142
50-A-FFN-30	30888	142
50-AC-FFA-10	453095	3
50-NT-MN	448062	142
50-T-FN	61987	142
50-T-FT	27108	142
50-T-MB	476334	142
50-T-MN	78698	142
5000	62845	142

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Mfg. Part Number	SKU	Page
5000-030	80239	1426
5000-035	480175	1426
5000H	47170	1428
500A	33956	1428
500C	20742	1428
500E	97528	1428
500H	45921	1428
5010	62865	1425
5011 EF	426316	1425
5011	482136	1425
5011	493311	1410
5011EF	443315	1410
50A	57886	1428
50B	96279	1428
50C	44672	1428
50D	83065	1428
50E	69851	1428
50H	56637	1428
50L1	464026	1429
50L2	486017	1429
A	92532	1428
A2238-1	73420	1420
A2431	463308	1410
B	40925	1428
C	79318	1428
D	27711	1428
E	66104	1428
L1	458086	1429
L2	499008	1429
000A145	460143	1420
000A445	498101	1420
000A840	99848	1420
000A845	86634	1420
000A850	48241	1420
002B870	24893	1410
005A800	65034	1421
005A890	454362	1421
5-A-MFN-03	61737	1434
5-A-MFN-06	48523	1434
5-NT-MN	470025	1432
5-T-FN	47508	1432
000	99501	1426
01-1	92876	1428
01-2	38047	1428
135	57361	1433
135/UHF	95754	1433
141	44147	1433
201	94505	1433
251	81291	1433
353A040-50	452306	1425
PM-1000H	70607	1430
PM-100E	31740	1430
PM-100H	463185	1430
PM-10E	58168	1430
PM-10H	429103	1430
PM-10L-1	447082	1430
PM-10L-2	464096	1430
PM-16 DIN/F	21930	1424
PM-16 N/F	57584	1424
PM-1J	95837	1430
PM-2.5J	82623	1430
PM-25E	96561	1430
PM-25L-1	463012	1430
PM-25L-2	482013	1430
PM-50E	44954	1430
PM-50L-1	494082	1430
PM-50L-2	482092	1430
PM-5E	19775	1430
PM-5H	483144	1430
PM-5J	31016	1430
PM-5L-1	479074	1430
PM-5L-2	489031	1430
T-100	35623	1420
T-400	67030	1420
T-800	57290	1420
AL-FE-B	464386	1411
AL-FN-B	477360	1411
AL-ME-B	481399	1411
AL-MN-B	434365	1411
C-6	486129	1426
PM 5000/5010	414182	1425
PM-.5E	413052	1429
PM-.5M	467125	1429
PM-.5N	90433	1429
PM-0.5L1	491094	1429
PM-1000B	81706	1429
DPM-1000E	83302	1429
DPM-100B	81701	1429
DPM-100E	83296	1429
DPM-10E	432336	1429
DPM-2.5M	83449	1429
DPM-25M	83457	1429
DPM-500A	81563	1429
DPM-500B	81700	1429
DPM-500C	81816	1429
DPM-500D	81852	1429
DPM-500E	83282	1429
DPM-500H	81412	1429
DPM-50A	81541	1429
DPM-50B	81696	1429
DPM-50C	81808	1429
DPM-50D	81839	1429
DPM-50E	83271	1429
DPM-50H	81387	1429
DPM-50J	83336	1429
DPM-50K	83375	1429
DPM-50L1	83405	1429
DPM-50L2	83446	1429
DPM-5A	81515	1429
DPM-5B	81679	1429
DPM-5C	81796	1429
DPM-5D	81833	1429
DPM-5E	83260	1429
DPM-5H	81508	1429
DPM-5J	83309	1429
DPM-5K	83349	1429
DPM-5L1	83386	1429
DPM-5L2	83409	1429
DPM-5N	90430	1429
EC1	39875	1426
PA-FNFE	42548	1410
PA-FNME	68976	1410
PA-MNFE	94155	1410
PA-MNME	30583	1410
SA2500A+CAL-MN-B	481121	1410
SA4000+CAL-MN-B	485383	1410
TC-MNFE-1.5	95404	1411
TC-MNFE-3.0	43797	1411
TC-MNFE-5.0	82190	1411
TC-MNFN-1.5	31832	1411
TC-MNFN-3.0	70225	1411
TC-MNFN-5.0	57011	1411
TC-MNMN-1.5	96653	1411
TC-MNMN-3.0	45046	1411
TC-MNMN-5.0	83439	1411

BK Precision

Mfg. Part Number	SKU	Page
1627A	414059	1510
1651A	441086	1510
1670	443162	1510
1743	424053	1510
1760	58659	1510
1790	461045	1510
1791	495162	1510
1875	488099	1488
2120B	44090	1481
2125A	41393	1481
2625	84676	1404
2630	97399	1404
2635	452040	1404
369B	38121	1502
388B	57630	1493
390A	15490	1498
391A	39420	1495
4011A	468085	1489
4040A	473052	1489
5370	20533	1496
810C	431156	1504
830	416153	1486
885	476148	1504
AT-20	475020	1490
LC-29B	20685	1509
LC210A	73541	1486
PR-33A	93809	1485
TL-2A	32650	1508
TL-3	19436	1508
TL-30	481089	1510
TL-5A	447027	1510

Black & Decker

Mfg. Part Number	SKU	Page
VP100	63278	1518
VP135	76492	1518

BONDHUS

Mfg. Part Number	SKU	Page
10637	462340	1588
10699	435359	1588
10936	463390	1588
10937	479399	1588
10992	493360	1588
10999	485357	1588
12136	451335	1588
12137	477395	1588
12199	433310	1588
12522	490352	1588
12550	432396	1587
12587	488392	1587
12589	412393	1587
12591	427371	1587
12592	476388	1587
12632	467329	1587
12634	433392	1587
12636	448349	1587
12638	489340	1588
13146	490376	1587
13148	417373	1587
13189	429389	1587
13190	482316	1587
14132	493355	1588
20196	439342	1588
22154	467376	1588
22156	439301	1588
22157	470312	1588
22158	454346	1588
22159	496398	1588
22160	424315	1588
22161	461376	1588
22162	456316	1588
22188	468398	1588
22199	434320	1588
31660	436354	1588
50624	444333	1608
50630	414322	1608
50975	476313	1588
50981	455377	1588

Bosch

Mfg. Part Number	SKU	Page
0-332-002-150	53273	1714
0-332-019-150	79246	1714
0-332-019-155	14425	1714
0-332-209-138	57043	1714
0-332-209-138	95436	1714
0-332-209-150	59434	1714
0-332-209-150	66032	1714
42238-2/100	91211	1714
BR0-5FW	66483	1714
BR0-5WH	52818	1714

Brewer-Titchner

Mfg. Part Number	SKU	Page
626-0103	95365	635
626-0104	30544	635
626-0105	68937	635
626-0203	17330	635

Brunton

Mfg. Part Number	SKU	Page
SUM360LA	458065	1629

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BUD offers a complete line of cabinets, racks and accessories for voice, datacom and wireless applications. All of BUD's standard products are in stock and available for immediate shipment.

Mfg. Part Number	SKU	Page
7346-B	68093	543
9260C	87838	543
ARR-1272-BLACK	77703	537
ARR-1272-NATURAL	11372	537
CSR-8060	84444	540
DC-8002-SAND	95127	538
DC-8010	435390	541
DC-8035	47300	537
DC-8050-BT	85693	538
DR-8092	497187	538
DR-8093	483154	538
DR-8094	434120	538
KS-1788	57333	539
LPR-8212	77872	538
LPR-8215	11802	538
LPR-8215	24911	538
MB-1390-LG	46775	544
MNC-8085	429151	543
NBC-15352	440150	544
NR-10026	461382	541
PA-1101-GRAY	46018	540
PA-1102-GRAY	32804	540
PA-1103-BLACK	56467	540
PA-1103-GRAY	71197	540
PA-1104-BLACK	33977	540
PA-1104-GRAY	72895	540
PA-1105-BLACK	59003	540
PA-1105-GRAY	19590	540
PA-1106-BLACK	96147	540
PA-1106-GRAY	94135	540
PN-1335	24094	544
PN-1335-C	34810	544
PN-1336	87666	544
PN-1336-C	73203	544
PN-1337	22845	544
PN-1337-C	21596	544
PN-1338	99631	544
PN-1338-C	59989	544
PN-1339	86417	544
PN-1339-C	98382	544
POS-194-S	465020	541
POS-195-S	420059	541
POS-201	412009	541
POS-203	491036	541
RC-7758/PR	46486	543
RL-7766	72389	542
RR-1248-GRAY	24730	538
RR-1249-GRAY	49909	538
RR-1263-GRAY	70718	538
RR-1264-GRAY	60481	538
RR-1364-BLACK	22088	538
RR-1364-GRAY	35302	538
RR-1366-GRAY	86909	538
RR-1369-BLACK	61764	538
RR-1369-GRAY	49765	538
SA-1278-BLACK	59232	539
SA-1278-GRAY	97625	539
SA-1279-BLACK	72446	539
SA-1279-GRAY	20839	539
SA-1378-BT	96975	539
SA-1378-MG	98224	539
SA-1379-BT	83761	539
SA-1379-MG	32154	539
SA-1746	95726	539
SA-1750-BLACK	98874	540
SA-1750-GRAY	47267	540
SA-1751-BLACK	85660	540
SA-1751-GRAY	34053	540
SF-2184	85140	540
WM-5510	69257	543
WM-5511	56043	544
WM-5512	94436	544
WM-5513	29615	544
WM-5514	68008	544
WRR-2242	13903	537
WRR-2244	12654	537

Bushnell

Mfg. Part Number	SKU	Page
13-1056	449395	1628
13-1250	490364	1628
13-1650	498157	1628
13-7307	469353	1628
YARDAGE PRO 1000	438078	1628
YARDAGE PRO 500	464081	1628
YARDAGE PRO 800	460011	1628
YARDAGE PRO SCOUT	410321	1628
YARDAGE PRO SPORT	452357	1628

Bussman

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Manufacturer / Mfg. Part Number Index

Mfg. Part Number	SKU	Page
0.1 AGC	71407	1716
0.5 AGC	34375	1716
1 AGC	26140	1716
10 AGC	76498	1716
15 AGC	24891	1716
15600-06-20	97002	1721
2 AGC	64533	1716
20 AGC	63284	1717
25 AGC	11677	1717
3 AGC	12926	1716
30 AGC	50070	1717
35 AGC	32892	1717
5 AGC	51319	1716
552	50993	1714
7.5AMP	89712	1716
ATM10	23190	1721
ATM10	76516	1721
ATM15	24909	1722
ATM15	61583	1722
ATM2	15026	1721
ATM2	53419	1721
ATM20	63302	1722
ATM20	99976	1722
ATM25	26991	1722
ATM25	78598	1722
ATM3	11695	1721
ATM3	49618	1721
ATM30	48369	1722
ATM30	50088	1722
ATM4	40205	1721
ATM4	91812	1721
ATM5	36404	1721
ATM5	88481	1721
ATM75	36874	1721
ATM75	74797	1721
FP-2	40785	1718
HEB-AA	51001	1718
HFB/ 5PK	83762	1718
HFB/25PK	97719	1718
HHF	74321	1720
HHG	46644	1720
HHK	26461	1717
HHL	50391	1722
HHM	10749	1722
HHX	38426	1723
HRK	49920	1718
MAX-ATC-20	14721	1723
MAX-ATC-30	53114	1723
MAX-ATC-40	91507	1723
MAX-ATC-50	39900	1723
MAX-ATC-60	78293	1723

C

C.H.Ellis

Mfg. Part Number	SKU	Page
03-2727	482360	1532
03-4045	492374	1533
03-5372	429352	1532
03-5964	476387	1533
03-7071	475373	1540
03-7073	466364	1540
03-7075	497369	1540
05-5017	415366	1534
05-5716	426363	1539
05-5719	448328	1539
05-5769	475381	1539
05-5770	428367	1539
05-5771	424384	1539
05-5773	430366	1539
05-5786	474354	1539
05-6085	455353	1539
07-3709	463327	1537
07-4018	496335	1537
11-7112	483315	1541
27-5086	495362	1539
27-5982	439372	1539
27-5986	425331	1539
27-5988	475354	1539
27-5994	410324	1539
33-6310	463365	1536
33-6697	487351	1537
83-6999	420377	1536
83-7010	464333	1533
85-6963	480322	1539
85-7018	498305	1534
87-6971	498300	1537
87-6972	495389	1537
87-7002	470389	1537
87-7012	469347	1537
88-6984	468305	1536

Cadweld

Mfg. Part Number	SKU	Page
#115 - CASE	56616	587
#115	34115	587
#150 - CASE	43402	587
#150	95009	587
#200 - CASE	30188	587
#200	81795	587
#250 - CASE	16974	587
#32 - CASE	93760	587
#32	55367	587
#45 - CASE	80546	587
#45	42153	587
#65 - CASE	67332	587
#65	28939	587
#90 - CASE	54118	587
#90	15725	587
613400	47768	575
613420SP	60225	575
615800	68950	575
615880	81804	575
635800	34210	575
B-112	67866	589
B-140-A	83886	589
B117A	70707	589
B117B	79592	589
B117C	27985	589
B134	46425	588
B160H	84818	588
B160V	33211	588
B396	25215	588
B399ES	33090	588
ECRH101T4U	44173	576
ECRH102Q4U	44146	576
ECRH121T4U	44179	576
ECRH122Q4U	44185	576
ECRH151T4U	44200	576
ECRH152Q4U	44202	576
ECRH201T4D	443018	576
ECRH201T4D	492027	576
ECRH201T4U	44204	576
ECRH202Q4U	44211	576
ECRV101T4U	27319	576
ECRV102Q4U	44067	576
ECRV121T4U	44075	576
ECRV122Q4U	44105	576
ECRV151T4U	44114	576
ECRV152Q4U	44126	576
ECRV201T4U	44130	576
ECRV202Q4U	44138	576
GEM-25A	75326	575
GR1-141L	13187	579
GR1-161L	71604	579
GR1-161V	19997	579
GR1-162C	58390	579
GR1-162G	96783	579
GR1-162Q	463044	579
GR1-181G	34206	579
GR1-181L	45176	579
GR1-181V	83569	579
GR1-182G	70355	579
GRC-161T	95534	577
GRC-161V	43927	577
GRC-162G	69106	577
GRC-162P	464033	577
GRC-162Q	17499	577
GRC-181T	94285	577
GRC-181V	42678	577
GRC-182G	67857	577
GRP-161T	54643	579
GRP-161V	93036	579
GT1-141L	51580	580
GT1-161L	91787	580
GT1-161V	40180	580
GT1-162C	92376	580
GT1-181L	78573	580
GT1-181V	26966	580
GT1-182C	96614	580
GTC-142Q	30870	578
GTC-161G	479361	578
GTC-161T	12389	578
GTC-162G	12190	578
GTC-162L	47864	578
GTC-162P	475050	578
GTC-162Q	72930	578
GTC-181V	32129	578
GYE-162P	466032	579
GYE-162Q	86599	579
GYP-16005M	28727	579
GYP-16006M	80334	579
GYP-18009M	69618	579
HAA-1H2.5	22350	583
HAA-1T	65359	582
HAA-1T-162C	13752	584
HAA-1V	52145	583
HAA-1V-162C	90538	585
HAC-2F	25717	583
HAC-2G	64110	583
HAC-2Q	12503	583
L160	76075	588
LBC-1TCE	78237	584
LJC-CE1T	99782	584
LJC-EG1T	32314	584
LJC-EG2G	21955	584
LJC-EG2Q	58706	584
LJC-EG2V	73562	584
NT1-161V	24468	580
NT1-181V	62861	580
NX1-161L	62201	581
NX1-161V	40769	581
PCC-1T1T	98943	582
PCC-2Q1T	61020	582
PG11L	422310	581
PTC-1T1T	54453	582
PTC-1T1V	28426	582
PTC-1V1V	22254	582
PTC-2P2P	427095	582
PTC-2Q2Q	64006	582
SSC-1T	49647	581
SSC-1V	88040	581
SSC-2G	23219	581
SSC-2P	451056	581
SSC-2Q	61612	581
T111	10005	589
T313	48398	589
T315A	30663	589
T320	86791	588
T320A	35184	588
T321	73577	589
T321A	482349	589
T372A	21970	1709
TAC-1T1T	60363	585
TAC-1V1V	98756	585
TAC-1V2G	69263	585
TAC-2F2F	85542	586
TAC-2G2G	33935	586
TAC-2Q2Q	72328	586
VBC-1T	26399	583
VSC-1T	97507	583
VSC-1T-V3C	45900	585
VSC-1V	84293	583
VSC-1V-V3C	32686	585
VSC-2G	44651	583
VSC-2G-V3C	83044	585
VSC-2Q	31437	583
VSC-2Q-V3C	69830	585
VSC-2Q-V5C	17529	585
XAC-1T1T	92511	586
XAC-2P2P	494014	586
XAC-2Q1T	50556	586
XAC-2Q2Q	14476	586
XBC-1T1T	52869	586
XBC-1V1V	91262	587
XBM-2Q2Q	64834	587
XL-25	456143	587
XL-45	472142	587

Cambridge

Mfg. Part Number	SKU	Page
24-410P	74776	1620
24-411P	23169	1620
24-412P	58242	1620
24-413P	36383	1620
24-4681P	35134	1551
24-7710P	67574	1544
24-7733P	98706	1555
24-7739P	10423	1555
24-7746P	23638	1552
24-7748P	62031	1552
24-7864P	99955	1552
24-8860P	17600	154
24-9958P	485147	1543
24-9959P	43107	154
24-9959P	449311	1543
24-9960P	60313	1543
24-TESSCO	55787	1545
25-7030	29092	44
25-7032	80699	44
25-7032/100 PK.	94002	44
25-7140	29181	43
25-7190	55303	44
25-7191	42685	44
25-7200	42214	44
25-7305	22291	43
25-7310	13123	43
25-7320	51516	43
25-7330	60684	43
25-7340	77562	43
25-7362	60257	43
25-7420	72649	43
28-5022	61530	44
99-412	82172	162
99-413	43779	162
99-9959	431302	154
CP-7958BK	59936	44
CP-AD355	15239	43
CP-AD356	42738	43
CP-AD555	44165	42
CP-FPM4H	95251	44
CP-TNC-89-1	81554	44
CPAD206	25955	43
CPAD207	53632	43
CPF-249-1	38825	43
CPF-56-ALS	22446	44
CPF-59-1/2	10323	44
CPF-59-1/2	17216	44
CPF-59-ALM	55609	44
CPF81 100PK	80788	44
CPL-259-1	68186	43
CPL-259-1	72028	43
CPL-259-1	90432	43
CPL-259-16	78467	43
CPL-259-17	96123	43
CPL-259-18	13837	43
CPL-259-24	42972	43
CPL-259-8	89183	43
CPM-88-19	30540	44
CPM-TNC-19	59008	44
CPMC-88-1	26860	44
CPMC-88-10	72222	44
CPMC-88-13	91681	44
CPMC-88-16	33829	44
CPMC-88-2	77218	44
CPMC-88-5	78990	44
CPMC-TNC-1	18117	44
CPMC-TNC-1	45794	43
CPMC-TNC-13	20615	44
CPMC-TNC-16	56510	44
CPMC-TNC-16	97401	44
CPMC-TNC-17	32580	44
CPMC-TNC-1B	84187	44
CPMC88-17	37576	44
CPN-1	27084	43
CPN-1	65253	43
CPN-142T	40074	43
CPN-16	25611	43
CPN-17	24362	43
CPN-2	91562	43
CPN-8	12397	43
CPN-8/110	50790	43
CPTNC-5	86157	44
MINI-UHF-1	19366	44
MINI-UHF-1/100	70973	44
MINI-UHF-16	57759	44
MINI-UHF-17	75969	44
MINI-UHF-1B	96152	44
MINI-UHF-2	95249	44

Campbell

Mfg. Part Number	SKU	Page
541-0635	24213	6
541-0835	62606	6
541-1435	49392	6

Carber-Rambo

Mfg. Part Number	SKU	Page
19BSRM	56434	5

NEW = New Listing. Pricing for reference o
See TESSCO.com for latest pricing and produ

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fg. Part Number	SKU	Page
BK19	56442	541
C2-84	56446	541
rlson Wireless		
12-5150	458312	693
12-5175	442305	693
12-5200	456306	693
12-5300	456314	693
12-5400	477306	693
12-5500	429374	693
12-5600	464314	693
12-5700	422356	693
12-5800	497313	693
12-5900	422342	693
0-3600	475328	692
0-3650	438371	692
0-6000	419329	692
0-1000	419161	692
EA	440132	686
EC	496128	686
FT512	485348	693
FT512/58	433302	693
LL4	426176	692
PE	479130	692
PE/LL4	479320	692
RP	456119	693
RP512	475301	693
lular Specialties		

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ular Specialties, Inc. (ASI) offers a plete line of products to meet your ilding wireless needs, from bidirec- al amplifiers and RF splitters to di- onal couplers and antennas.		
0	23230	706
0A	56595	706
0PA	56599	706
0PB	488190	706
0PC	448155	706
0	480042	706
0A	434164	706
0PA	416355	706
0PB	428374	706
0PC	441367	706
0AA	475352	707
0AU	487146	707
0PB	493114	707
0PBDE	454145	707
0S	462024	707
0SP	486328	707
-510AB	452368	707
-AO/800/2K/3	481318	243
-AS1.85-1.99/2	433366	251
-AY/806-960/11	478330	122
-AY/806-960/14	445368	122
-BDA610-AF	452391	704
-BDA610-PF	418341	704
-BDA610-S8	476309	704
-MHH	431363	707
-S-2BSC	456152	68
-S-3BSC	448024	68
-S-4BSC	443039	68
8068964	492357	244
AY1.85-1.99/10	496373	161
BDA140-AF	427301	707
BDA140-S8	417302	707
BDA150-PF	410315	707
BDA510S9	484372	707
ENTEX PRODUCTS, INC.		
-60B/T	485376	1528
curion		
8LW-000	499012	489
004PS	24620	1183
BP0004PS	82472	1185
CAF94102	492007	243
CAF94116	494097	260
CAF94118	470008	261
CAF94122	410005	248
CAF94126	461007	243
CAF94129	478010	256
CAF94130	423013	252
CAF94135	474069	243
CAF94140	430096	489
CAF94146	454032	257
CAF94147	468001	489
CAF94148	498067	489
CAF94149	477010	260
CAF94150	419009	257
CAF94154	495012	489
CAF94164	481009	489
CAF94166	474041	259
CAF94170	418047	257
CAF94191	480003	247
CAF94209	461378	1309
CAF94434	477327	1309
CAF95950	413086	261
CAF95952	479035	242
CAF95955	439053	252
CAF95956	488085	247
CAF95971	417014	489
CAF95978	428072	250
CAF95979	433091	255
CAF95980	435010	489
CAF95984	485031	247
CAF95985	480007	489
CAF95993	467012	256
CAF95996	416056	255
CAF95998	460006	261
CNB1	57293	1181
ED2121	439324	1178
ED2122	470397	1178
ED2123	495304	1178
ED2124	489324	1178
EXB-148-MX	33579	1323
EXB-150-BNC	70917	1324
EXB-150-BNX	98891	1324
EXB-150-HT	84428	1323
EXB-150-KR	46287	1323
EXB-150-MD	55573	1325
EXB-150-MX	86617	1323
EXB-150-SF	68532	1325
EXB-150-SFU	34907	1325
EXB-150-TNX	90925	1324
EXC-400-MD	17041	1327
EXC-420-MX	29074	1326
EXC-450-BNX	48639	1326
EXC-450-HT	68716	1325
EXC-450-MD	31424	1327
EXC-450-MX	80681	1326
EXC-450-PL	30034	1326
EXC-450-SFU	43389	1328
EXC-450-TNX	72315	1327
EXC-470-MX	71066	1326
EXC-806-BNX	41763	1328
EXC-806-MD	93370	1328
EXC-806-SF	28549	1329
EXC-806-SFU	41830	1329
EXC-806-SM	78263	1329
EXC-806-TNX	80156	1328
EXD-400-BNX	94996	1326
EXD-400-MD	55434	1327
EXD-420-BNX	57475	1327
EXD-450-BNX	19082	1327
EXD-450-HT	55502	1326
EXD-450-MD	69817	1327
EXD-450-MX	67467	1326
EXD-450-SF	17632	1327
EXD-450-SFU	16961	1328
EXD-450-TNX	20708	1327
EXD-470-MD	18210	1327
EXD-470-SF	17268	1327
EXE-806-BNX	41018	1328
EXE-806-MD	84786	1328
EXE-806-SF	47220	1329
EXE-806-SFU	56440	1329
EXE-806-SM	36817	1329
EXG-806-BNC	19859	1328
EXH-150-MX	426318	1325
EXH-150-SF	499343	1325
EXH-150-SFK	422393	1325
EXH-150-SFU	478313	1325
EXH-155-MX	492322	1325
EXH-155-SF	483331	1325
EXH-155-SFK	420120	1325
EXH-155-SFU	479306	1325
EXH-160-MX	431359	1325
EXH-160-SF	489373	1325
EXH-160-SFK	443375	1325
EXH-160-SFU	474351	1325
EXL-30-HT	44149	1323
EXL-30-MX	72715	1323
EXL-36-MX	21108	1323
EXL-42-HT	97820	1323
EXP-806-SF	24945	1329
EXR-2400-TNSP	11046	1329
EXR-450-BNC	17174	1327
EXR-902-TN	17116	1330
EXS-144-BNX	32512	1324
EXS-150-BNX	46035	1324
EXS-150-MD	93966	1325
EXS-150-MX	73403	1323
EXS-150-SF	99268	1325
EXS-150-TNX	77711	1325
EXS-806-SF	66942	1329
EXS-806-SFU	56242	1329
EXW-136-BNX	57691	1324
EXW-136-MX	96084	1323
EXW-136-TNX	26104	1324
EXW-400-BNX	16584	1326
G-450-BNC	96645	1326
HT4585/E	42631	1175
J2103	472344	1180
J2104	465363	1180
J2105	451351	1180
J2106	431349	1180
KR0105/E	28015	1185
LP202	443333	1179
LP2022	419341	1179
LP203	486346	1179
LP2032	462308	1179
LP203ISAB	495331	1179
MG5061	25670	1179
MG5063	64063	1179
MP2051	58785	1179
MP2052	425350	1179
MP2053	97178	1179
MP2054	441310	1179
MP2058	416328	1179
MP6392	12456	1179
MP6393	73005	1179
MS1155	69258	1186
MS1170	17651	1186
MT2041	482343	1179
MT4824/E	16203	1176
P202500	446354	1180
P202502	459392	1180
P202502IS	455312	1180
P203500	425375	1180
P203502	456308	1180
PC5293P1	32357	1180
PC5293P2	19143	1180
PC5293P3	426302	1180
PC5293P5	448308	1180
PE5224E	476300	1180
PG4974	11406	1765
PG6965	49799	1766
PR5451	17452	1177
PR5521/E	94238	1177
PR9027	30666	1177
PR9044	69059	1177
PR9628	23697	1175
SP1100	63013	1183
SXD-450-SFJ	426391	1328
SXD-450-SFU	74311	1328
UD1105/G	56928	1183
CES Wireless		
4700VP	70247	1201
600L	76410	1172
600LEFJM	61947	1172
600LGE	75161	1172
600LKENM	48733	1172
600LMXM	97732	1172
600LRAD	35519	1172
600LUNIDEN	87126	1172
805	98765	1172
805MIS	13325	1172
805YSM	60132	1172
CRDMIC	57506	1174
MIC01-L	80373	1174
RM20	15842	1201
CESCO		
CHAK 6	65874	523
CHJB-2	91053	523
CPMB	53909	523
CPRM	40695	523
MODEL 20	59736	635
MODEL 9	21343	635
MODEL A20	72950	635
MODEL A9	34557	635
TW-J	12569	1746
TW-U	37748	1746
UGK-15	55646	459
UGK-15-6	30300	459
UGK-15CL	82798	459
UGK-15SL	42432	459
UGK-15SL5FT	22772	459
ChargeGuard Corp.		
CG12D	79697	1221
CG24D	20780	1221
Chemtronics		
25183	467345	1708
25184	419357	1708
50-2-25	80670	1676
50-4-25	68721	1676
50-6-25	17114	1676
6704	472337	1708
6709	435395	1708
80-2-5	16612	1676
C920	471309	1709
CP400	457392	1709
CP410	414380	1709
CSP20	429301	1709
CW2200MTP	476302	1676
CW2200STP	440304	1676
CW2400	435357	1707
CW2605	495018	1707
CW2900	414320	1676
CW3300C	449321	1704
CW3300G	476336	1704
CW3500	460319	1702
CW3700	456301	1707
CW4300	464383	1706
CW7400	452374	1705
CW7400	466393	1701
CW9100	461369	1702
CW9200	478305	1702
SIP100P	441360	1709
Chicago Case		
2112CART	92268	1539
6600	24800	1533
CD29	27298	1532
CD2X1	14084	1531
CD48	65691	1532
DST9CART	28696	1536
DST9WCL	76407	1536
MMST9B	53925	1535
XLST61	12835	1533
Cisco Systems Inc.		
AIR-AP1200	441370	677
AIR-AP1220B-A-K9	498375	677
AIR-AP351E2C	442082	677
AIR-AP352E2C	451067	677
AIR-BR350-A-K9	461181	677
AIR-LMC352	416165	677
AIR-LMC352/40	440027	677
AIR-MP20B-A-K9	495353	677
AIR-PCI351	494093	677
AIR-PCI352	460071	677
AIR-PCI352/10	469034	677
AIR-PCM352	456064	677
AIR-WGB352C	456065	677
AIR-WGB352R	461075	677
CAB-HSII=	442069	670
CAB-V35FC=	442009	670
CISCO1538	21274	671
CISCO1538M	21285	671

Mfg. Part Number Index

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Manufacturer / Mfg. Part Number Index

Mfg. Part Number	SKU	Page
CISCO1602-R	19807	670
CISCO1604-R	19817	670
CISCO2610	19828	670
CISCO2620	20440	670
CISCO3620	20450	670
CISCO3640	20457	670
CISCO3661-AC	20545	670
CISCO804	19718	669
CISCO805	19769	669
NM-1E	21166	670
NM-1E2W	21227	670
NM-1FE-FX	21174	670
NM-1FE-TX	21212	670
NM-1HSSI	21240	670
NM-1V	21017	670
NM-2V	21021	670
VIC-2BRI-S/T-TE	20969	670
VIC-2E/M	20910	670
VIC-2FXO	20942	670
VIC-2FXS	20960	670
VWIC-1MFT-E1	478084	670
VWIC-2MFT-E1=	474151	670
WIC-1B-S/T	20662	670
WIC-1DSU-56K4	20753	670
WIC-1DSU-T1	20736	670
WIC-1T=	20626	670
WIC-2A/S	20594	670
WIC-2T	20592	670
WS-C2950-12	455114	671
WS-C2950-24	429191	671
WS-C2950G-24-EI	436315	671
WS-X401	21382	671
WS-X402	21384	671
Cisel, Inc.		
8480-6V	36295	558
DS150E-120	62914	554
P8AX09BNCWFF	458008	546
P8AX09NMF	62855	546
P8AX09NWFF	62874	546
ClearVox Communications		
C-300	35716	751, 887, 1040, 1063, 1141
CS-E7	85664	751, 1141
CS-N61	89919	1040, 1055, 1063, 1141
Cobra Electronics		
FA-BP	63036	1163
FA-CR	444000	1163
FRS104-2VP	445152	1162
FRS105-2	498166	1162
FRS110-2 MF VP	455137	1162
FRS130-2VP	440161	1162
MA-EBM	22145	1163
MA-SM	73752	1163
MA-VOX	60538	1163
PR1100WX	420194	1162
PR950-2DX	441313	1162
Code 3, Inc.		
3000	57589	1395
3050	95982	1395
3672	19196	1396
3680	427008	1396
3892L4	32410	1396
3932	45624	1396
6100M-A	42421	1395
6200R-R-B	20172	1395
64751	58565	1395
7222RTES	67852	1395
805B	39726	1395
805RB	72886	1395
AS-10X	47127	1395
PH100U	86515	1395
PSE200	16046	1395
X304A-R/B	81246	1395
X47A13	465130	1395
Coleman Cable		
92001	68215	399
92001-05-08	83575	399
92001-06-08	31968	399
92032	70361	399
92074	33612	395
96263	19093	649
96263	88823	649
96263	88834	649
966954	61182	649
991007	20003	398
991007	58396	398
991011	57147	398
991011	95540	398
991013	15406	398
991013	53799	398
991020-06-08	66614	396
991020-06-08	91793	396
991039	34373	394
991039	62867	394
991039	88046	394
991041	24474	394
991041	37688	394
991041	85980	394
991045	57990	394
991045	93398	394
991049BLK	52151	394
991049BLK	90544	394
991049WHT	13758	394
991049WHT	65365	394
991053	52621	394
991053	66733	394
991055	48404	395
991055	86797	395
991061	61618	395
991061	74832	395
991069	35190	400
991071	21976	401
991071	73583	401
991075	47155	402
991075	60369	402
991075	90947	402
993403	45182	398
993403	96789	398
Colubris Networks		
60-05-0200	494370	678
70-03-0000-01	480329	678
70-10-0000-01	440344	678
70-10-5000-01	492323	678
70-10-5400-01	445388	678
70-30-0000-01	454328	678
70-35-0000-01	486356	678
71-01-0100-01	440397	679
71-01-0200-01	498327	679
71-01-0300-01	442372	679
Comm. Specialists		
DCS-23	56256	1169
ID-8	94150	1170
PE-1000A	65723	1170
PE-1000D	90902	1170
SS-64	17354	1169
ST20B	75087	1170
ST20C	46276	1170
ST25B	73493	1170
ST25PM	89923	1170
ST32	49969	1203
ST804A	53135	1170
ST804PM	97163	1170
ST809B	83833	1169
ST809PM	35884	1169
ST888	33008	1170
ST954B	60201	1170
TE-32	78994	1169
TE-32D	451096	1169
TP-3200RM-B1	86758	1169
TS-64	23177	1169
TS-64DS	59744	1169
TS-64MCR	21784	1169
TS-64MSTII	90822	1169
CommScope, Inc.		
0478R	469345	649
0590	420323	649
1070-540CS	45605	1744
1070-CS	39758	1744
1070BA4	78913	517
1070CT	11976	1556
1070DHK	56813	524
1070EZC	82531	455
1070MSS	66048	1558
1070RPC	70027	518
1070SGK	24571	457
1070SPC	47020	518
1873DHK	67473	524
1873EZC	82298	455
1873MSS	43905	1558
1873RPC	98859	518
1873SGK	86894	458
1873SPC	47252	518
540AUCT	416347	1556
540BA4	65788	517
540CS	83998	1744
540DHK	18420	524
540EZC	86496	455
540MSS	14441	1558
540RPC	60234	518
540SGK	97212	457
540SPC	98627	518
540UCT	476369	1556
5504M	440315	650
55N4R	448300	650
5NF4	423315	649
6ECMP	458340	651
6ECMR	478316	651
7504	413336	650
75N4	436324	650
CCCT-S	58463	1561
CR1070396TS	39850	423
CR1070396TSBN	39874	423
CR1070540TS	39848	423
CR1070540TSBN	39871	423
CR1070DM	76797	416
CR1070NF	38404	416
CR1070NM	90011	416
CR1070TSBN	39879	423
CR18731070TS	39822	423
CR18731070TSBN	39860	423
CR1873396TS	39832	423
CR1873396TSBN	39865	423
CR1873540TS	36044	423
CR1873540TSBN	39863	423
CR1873NF	79190	422
CR1873NM	70111	422
CR50-1070PE	51618	379
CR50-1873PE	78051	382
CR50-540PE	36850	374
CR540DF	99173	411
CR540DM-R	89392	411
CR540NF	35601	411
CR540NM	87208	411
CR540NM-R	52248	411
CR540TSBN	39883	423
HBAB	41300	529
HK-1DHK	95206	524
HK-2DHK	54514	524
HK-3DHK	92907	524
MT	71276	1743
R-002-LN-6U-F12BK	457314	655
R-004-LN-6U-F12BK	487341	655
R-006-LN-6U-F12BK	421316	655
R-008-LN-6U-F12BK	460396	655
R-010-LN-6U-F12BK	475334	655
R-012-LN-6U-F12BK	451326	655
RMB-U	28086	528
RMB-WP	66479	528
TWK-50	42549	1746
UWK	16121	1743
WBC-200	84202	401
WBC-400	84204	397
WBC-400P	447303	397
WBC-600	84226	375
Comtelco		
A1001A	46167	1732
A1001B	93261	1732
A1083B-06	83395	1287
A1083B-25	81046	1344
A1083B-96	56967	1300
A11382B	438155	1331
A1185A-96	31477	1297
A1211A-450	14334	1259
A1211A-470	98751	1259
A1283A-06	42609	1279
A1611B-154	441149	1253
A1611B-156	426190	1253
A1611W-152	443341	1253
A1801HS-27/MBUL	14429	1236
A1801HS-30/MBUL	91215	1236
A1801HS-34/MBUL	39608	123
A1801HS-37/MBUL	78001	123
A1801HS-40/MBUL	26394	123
A1801HS-47/MBUL	64787	123
A1813S-44/MBUL	51573	124
A1843S-50/MBUL	88717	126
A1843S-70/MBUL	37110	126
A1845S-50/MBUL	10682	126
A1845S-70/MBUL	49075	126
BS150U-B	95408	2
BS150U-C	23419	2
BS150XL3-D	59458	2
BS150XL3B	30043	2
BS18XL8KT-01	413152	7
BS18XL8KT-04	490118	7
BS800XL5-C	94750	7
BS800XL7-C	43143	7
BSMNT2	63322	49
CC450	87993	6
CC850	36386	6
CZL01	75548	135
CZL04	75546	135
D5049	95509	11
D5050	43902	11
MBAL04	55505	135
MBAL06	92569	135
MBZL04	96226	135
MC800S/SP	76688	135
MGAS	17474	135
MGZS-04	18191	135
MUL	19533	135
MZL	95756	135
QC850	77277	7
TC800S-06 TNC	29339	128
TC800S-25 M/UHF	29185	134
TC800S-25 TNC	57116	134
TKAL	31788	136
TMBM	89825	132
Y2285B-06	42176	11
Y2287A	78656	12
Connect Systems		
8300R	41695	120
9800D	40446	120
CS-800	11321	120
CS-900	49714	120
LT-4200	21603	116
TP-154	13819	116
Cooper B-Line		
B200-HDG	93695	53
B217-24 GAL	94388	53
B230	81174	53
B271	42781	53
B655-1/2	22032	53
B822	453099	53
B822	77787	53
B822	94645	53
E2-SC-782930-23BL	15875	53
SB-1003-F	30859	175
SB-1003-G	52232	175
SB-109-B	13466	53
SB-109-C	95067	53
SB-15-06	23890	53
SB-15-12	13174	53
SB-15-12-GR	71843	53
SB-15-18	27396	53
SB-15-18-GR	44720	53
SB-166-B	99050	53
SB-17-04-GR	18413	53
SB-17-06-GR	65079	53
SB-17-09-GR	13472	53
SB-17-12	31134	53
SB-17-12-GR	51865	53
SB-17-15-GR	70020	53
SB-17-18-GR	44039	53
SB-17-24-GR	55458	53
SB-20-05-05-TG	58678	53
SB-21-A	80705	53
SB-21-B	90258	53
SB-2101-A	74546	53
SB-2103-A	22939	53
SB-2104-GR	61332	53
SB-2105-06-GR	38651	53
SB-2105-09-GR	77044	53
SB-2105-12-GR	25437	53

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Mfg. Part Number	SKU	Page
B-2105-15-GR	32876	531
B-2106-A	36153	530
B-2106-A	79693	530
B-2107	99725	532
B-2109	49367	532
B-2110-A	50616	532
B-2111-A	37402	532
B-2111-B	75795	531
B-2113-06-GR	86511	531
B-2113-09-GR	34904	531
B-2113-12-GR	73297	531
B-2113-18-GR	73818	531
B-2113-24-2GR	59722	531
B-2114-A	87760	533
B-2116-A	63830	531
B-2116-D	67652	531
B-2116-D-2	59745	531
B-2117-A-SN	12223	533
B-2128-12-GR	10974	532
B-213-06-KGR	60083	530
B-213-09-KGR	98476	530
B-213-12-K	95955	530
B-213-12-KGR	46869	530
B-2133-09	58834	530
B-2133-12	45620	530
B-2135	31867	532
-2215-B	44371	536
-2542-01	87509	542
-302-12	54786	536
-302-36	24127	536
-303-36	55750	536
-304-12	84013	536
-304-36	32406	536
-304-72	70799	536
-306	19192	536
-4001-E	57585	536
-4002-C	95978	536
-556-084	62359	537
-556-084-GRAY	41530	537
-556-090	62127	537
-5578-084	49580	541
-571-66S-084-TC	51024	541
-579-03	23966	542
-580	46340	534
-5866-138-TG	462151	541
-587	17943	542
-588-A	56336	542
212706AGR	85262	531
212709AGR	33655	531
212712AGR	72048	531
ISMIC LADER KIT	472392	533
N228-ZNPLT	73973	534

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-0003-005	19552	1202
-0070-001	57149	1211
-TK80-002	481354	1205
OTP	78684	1203
BLE -90 SERIES	470339	1205
BLE MOTO SERIES	445396	1205
BLE TTP216-90	428319	1205
BLE TTP216-MOTO	445359	1205
SE-TTP1,2	40291	1205
ADAPTER	65803	1208
10	86981	1201
10-2F	73767	1201
10-2F-I	85732	1202
10-2F-I-L1/L2	35141	1201
10-4W	27880	1201
10-DE	72518	1201
10-FD	66273	1201
10-I	47339	1201
10-I-L1L2	90845	1201
10-M	35374	1201
DR10-M-2F	60553	1202
DR10-M-2F-DE	59304	1202
DR10-M-2F-I	34125	1202
DR10-M-I	98946	1201
DR20	19861	1202
DR20-2F	58254	1202
DR20-DE	83433	1202
DR20-FD	45040	1202
DR30	82184	1202
DR30-2F	30577	1202
DR40	67721	1202
DTC-I	25925	1203
DTPI	77998	1202
DTPI-4W	58292	1202
DTPI-C	26391	1202
DTPI-FD	96685	1202
DTP2	64784	1203
DTP2-C	13177	1203
DTP2-FD	19899	1203
DTP3	89963	1203
DTP3-C	38356	1203
FS	18324	1211
JM100	10217	1203
JM100-TR	61562	1203
JM200	89497	1205
LE10	35807	1206
LE10-I	75538	1206
LE10-M	88752	1206
LE10-M-2F	42268	1206
LE10-M-I	23931	1206
LE20	15531	1206
LE30	88045	1206
LE40	10010	1206
MCP200	35748	1208
MCP200C	498165	1208
MCP200C-4WFD	456137	1208
MCP200G	74141	1208
MCP200M	84470	1208
MCP200M-4WFD	441076	1208
MCP300	69749	1209
MCP400	15922	1209
MCP401	17761	1209
MCR210 ALPHA GN	89903	1208
MCR210 ALPHA	72800	1208
MCR210 NEW	10569	1208
MCR210BK NEW	96611	1208
MCR211A	477148	1207
MCR211A-UEI	462183	1207
MCR220	96209	1208
MCR220-220V	93178	1208
MCR310 ALPHA	21193	1208
MCR310	31356	1208
MCR410 ALPHA	79494	1209
MCR410	80743	1209
MCR411 ALPHA	17726	1209
MCR420	41101	1209
MR100	57505	1203
MR100-TR	48348	1203
MR200	80360	1205
MR200-4W/FD	95625	1205
MR202	61824	1205
TR10	19422	1203
TR10-16F	436378	1204
TR10-2F	96208	1203
TR10-2F-4W	69780	1204
TR10-4F	477383	1204
TR10-4W	51532	1203
TR10-4W-BLK	446122	1203
TR10-FD	94959	1203
TR20	40854	1204
TR20-2F	64279	1204
TR30	66033	1204
TR40	52819	1204
TSP200	73620	1208
TSP401	71124	1210
TSP402	30408	1209
TSR200	86834	1208
TSR411A	32731	1210
TSR412A	30354	1209
TSR412A-BK-DE	462159	1209
TTPI	11466	1205
TTPI(N)	431333	1205
TTPI-4W/FD	69234	1205
TTPI-4W/FD-C	438083	1205
TTPI-C	66473	1205
TTP10	51104	1205
TTP2	49859	1205
TTP2(N)	496319	1205
TTP2-4W/FD	11890	1205
TTP216	459309	1205
TTP4	64318	1205
WM/LE	99032	1206
WM/REMOTES	52373	1204
WP	50283	1206

Crescend Technologies, LLC

K100-XX-28-C11	420369	702
P10-XXAC1-C1-001	413389	701
P10-XXAC1-C1-001	437388	701
P10-XXEA1-C1-001	486374	701
P10-XXHA1-C3-001	440392	702
P15-XXHA1-C1-001	484351	702
P15-XXK1-C1-001	414394	702
P9-XXK1-C3-001	467396	702
P9-XXL1-C3-001	488389	702

Crescent Tools

19507CV	471393	1569
2006	16004	1590
2010	92790	1590
50-8CV	32654	1569
529-10KIT	62162	1580
52910	83040	1580
5427C	53869	1577
5437CE	477335	1578
654-6C	71991	1569
6547C	418385	1569
9336CV	476085	1577
9426C	471382	1577
AC110	68323	1581
AC110V	414392	1581
AC112	93710	1581
AC112V	414347	1581
AC14V	439345	1581
AC16	16924	1581
AC18	55317	1581
ATI15SPUB	412353	1585
BT10CV	480366	1585
BT12CV	477323	1585
FR7	439102	1585
FRM7	427118	1585
FRP7	458386	1585
FRPM7	423397	1585
L26CV	484356	1579
R212CV	40038	1580
RT216CV	85520	1580
SDMBR1	65433	1619
SDMBR2	65457	1619
SDMBRV	65346	1619

CSI/Speco

13FM08T	19655	667
AES4	44774	1213
ASPC20	23342	1213
AT10	42276	1214
AT10D	66054	1215
AT50D	14447	1215
CBS100	98875	1212
CBS240	48521	1214
CBS240W	40875	1214
CBS4	32809	1212
CCTV-1	10188	667
CST-125	58795	668
CST-150	32367	668
CVCI700	454012	667
CVCI705	431060	667
CVCI85DC	86984	667
CVC190	418199	667
CVC325WP/S	488040	667
CVC620WP/S	475076	667
CVC625WP/S	450089	667
CVC6700	463000	667
CVC6705	494044	667
DM520	83167	1171
DM520P	57438	1212
DMS3P	80669	1214
ER370	46023	1215
FSG-35	79268	1214
HLFI0	75999	1715
IMP-100D	423145	1215
IMP-50D	476168	1215
MBM-3	71259	1212
ML-2	29566	1212
ML-4	469338	1212
PAT20	78696	1211
PAT30	52268	1211
PAT60	58022	1212
PBM120	462132	1212
PBM15	496161	1212
PBM30	428106	1212
PBM60	436120	1212
RESI200	448070	667
RESI600	444026	667
RQS-10B	427101	668
RS-100M	451184	667
SA-2P	18642	1215
SA4P	92634	1215
SMS-35	27661	1214
SP100	96441	1214
SP100W	44834	1214
SP250W	88973	1214
SP450AE	449093	1214
SP450AEW	438058	1214
SP500AE	437050	1214
SP500AE/T	413001	1214
SP500AEW	484012	1215
SP500AEW/T	455071	1215
SP50W	410008	1214
SP600AE	415086	1215
SP600AEW	431041	1215
SPC10	25840	1213
SPC10/4	12626	1213
SPC15	24591	1213
SPC15R	62984	1213
SPC15RP	11377	1213
SPC15T	49770	1213
SPC20R	61735	1213
SPC40RP	19595	1213
SPC5P	69953	1213
SPC60RP	18346	1213
SPC8	81918	1213
SPRK6B	422007	1215
SPRK6G	470066	1215
SPRK8B	433007	1215
SPRK8G	467003	1215
SQS4B	34118	668
SQS8B	39663	668
SRD-100	34701	1214
SRD-50	47915	1213
SRD-75	86308	1214
SRH-159R	59880	1213
SRH-16	73094	1213
SSB-5	489191	1213
SVT-124	43113	668
TRV-960	411300	668
VM1201B	59297	668
VM1501B	46083	668
VM901B	20904	667

Curtis NAMFAX

FONFAX	97518	1477
FULFAX SET	82920	1477
NAMFAX EDITION 13	410354	1477

Cushcraft/Signals

1504S	79390	33
1504SA	20305	33
1554S	66176	33
1554SA	58698	33
4502P	52962	54
4504P	91355	57
4504S	78141	56
4508P	26534	58
4508S	64927	57
AR-2	90106	21
ARX-2B	25285	21
BR2	12071	2
BR3	50464	5
BR4	88857	5
CR450	37250	41
CRS150	24036	19
CRS2	62429	2
CRS3	10822	5
CRS4	49215	5
CRS7	87608	8
CRX150	36001	21
CRX150B	74394	21
CRX220B	12523	13
CRX450	22787	43

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Manufacturer / Mfg. Part Number Index

Mfg. Part Number	SKU	Page
CRX450B	61180	43
CRX470	99573	43
FR430	39929	45
FR450	92785	45
FRX450	26715	46
MOT	29828	1357
MOT1	68221	1355
MOT10	16614	1355
MOT11	55007	1355
MOT12	93400	1355
MOT17	23188	1355
MOT2	41793	1355
MOT3	80186	1355
MOT4	28579	1355
MOT5	66972	1356
MOT6	15365	1355
MOT7	53758	1355
MOT8	92151	1355
MOT9	40544	1355
MOTB-4	42720	1355
MOTB11	81113	1355
ORING1	78937	1318
P154-4	34752	35
P158-4	73145	35
P162-4	21538	35
P166-4	59931	35
P220-4	86548	14
P406-3	85110	59
P457-3	71896	59
PC18513N	34653	164
PC2415N	14571	236
PC457N	58682	65
PC477N	97075	65
PC8010N	45468	121
PC804N	83861	113
PC806N	42199	117
PC806NP	33252	117
PC8210N	32254	121
PC8910N	70647	150
PC9010N	19040	151
PC9013N	41310	155
PC904N	57433	144
PC906N	67378	147
PE457-6	95826	62
PF457DA	31005	55
PLC-1506	69398	37
PLC-1509	17791	40
PLC-1586	56184	37
PLC-1666	42970	37
PLC-2206	34941	15
PLC-4010	29756	66
PLC406	68149	61
PLC4510	16542	66
PLC456	54935	61
PLC4710	93328	66
RING	51260	1319
S18512P12NF	32706	257
S18521PDNF	447374	178
S1857AMP10SMF	95664	160
S1857MP10SMF	39984	160
S2307MP10NF	463139	261
S24012P12NF	87133	225
S24015P12NF	420355	222
S24024PDNF	66529	191
S2402DSX24MMX	422346	220
S2403BH12NF	90599	217
S2403BP12NF	19585	217
S2406DSP12NF	413017	223
S2406DSP12NF	486333	220
S2406PL	27516	223
S8060B	28507	72
S8063B	29016	74
S8064B	72447	75
S8960B	66900	130
S8963B	67409	131
S8964B	72646	132
S9026PL	84140	140
SD1803NF	54405	157
SL1852P12NF	490356	258
SL82184P12NF	461308	262
SL8244P12NF	437320	249
SLMG	78788	1359
SLMGBU	88404	1359
SLMGM	11468	1359
SM1852PSMF	489370	258
SMGBU	23583	1359
SMGU	75190	1359
SMK	15293	474
SN150 FASTPAK	35548	1250
SN1501A	61976	1244
SN150A	48762	1250
SN150C	87155	1317
SN150F	60727	1250
SN150S FASTPAK	73941	1251
SN150SF	22334	1251
SN1521A	99120	1244
SN30A	85906	1238
SN30R	21085	1321
SN30S FASTPAK	59478	1238
SN34A	97871	1238
SN34S FASTPAK	33050	1238
SN40A	19836	1238
SN40S FASTPAK	45015	1238
SN450 FASTPAK	56980	1268
SN4501A	83408	1260
SN450A	70194	1268
SN450L FASTPAK	95373	1268
SN450R	43766	1322
SN450S FASTPAK	82159	1269
SN450SF	68945	1269
SN450SL FASTPAK	30552	1269
SN46A	55731	1238
SN46S FASTPAK	42517	1238
SN4701A	80910	1260
SN8061A	92875	1276
SN8062A	79661	1282
SN808A	66447	1282
SN808LM	53233	1339
SN808LN FASTPAK	91626	1283
SN808M FASTPAK	58598	1283
SN808R	65198	1322
SN8252A	51984	1337
SN908A	25556	1297
SN9282A	24307	1297
SNB8061A	57431	1276
SNB808A	11093	1282
SNB908A	36272	1297
SNCONE2	48237	1320
SNH150A	86630	1252
SNH450A	73416	1270
SNL	60202	1321
SNLM	98595	1321
SNW1500S FASTPAK	46988	1244
SPR5	85381	1318
SQ1853PNF	98776	252
STL	97346	1359
SX808A	69131	1337
SX808LN	54264	1282
SXB808A	17524	1337
SXB908A	94310	1297
TL92463 WHITE	19311	395
TL92463 WHITE	57704	395
TL92887	44490	395
TL92887	96097	395
TL93605	46502	399
TL93605	98109	399

D

D. Lilly & Company

Mfg. Part Number	SKU	Page
101	39833	1363
104	29117	1363
206B	14654	1363

DAPA

Mfg. Part Number	SKU	Page
2960.005	21042	94
2960.006	19793	93
2980.005	83365	99
2980.006	31758	97
2981.006	85069	98
307.78	56767	476
3960.005	43723	94
3980.005	30509	97
3980.006	68902	96
48010	37825	174
58210	53592	168
59010	71239	173
59210	57716	173
FIX 903	42474	487
FIX 905	29260	487
TB-3960	17295	476
TB-6	48308	476
TB-9	89957	476

DBI/SALA

Mfg. Part Number	SKU	Page
1101809	40395	1634
1101811	414357	1634
1101812	457378	1634
1102001	61645	1632
1102010	70667	1634
1103510	82658	1634
1103850	58728	1633
1103852	20335	1633
1105403	88801	1632
1108625	489199	1633
1108626	484123	1633
1108627	488172	1633
1108650	466147	1633
1108651	478170	1633
1108652	445196	1633
1201520	29776	1635
1201531	17426	1635
1202844	70693	1635
1220006	19086	1637
1221008	68169	1637
1221106	15982	1637
1224006	70282	1637
2000106	18675	1639
2000108	81383	1639
2000523	95461	1639
3103108	56873	1635
3103208	87799	1635
3504430	29196	1635
3504450	67589	1635
3600000	29721	1635
3602000	83496	1635
5001441	28553	1639
6116500	57479	1640
F-FLEX 200	20309	1640
F-FLEX 250	97095	1640
F-FLEX 300	83881	1640
F-FLEX 480	13065	1640

DDB Unlimited

DDB Unlimited, The Cabinet People, offers a complete line of indoor and outdoor cabinets and enclosures. Heating and cooling features are available.

Mfg. Part Number	SKU	Page
5MICRON	496036	545
AC-2115	89864	545
C-17	45589	545
C-34	83982	545
CA-4	27904	545
F-25-115	25682	545
F-25-12	430121	545
F-25-230	478145	545
F-25-24	462116	545
F-25-48	469115	545
HT600-115	12468	545
MINI-15	91476	544
MTD	96879	544
MTDD	84252	545
MTDDX	462169	545
MTDX	77543	545
OD-30DX	78968	544
OD-50DD	40771	545
OD-50DDX	91129	545
OD-50DX	42020	545
OD-62DD	79164	545
OD-62DDX	39522	545
OD-62DX	28806	545
OD-62PDD	18645	545
OD-78DD	27557	545
OD-78DDX	77915	545
OD-78DDXAC	72968	545
OD-78DX	67199	545
POD-1020F-POD-1	47629	544
R-2-30	41118	545
R-2-42	79511	545
ST-30D	29153	545
ST-30DD	15939	545
ST-30DX	55234	545
ST-42D	67546	545
ST-42DD	54332	545
ST-42DX	93627	545
ST-ST30	66297	545
ST-ST3042	70768	545
ST-ST42	14690	545
WCU-B14	92725	544
WCU-P16	28861	544

Decibel Products

Decibel Products designs and manufactures base station antennas and wireless infrastructure equipment in virtually all RF applications, including cellular/AMPS, GSM, PCS/DCS, CDMA, paging and trunking.

Mfg. Part Number	SKU	Page
053001-003	52001	399
11316	53051	1743
11317	91444	1743
11652	24849	527
11653	63496	489
11905	18604	1711
11907	56997	1738
11908	95390	1738
12029	96893	71
12035	70465	71
12074	42788	71
14436/7-2C	66718	71
14438-2-C	53504	71
14498/9-2A	40290	71
14498/9-2C	78683	71
844G65VTZASX	490334	108
844G80VTZASX	467340	108
844G90VTZASX	469362	105
854HVH90D-SX	43387	126
958DD90T2E-M	69189	180
978H65T2E-M	13966	169
978H90T2E-M	65573	166
ACD2905	97638	299
ACJ2802J2	21123	332
ASPA977V5HE	83246	79
ASPDR-810	54337	120
DB11391	16631	449
DB11901	83425	1742
DB11902	31818	1742
DB201-E	64220	19
DB201-G	25827	18
DB201-H	67896	18
DB201-L	76185	4
DB201-M	24578	18
DB201-N	37792	41
DB201-P	62971	41
DB205-C	49757	9
DB205-F	88150	18
DB205-L	36543	4
DB205-M	74936	18
DB212-2-B	71855	5
DB212-2-D	71189	9
DB212-4-*	56726	6
DB212-D	29049	9
DB212-D	80656	9
DB214-B	66193	7
DB214-F	39765	34
DB220-A	26551	28
DB220-B	64944	28
DB222-A	90123	29
DB222-B	38516	29
DB222-C	76909	29
DB222-F	12088	29
DB222E-A	63695	29
DB224-A	88874	31
DB224-B	37267	31
DB224-C	75660	31
DB224-E	62446	31
DB224-JJ	72892	14
DB224E-A	49232	31
DB225-2-F	21555	10
DB225-F	32271	10
DB225-F	35396	10
DB225-F	48610	10
DB225-F	58699	10

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Mfg. Part Number	SKU	Page
DB225-K	19057	34
DB225-K	57450	34
DB228-A	82629	33
DB228-B	31022	33
DB230-2-*	56201	7
DB230-2-E	42987	12
DB230-A	16559	7
DB230-B	93345	7
DB230-C	41738	7
DB230-E	14061	11
DB230-E	65668	11
DB230-E	80131	11
DB230-J	53703	36
DB230-J	92096	36
DB230-L	78882	36
DB230W-E	52454	11
DB252-A	77633	38
DB254-C	51205	64
DB264-A	36742	32
DB264-B	75135	32
DB264-C	23528	32
DB264-JJ	87626	14
DB264E-A	61921	32
DB268-A	48707	34
DB286	32995	11
DB286-A	21030	8
DB286-B	97816	7
DB286-G	19781	39
DB292-A	44960	39
DB292-B	83353	39
DB292-C	31746	39
DB304-A	18532	32
DB304-B	56925	32
DB304L-A	82104	33
DB314-A	30497	56
DB365-OS	55676	487
DB365-SP5	94069	487
DB365-SP7	42462	487
DB365-SP9	80855	487
DB365-W	29248	479
DB366	22906	487
DB370	67641	487
DB375	54427	492
DB375-SP5	81948	492
DB380	84463	475
DB380-4	32856	475
DB4001-1	19201	268
DB4001-2	81524	269
DB4001-3	80275	269
DB4002-2B	20607	269
DB4002-B	53847	267
DB4002-D	27419	274
DB4002N-B	87743	268
DB4026W-2	87244	275
DB4026W-3	59567	275
DB4028-1	46353	278
DB4032-8A	87017	282
DB404-A	27999	54
DB404-B	66392	54
DB404-D	53178	54
DB4042H-1	31890	263
DB404L-B	91571	54
DB4059	37521	287
DB4060WC-C	12431	289
DB4060WOC-B	38859	285
DB4060WOC-C	83002	289
DB4062WC-C	49575	289
DB4062WOC-A	60448	285
DB4062WOC-B	51921	285
DB4062WOC-C	11182	289
DB4077-A	53692	294
DB4077-B	456019	295
DB408-A	26750	56
DB408-B	65143	56
DB408-C	13536	57
DB408-D	38715	57
DB408D-B	51929	55
DB408L-B	77108	56
DB408T-4-B	50680	55
DB408T-9-B	89073	53
DB4090-A	94937	298
DB4090S-A	16902	299
DB411-B	24252	57
DB413-B	23003	58
DB4193-A	72980	282
DB420-B	73361	57
DB420-C	46933	57
DB420-D	85326	57
DB420D-B	72112	56
DB4259S18RWT	92190	281
DB4303-B	46552	1432
DB432-A	19256	61
DB4331-A	473152	332
DB4331-B	477198	332
DB4332-B	482154	332
DB4333-A	24311	332
DB4333-B	11097	332
DB4333-C	79382	332
DB4337	28342	333
DB4345C-C	77315	332
DB4350-2204-D	32409	302
DB436-A	69614	63
DB436-C	56400	63
DB436-D	94793	63
DB436-E	43186	63
DB4365WB-A	60520	305
DB4365WB-B	42708	305
DB437-A	29972	63
DB437-C	16758	63
DB4379-4404B	49774	309
DB438-C	67116	64
DB4602	59241	1432
DB4612-2A	96385	330
DB4613-1A	44778	330
DB4613-2A	91203	330
DB4614-1A	17101	330
DB4614-2A	55494	330
DB4632-1A	42280	331
DB4632-2A	92638	331
DB4742-213	76926	330
DB492-A	92295	115
DB492-K	40688	145
DB493-A	79081	114
DB493-K	27474	144
DB495-A	14260	119
DB495-B	52653	146
DB496-A	91046	151
DB498-A	77832	118
DB498-C	26225	118
DB498-K	64618	147
DB499-A	13011	119
DB499-C	51404	119
DB499-K	89797	149
DB5001	38190	473
DB5001-SP5	67290	473
DB5001-SP7	76583	473
DB5002	24976	473
DB5004	63369	473
DB5004-3-3	98909	473
DB5004-5	11762	473
DB5004S-MTD	70440	475
DB5007	50155	473
DB5012	36941	473
DB5012-SP5	75334	473
DB5030	93972	474
DB5080	74085	496
DB5083	17315	475
DB5083D	21350	475
DB5086-P	14180	475
DB5086STM	47916	476
DB5091-3	10497	487
DB5098	57372	475
DB5099	84643	475
DB516-A	60871	25
DB516-B	99264	25
DB536-G	59622	48
DB536-J	21229	48
DB538-J	33194	50
DB540K-G	19980	52
DB540K-J	58373	52
DB561K-CR	64863	104
DB561K-CT	89272	104
DB562K-CR	13256	107
DB562K-CT	36416	107
DB564K-CR	19875	110
DB564K-CT	20704	110
DB567K-CR	71062	111
DB567KR90-CT	78781	103
DB567R90-CR	83027	103
DB580-XT	62798	73
DB580-Y	10954	130
DB583-XC	99743	74
DB583-XT	61350	74
DB583-Y	48136	131
DB586-XC	60101	77
DB586-XT	21708	77
DB586-Y	93743	134
DB586T3-Y	35121	134
DB589-XC	52010	81
DB589-XT	87977	81
DB589-Y	59703	136
DB589T3-Y	42136	136
DB589T6-Y	30324	137
DB616-AB	67315	26
DB616-BC	15840	26
DB630-A	92494	44
DB630-C	79280	44
DB630-D	77593	44
DB633-A	27673	46
DB633-C	14459	46
DB636-A	52852	49
DB636-D	78031	49
DB636NS-C	39638	49
DB638-C	13210	51
DB640NS-C	41805	52
DB771S50N-SX	68876	249
DB771S50N-SY	79825	249
DB781S50N-C	79954	246
DB781S50N-SY	37901	246
DB784SM5N-SY	12167	246
DB784SM5N-XC	65442	246
DB784SM5N-XT	68753	241
DB786DC5N-XM	86700	241
DB786SD5N-SY	58685	245
DB786SD5N-XC	20292	245
DB786SP5N-SY	45471	246
DB786SP5N-XC	97078	246
DB791S50N-C	41561	248
DB791S50N-SY	76294	248
DB791SD5S-M	63906	253
DB793SD5N-M	52013	253
DB794SL5N-KM	32257	254
DB794SM5N-M	58096	250
DB796CP5N-M	96489	253
DB796DM5N-M	44882	252
DB796SPLLN-M	14145	255
DB799N-M	30407	162
DB803M-XT	86529	75
DB803M-Y	73315	131
DB806-XC	11318	77
DB806-XT	27754	77
DB806-Y	99942	134
DB8062F-10B	61214	318
DB8062F-5B	87642	316
DB8062F2-B	86393	312
DB8062H2-E	10856	313
DB8062HWB-B	98358	311
DB8062HWB-E	77045	311
DB806D-XC	55719	77
DB806D-XT	64390	77
DB806D-Y	47086	134
DB806T3-XC	75533	78
DB806T3-XT	96757	78
DB806T3-Y	98693	133
DB806T6-Y	85479	133
DB806TL	22995	133
DB806TL	60104	133
DB809DK-Y	62646	137
DB809K-XC	20459	81
DB809K-XT	72066	81
DB809K-Y	58852	137
DB809K-YP	49203	137
DB809KSRE-XC	411038	86
DB809KT1-YP	25544	137
DB809KT2-YP	58104	137
DB809KT3-XC	61070	81
DB809KT3-Y	86249	137
DB809KT3-YP	74169	137
DB809KT6-XC	51307	82
DB809KT6-Y	29003	138
DB809M-XT	57929	81
DB810K-XC	34642	83
DB810K-XT	30252	83
DB810K-Y	42166	139
DB810KE-SY	426189	84
DB810KE-XC	54325	84
DB810KRR-XT	72394	87
DB810T3-XC	61748	85
DB810U3-XC	95399	85
DB812K-XC	34706	86
DB812K-XT	73099	86
DB812K-Y	98214	140
DB834RF-F	95716	103
DB842H80-XY	88101	103
DB842H90-XY	24529	102
DB844H80-XY	11315	109
DB844H90-XY	50612	107
DB844H90F-XY	29279	107
DB844H90VT-X	21088	105
DB844H90VTE-X	469140	105
DB846H105E-SX	52882	107
DB854DD90-SX	55789	125
DB854DD90E-SX	17396	124
DB854HV65-SX	28112	127
DB854HV65E-SX	54540	128
DB854HV90-SX	16147	126
DB854HV90E-SX	67754	126
DB854HVH110D-SX	78470	124
DB854HVH65D-SX	11151	127
DB855DD65SX	22913	128
DB855DDH90E-SX	67051	124
DB858DDH90-SX	61509	125
DB858DDH90E-SX	99902	125
DB858HV65-SX	49544	129
DB858HV90-SX	74286	129
DB858HV90E-SX	91684	129
DB864H90-SX	91672	100
DB871H83-X	91969	88
DB872H105-X	78755	89
DB872H105-XT	94382	89
DB872H105TLX	11571	89
DB872H120-X	65541	89
DB872H120-Y	13934	141
DB874G105VTE-SX	482320	90
DB874G90VTE-SX	444300	92
DB874H105-SX	39113	92
DB874H120-SX	71792	91
DB874H120-SY	64292	141
DB874H83-SX	12685	95
DB874H83-SY	51078	142
DB874H83E-SX	72398	95
DB881H60-Y	24650	140
DB882H60-X	49829	90
DB884H45-X	36615	100
DB884H45-Y	75008	141
DB884H45E-X	69900	100
DB8860-A	64436	336
DB8860BV	60423	336
DB8864	12829	336
DB8869-AD14	89615	336
DB8869-MODEM	51222	336
DB8869-SL3	76401	336
DB8881A-350	21526	336
DB8882-A1000	49973	336
DB8882-A350	88366	336
DB8885-A350	75152	336
DB8885A-100	47810	336
DB8885A-1000	66700	336
DB8922	59440	1432
DB894H65VTE-SX	484310	94
DB894H65VTR-SX	462305	94
DB910CE-M	81460	159
DB910T3CE-M	12760	159
DB930DD90E-M	97857	180
DB932DD90E-M	22320	181
DB932DD90T2E-M	60713	182
DB948P85E-KL	62803	168
DB948P85E-M	19939	168
DB958DD90TRE-M	90799	179
DB961DD65T2R-M	40441	184
DB961DD90E-M	79346	181
DB961DD90T2E-M	33857	182
DB961DD90T2R-M	15770	182
DB961DD90TRE-M	94673	182
DB972H30N-M	39324	165
DB974H65G-M	59507	161
DB974H65N-M	21114	162
DB977H90E-S	53465	231
DB977H90N-S	68851	231
DB978H65R-M	13474	169
DB978H90T2R-M	74278	166
DB979H65E-M	34328	171
DB979H65N-M	85935	169
DB980H90E-M	48440	170

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Manufacturer / Mfg. Part Number Index

Mfg. Part Number	SKU	Page
DB980H90N-M	61654	170
DB980H90T2E-M	72678	170
DB980H90T4E-M	59464	170
Deka		
12AVR-30C	53170	618
12AVR-40C	56257	618
12AVR100-3ET	494350	618
12AVR75-7	460330	618
22HR2000S	410330	648
24AVR-100	56283	618
24AVR-75	56276	618
24AVR100-SET	430341	618
24HR3000	460315	648
27HR3500	452303	648
2AVR375E	425304	618
31HR4000	488330	648
31HR5000	488328	648
4DHR6500	497389	648
U1HR1500S	477315	648
Desco Charleswater		
09069	435152	1692
10384	90817	1689
13808	470198	1688
13816	439138	1688
13832	410131	1688
14770	24023	1692
14810	49202	1691
16202	80101	1690
16213	28494	1690
16214	68136	1690
16475	77603	1688
17200	83848	1693
23494+49202	57970	1689
Dewalt		
D21002	452377	1516
D21009	411399	1515
D5100SM	442353	1517
DG300	453399	1540
DG2900	430389	1522
DG4300	441317	1522
DG6000	471335	1523
DG7000	490395	1523
DW005K-2	416362	1516
DW006K-2	493379	1516
DW008K-2	418383	1522
DW0242	460339	1517
DW130	470110	1516
DW160	38823	1516
DW2022	56427	1571
DW2032	94820	1571
DW2161	48563	1572
DW2218	31248	1572
DW2219	69641	1572
DW2220	18034	1572
DW245	81290	1516
DW2541	430009	1573
DW2542	473027	1573
DW2551	421003	1519
DW402	455141	1516
DW567K	446174	1516
DW9071	45068	1517
DW9091	83461	1517
DW9096	28893	1517
DW9109	79308	1517
DW9116	28897	1517
DW920K-2	430048	1514
DW926K-2	39532	1514
DW938K	12197	1522
DW966K	69675	1515
DW983K-2	483158	1515
DW985K-2	464109	1515
DW989K-2	417185	1515
DuraComm Corp.		
BB12	440198	595
BB15	423149	595
BB18	418114	596
BB3	19520	595
BB6	31485	595
BB9	435133	595
DP-12-75	467152	595
DP-15-75	475173	595
DP-18-75	414154	595
DP-6-75	479124	595
DP-9-75	431198	595
DPM8100	464145	596
DPS-15	485104	596
DPS-24-125	431158	597
DPS-24-250	492118	597
DPS-30	447114	596
DPS-45	432102	597
DPS-55	495163	597
DPS-75	493116	597
IQ3	466132	607
IQ3-DPS75	417365	607
IRCL	45948	607
LP-10	93576	601
LP-10N	475195	601
LP-14	68397	601
LP-14N	475197	601
LP-18	28755	601
LP-25EX	50401	601
LPB12	435165	594
LPBC	71813	607
LPBC-25	495032	607
LPH-ICOM	494194	602
LPH-KEN/L	88335	603
LPH-KEN/S	36728	603
LPH-MAX/GE	75121	602
LPH-MOT/CDM	413191	603
LPH-MOT/L	89584	603
LPH-MOT/S	37977	603
LPH-NEX	21241	603
LVD12	455170	609
LVD24	454156	609
LVD48	487166	609
P1212	422141	606
P348	434159	606
P624	457134	606
PFC-500/13.8	491185	606
PFC-500/24	422144	606
PFC-500/48	496165	606
REG4810	441157	610
RLP1048	469114	594
RLP2024	496170	594
RLP2048	426174	594
RLP4012	489161	593
RLP4024	490141	594
RLP8012	476173	593
RM10012	22506	591
RM10012M	48934	593
RM1224	455102	591
RM1224M	471189	593
RM1248	50827	591
RM2512	35720	591
RM2524	74113	591
RM2524M	23755	593
RM2548	99292	591
RM5012	49061	591
RM5012M	82860	593
RM5024M	87327	593
RM7512	22633	591
RMBB	88958	592
RMBC	37351	592
RMBC-48HP	432042	592
RMF1048	448158	592
RMF2024	498172	592
RMF4012	428169	592
RMSL1212	472170	592
RMSL348	488171	592
RMSL624	474183	592
SC-12	412177	609
SC-24	493173	609
SC-48	494175	609
SL RACK	56391	597
SM1228	461146	591
SM2512	86078	591
E		
Eclipse		
500-024	498399	1590
Edsyn		
1036	24269	1672
1036-3	25006	1672
951SX	80005	1671
971	54400	1672
AN122	33749	1675
AS196	36234	1677
CL1080	99764	1678
DS017	74627	1677
FXF14	24487	1661
LS197	23020	1677
LS363	61413	1677
LT336BC	48157	1685
LT375	73378	1685
LT376	21771	1685
LT380	52031	1685
LT427	60164	1688
LT428	98557	1688
LT435	46950	1688
LT511	45701	1688
LT534	70880	1688
RS199	48199	1678
SD300	45712	1677
SRT12	86592	1677
SS350	34985	1677
ZD13	44452	1687
ZD14	82845	1687
ZD500DX-3	22375	1672
Elk River, Inc.		
13400	461171	1636
17126	78144	1638
17143	19568	1638
17150	463359	1639
17236	417343	1639
17352	91358	1638
17353	24272	1639
19200	49743	1639
21225	36529	1636
21403	495390	1636
26794	45996	1636
27123	80316	1637
27126	13848	1637
27236	77420	1637
29741	66264	1636
34025	456312	1636
34050	24564	1636
34406	496380	1636
35326	426040	1637
35346	460193	1637
35416	417261	1638
35426	462099	1638
35446	497147	1638
35476	495140	1638
35626	489301	1637
36806	431165	1638
42109	470131	1634
42309	474174	1634
42359	435375	1634
48103	421123	1634
48303	455126	1635
55102	34556	1633
55104	20093	1633
56202	95630	1633
56204	17595	1633
56402	94381	1633
56404	15097	1633
66611	66722	1634
66612	66723	1634
66613	66725	1634
75501	34590	1633
75502	72983	1633
75503	21376	1633
75504	59769	1633
76301	91883	1634
76302	78669	1634
76303	27062	1634
76304	65455	1634
88031	10190	1640
EMR Corp.		
02515/C	54964	275
02615/C	93357	281
02616/C	41750	281
02616/D	15284	282
1630	73500	1432
1640	33858	1432
1650	45823	1432
2304-1/A	80143	70
24104-1/P-5	16372	319
24104-1/P-5(03)	468333	319
24108-1/P-5	33532	320
25104-1/P-5	71925	321
25104-1/P-5(03)	446356	321
25108-1/DP-5	32283	322
25108-1/P-5	97104	322
25108-1/P-5(03)	463302	322
25522	34781	306
25542	73174	307
2604-1/A	28536	70
26104-1/P-5CH	57462	325
26108-1/P-5C	19069	324
26108-1/P-5CH	44248	325
26522	98353	313
26542	85139	314
6052/CGK-E	39053	333
6052/CHS-E	25839	333
6052/CKS-E	431095	333
6454/SBC	69228	267
6454/SNC	86913	270
64544/SNC	10652	285
64610/SBC	48520	267
64610/SNC	72450	269
6467/SBC	36555	267
6467/SNC	34057	269
65452/7	17621	309
6554/SBC	20843	274
6554/SNC	19594	275
65544/SNC	458396	292
65546/SNC	57263	292
65552/7	90135	309
65610/SBC	97629	274
6567/SBC	59236	274
6567/SBC-2	452197	274
6567/SNC	44773	275
66452/7C	61209	316
6654/SBC1	95131	277
6654/SBD1	78170	280
6654/SNC1	29061	278
6654/SND1	13349	280
66546/SNC	44049	296
66552/7C	99602	315
66610/SBC3	91384	277
66610/SNC3	93882	279
6667/SBC3	81917	277
6667/SBD3	64956	280
6667/SNC3	92633	279
6667/SND3	51742	280
74524	93683	331
74524A/H	89936	331
75524	25115	330
75524A/H	63508	330
76524	11901	330
76524A/H	88687	330
8440/34	13675	330
8450/34	12426	330
8450/35	37605	330
8540/34	62784	331
8550/34	11177	331
8550/35	36356	331
8560/00H	51790	331
8640/34	23142	331
8650/34	99928	331
8650/35	86714	331
95104-1/P-5	69427	339
95108-1/DP-5	29785	337
95108-1/P-5	94606	338
96104-1/P-5C	81392	338
96104-1/P-5CH	16571	337
96108-1/P-5CH	68178	337
FM6350/S	90859	33
FM6350/Z	65680	33
FM63522/HF	63182	30
FM6354/SB-2	12824	26
FM6354/SN	89610	26
FM6367/SB-2	51217	26
FM6367/SN	38003	26
FM63810/SBHF	76396	26
FM63A12/SBH-3	24789	26
FM6550/S	39252	33
FM6550/Z	14073	33
FM6650/S	77645	33
FM6650/Z	52466	33
FM7340/4	66929	33
FM7350/4HF	15322	33
FM7350/5AHF	53715	33
FM8350/34H	92108	33
FM8350/45AHF	27287	33
FM8350/45HF	78894	33

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Mfg. Part Number	SKU	Page
M87350/45H	40501	330
IS Wireless		
R65-17-00DP	45886	167
R65-17-02DP	84279	167
R90-11-00NA-2	25178	125
R90-16-00DP	59100	165
R90-16-02DP	97493	165
S65-12-00DAL2	416128	126
S65-12-00NAL2	416113	126
V105-12-00DA-2	18209	93
V105-12-00NA-2	69816	93
V65-17-00DP	19458	167
V65-17-02DP	57851	167
V70-12 SERIES	96596	93
V90-11-00DA-2	92497	91
V90-11-00NA-2	43388	91
V90-12-00DA-2	66069	93
V90-12-00NA-2	27676	93
V90-12-05DA-2	86208	93
V90-16-00DP	72314	166
V90-16-02DP	20707	166
TG-C00-10	54955	488
TG-C00-30	23929	488
TG-C10-10	61073	488
TG-C10-30	99466	488
TG-C15-10	47859	488
TG-C15-30	86252	488
TG-D10-10	53626	476
TG-D10-30	73038	476
TG-D15-20	21431	476
TG-D15-30	59824	476
TG-S02-10	98217	480
R65-18-00DP	96244	171
R65-18-02DP	44637	171
R90-17-00DP	18010	171
R90-17-02DP	22481	171
R90-17-02DPL2	457022	181
V65-18-00DP	83030	175
V65-18-02DP	31423	175
V65-18-04DP	11558	175
V90-17-00DP	30699	171
V90-17-02DP	33921	171
V90-17-04DP	37698	171
M		
A	81477	1596
A	461152	1596
OP 00SAV	68263	1596
OP 2ASA	94691	1596
OP5ASA	28621	1597
OP5SA	80228	1597
OP7SA	29870	1597
o Products, Inc.		
7040410PG	456039	508
46A06	68863	565
58	68877	573
BA14112-001	68543	563
BA14206GG	424060	563
BA14212-002	68555	563
BA14212-003	68642	563
BA14212GG	435062	563
BA14215-005	68652	563
BA14215-006	68673	563
BA14412-007	68708	563
BA14412-008	68712	563
BA14412-009	68729	563
BA14412-010T	68734	563
BA14412-011	68746	563
BA14412-012	68757	563
BA14420-014T	68778	563
BA14420-015	68780	563
BA14420-016	68801	563
BA14420-017	68802	563
BA14424-019	68819	563
BA14424-020	68837	563
BA14424-021T	68846	563
BC14212-004	68643	563
BC14414-013	68776	563
	68886	573
GBA14420-018	68810	563
x/Superior Cable		
001-34	92234	649
001-34	92744	649
24CBOD-5	412110	650
J-2P24CBQC-5	420176	650
Eupen		
WSTK	39764	1562
Eupen Cable USA		
1740	55232	375
5092-CS	73410	371
5128-CS	21803	375
5228-CS	60196	379
5438-CS	46982	382
7/16F50A-1/2	62813	411
7/16F50A-3/8	30280	409
7/16F50A-7/8	53635	416
7/16F50B-1/2X	86561	406
7/16F50V-1/2	90888	411
7/16F50V-114	38032	420
7/16F50V-158	11604	422
7/16F50V-7/8	64460	416
7/16M50A-1/2	28456	411
7/16M50A-3/8	81887	409
7/16M50A-7/8	54993	416
7/16M50B-1/2X	48168	406
7/16M50B-114	28565	419
7/16M50V-1/2	52495	411
7/16M50V-114	89639	420
7/16M50V-158	63211	422
7/16M50V-7/8	26067	416
744RTV	80607	1711
7454	460088	423
7455	462059	423
7534	491065	423
A-501	418029	423
ADNF50-7/16F	31473	430
ADNF50-7/16M	96294	431
ADNM50-7/16F	83080	430
ADNM50-7/16M	69866	431
EC1-50	16342	373
EC12-50	54578	382
EC4-50	94526	375
EC4-50-HF	56133	371
EC5-50	42919	379
EC6-50	39221	380
EC7-50	68098	382
EIA 1 5/8 A 1 5/8	91159	422
EIA 7/8 A 1 1/4"	65980	419
EIA 7/8 A 7/8"	27587	416
NF50A-1/2	66849	411
NF50A-1/4	56708	408
NF50A-158	13993	422
NF50A-3/8	43494	409
NF50A-7/8	40421	416
NF50B-1/2X	99775	406
NF50B-114	51868	419
NF50V-1/2	14102	411
NF50V-114	51246	420
NF50V-158	24818	422
NF50V-7/8	77674	416
NM50A-1/4	25809	408
NM50A-158	66958	422
NM50A-3/8	95101	409
NM50A-7/8	92028	416
NM50B-1/2X	61382	406
NM50B-114	80172	419
NM50V-1/2	53744	411
NM50V-114	12853	420
NM50V-158	76425	422
NM50V-7/8	39281	416
SG 5228	44862	1558
SG 5328	41593	1558
SG 5438	28379	1558
SG 6326	54626	1558
W0375	15093	374
W1250PIN-SM	11392	425
W1250PIN-SP	36571	425
W1625-PIN	62999	425
WNM0500RSE	91583	411
WSPTC50AV1/2	440099	1556
WSPTC50AV7/8	67829	1556
WSPTC50B1/2X	23434	1556
Eveready Batteries		
CHM4AAWB	19270	1765
CHM4FC	59083	1765
E91BP-2	47868	1765
E91BP-4	68949	1765
E92BP-4	94128	1765
EN22	39097	1765
EN91	59838	1765
EN91	85017	1765
EN92	46624	1765
EN92	98231	1765
EN93	90704	1765
EN93BP-2	73047	1765
EN95	33410	1765
EN95BP-2	21440	1765
N150BP-2 2200 MAH	60288	1765
N22BP 150 MAH	99930	1765
NH12BP-2 650 MAH	73502	1765
NH135BP-2 2200 MA	21895	1765
NH15BP-2 1200 MAH	86716	1765
F		
FCI Electrical/ Burndy		
BCT500	79016	1547
GAR3902TC	91506	572
GAR3903TC	26685	572
GAR3904TC	65078	572
KA25	63384	570
KA25	76598	570
KA4C	62906	570
KA4C	82263	570
KC23	26677	573
KC23B1	91379	570
P8A	26727	1710
PEN A-13-4	25478	1710
PEN A-4	78334	1710
PEN A-QT	51906	1710
PEN A13-8	50657	1710
PEN A13-QT	37443	1710
PEN E-4	87801	1710
PEN E-8	49408	1710
PENETROX	90299	1709
TMH-267	60123	572
TMH-289	51864	572
U1105	66812	1547
U26RT	89732	1547
U3CRT	64553	1547
U4CRT	26160	1547
U997	63304	1547
W25VT	62055	1547
W26VT	10448	1547
W27VT	48841	1547
W28VT	87234	1547
W29VT	35627	1547
W3CRT	75269	1547
W3CVT	23662	1547
Y1MR	459299	1546
Y500CT	37505	1547
Y750	92230	1547
Y750-2	40623	1547
Y8MRB-1	60082	1546
YA25-2TC38	35428	569
YA25L-2TC38	87035	569
YA26-2TC38	22214	569
YA26L-2TC38	73821	569
YA28-2NTC38	79251	569
YA28-2TC14E2	79234	569
YA28-2TC38	99000	569
YA28L-2TC38	60607	569
YA2C-2L	37033	569
YA2C-2TC38	55631	569
YA2C-2TC38	61132	569
YA2C-2TC38	63901	569
YA2C2L	35953	569
YA2CL-2TC14	14855	569
YA2CL-2TC14	77115	569
YA2CL-2TC14E1	65424	569
YA2CL-2TC14E2	22739	569
YA2CL-2TC38	10143	569
YA2CL-2TC38	25508	569
YA2CL2BOX	12548	567
YA2CL2BOX	50941	567
YA2CL4BOX	11299	567
YA2CL4BOX	49692	567
YA3C-2TC14E2	32477	569
YA3C-2TC38	38722	569
YA3C-2TC38	49167	569
YA4C-2TC14	52914	569
YA4C-L4-BOX	25144	567
YA4CL-2TC38	10774	569
YA4CL-2TC38	90329	569
YA6C	77369	567
YA6C	77894	567
YA6C-2TC14	78427	569
YA6C-2TC14E2	26757	569
YA6C-2TC14E2	95054	569
YA6C-2TC38	42198	569
YA6C-2TC38	51936	569
YA6CL-2TC14E1	65150	569
YA6CL-2TC14E1	81840	569
YA6CL-2TC14E2	18268	569
YA6CL-2TC14E2	78364	569
YA6CL-2TC38	13543	569
YA6CL-2TC38	93805	569
YA6CLBOX	39501	567
YA8C-2TC14	92357	568
YA8C-2TC38	79143	569
YA8CL-2TC10	67178	568
YA8CL-2TC38	40750	569
YAV10-2TC14	18069	568
YAV10-2TC38	28785	568
YAV28L2TC38FX	47393	569
YAZV2C-2TC14-FX	441127	569
YC1L12	59358	570
YC25L12	462121	570
YC25L12	97751	570
YC26L12	46144	570
YC27L12	84537	570
YC2C4	73474	571
YC2L12	20965	570
YC4L12	72572	570
YC6L12	34179	570
YCHC2TC2	65098	570
YCHC2TC2	76894	570
YG14B2TC2C2C	60554	566
YG14B2TC2C6C	60527	566
YGHC26C2	66545	571
YGHC26C26	14938	571
YGHC2C2	28152	571
YGHP58C2W2	484158	571
YGHP58C2W2TN	66327	571
YR2C2WT	53248	571
Flambeau		
120B	15678	1665
120Y	80499	1665
18090-2	69989	1652
19060-2	15865	1652
22060	53009	1665
22500-2	22129	1652
22500-3	94808	1652
2275-2	41044	1665
2277-2	79437	1665
240B	54071	1665
240R	93251	1665
240Y	28892	1665
24A	76939	1664
27800-2	27643	1651
38000	44662	1653
480B	92464	1665
480R	30928	1665
480Y	91402	1665
5126CL	54380	1664
5127CL	15987	1664
5128CL	67594	1664
5129CL	29201	1664
5130CL	95271	1664
5204CL	42415	1664
60B	67285	1665
60Y	42106	1665
724-2	93900	1665
748-2	42293	1665
999-2	77847	1665
C20P	68534	1664
C26P	16927	1664
K824	71219	1664
T201	45380	1664
T219	29342	1664
T6004	65497	1665
T616R	20674	1664
T618	43542	1664
T824	56756	1664
U30P	55320	1664
U45P	93713	1664
Fluke		
110	433006	1492

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Manufacturer / Mfg. Part Number Index

Mfg. Part Number	SKU	Page
111	431004	1492
112	461095	1493
123/003	46487	1484
175	481097	1494
177	490034	1494
179	423085	1495
187	450033	1497
189	431080	1497
189/FVF	426364	1497
192/003	41363	1484
196/003	41378	1484
196C/003	444189	1484
199/003	41410	1484
199C/003	467180	1484
334	467131	1501
336	422186	1502
337	414173	1503
43B/003	489205	1466
45	57340	1503
7-600	24013	1491
73 III	63461	1494
77 III	84893	1495
787	69410	1499
80I-400	65558	1506
80K-6	28414	1505
80KJ-9	412135	1505
80T-150U	66807	1505
80TK	53593	1505
83-3	99263	1496
85RF	78772	1506
867BE	47538	1498
87-3	72835	1497
AC20	59917	1506
AC70A	81114	1506
AC85A	77523	1506
AC89	25916	1507
C10	97736	1509
C100	64309	1508
C12A	61316	1508
C190	41414	1484
C195	41412	1484
C25	51095	1508
C40	89488	1509
C50	37881	1508
C70Y	76274	1509
C75	78133	1509
C81G	88396	1509
C90	24667	1508
FLK123/003S	15660	1484
FOM	35978	1458
FOS 850	61157	1458
FOS 850/1300	47943	1458
H3	494185	1508
I1010	12620	1506
I410	24314	1506
LPAK 80-4	33204	1508
MT-8200-31E	443379	1450
MT-8200-45E	488343	1450
MT-8200-48-E	414391	1448
MT-8202-04E	476392	1450
MT-8203-14E	474397	1450
MT-8203-15E	412360	1450
MT-8203-16E	411386	1450
MT-8203-17E	465341	1450
SCC120E	84029	1484
SCC190-EFG	59197	1484
TL20	11453	1507
TL24	49846	1508
TL26	88239	1507
TL28	36632	1508
TL40	472137	1507
TL71	416151	1508
TL75	75025	1508
TP20	23418	1507
TP80	10204	1507
TPAK 80-4	71597	1508
VR101S	41733	1466

Fluke Networks

Mfg. Part Number	SKU	Page
IT-HCASE	488145	1444
ITS2-RPT	438178	1444
ITS2100	431178	1444
ITS2100XDSLP	466162	1444
ITS2PRO	480184	1444
ITS2PRO-I	451174	1444
620	84315	1451
633/635-KIT	478192	1436
635	418111	1436
660-ITO-K	446317	1442
660E-PACK	446348	1442
660M-DDS	426393	1442
660M-EI	447309	1442
660M-S	446300	1442
660M-TI	417304	1442
660T	435352	1442
660T-PACK	416371	1442
660TE	470337	1442
660TE-PACK	460335	1442
8002-16	410358	1458
8002-17	415380	1458
8240-04	459226	1458
990-CASE	413325	1448
990DSL	480373	1448
990DSLWT	466317	1448
990TL-B	433314	1448
990TL-N	429368	1448
990TL-S	418312	1448
990TL-SB	413333	1448
BATT-AA-NIMH	484169	1444
DSP-2000	481151	1451
DSP-4000 120	422172	1451
DSP-4300 120	494191	1451
DSP-LIA011S	494127	1451
DSP-LIA012S	458131	1451
DSP-LIA013	442083	1451
FLUKE-140	494144	1451
FT120	462162	1459
FT140	462071	1459
FT300	425027	1457
FTA-410S	413174	1451
FTA-420S	448002	1451
FTA-430S	448192	1451
FTA-440S	443120	1452
FTK100	496140	1459
FTK200	434145	1459
LINKRUNNER KIT	491307	1444
LINKRUNNER	492318	1444
LS1310/1550	474117	1459
MT-8200-22	459206	1450
N6201	19315	1451
N660/RA	425107	1445
NF360	421141	1457
NF362	489104	1457
NF430	463101	1457
NT	472167	1444
NT-AC-ADAPT	471135	1444
NT-BATT-CHG	476139	1444
NT-HOLSTER	496171	1444
NT-IL	494147	1444
OMNIFIBER MM	427327	1451
OMNIFIBER SM	415338	1451
OMNISCANNER 2	426370	1451
WAVERUNNER	442352	1444

Fortress Technologies

Mfg. Part Number	SKU	Page
AF1100	411342	674
AF6500	447341	674

funphonefriend.com

Mfg. Part Number	SKU	Page
A-01	425345719, 726, 736, 750, 754, 763, 768, 772, 785, 794, 799, 804, 808, 811, 844, 870, 892, 896, 904, 910, 922, 1002, 1012, 1019, 1027, 1037, 1052, 1061, 1068, 1072, 1077, 1081, 1083, 1088, 1091, 1094, 1110, 1120	
A-05	417318719, 726, 736, 750, 754, 763, 768, 772, 785, 790, 794, 799, 804, 808, 811, 844, 870, 892, 896, 904, 910, 922, 1002, 1012, 1019, 1027, 1037, 1052, 1061, 1068, 1072, 1077, 1081, 1083, 1088, 1091, 1094, 1110, 1120	
A-09	491340720, 726, 736, 750, 754, 763, 768, 772, 786, 790, 795, 800, 804, 808, 811, 844, 870, 892, 896, 904, 910, 922, 1002, 1012, 1019, 1027, 1053, 1061, 1068, 1072, 1077, 1081, 1084, 1088, 1091, 1094, 1111, 1120	
A-10	486359720, 726, 736, 750, 754, 763, 768, 772, 786, 790, 794, 800, 804, 808, 811, 844, 870, 892, 896, 904, 910, 922, 1002, 1012, 1019, 1027, 1037, 1053, 1061, 1068, 1072, 1077, 1081, 1084, 1088, 1091, 1094, 1111, 1120	
A-15	481374720, 726, 736, 750, 754, 763, 768, 772, 786, 790, 794, 800, 804, 808, 811, 844, 870, 892, 896, 904, 910, 922, 1002, 1012, 1019, 1027, 1037, 1053, 1061, 1068, 1072, 1077, 1081, 1083, 1088, 1091, 1094, 1110, 1120	
A-16	468391757, 835, 838, 841, 885, 915, 930, 965, 1081, 1098, 1115, 1117	
A-17	472388719, 726, 736, 750, 754, 763, 768, 794, 800, 804, 808, 811, 870, 896, 904, 910, 922, 1002, 1037, 1053, 1061, 1068, 1072	
A-19	454305719, 726, 736, 750, 754, 763, 768, 772, 785, 790, 794, 799, 804, 808, 811, 844, 870, 892, 896, 904, 910, 922, 1002, 1012, 1019, 1027, 1037, 1053, 1061, 1068, 1072, 1077, 1081, 1083, 1088, 1091, 1094, 1110, 1120	
A-20	499325720, 726, 736, 750, 754, 763, 768, 772, 786, 790, 795, 800, 804, 809, 811, 844, 870, 892, 896, 904, 910, 922, 1002, 1012, 1019, 1027, 1037, 1053, 1061, 1069, 1072, 1077, 1081, 1084, 1088, 1091, 1094, 1111, 1120	
A-21	490397720, 726, 736, 750, 754, 763, 768, 772, 786, 790, 795, 800, 804, 808, 811, 844, 870, 892, 896, 904, 910, 922, 1002, 1012, 1019, 1027, 1037, 1053, 1061, 1068, 1072, 1077, 1081, 1084, 1088, 1091, 1094, 1111, 1120	
A-22	440370719, 726, 736, 750, 754, 763, 768, 772, 785, 790, 794, 799, 804, 808, 811, 844, 870, 892, 896, 904, 910, 922, 1002, 1012, 1019, 1027, 1037, 1053, 1061, 1068, 1072, 1077, 1081, 1083, 1088, 1091, 1094, 1110, 1120	
A-24	482389720, 726, 736, 750, 754, 763, 768, 772, 786, 790, 794, 800, 804, 808, 811, 844, 870, 892, 896, 904, 910, 922, 1002, 1012, 1019, 1027, 1037, 1053, 1061, 1068, 1072, 1077, 1081, 1083, 1088, 1091, 1094, 1110, 1120	
A-25	427352757, 813, 835, 838, 841, 885, 915, 930, 965, 1037, 1098, 1115, 1117	
A-27	474325720, 726, 736, 750, 754, 763, 768, 772, 786, 790, 794, 800, 804, 808, 811, 813, 844, 870, 892, 896, 904, 910, 922, 1002, 1012, 1019, 1027, 1037, 1053, 1061, 1068, 1072, 1077, 1081, 1083, 1088, 1091, 1094, 1110, 1120	
A-3	441386719, 726, 736, 750, 754, 763, 768, 785, 790, 794, 799, 804, 808, 811, 870, 896, 904, 910, 922, 1002, 1037, 1053, 1061, 1068, 1072, 1081, 1120	
A-4	498359757, 813, 835, 839, 841, 885, 915, 930, 965, 1098, 1115, 1117	
A-7	488341720, 726, 736, 750, 754, 763, 768, 772, 786, 790, 795, 800, 804, 808, 811, 844, 870, 892, 896, 904, 910, 922, 1002, 1012, 1019, 1027, 1037, 1053, 1061, 1068, 1072, 1077, 1081, 1084, 1088, 1091, 1094, 1111, 1120	

G

Gabriel Electronics Inc.

Mfg. Part Number	SKU	Page
DDFPS.5-2357	38128	212
DFPD1-52	47180	195
DFPD1-52(MI)	83799	202
DFPD2-23	20227	2
DFPD2-52	22708	1
DFPS.5-23	50927	2
DFPS.5-52	33966	2
DFPS1-23	98262	2
DFPS1-23(MI)	85048	2
HQF2-52	451192	2
HQF4-52	425142	2
HQF6-52	417139	2
HQF8-52	468197	2
HQFD2-52	437319	2
HQFD4-52	494351	2
HQFD6-52	473334	2
HQFD8-52	485314	2
M4S-1SE	97538	2
M6C-1SE	19009	2
QF2-52	472169	1
QF4-52	495153	1
QF6-52	464122	1
QF8-52	462190	2
QFD2-52A	442362	2
QFD4-52A	470396	1
SSG3-23A	37880	1
SSG4-23A	67828	1
SSG6-23A	77355	1
SSP1-2357	52591	2
SSP2-2357	77770	2
SSP2-23A	94016	1
SSP4-2357	64556	2
SSP4-23B	13783	1
SSP6-2357	51342	2
SSP6-23A	94014	1

Gai-Tronics

Mfg. Part Number	SKU	Page
230	437330	12
231	477384	12
CB190	470395	12
CB191	484362	12
FK200	467399	12
FK300	479397	12
FK400	471389	12
ICP9004A	433164	12
ICP9008A	472181	12
ICP9012A	453123	12
ICPN9004A	451348	12
ICPN9008A	492367	12
ICPN9012A	433307	12
IDA1000A	66351	12
IDR1000A	15667	12
ILD1000A	52811	12
IPE2500A	90950	12
IPE2500A-MLS	80559	12
ITA2000A	95675	12
ITD2000A	414066	12
ITD3000A	411084	12
ITP2000A	412011	12
ITP3000A	478073	12
ITR1000A	88706	12
ITR2000A	22636	12
PP1901	479386	12
PS15VDC	419396	12
SPK100	482378	12
XAAB001A	10581	12
XAAB001A-TL	69565	12
XAC0001A	76144	12
XAC0004A	52358	12
XAC0006A	27179	12
XAC0011A	93973	12
XAC1000A	452176	12
XCC003A	457191	12
XCP0010A	459175	12
XCP0020A	474165	12
XCP0030A	426192	12
XCP0040A	412125	12
XCP0050A	418177	12
XCP0060A	497197	12
XCP0070A	461173	12
XCP0080A	462198	12
XCP0100A	488188	12
XCP0110A	474182	12
XCP0120A	464153	12
XCP0140A	411163	12
XCP0150A	484145	12
XCP0160A	475120	12
XCP0170A	439130	12
XDM002A	69540	12

NEW = New Listing. Pricing for reference o
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Mfg. Part Number	SKU	Page
KFS002A	69585	1211
KGM002A	69542	1211
KGM003A	423195	1207
KHS002A	69595	1211
KHS003A	443147	1207
KLD0001A	90751	1206
KTA0001A-G3	69518	1205
KTA0002A-K9	17911	1205

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' DS-POLE	91608	1368
110-0352	441366	1371
S-100	443166	1368
S-100-PLATE	459393	1368
S-102	472329	1368
S-104	425362	1368
S-52	32758	1368
S-55(BASE ONLY)	66459	1368
S-57	31666	1368
S-610(BASE ONLY)	91638	1368
S-CLEVIS	52567	1368
S-LIFT	453369	1368
S-POLE	71212	1368
CS-7X4	90109	1370
CS-BRKT	52730	1370
CS-CCV-3L	99695	1370
CS-CCV-3S	61779	1370
CS-UNIV-3L	482047	1370
CS-UNIV-3S	479143	1370
CS200L	456188	1370
CS200LEG	414159	1370
CS200S	449179	1370
CSEPIC13CCVL	493042	1369
CSEPIC13CCVS	427068	1369
CSEPIC13EXPL	432044	1369
CSEPIC13EXPS	451090	1369
CSEPIC13F97L	452011	1369
CSEPIC13F97S	493023	1369
CSEPIC13FPBOX	438092	1370
CSEPIC13IMPL	419062	1369
CSEPIC13IMPS	421064	1369
CSEPIC13TAHL	490010	1369
CSEPIC13TAHS	499016	1369
CSEPIC13UNIL	430067	1369
CSEPIC13UNIS	482069	1369
CSEPIC17CCVL	442066	1370
CSEPIC17CCVS	424031	1370
CSEPIC17EXPL	413036	1370
CSEPIC17EXPS	450070	1370
CSEPIC17F97L	422027	1370
CSEPIC17F97S	468042	1370
CSEPIC17FPBOX	431000	1370
CSEPIC17IMPL	456062	1370
CSEPIC17IMPS	456017	1370
CSEPIC17TAHL	495031	1370
CSEPIC17TAHS	465013	1370
CSEPIC17UNIL	415033	1370
CSEPIC17UNIS	420084	1370
-CELL3	20651	1369
-CF07	422391	1370
-CF07-2	429319	1371
-CF07-L	455373	1370
-CF07-W	452321	1370
-CF28	462316	1371
-CF28-C	410385	1371
-CF34-BOX	414373	1371
-DELL-24-M	490186	1370
-LHDCLIP3	20734	1369
-LIFTMOUNT	471332	1369
-LITE-28	459326	1369
-LITE3	20655	1369
-MDWD	489388	1370
-MDWD-KITC	479383	1370
NP-MDWD-KITM	441321	1370
NP-MHDCLIP3	20720	1369
NP-MIC3	20658	1369
NP-NOTEPAD3-L	20634	1369
NP-NOTEPAD3-M	20632	1369
NP-NOTEPAD3-S	20627	1369
NP-NOTEPAD4	455320	1369
NP-PDRC-IND3	483359	1371
NP-PDRC-PED3	473307	1371
NP-SCREEN-28	411392	1371
NP-SCREEN3	20681	1369
NP-UPR-24-L	20623	1370
NP-UPR-24-M	20620	1370
QADJ-UPPER-L	85024	1368
QADJ-UPPER-M	11594	1368
QADJ-UPPER-M5	71246	1368
QUAD-MOTION TS3	31402	1368
SM-202	53538	1366
SM-203	65597	1366
SM-204	91931	1366
SM-212	40324	1366
SM-402	65402	1366
SM-403	75576	1366
SM-404	95255	1366
SM-405	86491	1366
SS-100	34803	1364
SS-100M	60350	1364
SS-101	21589	1364
SS-103	73196	1364
SS-106	98375	1365

Garmin Int'l

010-00147-00	463133	1627
010-00210-00	427181	1627
010-10082-00	43615	1627
010-10084-00	85611	1625
010-10085-00	69916	1627
010-10111-00	14122	1627
010-10117-01	34004	1627
010-10117-01	479186	1163
010-10141-00	82296	1627
010-10142-00	55868	1627
010-10164-00	82821	1625
010-10165-00	30689	1627
010-10179-01	447188	1627
010-10195-00	93430	1627
010-10202-00	65232	1625
010-10203-00	479131	1627
010-10206-00	430132	1627
010-10215-00	42654	1625
010-10226-00	62435	1626
010-10226-01	449145	1627
010-10226-02	410128	1627
010-10226-03	449167	1627
010-10231-01	414105	1627
010-10235-00	468140	1627
010-10255-00	468315	1627
010-10262-00	433158	1627
010-10274-00	444132	1627
010-10277-00	479038	1627
010-10300-00	485338	1627
010-10305-00	411196	1627
010-10306-00	464146	1627
010-10308-00	436148	1627
010-10308-01	468128	1627
010-10309-00	495340	1627
010-10314-00	453181	1625
010-10323-00	487189	1163
010-10325-00	490119	1163
010-10326-00	493120	1163
010-10326-01	462145	1163
010-10326-02	497134	1163
010-10332-00	475175	1627
010-10344-00	497158	1163
010-10345-00	421128	1163
010-10346-00	488123	1163
010-10347-00	489169	1163
010-10350-00	494132	1163
010-10351-00	442117	1163
010-10359-00	437362	1627
010-10367-00	449397	1627
010-10368-00	462362	1627
010-10372-00	499372	1627
010-10373-00	478354	1627
EMAP DELUXE	61595	1625
ETREX LEGEND	442135	1625
ETREX SUMMIT	418063	1625
ETREX VISTA	433111	1625
ETREX	410010	1625
GPS 12	60432	1625
GPS 12XL	13004	1625
GPS 16-LVS	438326	1626
GPS 17N	424363	1626
GPS II PLUS	69607	1625
GPS III PLUS	91039	1625
GPS V DELUXE	466366	1628
GPSMAP 176	425034	1626
GPSMAP 176C	473072	1626
GPSMAP 76	491123	1626
GPSMAP 76S	435334	1626
RINO 110	447144	1163
RINO 120	477149	1163
STREET PILOT	96759	1626
STREETPILOT III	488365	1626

GC/Waldom

10-150	42195	1706
10-251	36264	1612
10-8101	68424	1710
11-284-C	12177	1750
11-292-C	50570	1750
11-308-C	88963	1750
11-312-C	37356	1750
12-007	50904	1564
12-043	14150	1608
12-047	76083	1594
12-064	46234	1608
12-1080	24142	1736
12-1082	62535	1736
12-164	10928	1553
12-2270	85431	1607
12-292	18265	1570
12-4614	66729	1607
12-650	24476	1606
12-653	49655	1606
12-6912	84627	1609
12-8042	20214	1689
18-530	27364	1568
19-115	23052	1705
19-117	68189	1705
19-764	60573	1707
19-766	59324	1707
19-768	97717	1707
19-8475	36184	1698
20-8002	88438	1692
20-8004	50045	1692
22-209 (6 PK)	88515	1703
22-209	86465	1703
22-682	27889	1677
30-3152	56137	1734
30-3152	67485	1734
30-3153	16551	1734
30-9451	88169	1457
33-079-BU	47453	1732
35-064	20493	1732
35-090	15767	1733
35-092	54160	1733
35-094	92553	1733
35-112-BU	83967	1733
35-132	68748	1733
35-152	91366	1733
35-178-BU	70753	1733
36-902	66236	1734
5050	65046	1568
5097	24021	1568
64-631	15079	1663
7977	17897	1597
7979	56290	1597
7994	94683	1596
7995	43076	1596
8304	68255	479
8305	44156	479
8308	82486	479
8312	44093	479
8318	95954	479
8802	55041	487
8803	86446	488
9075	49200	1677
9160	78971	483
9236	60139	479
9474	15399	1677
EL-615	45580	1706
N4-040	95542	1211

GNA Battery

HNN9044A	77371	1176

Grayson Electronics

PR911XB	16563	703

Greenlee Tools

06186	40660	1600
06259	27446	1600
2460	478007	1653
29045	20802	1600
34401	16149	1518
34403	54542	1518
35742	59195	1600
45300	27571	1750
45306	79178	1749
666	471079	1653
687	424271	1664
906	57371	1663
911	97013	1663
K05-1GL/02624	67750	1548
K05-1SPGL/02625	16143	1548
K09-2GL/02628	54536	1548
K09-2SPGL/02629	92929	1548

Grobet

13380	42466	1611
13381	80859	1611
13382	29252	1611
16.060	51882	1612
16.099	13489	1612
16.310	24402	1612
16.350	76009	1612
29.371	35582	1631
36.860	96265	1516
39.267	21119	1563
47.802	48608	1611
54.095	14537	1666
57.209	23617	1596
57.241	62010	1597
57.635	22368	1597
57.750	78249	1596
57.836	64228	1597
57.842	89407	1596
MASCOT 14CM	33026	1566

GS Metals

2003	76891	535
2003	77979	535
2004	73151	535
2004	86365	535
5812PO 10 HD	49481	533
5812SO 10 HD	61272	533
ACLPH5451224	65243	507
ACLPH5451824	65230	507
ACLPH5901224	65177	507
ACLPH5901824	65209	507
ACLPHT901224	65173	507
ACLPHT901824	65144	507
ACLPIV4512244	413016	507
ACLPIV4518244	437037	507
ACLPIV9012244	480072	508
ACLPIV9018244	462036	508
ACLFOV4512244	448021	508
ACLFOV4518244	493143	508
ACLFOV9012244	421014	508
ACLFOV9018244	427114	508
ACLFOV9024244	417011	508
ACLFSROO24124	431021	507
ACLFSSOS060012	453190	507
ACLFSSOS120012	10864	507
ACLFSSOS180012	10865	507
ALLS-IV901224-4	496088	508
ALLS-IV901824-4	474120	508
ALLS-OV451824-4	430130	508
ALLS-OV901224-4	435055	508
ALLS-OV901824-4	488057	508
ALLS-OV902424-4	457094	508
ALLSHE4512244	474084	507
ALLSHE4518244	462010	507
ALLSHE9012244	439009	507
ALLSHE9018244	441094	507
ALLSHT9012244	476051	507
ALLSHT9018244	497051	507
ALLSIV4512244	457139	507

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Manufacturer / Mfg. Part Number Index

Mfg. Part Number	SKU	Page
ALLSIV4518244	426159	507
ALLSOV4512124	450155	508
ALLSSS090600412	493157	507
ALLSSS09120412	437110	507
ALLSSS091800412	413087	507
G-7901	52004	537
G-7903	66152	537
PSCLIP	10867	507

H

H.K Porter

Mfg. Part Number	SKU	Page
0090FC	469334	1579
0190FC	474313	1579
0290FC	479359	1579
0690C	416375	1624
0690TN	456397	1579
0890CSJ	44736	1578
PWC-9	70952	1579

Haltof Product Design Inc.

Mfg. Part Number	SKU	Page
12100	21622	1390
12110	60015	1390

Harger

Mfg. Part Number	SKU	Page
#2-19G	20100	574
#4	43411	574
#6	95018	574
#6-7G	77168	574
1210CUAT	472046	577
1224CUAT	457380	577
1224CUAT	490321	577
2	76002	574
2-7	41912	574
2-7G	59847	574
2-7T	80305	574
28-250	52665	576
29-250	70921	576
2T	25476	574
301	78417	573
301LD	68590	573
305	44388	573
32-250	15521	576
327-250	27486	576
335	26810	574
360PBG	23057	574
360PBS	43771	574
362PS12CILS80	486018	574
4200-S5	49509	565
5250-A5	12247	565
5263-A8	32083	565
5824ALAT	453381	577
6-7	11119	574
AUBU12I	426334	577
BE141.52B	443066	584
BE141.52SB	475024	584
BS2/0B	458085	582
BS2B	415077	582
BS2SB	486014	582
BS4/0B	444084	582
CCBRSH1	458083	589
CGARR-BKT-12	28381	558
CGKBB1-1/4-5	451133	458
CGKBB1-5/8-5	416102	458
CGKBB1/2-5	456164	457
CGKBB2-1/4-5	426102	458
CGKBB3/8-5	487122	457
CGKBB5/8-5	494188	457
CGKBB7/8-5	443140	457
CPC.5/.75	416310	572
CPC1.5/2	451339	572
CPC1/1.25	472348	572
CPC2.5/3	448309	572
CPC3.5/4	418307	572
CPRB 1.5/2AT12	457091	577
CPRB 2.5/3AT12	452080	577
CPRB 3.5/4AT12	491089	577
CSH1	435064	588
CSKIT	438198	588
CSKIT	450321	588
CUBU12I	433388	577
CUFS1516	435022	575
CUFS2016	411067	575
CUFS2032	464353	575
CUFS6016	419095	575
DISKKIT1	476368	589
EGR10L2T	87793	576
EGR10LWG2T	493021	576
EGR10WG2T	499022	576
EGR202T	48587	576
EGR20LWG2T	434031	576
EGR20WG2T	454070	576
EPK12	419366	559
EPK16	425335	559
FGC2	66695	572
G11341/0	411002	580
G11342	497009	579
G11342/0	490015	580
G11348	453010	579
G11348	458037	579
G11548	493028	579
G11581/0	433082	580
G11582	442002	579
G11582/0	449016	580
G21341/0	419097	580
G21342	444002	580
G21344	426012	580
G21581/0	452007	580
G21582	498008	580
G21584	463058	580
G31342	487055	581
G31582	471068	581
G31584	485339	581
GAW910	448000	574
GB14123.25TEL1	13266	562
GB14412SMT	62229	562
GB316423.25NEX	26999	565
GBI14112E	26869	562
GBI14112N	89170	565
GBI14212CHW	89737	562
GBI14212E	65118	562
GBI14212G	479087	562
GBI14212P	442007	562
GBI14212TES	99901	562
GBI14212Z	471355	564
GBI14215TES	43950	562
GBI14215TMR	85875	562
GBI14215TMR1/4	82480	562
GBI1426G	469045	562
GBI1426P	412042	562
GBI1426Z	447382	564
GBI14412A	56985	562
GBI14412B	86233	562
GBI14412C	67087	564
GBI14412J	486058	564
GBI14412M	483056	564
GBI14412N	74018	565
GBI14412PCSIGB	96070	562
GBI14412TES	95444	562
GBI14416M	457038	564
GBI14416RCS	23080	562
GBI14420-WS	97671	564
GBI14420C	39939	564
GBI14420J	412070	564
GBI14420M	436034	564
GBI14420N	53564	565
GBI14420SKY	90726	564
GBI14424-CIGBE	67436	562
GBI14424C	91252	564
GBI14424J	440002	564
GBI14424M	493066	564
GBI1446J	489077	564
GBI1448RCS	27368	562
GBIA14212Z	488034	564
GBIA1426Z	445073	564
GBIA14412M	485033	564
GBIA14416M	435051	564
GBIA14420M	436060	564
GBIT14412A-2T	26725	563
GBIT14412C-2L	45492	563
GBIT14412J-2T	451071	564
GBIT14417TSP	440010	563
GBIT1446J-2T	494056	564
GD-342/0B	486051	578
GD-342B	496086	578
GD-582/0B	417015	578
GD-582B	482020	578
GD-582SB	463023	578
GECL2-1/4	79704	567
GECL6	43935	567
GECLB2-2C	44893	569
GECLB6	82328	570
GECLB62B	70230	569
GECLB62C	20418	569
GJX2/024	32082	572
GJX2S24	18868	573
GJX4/024	70475	572
GO-582/0B	425014	578
GO-582/0B	479014	578
GO-582B	431031	578
GO-582SB	482041	578
GO-583/0B	449004	578
GO-584/0B	410009	578
GP2424-2T	73415	574
GRD341	466372	575
GRD58	420337	575
HAAJC8	493316	1710
HCAJC8	437324	1710
HD2/0B	443091	583
HD21.52A	439030	585
HD2A	413067	583
HD2S1.52A	445043	585
HD2SA	445084	583
HD4/0B	434070	583
HSC100	23186	573
HSC150	61579	573
I14424PCSMGB	70891	562
LAB40A0GKUSFW	434314	559
MH-1	450061	588
MSHC1	464376	588
MSKIT	415385	588
PT22B	477032	582
PT2S2B	423024	582
PT2S2SB	428053	582
PT4/02SB	477345	582
PT4/04/0B	456361	582
R4150-A4	48094	565
RGBHKIT14119.25	471336	542
RGBHKIT14123.25	430300	542
RGBHKIT14135.25	452353	542
RGBVKIT145836A	487372	542
RGBVKIT145872A	442170	542
RT2/02/0B	447060	586
RT2/02B	436076	586
RT22B	476062	586
RT2S2SB	454065	586
RT4/04/0B	467059	586
SSAAKIT	447392	565
SSC25/875	424341	634
TGBI14412TES	455090	562
TGBI14420-HIG	24260	562
TGBI14420C	81891	564
TGBI14424CIGBE	72209	562
TOOLKIT	464094	589
TRCHD	460048	589
ULTRAFILL	78114	575
ULTRAMH1KIT	492038	588
VA2/0B	436077	584
VA2/0V2X4B	453069	585
VA2B	451073	584
VA2SB	459067	584
VA2SV1.5X4B	469063	585
VA2V1.5X4B	479067	585
VA4/0B	447046	584
VA4/0V2X4B	487060	585
VD2SB	441089	583
WBKT-1	82877	565
WBKT-1KIT	67297	565
XO2S2SB	416068	587
XX-2/02/0B	430144	586
XX2S2SB	434053	586

Harris Corporation

Mfg. Part Number	SKU	Page
10055-000	15332	1619
10056-000	34139	1620
10113-000	85749	1455
10176-000	84497	1620
10178-600	66645	1620
10210-100	58957	1455
10220-100	43770	1455
10230-100	30556	1455
10410-100	482031	1455
10565-000	86878	1620
10665-000	15445	1620
10979-004	52349	1620
11232-101	57699	1554
11232-241	58039	1555
11232-247	58047	1555
11232-248	58117	1555
11281-581	59455	1549
26000-000	66649	1459
26100-000	66674	1459
26200-000	66661	1459
26300-000	66682	1459
26500-500	80479	1410
26501-160	463326	1410
44600-000	91524	1620
D914-501	66623	1619
IS30	60356	1620
P3080-009	489001	1459
P3218-441	423063	1459
POUCH	85535	1620
TS1200	482158	1449
TS17 DELUXE	49640	1459
TS17-005	37675	1459
TS19-003	431003	1459
TS19-009	29943	1459
TS22-001	14789	1459
TS22-007	59140	1459
TS22-009	92759	1459
TS22A-001	46306	1459
TS22A-007	28694	1459
TS22A-009	98253	1459
TS22AL-001	73639	1459
TS22AL-009	66616	1459
TS22ALO	486062	1459
TS22LO	484080	1459
TS30-009	68000	1459
TS45	417072	1459

Harrison Electronics

Mfg. Part Number	SKU	Page
AC-7805	75342	122
AC-7810	35700	122
AC-LPA8	50163	122
AL-220	485177	122
HE-402M	481016	122
HE-402M-MAX	495043	122
SW7844FM	25687	122
SW7846SS	480148	122
SW7848FM	64080	122
SW7850VFM	12473	122
VF4-45F11	36949	122

Helper Instruments

Mfg. Part Number	SKU	Page
12.003.10	95407	142
12.003.2	29337	142
12.003.4	18621	142
12.003.6	67730	142
12.003.8	77197	142
CCL1	19870	145
LM106	82193	145
MB800	17372	141
MB800A	55765	141
MBACC2	42551	142
RF801	41302	143
RFTE	66481	143
S101	40053	147
SL105	13625	147

Hirschmann

Mfg. Part Number	SKU	Page
823122-016	415351	13
823122-018	415314	13
823641-003	433304	13
823641-005	442322	13
823684-003	440307	13
823684-005	421329	13
823685-003	442392	13
823685-005	470377	13
823808-003	487315	13
823808-005	411363	13
823915-005	469342	13
824501-005	493301	13
825986-012	492305	13
927310-901	431341	13
927311-901	464083	13
927317-901	497024	13
927335-901	494345	13
927902-016	24904	13
927903-145	52810	13
927913-966	473068	13
927913-999	27920	13
GPS1890PA SMB	458316	13
GPS1890PA	464319	13
GPS5M SMA	481314	13
GPS5M SMB	472322	13

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Mfg. Part Number	SKU	Page
GPS5P SMB	486367	1310
GPS5S SMB	456304	1310
GPS5S SMB	487319	1310
GPS916 5V FLEX	434370	1310
GPS918 5V FLEX	484366	1310
MCA 3127	35959	1335
MCA 3129	22745	1335
ber + Suhner		
I 716-50-9-9	92246	406
I N-50-23-10	28746	417
I N-50-9-9	61310	406
17165023-10/003E	52604	417
308.17.0005	81530	249
319.19.0003	16709	257
319.26.0001	56050	254
399.17.0018	433179	248
I N-50-12-10	86994	410
I N-50-9-9/003-E	53853	406
171650-9-9/003-E	40707	407
17165023-10/003E	40709	417
IN-50-23-10/003E	67139	417
IBNC-N-50-1	468039	432
IN-7/16-50-1	64606	430
2 BNC-N-50-1	436001	432
2N-7/16-50-1N	51392	431
3 716NQ504/133UE	487074	434
3 BNCNQ504/133NE	445032	434
3 NQ50-0-1413-NE	467039	434
3 NQ5004/133NE	470010	434
3 SMAQ5004/1-9NE	474087	435
3 TNCNQ504/133NE	449063	435
-7/16-N-50-1	38178	430
BNC-N-50-1	70697	432
N-7/16-50-1	89785	431
N-BNC-50-1/133	469026	432
00.00.0173	44411	548
00.17.00235	44525	548
00.17.0024	16510	548
00.17.00241	56761	548
00.17.0058	54903	548
00.17.0097	90273	548
00.41.0018	82857	548
00.41.0108	95548	548
01.00.0008	17895	548
01.17A	80082	548
01.17C	28475	548
01.17K	66868	548
02.17A	77855	548
02.17C	26248	548
02.17K	64641	548
02.41.0002	40830	548
716-5001/003	23425	430
N-50-0-4	78045	433
Z 0-0-448	480012	548
Z 0-0-47	19605	548
Z 0-0-49	57998	548
Z 0-0-50	96391	549
Z 0-0-51	44784	549
Z 0-0-54	69963	549
Z 0-12-15	93963	1561
Z-0-0-193	13055	1560
Z-0-0-21	14682	1560
041IN11IN1.5M	473122	1414
041IN217163.0	470189	1414
041IN2IN1.5M	419179	1414
041IN2IN3.0	479173	1414
041IN2ISMA1.5M	485190	1414
041IN4716N4427	487316	1414
04P11IN217161.5	433397	1414
Industries		
991	76447	1750
026	55142	1704
428	89983	1554
433	438318	1546
496	30158	1551
503	480347	1548
556	417323	1548
569	410306	1548
570	461324	1548
573	421310	1548
596	72177	1552
010	467117	1600

Mfg. Part Number	SKU	Page
31-020	28820	1600
31-033	28714	1600
31-147	15606	1601
33-652	43222	1548
34-001	92392	1718
35-041	94890	1606
35-042	81676	1606
35-053	479367	1579
35-120	61979	1580
35-413	11948	1615
35-418	96107	1540
36-248	30069	1609
45-074	45749	1578
45-092	51590	1554
45-120	439355	1553
45-121	42123	1553
45-124	39625	1553
45-125	63647	1553
45-144	24205	1553
45-227	63360	1554
45-264	41928	1554
45-416	436399	1553
45-417	448333	1553
45-418	498352	1553
45-423	439387	1553
45-777	38376	1554
61-038	90381	1696
61-051	37612	1466
83-001	491341	1546
LB1748	10991	1554
IFR, Incorporated		
1002-0600-500	60586	1478
120BOPT1	99296	1478
120BOPT12	12691	1478
120C-3-110	472324	1477
120C-3T-110	490383	1477
120C-8-110	410395	1477
120C-8T-110	490309	1477
120COPT20	499383	1478
120OPT11	66919	1478
120OPT13	15312	1478
120OPT14	53705	1478
120OPT15	92098	1478
120OPT16	27277	1478
120OPT17	26859	1478
120OPT21	44510	1478
120OPT7	16561	1478
120OPT9	64298	1478
1412-8700-530	499353	1478
2398	425066	1407
2398-4	425042	1407
6041-8769-200	50023	1478
AC 0604	422338	1478
AC 1061	485398	1478
AC0601	472398	1478
AC0601	99939	1478
AC1022	89477	1478
AC1023	42672	1478
AC1109U	444313	1478
AC1109W	449329	1478
AC1201	19223	1478
AC2202	93069	1477
AC4105	486042	1478
AC8645	57616	1478
AC9925	52946	1478
W120C/203	441190	1477
W120C/204	438171	1477
W120C/205	499191	1477
Inmetco		
CONT3	96321	1148
CONT4	44714	1148
LITHIONBOX	82373	1148
Innovative Circuit Tech.		
BASEKEN1	61486	603
BASEKEN2	30240	603
BASEKEN3	71384	603
BASEKEN4	480002	603
BASEKEN5	74222	603
BASEKEN6	490189	603
BASEMOT1	68633	603
BASEMOT2	17026	603
BASEMOT4	42205	603
BASEMOT7	94391	603
BASEMOT8	481135	603

Mfg. Part Number	SKU	Page
BASEMOT9	480147	603
ICT-RMK1	423371	610
ICT1201210A	85598	599
ICT1201210AG	33991	599
ICT1201210AX	72384	599
ICT1201211A	20777	599
ICT1201211AG	59170	599
ICT1201211AX	45956	599
ICT1201212A	32742	599
ICT1201212AG	71135	599
ICT1201212AX	19528	600
ICT1201212BC	38399	610
ICT1201215A	57921	600
ICT1201215AX	483114	600
ICT1201220A	44707	600
ICT1201220AX	476184	600
ICT1201220BC	419071	610
ICT1201230A	31493	600
ICT1201230AM	18024	600
ICT1201230AX	451169	600
ICT1201230BC	477053	610
ICT120124A	23275	604
ICT120126A	61668	604
ICT120128AX	35240	599
ICT121212A	441096	1221
ICT12128A	441066	1221
ICT1224-5AIW	488100	596
ICT206012AIW	78041	596
ICT22012-100N	411158	591
ICT22012-140N	477352	591
ICT2401240A	480023	600
ICT241210A	14007	1220
ICT241215A	52400	1220
ICT241220A	39186	1220
ICT241240A	25972	1220
ICT24125A	27221	1220
ICT481210A	63116	1220
ICT481220A	11509	1220
PCM12ADL	18978	1715
PCM25ADL	65305	1715
SPM12ADL	13220	1715
SPM25ADL	446073	1715
Instek America		
GDS-830	416196	1483
GOS-310	55694	1481
GOS-622G	447061	1481
GPC-3030D	452145	605
GPS-1850	60882	605
GPS-1850D	64108	605
LF-210E	485124	1485
iTECH		
BA1002	27665	1192
BA1007	39630	1192
BA1016	10704	1192
BA1018	49097	1193
BA1022	18922	1193
BA1039	98206	1192
BA1048	24422	1192
BA1055	72663	1193
BA1061	66833	1192
BA1081	19536	1192
BA1086	31700	1192
BA1098	69983	1193
BA1105	53001	1193
BA1116	59211	1192
BA1120	62071	1193
BA1122	61565	1192
BA1137	52410	1192
BA1142	67458	1192
BA1153	53871	1192
BA1155	11977	1193
BA1165	69520	1193
BA1179	90086	1192
BA1180	442142	1193
BA1182	21747	1192
BA1183	13898	1193
BA1185	42509	1193
BA1191	455041	1193
BA1193	493018	1193
BA1194	455001	1192
BA1195	488075	1193
BA1198	498176	1192
BA1199	437337	1192
BA1202	481387	1192

Mfg. Part Number	SKU	Page
BA2013	44101	1192
BA2016	18376	1192
BA2030	63406	1192
BA2104	454188	1192
BA2105	456169	1193
BA3072	94004	1192
BA4007	72000	1193
BA4011	86691	1193
BA4014	19372	1193
BA4015	57765	1193
BA4018	497174	1193
BA4513	14174	1192
BA4520	439071	1192
BA4521	12644	1192
BA4532	424141	1193
BA4534	412089	1192
BA4536	446012	1192
BA4537	465083	1193
BA4541	452057	1192
BA4543	487098	1192
BA4544	441103	1192
BA4556	499308	1192
BA6002	70779	1193
BA6003	29413	1192
BA6006	413144	1193
BA6504	474106	1192
BA6507	438301	1193
BA6508	424008	1192
BA6525	435309	1193
BA6556	435331	1192
BA7507	410366	1193
BA7525	444341	1193
BC3501QC	455079	1191
BC3501QW	430093	1191
BC3503QC	487036	1191
BC3503QW	482039	1191
BC3506QP-5	444095	1191
BC3506QPW-5	422056	1191
BC3603QC	469067	1191
BC3603QW	428079	1191
BCIQPAC	458082	1191
BCIQPACL	485018	1191
BCIQPACLW	435048	1191
BCIQPACW	428055	1191
PA1022	485322	1194
PA1055	465190	1193
PA1081	499183	1193
PA1116	497166	1193
PA1133	444171	1194
PA1137	432178	1193
PA1153	493144	1193
PA1155	436179	1194
PA4007	413196	1194
PA4011	449090	1193
PA4014	437093	1193
PA4015	442089	1194
PA4016	488194	1193
PA4018	471028	1194
PA4521	471198	1193
PA4534	485189	1193
PA4543	417006	1193
PA4544	469151	1193
PA4545	463175	1194
PA6501	486069	1194
PA6502	480099	1194
PA6503	428083	1193
PA6504	482060	1193
PA6505	491081	1193
PA6506	479080	1193
PA6507	499345	1194
J		
Jabra Corporation		
100-91000000-02	465329	1141
100-91030000-02	435389721, 724, 727, 729, 732, 737, 787, 791, 796, 801, 806, 814, 818, 821, 825, 836, 839, 842, 845, 872, 876, 878, 882, 887, 893, 897, 901, 906, 912, 917, 923, 928, 934, 937, 941, 944, 947, 950, 954, 959, 962, 967, 1107, 1115, 1117, 1120, 1122, 1141	
100-91430000-02	477309	1090, 1141
EB2.5MM302	481060733, 737, 818, 825, 882, 887, 898, 941, 955, 1142	

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Manufacturer / Mfg. Part Number Index

Mfg. Part Number	SKU	Page
EBNOK51/61/710302	467078	1040, 1055, 1064, 1142
EBNOK8860302	415073	1085, 1095, 1142
EM2.5MM302	413032	732, 737, 818, 825, 882, 887, 1142
EMNEXTELI1000302	434327	1143
EMNEXTELI50302	472382	937, 941, 944, 950, 954, 959, 962, 1142
EMNOK51/61/710300	429096	1040, 1055, 1063, 1142
EMNOK8860302	460032	1085, 1095, 1142
EMWINDER2.5MM302	453106	1142
EMWINDERNOK51302	495157	1004, 1041, 1055, 1064, 1142
EMWINDERNOK88302	458103	1015, 1022, 1029, 1079, 1085, 1096, 1099, 1142
ES2.5MM302	65303	732, 737, 818, 825, 882, 887, 897, 1142
ESNOK51/61/71302	35018	1040, 1055, 1063, 1142
ESNOK8860302	59796	1015, 1022, 1029, 1079, 1085, 1095, 1142
EW2.5MM402	411070	733, 737, 818, 825, 882, 887, 898, 1142
EWNEXTELI50302	492364	937, 941, 945, 950, 955, 959, 962, 1142
EWNOK51/61/710302	493336	1142
EWNOK8860302	441326	1142
JSC7005-0	73521	1142

Pro Batteries

Mfg. Part Number	SKU	Page
2132C	28360	1765
2132F	82416	1765
2133A	82426	1765
2133B	85079	1765
2133C	85089	1765
2LA-NC	30103	1766
JB-2931	28485	1180
JB-2932	66878	1180
JB-4013	92057	1176
JB-KNB15	53664	1182
JB-MGP5B	88789	1179
JB0140	38431	1185
JB0600	83793	1183
JB1255	13252	1186
JB1270	51645	1186
JB3278	73633	1180
JB4327C	16999	1177
JB4463	44676	1175
JB4584	56641	1175
JB4595	98781	1177
JB4824	57890	1176
JB4974	43317	1765
JB5414	85567	1175
JB5447	45925	1176
JB5451	47174	1177
JB5453	18248	1175
JB5521	96283	1177
JB5531	78073	1177
JB5860	32711	1176
JB639G2(P)	12003	1179
JB639G3(P)	25217	1179
JB70B16	34684	1184
JB7144	18326	1176
JB7394	27147	1178
JB7434	83069	1175
JB8148	12395	1177
JB8614	73249	965
JB8923	72874	1178
JB8923HC	472092	1178
JB9008	72844	1176
JB9012	72853	1176
JB9027	71104	1177
JB9044	19497	1176
JB9049NIMH	72940	1177
JB9360	15271	1175
JB9360NIMH	72948	1175
JB9628	31462	1175
JB9628NIMH	72933	1175
JBBP196	73105	1181
JBBPX-8N	57343	1184
JBBPX-8NHC	88480	1184
JBFNBV47	73158	1187
JBFNBV57	73183	1187
JBKNB12	97573	1182
JBKNB12NIMH	72965	1182
JBKNB15NIMH	72966	1182
JBKNB17	71972	1182
JBKNB3	44151	1182
JBKNB4	62257	1182
JBP-11	76824	1185
JBP/4	26466	1183
JBP/4(P)	27951	1185
JBP5NJ	56116	1184
JBP6NJ	42902	1184
JBP7NJ	81295	1184
TP-C100	418376	1765

Jensen Tools

Mfg. Part Number	SKU	Page
402-497	99919	1552
80-522	61526	1552
865-905	450194	1565

JFW Industries Inc.

Mfg. Part Number	SKU	Page
50F-006N	84694	1433
50HF-006-N	486138	1434
50HF-010-N	54320	1434
50HF-020-N	469154	1434

Jonard Industries Corp

Mfg. Part Number	SKU	Page
BW-2224	469395	1613
BW-24005	488372	1613
BW-2600	492354	1613
BW-26005	463339	1613
BW-532	437312	1622
CS-1022	472352	1623
GD-10	451318	1616
GD-200	436312	1616
GD-25	460326	1616
GD-3	497338	1616
JIC-056	455360	1621
JIC-2060	446325	1623
JIC-21257	492343	1621
JIC-2257M	474388	1622
JIC-287	430349	1623
JIC-2878	450330	1623
JIC-4366	474371	1623
JIC-4473	460332	1621
JIC-683	435377	1570
JIC-7858	464367	1578
JIC-891	491339	1621
K-234	491316	1621
KA-260	431397	1607
KR-260	469314	1607
M-120	497330	1624
M-125	489376	1624
M-130/IX	463375	1624
M-216C/EX	477359	1621
OB-1/12	477390	1621
OB-2/12	421320	1621
PB-3R	485360	1623
PB-7	469365	1623
R-5926	444344	1607
S-339	434398	1623
S-340	430353	1607
SW-2224	486392	1613
SW-2426	489312	1613
SW-24265	459319	1613
TK-AT5	467354	1623
TK-WW5	467382	1614
UDLR-2026	490338	1614
UDLR-2432	453363	1614
WDUD-2000	463310	1614
WDUD-2224	467336	1614
WDUD-2600	438376	1614
WDUD-26DS	413369	1613
WDUD-3000	435361	1614
WG-350	437365	1612
WG-350INS	466361	1612
WG-350L	472349	1612

K

K-D Tools

Mfg. Part Number	SKU	Page
126	21604	1616
202	25725	1611
203	38939	1611
206	12511	1610
2106	72612	1564
2106-75	97440	1564
2162	81469	1551
2281	12346	1606
2391	92518	1615
2425	34219	1565
2522	70175	1600
2593	50739	1606
2840	95005	1606
2951	15300	1604
31-500C	37525	1564
3121	91523	1611
3150	83389	1580
3367	53654	1611
45 707	42866	1579
45 708	81259	1579
45 710	14802	1580

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Mfg. Part Number	SKU	Page
EMC-3	29463	1165
HMC-3	42677	1165
KBH-8	17108	1165
KHS-21	425359	1165
KHS-22	458388	1165
KHS-7A	27776	1165
KHS-8BL	78134	1165
KLH-113	434337	1165
KLH-83	69858	1165
KLH-84	420349	1165
KMB-14	18309	1165
KMC-17	38492	1165
KMC-21	12064	1165
KNB-14	77410	1164
KNB-15A	64196	1164
KNB-27N	419345	1164
KRA-15M	471131	1164
KRA-16M	91873	1164
KRA-17M	78659	1164
KSC-15	24554	1165
KSC-28	487334	1165
SMC-34	81070	1165
TK-2100V1	485088	1164
TK-2100V9	467091	1164
TK-3100U1	422067	1164
TK-3100U9	433076	1164
TK-3101K2	491093	1164
TK-3130	428153	1164
TK-3131	460142	1164
UBC-4	83506	1165
UBZ-LH14BK	47308	1163
UBZ-LH14YK	47316	1163
UPB-2	44250	1164
USC-5B	51235	1165

Kester Solder

Mfg. Part Number	SKU	Page
24-6040-0027	10077	1675
24-6040-0039	27552	1675
24-6040-0053	10755	1675
24-6040-0061	35256	1675
24-6337-0010	74852	1675
24-6337-0027	48470	1675
24-6337-8800	85443	1676
24-6337-8807	48299	1676
82-6000-6535	75904	1675
82-604	77153	1675
82617	70781	1675
82619	95960	1675
83-0000-0144	64594	1702
83-0000-0144	83737	1702
83-4000	86863	1675
83-4000-4010	80608	1675
83-7145-0415	61186	1676
84-0000-1429	21148	1703
FORMULA #186	34935	1702
FORMULA #186	76757	1702

Klein Tools, Inc.

Mfg. Part Number	SKU	Page
1005	66543	1548
1006	79630	1548
1008	431374	1624
1011	29577	1554
10210	478056	1580
11046	72115	1554
11047	65472	1554
2100-7	53181	1570
21214	499396	1584
21218	461361	1584
21224	450393	1584
3212	496389	1585
3213	483390	1585
3238	413384	1585
3239	461177	1584
32473	25504	1611
44100	22602	1566
44200	470369	1566
46037	13539	1566
5104	19197	1640
5190	472371	1540
53001	96896	1510
53002	75862	1510
5777	447359	1540
59001	50683	1510
59003	37469	1510
60009	34971	1640
60051	86578	1630
6016	465383	1590
6024	418344	1590
6033	415353	1590
6034	486375	1590
6036	440393	1590
63016	485395	1620
63020	480376	1620
63055	39967	1570
631	496356	1590
66385	51932	1610
68005	63897	1620
70035	480014	1610
701-10	45289	1540
72192	471379	1620
87044	466388	1630
87080	446361	1630
87081	488391	1630
87082	413392	1630
87090	496334	1630
87091	497373	1630
87092	465372	1630
87409	443324	1630
87410	460375	1630
87416	449357	1630
87430	496396	1630
87431	499330	1630
87432	493367	1630
87435	424329	1630
87436	446363	1630
87437	456364	1630
87473	435347	1630
87475	456383	1630
930-9	20110	1640
931-9RE	453388	1640
D2000-48	473399	1550
D2000-9NE	438379	1550
D2000-9ST	450339	1550
D203-6C	436385	1550
D203-6H2	451372	1550
D228-8	65125	1550
D234-6C	13518	1640
D248-9ST	494371	1550
D2526SW	436363	1640
D275-5	60995	1550
D333-8	14788	1550
J2000-9NE	472396	1550
J203-8	451336	1550
J2139NE	475388	1550
J228-8	426354	1550
J502-10	459384	1550
VO5	38718	1550

Kyocera Service Parts

Mfg. Part Number	SKU	Page
TMSRP00369	448344	1818, 1822
TMSRP0053	493351	1809, 1811, 1813, 1821
TMSRP0081	410390	18

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Mfg. Part Number	SKU	Page
1813, 1822		
MSRP0082	459357	1817
MSRP0083	437336	1818
MSRP0084	412381	1817
MSRP0085	452380	1818
MSRP0086	490379	1816
MSRP0087	472357	1817
MSRP0089	420384	1817
MSRP008A	448198	1816
MSRP008B	473355	1807,
1809, 1810, 1812, 1817, 1821		
MSRP008C	453357	1816
MSRP008D	494358	1807,
1809, 1811, 1812, 1817, 1821		
MSRP008E	436380	1818
MSRP008F	476332	1817
MSRP008G	461386	1817
MSRP008H	459391	1817
MSRP008J	414372	1817
MSRP008M	434378	1817
MSRP008N	429362	1817
MSRP008P	448388	1817
MSRP008R	492335	1817
MSRP008T	449385	1817
MSRP008V	446378	1817
MSRP008W	439398	1817
MSRP008Y	478366	1817
MSRP00913	477376	1801
MSRP0244	484384	1806,
1823		
MSRP0302	458343	1806,
1819, 1823		
MSRP0303	483384	1805,
1819, 1823		
MSRP0304	472379	1805,
1818, 1822		
MSRP0305	425383	1806,
1819, 1823		
MSRP0306	411375	1805,
1818, 1822		
MSRP0307	443391	1805,
1819, 1823		
MSRP0308	423394	1806,
1819, 1823		
MSRP0309	420371	1805,
1818, 1822		
MSRP0310	433341	1806,
1819, 1823		
MSRP0311	468386	1806,
1819, 1823		
MSRP0312	476384	1806,
1819, 1823		
MSRP0313	455378	1823
MSRP0315	426379	1823
MSRP0316	483371	1823
MSRP0317	475313	1823
MSRP0319	491336	1819
MSRP0320	414377	1819
MSRP0321	443399	1819
MSRP0323	460352	1819
MSRP0325	466305	1819
MSRP0326	445372	1823
MSRP0330	447397	1823
MSRP0331	434372	1819
MSRP0332	483364	1806,
1820, 1824		
MSRP0333	495371	1806,
1820, 1824		
MSRP0334	410331	1806,
1819, 1824		
MSRP0335	439335	1806,
1820, 1824		
MSRP0336	497316	1819
MSRP0337	427386	1805,
1818, 1822		
MSRP0338	461340	1805,
1818, 1822		
MSRP0339	485335	1805,
1818, 1822		
MSRP0340	495395	1805,
1818, 1822		
MSRP0341	460312	1805,
1818, 1822		
MSRP0343	445385	1805,
1818, 1822		
MSRP0345	413391	1806,
1820, 1824		
TMSRP0346	448373	1806,
1820, 1824		
TMSRP0347	414324	1806,
1820, 1824		
TMSRP0349	445334	1819
TMSRP0350	476330	1805
TMSRP0351	444304	1805
TMSRP0352	460303	1805
TMSRP0353	490373	1805
TMSRP0354	446327	1805
TMSRP0355	465334	1805
TMSRP0356	493388	1805
TMSRP0357	491318	1805
TMSRP0358	490311	1805
TMSRP0359	467320	1805
TMSRP0360	427347	1805
TMSRP0361	468349	1805
TMSRP0362	477351	1806,
1820, 1824		
TMSRP0363	492321	1806,
1820, 1824		
TMSRP0364	461353	1806,
1820, 1824		
TMSRP0365	413372	1806,
1820, 1824		
TMSRP0370	469372	1801
TMSRP0371	499395	1806,
1819, 1823		
TMSRP0372	442398	1806,
1819, 1823		
TMSRP0375	464326	1806,
1819, 1823		
TMSRP0376	466324	1805,
1819, 1823		
TMSRP0378	499373	1806,
1819, 1823		
TMSRP0812	432341	1817
TMSRP0816	478352	1816
TMSRP0817	449377	1816
TMSRP0818	471397	1816
TMSRP0819	493386	1804
TMSRP0820	431343	1817
TMSRP0821	495303	1817
TMSRP0822	491377	1817
TMSRP0823	497361	1808,
1809, 1811, 1813, 1815, 1817, 1821		
TMSRP0824	478353	1808,
1809, 1811, 1813, 1818, 1822		
TMSRP0825	468379	1808,
1809, 1811, 1813, 1815, 1818, 1821		
TMSRP0826	422374	1817
TMSRP0827	461319	1804,
1808, 1809, 1811, 1813, 1818, 1821		
TMSRP0901	499336	1801
TMSRP0902	451344	1802
TMSRP0905	461392	1801
TMSRP0907	436381	1801
TMSRP0908	471394	1801
TMSRP0909	452328	1801
TMSRP0910	467325	1801
TMSRP0911	428381	1801
TMSRP0912	426380	1801
TMSRP0914	460329	1801
TMSRP0915	410372	1801
TMSRP0916	435396	1802
TMSRP0917	481385	1801
TMSRP0918	463395	1801
TMSRP0919	463323	1802
TMSRP0920	498358	1802
TMSRP0921	433330	1802
TMSRP0922	492373	1802
TMSRP0923	462375	1802
TMSRP0924	426335	1802
TMSRP0925	444398	1802
TMSRP0926	474323	1802
TMSRP0927	464373	1802
TMSRP0928	420397	1802
TMSRP0929	411382	1802
TMSRP0930	486384	1802
TMSRP0931	443354	1802
TMSRP0932	432328	1801
TMSRP0A01	451397	1803
TMSRP0A06	419149	1803
TMSRP0A07	492320	1803
TMSRP0A08	473397	1803
TMSRP0A09	450375	1804
TMSRP0A10	442380	1803
TMSRP0A11	486390	1803
TMSRP0A12	424351	1804
TMSRP0A13	495328	1804
TMSRP0A15	423392	1803
TMSRP0A16	449331	1803
TMSRP0A18	433337	1803
TMSRP0A19	473327	1803
TMSRP0A20	493310	1803
TMSRP0A21	430381	1803
TMSRP0A22	425384	1803
TMSRP0A24	454378	1803
TMSRP0A25	416386	1803
TMSRP0A26	420364	1803
TMSRP0A27	455371	1803
TMSRP0A28	470336	1804
TMSRP0A29	466378	1804,
1815		
TMSRP0A30	426398	1803
TMSRP0A31	450352	1804
TMSRP0A32	410364	1804
TMSRP0A33	462390	1804
TMSRP0A35	414349	1804,
1810, 1813, 1815		
TMSRP0A36	444360	1804,
1810, 1813, 1815		
TMSRP0A37	499340	1804
TMSRP0A38	420395	1804
TMSRP0A39	420348	1804
TMSRP0A40	485381	1804
TMSRP0A41	454368	1804
TMSRP0A42	445399	1804
TMSRP0A43	471358	1803
TMSRP0A44	445382	1804
TMSRP0C01	473362	1811,
1812, 1814, 1821		
TMSRP0C02	433363794,	1814
TMSRP0C03	489342	1814
TMSRP0C04	488397	1815
TMSRP0C05	498367	1815
TMSRP0C07	471387	1814
TMSRP0C09	427369	1814
TMSRP0C10	464360	1815
TMSRP0C13	471327	1814
TMSRP10001	492393	1815
TMSRP10002	492346	1814
TMSRP10004	465373	1815
TMSRP10005	473375	1815
TMSRP10006	426389	1810,
1813, 1815		
TMSRP10007	455392	1810,
1813, 1815		
TMSRP10008	460351	1814
TMSRP10010	499333	1814
TMSRP10011	462347	1814
TMSRP10012	488370	1814
TMSRP10013	420381	1814
TMSRP10016	451395	1807,
1809, 1811, 1812, 1821		
TMSRP10018	415397	1810,
1812, 1820		
TMSRP10019	455370	1810
TMSRP10020	474381	1807,
1809, 1811, 1813, 1821		
TMSRP10021	473382	1811
TMSRP10022	442393	1811
TMSRP10023	430398	1808,
1809, 1811, 1813, 1821		
TMSRP10025	447342	1807,
1809, 1811, 1812, 1821		
TMSRP10029	489378	1812
TMSRP10030	461336	1812
TMSRP10031	427358	1812,
1820		
TMSRP10032	470350	1812
TMSRP10033	487388	1810,
1813		
TMSRP10034	488381	1809,
1812, 1821		
TMSRP10035	453366	1809,
1813, 1822		
TMSRP10036	477336	1812
TMSRP10037	430313	1812,
1821		
TMSRP10038	457320	1812
TMSRP10039	488382	1812
TMSRP10040	472385	1812
TMSRP10041	431373	1812
TMSRP10042	444320	1810
TMSRP10043	485337	1810
TMSRP10044	455340	1810
TMSRP10045	468390	1802
TMSRP10046	468332	1803
TMSRP10047	473322	1801
TMSRP10048	430369	1801
TMSRP10049	445329	1801
TMSRP10050	437396	1801
TMSRP10051	451303	1805
TMSRP10052	496320	1811,
1813		
TMSRP10053	439333	1814
TMSRP10055	497307	1821
TMSRP10056	481388	1821
TMSRP10057	482390	1821
TMSRP10058	443394	1821
TMSRP10059	435398	1821
TMSRP10060	412323	1821
TMSRP10061	492332	1821
TMSRP10062	426353	1822
TMSRP10063	415370	1820
TMSRP10064	448377	1821
TMSRP10065	479378	1820
TMSRP10066	458326	1820
TMSRP10067	482336	1820
TMSRP10068	477363	1820
TMSRP10069	422355	1820
TMSRP10070	456362	1808
TMSRP10071	469374	1807
TMSRP10072	472397	1807,
1808		
TMSRP10073	424398	1807,
1808		
TMSRP10074	421364	1807
TMSRP10075	485388	1808
TMSRP10076	444327	1807,
1809		
TMSRP10077	449379	1807
TMSRP10078	493394	1809
TMSRP10079	475335	1808,
1809		
TMSRP10080	414361	1808,
1809		
TMSRP10081	465344	1807,
1808		
TMSRP10083	468362	1807
TMSRP10084	437354	1807
TMSRP10085	418386	1808
TMSRP10086	493353	1808
TMSRP10087	433351	1808
TMSRP10096	431385	1807
TMSRP10097	451359	1808
TMSRP10098	461387	1808,
1810, 1811, 1813, 1822		
TMSRPOC12	416349794,	1814
TXFPL0082	433373	1816
TXFPL0083	418355	1816
TXFPL0084	444394	1816
TXFPL0087	476343	1816
TXFPL0088	436394	1816
TXFPL0810	496377	1816
TXFPL0811	416318	1816
TXFPL0813	427317	1816
TXFPL0814	410347	1816
TXFPL0815	480375	1816
TXFPL0818	456388	1816
TXFPL0820	410389	1816
TXFPL0822	417307	1816
TXFPL0824	493315	1816
TXFPL0825	493352	1816
TXFPL0830	499362	1816
TXFPL0832	450376	1816
TXFPL0833	494374	1816
TXFPL0834	434382	1816
TXFPL0841	484385	1816
TXFPL0851	482337	1816
TXFPL0861	497353	1816
TXFPL0871	474337	1816
TXFPL0881	429336	1816
TXFPL0C05	430136	1814
TXFPL0C06	453141	1814
TXFPL0C07	433100	1814

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Mfg. Part Number	SKU	Page
TXFPL0C08	489149	1814
TXFPL10020	443184	1814
TXFPL10027	463178	1814
TXHDW0091	448365	1802

L

Leatherman Tool

Mfg. Part Number	SKU	Page
61010101	13089	1563
61010201	51482	1563
61070101	90138	1563
61070201	51745	1563
62010201	64959	1563
64010101	78326	1562
65070301	429001	1563
67010201	55313	1563
68010101	63743	1563
68010201	88922	1563
78105001	480359	1562

Lemco Tool Corp.

Mfg. Part Number	SKU	Page
CPT-BKW	67490	1556
CT-AF12	453377	1555
CT-BK-F12	471321	1555
CT-CF12	496344	1555
CT-CS12	431338	1556
CT-CS158	451363	1556
CT-CS38	474361	1556
CT-CS78	423376	1556
CT-EF12	451375	1555
CT-FH	478382	1555
CT-H	474308	1556
CT-SF12	479385	1555
GT-114	451347	1558
GT-114	455396	1558
GT-158	427345	1558
GT-158	435333	1558
GT-78	435354	1558
GT-78	477343	1558
WPFT-1/2	29097	1556

Leviton Voice & Data

Mfg. Part Number	SKU	Page
41080-1IP	424086	658
41080-1WP	451030	658
41080-2GP	491083	658
41080-2IP	424027	658
41080-2WP	412000	658
41080-3GP	498019	659
41080-3IP	480057	659
41080-3WP	443082	659
41080-4GP	454093	659
41080-4IP	447095	659
41080-4WP	491042	659
41080-6GP	467051	659
41080-6IP	491058	659
41080-6WP	447034	659
41084-BGB	475037	658
41084-BIB	441017	658
41084-BWB	469082	658
41084-FGF	433031	658
41084-FIF	477076	658
41084-FWF	469061	658
41087-2GP	466020	659
41087-2IP	411077	659
41087-2WP	460026	659
41087-QGP	451085	659
41087-QIP	470085	659
41089-2IP	422055	659
41089-2WP	463021	659
41089-4GP	448074	659
41089-4IP	496078	659
41089-6GP	457050	660
41089-6IP	415055	659
41106-RG6	453039	657
41106-RI6	497085	657
41106-RW6	493001	657
41108-RC5	457021	658
41108-RG3	428027	657
41108-RG5	438090	658
41108-RI3	448022	657
41108-RI5	451068	658
41108-RL5	472047	658
41108-RO5	494084	658
41108-RW3	430097	657
41108-RW5	489044	658
41108-RY5	444053	658
41150-019	428044	661
41188-SM1	438071	661
41225-SAP	476035	661
41642-001	467050	659
41642-00W	430069	659
41642-0GY	481090	659
41A10-HCM	424058	660
41AB2-1FT	425032	660
41AB2-3FT	420086	661
41D1R-HCM	426073	661
41DBR-1FT	466046	661
41DBR-3FT	462078	661
41DW1-589	468096	661
42777-11A	440097	660
42777-1WA	448086	660
42777-21A	422081	660
42777-2WA	430080	660
46700-SLG	430091	661
48900-IFR	463099	661
49252-P01	452081	661
49252-P02	431037	661
49252-PCM	420018	661
49253-BCM	426097	662
49253-LPM	461042	662
49255-H24	439068	664
49260-MR3	465066	662
49260-MR6	440041	662
49261-BKT	411030	662
49800-CON	499342	1542
49800-UTK	416041	1542
49882-MST	411042	665
49882-SST	439024	666
49884-DPC	413018	666
49884-MSC	432090	666
49884-SSC	414019	666
49886-CTT	442032	666
49900-SE2	472028	659
49900-SE4	469075	659
59484-U24	418036	664
59484-U48	462055	664
59484-U89	486065	664
5F100-1ST	426000	666
5F100-3ZC	478022	666
5G108-RE5	432035	658
5G108-RI5	446089	658
5G108-RL5	473077	658
5G108-RO5	474032	658
5G455-03L	422095	665
5G455-03Y	410018	665
5G455-07L	420093	665
5G455-10L	453013	665
5G455-10Y	424090	665
5G455-7Y	474024	665
5G584-U24	421023	664
5R330-OAB	437005	665
5R330-OHB	444063	665
5R740-OON	457015	665
5W120-00N	496064	665

LexStar Tech.

Mfg. Part Number	SKU	Page
BP1050	62033	1183
BP1170	22056	1186
BP4W	70844	1185
BP550	17391	1183
CM196	448043	1181
CM7	56381	1181
G4974	80311	1765
G7057	41918	1766
H26205	434093	1185
H36216	75048	1186
H36229	429099	1186
H36247	483088	1187
H36257	433095	1187
H4327B	448072	1177
H4595	23183	1177
H4595R	464199	1177
H5414	96171	1175
H5447	44564	1176
H6965	47113	1766
H7143R	491155	1176
H7144R	416132	1176
H7144XT	453089	1176
H7146	84294	1176
H7147	39555	1176
H7341	469086	1176
H7372	464087	1176
H7394	73355	1178
H7394R	434161	1178
H7395	73383	1178
H8133(IS)	80980	1175
H8148	33374	1177
H8148R	464110	1177
H8251	73269	1177
H8294	85637	1178
H8295	464059	1178
H8297	417025	1178
H8299	478027	1178
H8299XT	428035	1178
H8614	420056	965
H8615	441072	965
H8923	85638	1178
H8923XT	85648	1178
H9008	493052	1175
H9009	494010	1176
H9010	414075	1176
H9012	466065	1175
H9018	73339	1177
H9027	56580	1177
H9044	73255	1177
H9044R	489197	1176
H9049	488049	1177
H9049R	442149	1177
H9360	437053	1175
H9361	427045	1175
H9628	73221	1175
H9628R	452137	1175
H9728	479076	1176
H9998	73162	1176
LX1202NIMH	478096	1179
LX1202NIMH	499007	1179
LX1203NIMH	488009	1179
LX3278NIMH	421019	1180
LX4013	460043	1176
LX4595LI	425095	1177
LX56217NIMH	456086	1182
LX56217NIMH	462016	1182
LX8251	476025	1177
LX9628NIMH	415002	1175
LX9628NIMH	73228	1175
PS-1220	43524	647
R1202	430039	1179
R1203	487079	1178
R1203NIMH	482075	1179
R1204	460052	1179
R1205	489071	1178
R2782	66135	1180
R2931	35508	1180
R2932	36359	1180
R3278	30589	1180
R3278NIMH	489099	1180
R5063	425023	1179
R56212	57989	1182
R56212B	28824	1182
R56212R	476136	1182
R56217B	461086	1182
R5625	73482	1182
R6391	15689	1179
R8507	40868	1179
R8607	79261	1179
R9776-3	444116	1179
R9838	426074	1179
RA109	14440	1185
S522	482091	1656

LG Infocomm

Mfg. Part Number	SKU	Page
ABAC0000301	434395	839
ABAC000101	452335	833
AHEY0001201	429308	833
APEY0003101	442307	1155
APEY0003102	426336	1155
APEY0031501	461305	1155
APEY0043201	448303	1155
APEY0044201	426368	1155
APEY0044202	473352	1155
APEY0044203	463350	1155
APEY0050201	475383	1155
APEY0058801	491362	1155
MCGA0000501	421198	841
MCGY0001501	482161	835
MHIY0000301	467341	841
MHIY0000501	483365832,	1152
SBPL0035401	432175	834
SBPL0035601	426108	83
SBPL0036401	482115	83
SBPL0061901	459388	84
SBPL0062001	470162	84
SBPL0062501	454337	83
SBPL0063601	437313	84
SBPL0063701	461303	84
SBPL0064201	489341	83
SBPL0064301	449350	83
SBPL0065401	465378	83
SBPL0065501	459369	83
SGCC0001701	440164832,	83
835, 838, 841, 844		
SGCD0016803	462188	83
SGCD0019702	482109	84
SGCD0022701	434391	83
SGCD0023201	416384	83
SGCT0000701	458142	83
SGDY0000201	464181	11
SGDY0001801	416110838,	84
846, 1137		
SGDY0001806	462392838,	11
SGDY0004301	462149843,	11
SGEY0000301	451158833,	83
839, 842, 845, 1143		
SGHN0001401	455163	83
SGHN0001601	478158	83
SGHN0003101	440330	84
SGHP0001201	456341	84
SGHP0002501	437179	83
SGHP0002601	462175833,	83
836, 839, 842		
SNMR0001601	440163	83
SNMR0002701	419317	83
SNMR0003701	441153	84
SNMR0005301	499399	83
TBD	469352	11

Lindstrom

Mfg. Part Number	SKU	Page
7290	482319	15
7490	493317	15
7890	422315	15
7891	450370	15
7892	481302	15
7893	422306	15
8140	498338	15
8143	455306	15
8149	418309	15
8150	434306	15
8160	432308	15
8211	434335	15
8247	450315	15
HS 6000	454317	15
MAL 500-1	461307	16
MAL 500-2	474326	16
MAL 500-3	444305	16
PS501-1	452302	16
PS501-2	490343	16
PS501-3	494305	16
TSK505	464303	16

LP Technologies

Mfg. Part Number	SKU	Page
LPT1250	39811	14
LPT1250/HSO/FEX	63513	14
LPT1250/TKG	40511	14
LPT1750	468037	14
LPT1750/HSO/FEX	433049	14
LPT2010A	39632	14
LPT2010P-2.5	442183	14
LPT2250	39704	14
LPT2250/TKGRCV	39751	14
PALM-1250	472026	14
PALM-C	494057	14
REM-2250	471004	14
SCC-1250	488014	14
SCC-1750	437039	14

Lucent Technologies

Mfg. Part Number	SKU	Page
100393156	58745	17

Lufkin

Mfg. Part Number	SKU	Page
1012	42285	15
1325	67464	15
1703	468382	16
1706	476370	16
HV-1048CME	67119	15
HV-15CME	55081	16

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Mfg. Part Number	SKU	Page
HV-30CME	436046	1600
HV1425	16688	1599
HY1312	82758	1599
HY1316	17937	1599
HY1425	68295	1599
on Metal Products		
858	73665	1653
043	57484	1653
631D	81414	1650
663	41772	1651
743	78916	1651
757 (SET OF 4)	52488	1651
789	38614	1651
030	77667	1652
033	26060	1652
3104	64453	1665
3106	12846	1665
3108	51239	1665
3110	89632	1665
3124	58733	1665
3126	97126	1665
3128	45519	1665
3184	83912	1665
3186	32305	1665
3188	70698	1665
3203	35527	1650
3206	73920	1650
2629	43021	1650
2703	66951	1651
2750 SET OF 2	27309	1651
2758 SET OF 2	90881	1651
2788	39274	1651
D2644-1	68200	1651
T 1	83387	1648
T 3	31780	1648
T 4	18566	1648
T 5	56959	1648
T 6	95352	1648
T 8	82138	1648
Lite		
MAGLIGHT	12546	1655
MAGLIGHT	57599	1655
MAGLIGHT	50939	1655
MAGLIGHT	89332	1655
MAGLITE	64153	1655
MAGLITE	84551	1655
AA MAGLITE	25760	1655
1019	13568	1655
or Packaging Products		
-142	60677	1564
ita U.S.A., Inc.		
0706-A	20474	1740
0730-A	72081	1740
0731-A	428359	1740
0742-A	481306	1740
103-2	47759	1517
271-4	16821	1517
9DWE	15681	1514
5DWBLE	67804	1514
6DWE	39510	1514
3DWAE	28171	1515
002-4	15543	1517
007-4	27508	1517
498A	77280	1519
414-1	24577	1519
415-9	92329	1519
419-1	53936	1519
810-A	89767	1520
814-A	97162	1520
032-A	59837	1518
391DW	21801	1515
1822	64064	1517
1100	40136	1740
02	99753	1657
02	24813	1657
hattan CDT/Coleflex		
00-3/4	25462	1737
TER APPLIANCE		
08	433321	1739

Mfg. Part Number	SKU	Page
10012	429382	1740
10351	411356	1738
10600	483358	1741
10719	442371	1741
10724	461352	1741
10725	452383	1741
30202	477387	1739
35017	462354	1739
35216	438392	1741
40060	460368	1738
51309	442389	1738
60-01-52	489368	1669
60P-1	451376	1669
60P-1C	425346	1669
70-01-02	475327	1669
70-01-52	483320	1669
91-01-02	481362	1669
91-01-52	498313	1669
A-160-HG	433345	1738
A-170-HG	489395	1739
A-203-HG	487333	1739
AH-501	457371	1739
AH-751	490362	1739
EI-20K	444374	1669
HG-501A	420346	1738
HG-751B	412391	1738
MT-51	437371	1741
MT-76	448362	1740
MT-76K	442386	1741
PH-1100	481364	1739
PH-1200	479369	1739
PH-1200-1	469333	1739
UT-100SI	413360	1669
UT-35	453314	1669
UT-40SIK	454361	1669
VT-750C	411318	1739
Master Lock		
44-900	31318	1617
Maxrad, Inc		

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Mfg. Part Number	SKU	Page
AGPS26MMBN	86368	1312
AGPS26MMMC	458399	1312
AGPS31MMBN	86376	1312
BG	69195	1359
BGBN	33370	1359
BGC	32051	1358
BGMC	18837	1358
BGMK	54905	1359
BGMML195-NC	79247	1358
BGMPL	57230	1358
BM	33622	1354
BM-NC	32656	1354
BM//-NC30	410033	1354
BM34	78874	1357
BM34-800	20691	1357
BMAT8000	61009	1353
BMATH	17588	1322
BMATM	493305	1356
BMATM-NC	487302	1356
BMATM338	85434	1356
BMATM38	441304	1356
BMATM3MSMA	491082	1356
BMATMC	440314	1356
BMATMFC	472369	1356
BMATMFFME	422349	1356
BMATMFPL	470370	1356
BMATMLP	429361	1356
BMATMNSO	424366	1356
BMATMP	452311	1356
BMAX-9053	62226	1296
BMAX150/450	74191	1305
BMAX150D	22584	1304
BMAX450D	60977	1304
BMAX455	48288	1266
BMAX8033	47763	1337
BMAX8053	54008	1337
BMAX8055	35324	1284

Mfg. Part Number	SKU	Page
BMAX8135	10670	1284
BMAX8155S	76377	1283
BMAX8355	87456	1338
BMAX8375	74242	1338
BMAX8375S	23769	1338
BMAX9155S	21495	1293
BMAXC-24503	77619	1314
BMAXC-24505	24132	1314
BMAXMFT	99044	1242
BMAXS	57967	1318
BMAXSCAN1000	81033	1303
BMBM	91222	1360
BMBMC	46713	1360
BMBMPL	34748	1360
BMBN	78008	1354
BMC	25910	1354
BMC-NC	97477	1355
BMCP	23883	1355
BMEFC-8155-HD	94451	1288
BMEFC-8353HD	29362	1344
BMF	51526	1355
BMFC	420312	1355
BMFFME	31673	1354
BMFLPL	456139	1355
BMFNC	16142	1354
BMFNCP	454389	1355
BMFPL	15369	1355
BMFT120 BLK	94374	1242
BMHB1360	90795	1243
BMHB1440	35798	1243
BMHB1520	81160	1243
BMHB1620	16140	1243
BMHB2200	62701	1256
BMLC	434392	1355
BMLC-NC	57109	1355
BMLN-CP	14216	1355
BMLN-SO	496383	1355
BMLP	429372	1355
BMLPL	89362	1355
BMLPV450	87818	1271
BMLPV800	92556	1350
BMLPV800HD	474370	1290
BMLPVDB800/1900	60692	1305
BMLPVDB902/2400	60717	1305
BMMB34	28304	1321
BMMB38	66697	1321
BMMC150	94420	1249
BMMC450	88175	1267
BMMG-19000C	96035	1331
BMMG-24000-C	70331	1314
BMMG-24005-C	79798	1314
BMMG-24005-PL	28191	1314
BMMG-8353C	86664	1340
BMMG-8353MSMA	86668	1340
BMMG-8353PL	86662	1340
BMMG-9150BN	86503	1293
BMMG-9150MSMA	86472	1293
BMMG-9150UN	86476	1293
BMMG8350C	41780	1340
BMMG8350PL	27317	1340
BMMG8350SMA	65710	1340
BMMG9153BN	31321	1293
BMMG9153MSMA	18311	1293
BMMG9153UN	24379	1293
BMML195-NC	441110	1355
BMML195C	60731	1355
BMN	15090	1319
BMN9155	37298	1298
BMNCP	483376	1355
BMNSO	47099	1354
BMOY4065	47612	62
BMOY4405	89227	62
BMOY4705	24406	62
BMOY8065	51359	116
BMOY8245	35647	116
BMOY8905	86564	146
BMP	16320	1354
BMPCP	480036	1354
BMPL	58724	1354
BMSP	444314	1355
BMSPL	486166	1354
BMST-NC	94883	1355
BMSTC	95288	1355
BMSTNCP	43681	1355
BMSTPL	416333	1354
BMT	97270	1360

Mfg. Part Number	SKU	Page
BMT-NC	95559	1360
BMTC	65448	1360
BMTFPL	13841	1360
BMTPL	70902	1360
BMUF4300	90627	1259
BMUF4500	24358	1259
BMUF4700	77413	1259
BMUF8000	64199	1335
BMUF8035	86207	1288
BMUF8043	68471	1344
BMUF8045	84433	1288
BMUF8063	12592	1280
BMUF8083	98121	1344
BMUF8133HBC	46514	1287
BMUF8133HBN	28029	1287
BMUF8133MRC	49986	1287
BMUF8133MRNCP	67671	1287
BMUF8135MRC	35523	1289
BMUF8135MRN	43741	1289
BMUF8143MRC	20086	1287
BMUF8143MRNCP	92850	1287
BMUF8253	64724	1337
BMUF8353HBC	58479	1346
BMUF8353MRC	12842	1345
BMUF8353MRPL	65147	1345
BMUF8355HBC	96872	1346
BMUF8355MRC	76414	1345
BMUF8363HBC	45265	1346
BMUF8363MRC	89628	1345
BMUF8405	34600	1344
BMUF8455	59779	1345
BMUF8963	63475	1296
BMUF9000	98642	1293
BMUF9043	88654	1301
BMUF9115	30942	1301
BMUFC8063	487366	1281
BMUFL800	55981	1276
BMUFL8053	21335	1281
BMUR8043	86156	1353
BMUR8353	55372	1353
BMYA-45012	35671	66
BMYA-8063	96745	114
BMYA-8253	42837	114
BMYA-9303	81230	144
BMYA4503	60850	61
BMYA4505	86029	63
BMYA80612	58352	122
BMYA8066	45138	117
BMYA82512	56051	122
BMYA8256	94444	117
BMYA9306	36925	148
BNUT	24557	1319
BNUT38	62950	1319
BTGB-38	86880	1320
BTGB34	48487	1320
CNUT	85631	1319
G	80635	1359
GC	44541	1358
GL	59203	1361
GL-NC	64908	1361
GLNSO	84382	1361
GMBN	32775	1358
GML195C	460127	1358
GNCP	60323	1358
GNSO	82934	1358
GP	31327	1358
GPL	72296	1358
L	19561	1361
LT	56705	1361
M8X-100	36196	396
M8X-1000	94561	396
MA	43491	1356
MA38	30277	1355
MAC	97114	1356
MALC	495329	1356
MAML195P	85365	1356
MAR96	54207	1321
MARC2	56484	1579
MARM	57242	1363
MASMSS	52515	1362
MAT-1/4 4500	52958	1322
MAT1520	66172	1322
MAT27	26530	1317
MAT30	64923	1317
MAT34	13316	1317
MAT40	51709	1317

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Manufacturer / Mfg. Part Number Index

Mfg. Part Number	SKU	Page
MAT450	38495	1318
MAT47	25281	1317
MAT58	50460	1317
MAT582	88853	1317
MAT8000	39744	1353
MATH	62425	1322
MATH132	10818	1322
MAX	99569	1319
MAX-MFT	22258	1242
MAX150/450	78507	1305
MAX150D	42568	1304
MAX8033	81685	1280
MAX8053	15615	1337
MAX8055	86931	1284
MAX8135	75491	1284
MAX8355	49063	1338
MAX8375S	75376	1338
MAX9053	23833	1296
MAXC-24503	15176	1314
MAXC-24505	53569	1314
MAXS	19574	1318
MAXSCAN1000	61375	1303
MBM	23646	1360
MBM-NC	77167	1360
MBMPL	63869	1360
MBR-1503	82956	19
MBS	36522	68
MBS-UHF	97729	68
MBS-VVM	91014	479
MBS150	74915	18
MBS450	61701	41
MBS850	10094	68
MBX150	35273	20
MBX450	60452	42
MBX470	98845	42
MBX490	47238	42
MC1900PTC	464105	251
MC2400PTNF	450041	258
MCO24005PTRPC	424374	261
MCR806	45464	116
MCR900	83857	145
MCSC-821TN	39545	1346
MDB1444	16589	1306
MDB1444S	54982	1306
MDB1545	29803	1306
MDB1545S	68196	1306
MDF150/450	82239	1307
MDO24005PTRPC	446384	260
MESC-806-TN	79187	1286
MEXB-150-MX	30560	1323
MFB-19008A	59090	158
MFB1440	69394	22
MFB1443	17787	24
MFB1500	56180	22
MFB1503	94573	24
MFB1560	42966	22
MFB1563	81359	24
MFB1620	29752	22
MFB1680	16538	22
MFB1683	54931	24
MFB24004CM	25454	217
MFB24006	44722	218
MFB24008	83115	219
MFB24010	25421	219
MFB25007	470355	218
MFB25007DT3	434367	218
MFB4400	80110	44
MFB4403	28503	46
MFB4500	15289	44
MFB4503	53682	46
MFB4505	92075	47
MFB4600	40468	44
MFB4603	78861	46
MFB4605	27254	47
MFB4700	65647	44
MFB4703	14040	46
MFB4705	52433	47
MFB4900	95380	44
MFB4903	71842	46
MFB58008	484179	209
MFB8130	90826	72
MFB8133	39219	74
MFB8135	77612	76
MFB8137NF	20815	78
MFB8353	64398	74
MFB8580	51184	72
MFB8583	89577	74
MFB8585	37970	76
MFB8587	43648	78
MFB8963	49935	74
MFB8965	88328	76
MFB9300	36721	130
MFB9303	10293	132
MFB9303	75114	132
MFB9305	23507	133
MFB9380	61900	130
MFB9385	48686	133
MFT 120	60651	1242
MFT-120-BM	473367	1241
MGST	34223	1318
MHA-2400PTMSMA	460051	260
MHA2400PTC	465111	260
MHA2400PTRPBN	447065	260
MHA2400PTRPTNC	484073	260
MHA806PTNF	433014	244
MHA824PTNF	459137	244
MHA890PTNF	469310	244
MHB1440	94175	1243
MHB1520	80961	1243
MHB1520BM	485310	1244
MHB1620	67747	1243
MHB2002	51985	1257
MHB2200	54533	1256
MHB5800	33825	1248
MHB5800S	84136	1249
MHB5802	59004	1252
MHB5820	84183	1258
MHBDC-5800	36458	1249
MHBDC-5800-132	74851	1249
MHBL-118	18634	1241
MHS-38	59226	1521
MHW2400C	30530	1330
MHW2400MSMA	82137	1330
MHWS2400C	68923	1330
MIG2425PTMSMA	494395	259
MIG24PT-NC	478389	259
MIG24PTMSMA	418022	259
MIG24PTRAMMCX	480324	259
MK10	96546	1322
MLB-DC-2700	41319	1237
MLB-DC-3000	28105	1237
MLB-DC-3400	53284	1237
MLB-DC-3700	79509	1237
MLB-DC-4000	90428	1237
MLB-DC-4700	27902	1237
MLB-DC-5000	85432	1237
MLB2700	92926	1237
MLB3000	79712	1237
MLB3001	462098	1234
MLB3400	14891	1237
MLB4000	52035	1237
MLB4700	86681	1237
MLB6600	32576	1237
MLM	83332	1317
MLPC1700	68640	251
MLPC1700PTRPTNC	71731	256
MLPC800	71765	244
MLPCDB800/1900	93561	243
MLPV1700	51486	1334
MLPV406	69658	1271
MLPV430	31265	1271
MLPV450	44479	1271
MLPV800	13203	1350
MLPVDB800/1900	54806	1305
MLPVDB902/2400	60697	1305
MLW15.5	44941	1322
MLW21	38169	1322
MMA-8353C	83794	1351
MMA-8355C	32187	1351
MMA-8357C	70580	1352
MMB34	40425	1321
MMC150	69241	1249
MMC150S	17634	1249
MMC200	56027	1258
MMC450	41564	1267
MMC450S	28350	1267
MMCO150	33499	1317
MMCO450	78907	1318
MMF	451189	1357
MMGSK	30476	1318
MMK1	68869	490
MMK11	25404	491
MMK1924	89345	491
MMK2	17262	491
MMK8	21095	491
MMK9	472320	491
MMO24005PTRPC	493303	218
MMSO2300	464344	258
MMX4F	469080	1351
MN9155	24084	1298
MNFA	91525	1426
MP19008XFPTFSMA	481343	255
MP19013PTFC	30363	251
MP24008XFPTNF	496154	221
MP24011PTNF	30325	225
MP24012CPLXFPTNF	443319	221
MP24013XFPTFC	449190	221
MP24013XFPTNF	78020	221
MP24015PTNF	61483	222
MP24018XFPTNF	61492	223
MP8066PT-NC	10331	247
MP8068PTNF	10966	248
MP8246PT-NC	10956	247
MP8906PT-NC	10962	247
MPA2450C	43378	1330
MPAB1	54725	488
MPAB10	458188	491
MPAB11	492396	489
MPAB12	434394	489
MPAB2	72913	488
MPAB3	51592	489
MPAB4	414189	489
MPAB7	411108	491
MPAB8	432103	491
MPL9	24231	439
MPL9TF	62624	439
MPR-24021PTNF	483308	190
MPR-24025PTNF	497326	192
MPR-58029	496378	204
MQW2400SM	95351	1330
MRC	11017	1319
MS	22982	1318
MS800	17055	1318
MSK-721-DA2	54127	71
MSK150	86554	71
MSK450	34947	71
MSK450	99519	71
MSK800	46912	71
MSK800	49049	71
MSK900	86889	71
MSNP	33698	1317
MSO24014NF	435158	230
MSP24013-120	495041	229
MSP24013MB	419051	234
MSP24014-90	465025	230
MSP24016-60	484086	231
MTO8903PT	422086	246
MTPM	96021	1357
MTPM800	85449	1357
MUB450	82807	1322
MUB8003	17986	1322
MUB8005	56379	1322
MUF24005	36495	1314
MUF4062S	87831	1269
MUF4065	49107	1267
MUF4300	12393	1259
MUF4303	77214	1263
MUF4305	37572	1267
MUF4500	75965	1259
MUF4500BM	434322	1260
MUF4502	11144	1269
MUF4502S	49537	1269
MUF4503	87930	1263
MUF4503S	36323	1263
MUF4505	74716	1267
MUF4505BM	81307	1267
MUF4505NGP	23109	1270
MUF4505NGPS	46455	1270
MUF4505S	57664	1267
MUF4700	21860	1259
MUF4703S	16737	1263
MUF4705	35074	1267
MUF4705NGP	73467	1270
MUF4900	98646	1259
MUF4905	47039	1267
MUF8000	70969	1335
MUF8000RGC	38359	1276
MUF8003	19362	1281
MUF8003NGP	15584	1281
MUF8003NGPS	55066	1281
MUF8005	81935	1285
MUF8035	47814	1288
MUF8043	30078	1344
MUF8045	46040	1288
MUF8063	41916	1280
MUF8063BMNCP	443395	1280
MUF8083	65973	1344
MUF8105	22635	1284
MUF8253	26331	1338
MUF8325	99421	1339
MUF8353HBC	13117	1346
MUF8405	72993	1344
MUF8455	21386	1345
MUF8963	25082	1296
MUF9000	54330	1293
MUF9035	39629	1298
MUF9043	50261	1301
MUF9083	12797	1301
MUF9115	82549	1301
MUFL4505	80309	1267
MUFL800	19760	1276
MUFL8053	55181	1281
MUHF	28702	443
MUR450	15488	1322
MVP	57726	1351
MWB1320	27453	1241
MWB4505	77811	1261
MWB5803	26204	1241
MWBDC-2700	98189	1231
MWBDC-4400	20154	1231
MWBDC-4700	58547	1231
MWT	76562	1581
MWU-4002S	85825	1261
MWU-4065S	60646	1261
MWU-4205S	99039	1261
MWU-4505	14187	1261
MWU-4505S	52580	1261
MWU-4705	73860	1261
MWU-4705S	47432	1261
MWV-1322	27401	1251
MWV-1322S	65794	1251
MYA-723K	40968	1
MYA-725K	79361	1
MYA1503	78558	3
MYA1503K	88527	3
MYA1505K	75313	3
MYA1506K	62099	4
MYA2203	11293	1
MYA2205	49686	1
MYA4063	10492	6
MYA4066	48885	6
MYA43012N	51437	6
MYA45012	87278	6
MYA4503	22457	6
MYA4505	47636	6
MYA4506	72815	6
MYA4703	59601	6
MYA4705	97994	6
MYA4706	46387	6
MYA4903	84780	6
MYA4905	33173	6
MYA4906	71566	6
MYA80612	19959	1
MYA8063	50858	1
MYA8066	89251	1
MYA82512	83531	1
MYA8253	31924	1
MYA8256	70317	1
MYA8503	31535	1
MYA8703	69928	1
MYA9153	18907	1
MYA93012	12465	1
MYA9303	62255	1
MYA9306	64072	1
MYG9159FE-NF	443127	1
MYG9309FE-NF	56335	1
MYK10	77913	4
MYK11	26306	4
MYK14	498326	4
MYK24	39777	4
MYK26	26563	4
MYK4	18710	4
MYP-24014PTNF	458313	2
MYP-24015PTNF	481303	2

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g. Part Number	SKU	Page
YP-24015PTRPC	457301	237
YPB24015PTNF	418319	185
RNG	95496	1318
34	43889	1320
38	82282	1320
3G	30675	1359
3G//C30LABOR6	71856	1358
3GBN	14436	1358
3GC	69068	1358
3GNCP	66043	1358
3GP	17461	1358
3GPL	35722	1358
3GPL-LABOR6	53671	1358
G	55854	1359
GBN	52829	1358
GC	94899	1358
GC-LABOR 6	66036	1358
GFLPL	56745	1358
GNCP	19432	1358
GPL	42640	1358
GPL-LABOR6	66885	1358
L34	466014	1320
I	29426	1356
I34	60464	1356
IC	67819	1356
IC-NC	38774	1356
IMLI95BN	70132	1356
IMLI95C	54420	1356
IMLI95NCP	58167	1356
IMLI95NSO	85308	1356
IMLI95P	85305	1356
IMLI95PL	54819	1356
IPCP	464038	1356
IPL	92998	1356
	44414	1360
	43292	1360
-NC	24709	1360
SB34	79784	1320
SB38	66570	1320
P	40142	1360
	57628	1360
L	81619	1360
T	78535	1360
S175/U	26928	439
	65249	1356
38	13714	1356
SP24013PTNF	435386	222
SP24015PTNF	411321	237
SP24018PTNF	468318	223
MLPV1700	62326	1334
MLPV406	88949	1271
MLPV800	10096	1350
MLPVDB800/1900	60346	1305
	63348	1357
B	52107	1357
IGP	38893	1317
IGPCP	472125	1317
IUT	77286	1319
lichols		
62	424193	504
05201210	447115	499
05201410	455169	499
0201210	416173	499
0201410	430134	499
A Electronics Inc.		
-1F3	468325	1432
-1	425380	1431
-1	474383	1432
-1	453310	1432
-2	459327	1432
-1	487321	1432
-20-1	426049	1434
-30-1	460198	1434
-03-1	419385	1433
-06-1	458375	1433
-10-1	495320	1434
-20-1	468347	1433
-03-1	418387	1433
-06-1	434326	1433
-10-1	499386	1434
-20-1	494309	1433
-10-1.400	417329	333
-20-1.400	446307	333
-30-1.400	422382	334

Mfg. Part Number	SKU	Page
715S-10-1.400	427335	333
715S-20-1.400	460301	333
715S-30-1.400	421309	334
802-4-1.400	480046	68
803-4-1.400	429033	68
804-2-1.400	428355	68
804-4-1.400	458088	68
806-2-1.400	486341	68
806-4-1.400	456330	69
808-2-1.400	434368	69
808-4-1.500V	418340	69
Mega Enterprises Inc		
CZ326	27203	1615
Megger		
212159	47268	1465
212559	434023	1465
217719	89962	1464
217740	32572	1464
230315	71721	1466
230425	432066	1466
246006	410090	1467
250260	25141	1462
250302	63534	1463
250560	50320	1464
250575	15086	1464
250579	88713	1464
250580	85574	1464
250581	37106	1464
250582	75499	1464
250583	23892	1464
250586	92550	1464
659600E	484357	1457
BM81/2	474006	1465
BMM2080	487065	1465
BMM2580	426036	1465
BMM80	498070	1464
CFL510E	457036	1417
CFL535E	415091	1418
CFL800E	458068	1418
CHM2000	453293	1456
CLM200	413049	1449
DET2/2	76748	1463
DET5/4D	90655	1463
DET5/4R	25453	1463
DET62D	34366	1462
DLRO-10	419069	1467
DLRO-10X	428184	1467
EV-8101-111	454098	1449
EV-8101-112	492095	1449
EV-8101-113	491080	1449
EV6420-103	47114	1464
EV8101-110	453043	1449
INTERR-10T1	414269	1436
INTERR-20T1	444364	1436
LT7	37154	1466
MLS1000-SC	449094	1458
MLS2000-SC	451099	1458
MLS635-SC	468032	1458
MPM1000-SC	419064	1458
MPM2000-SC	456031	1458
SCT500	491032	1449
Metcal		
BVX-101	460197	1662
MX-500DS-11	447109	1673
MX-TALON-01	481184	1680
MX500S-11	415193	1673
MX500TS-11	458149	1673
SP200-11	439168	1672
SSC-713A	415381	1672
SSC-725A	480397	1672
SSC-737A	444343	1672
Meterman-Wavetek		
10XL	33893	1493
15XL	20679	1493
16XL	66267	1493
2015	13352	1495
2030	91381	1497
25XT	29545	1494
27XT	16331	1496
35XL	86450	1498
5XL	51849	1492
AC60	49603	1501
AC68	34764	1501

Mfg. Part Number	SKU	Page
AD105	73533	1502
AL244	69274	1506
CR50	34843	1504
CT238	55061	1506
DL248C	98705	1507
DM2	13456	1491
DM73B	468189	1491
DM78A	84242	1491
HD110B	96207	1495
LCR55	20508	1504
LP25A	56565	1506
RF241	76024	1506
RTL27	67281	1507
TL244	56060	1507
TL245	80495	1507
TL36	456197	1507
VC20	11568	1509
VC221A	98073	1509
VC30	31497	1509
MGB Fastener		
3/8" SS NUTS	63174	1759
3/8"SS LKWASH	11567	1760
3/8X1/2RDSSSCR	76388	1756
3/8X1RDSSSCR	24781	1756
Micro Care Corporation		
MCC-4761	45666	1700
MCC-CCC	496314	1700
MCC-DST	90091	1698
MCC-ESD2	91188	1707
MCC-P01	24453	1700
MCC-PC2	84200	1700
MCC-PEN	47825	1700
MCC-PEN	80099	1700
MCC-PRO	412090	1703
MCC-W66	10807	1708
Microflect/Valmont		
35-103893	472120	509
91089	23861	483
91199	44522	483
99277	82018	483
99280	30461	481
99281	43887	483
99283	97387	485
99284	58994	483
99285	86387	467
99286	19377	467
99287	87170	467
99288	95799	467
99289	72208	481
99292	49036	467
99293	33883	467
99296	60243	494
99485	48756	471
99486	78890	471
99487	13107	471
99520	41071	514
99521-GRY	79464	514
99521-WHT	80185	514
99540	91954	481
99542	30885	481
99544	22193	481
99546	77852	481
99547	40717	481
99575	85375	481
B1001	72192	496
B1002	50630	496
B1003	38754	496
B101	51447	510
B1064	49999	500
B1107	95632	495
B1108	38034	500
B1109	24820	500
B1112	57167	519
B1112A	63086	517
B1112B	11479	518
B1113	59665	513
B1117	91089	502
B1118	96995	512
B1126	83595	519
B1126A	37907	517
B1126B	36658	518
B1133	15353	500
B1151	43953	520
B1151A	35409	517

Mfg. Part Number	SKU	Page
B1151B	73802	518
B1152	78349	520
B1152A	22195	517
B1152B	61142	518
B1153	50270	495
B1154	88663	495
B1155	37056	495
B1156	75449	495
B1157	23842	495
B1158	62235	495
B1159	10628	495
B1160	49021	495
B1161	79196	494
B1162	27589	494
B1163	65982	494
B1164	14375	494
B1167A	12359	517
B1167B	99396	518
B1168	45202	519
B1168A	51121	516
B1169	69132	519
B1173A	64335	516
B1174A	39712	516
B1177	22919	1705
B1189	18774	519
B1189A	49872	517
B1189B	88265	518
B1190	92211	537
B1190-10	49854	537
B1191	34486	513
B1193	95560	520
B1193A	10230	517
B1193B	48623	518
B1199	10556	511
B1203	12927	1753
B1204	51320	1753
B1205	36857	1756
B1211	52126	502
B1220	78925	499
B1221	27318	499
B1223	14104	500
B1224	52768	494
B1225	91161	494
B123	39609	522
B1251	86995	519
B1251A	48602	517
B1251B	25214	518
B1258	25023	523
B1259	16403	523
B126	19824	503
B1262	82346	520
B1262A	85767	517
B1267	36785	500
B1271	76499	535
B1275	85894	501
B1277	12601	577
B1280	13054	503
B1292	59775	523
B1293	28241	520
B1293A	27915	517
B1293B	66308	518
B1297	35735	512
B130	66672	502
B1304	88464	1756
B1333	45816	512
B1334	20637	512
B1335	72244	512
B1336	59030	512
B1338	33851	512
B1340	84209	512
B1341	30186	519
B1341A	52657	517
B1341B	41197	518
B1345A	95396	516
B135	78002	522
B1382	411315	575
B1386	85677	520
B139	15425	537
B1395	57170	520
B1398	455075	519
B1402	29232	519
B1402A	67625	517
B1402B	16018	518
B1405	35914	486
B1406	97299	486
B1408	10157	486

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Manufacturer / Mfg. Part Number Index

Mfg. Part Number	SKU	Page
B1409	22700	486
B1411	47879	486
B1416	61542	486
B1418	86272	486
B1419	27406	486
B142	26395	522
B1426	83180	486
B1427	34665	486
B1428	54978	486
B1430	456096	486
B1434	59029	486
B1435	21451	486
B1436	46630	486
B1438	61347	486
B1439	38469	486
B1446A	30975	517
B1447	82582	512
B1448	95796	511
B1449	44189	511
B1452	70617	522
B1461	78787	496
B1462	11248	496
B147	64788	522
B1472	75955	522
B1473	24348	522
B1474	11134	522
B1475	49527	522
B1478	18623	496
B1479	23382	496
B1484	42884	495
B151	13181	522
B1533A	45505	516
B1534	83059	487
B1542-11	47064	504
B1542-14	84926	504
B1543	34648	504
B1544-11	20636	505
B1544-14	71712	505
B1545	73041	505
B155	51574	522
B1558	36313	522
B1564	82068	484
B1566	92005	517
B1567	48561	484
B1571	42947	505
B1573	89494	506
B1574	37887	506
B1585	36262	505
B1586	94554	520
B1587	40737	521
B1588	33514	521
B1589	82932	520
B1590	84651	520
B1591	68359	520
B1592	17548	478
B1593	29961	478
B1594	41017	478
B1595	36105	504
B1596	22891	505
B1597	61284	506
B1598	12433	505
B1599	50826	505
B1600	12916	505
B1604	34297	520
B1605	18259	520
B1607	76522	520
B1608	52067	520
B1609	68817	519
B1612	99422	577
B162	41853	537
B1622	35093	470
B1623	90782	470
B1624	28624	471
B163	89967	522
B1635	67423	511
B1637	52876	484
B1639	43083	471
B164	91669	535
B1640	31571	471
B1645	76632	496
B1646	77860	471
B1649	36664	471
B1650	13192	511
B1654	42300	471
B1655	54858	471
B1665	27570	479
B1670A	92131	516
B1673	66438	519
B1674	34962	519
B1674A	46204	516
B1677	28209	519
B1677A	64828	516
B1677B	51627	518
B1678	14995	519
B1678A	76793	516
B1678B	90020	518
B1679	78567	519
B1681	32680	519
B1681A	13221	516
B1681B	38413	518
B1682	71073	519
B1682A	25186	516
B1682B	76806	518
B1683	19466	519
B1683A	10385	516
B1685	57859	519
B1685A	51614	516
B1685B	11985	518
B1686	96252	519
B1686A	11972	516
B1686B	88771	518
B1687	79291	519
B1689	27684	520
B1689A	90007	517
B1689B	63592	518
B1690	66077	520
B1690A	50365	517
B1690B	50378	518
B1691	52863	520
B1692	78042	520
B1692A	38400	517
B1692B	37164	518
B1703	61348	505
B1704	15732	505
B1706	38468	467
B1709	28819	476
B1717	37562	522
B1718	74706	499
B172	89713	535
B1720	89169	522
B1724	65476	505
B1725	13869	505
B1726	52262	505
B1738	86671	472
B1739	35064	472
B174	85242	534
B174-10	88247	534
B1751	58054	509
B1752	23099	501
B1753	87920	522
B1760	86146	525
B1762	34539	525
B1763	72932	525
B1764	21325	525
B1765	59718	525
B1766	98111	525
B1767	46504	525
B1768	84897	525
B1769	68385	529
B1770	16778	529
B1771	55171	529
B178	65783	1753
B180	24892	535
B182	46849	534
B1820	63152	469
B1821	49938	470
B1822	48689	470
B1823	36724	469
B1824	73868	470
B1825	68804	467
B1826	60654	469
B1827	99047	469
B183	63285	536
B1832	85833	470
B1833	87082	468
B184	18122	1743
B1844	38837	525
B185	35608	528
B1855	93164	496
B186	94908	1709
B1867	22261	470
B1868	35475	470
B1872	71319	480
B1873	45463	480
B1875	87389	508
B1876	35782	508
B1883	24352	470
B1888	69027	501
B1889	94206	501
B189	53022	524
B1890	42599	501
B1894	35058	468
B1895	41408	469
B1897	466332	480
B1898	474102	480
B1902	86095	480
B1903	86085	480
B1919	41557	496
B1925	471030	494
B1930	495148	496
B195	22394	1706
B196	74001	529
B2003	38135	478
B2004	445111	477
B2005	79090	477
B2006	26621	477
B2007	454196	477
B2009	36624	477
B2014	93945	477
B2015	470241	477
B2016	448064	477
B2018	38139	479
B2019	36627	479
B202	69729	515
B2020	78188	479
B2021	33509	479
B2026	70636	479
B2044	448078	468
B2045	88183	494
B2069	93190	471
B2081	420095	496
B2096	44695	481
B2143	33122	523
B2183	79307	494
B2186	486342	469
B2187	37064	469
B2188	37066	469
B2196	477085	469
B220	62163	511
B2249	33078	521
B2250	45867	521
B2251	22523	521
B2252	57187	521
B2253	77530	521
B2254	77534	521
B235	11678	536
B2377	422359	574
B238	26742	1756
B240	52497	503
B241	89840	510
B242	38233	510
B2451	40684	509
B2507	18937	479
B251	39283	503
B252	77676	504
B255	55067	1746
B2592	37280	469
B2593	37284	469
B2594	37288	469
B2606	37289	469
B262	29888	534
B2627	452029	469
B2640	487053	469
B267	36984	520
B268	75377	520
B2687	431322	469
B2689	462039	469
B269	98456	533
B2692	455097	469
B2723	60465	469
B2724	60467	469
B2725	53976	469
B2726	53974	469
B2727	53915	469
B273	15065	502
B2767	482085	469
B2774	85224	475
B279	58217	503
B2807	427037	4
B2808	471053	4
B2809	413093	4
B2810	466079	4
B293	15552	5
B297	80246	5
B2972	426027	4
B298	75250	17
B299	61312	17
B2990	415192	4
B3013	458337	5
B3045	495368	4
B3100	495335	4
B3114	499334	4
B3115	418331	4
B3116	475380	4
B3117	451392	4
B3132	453313	4
B3133	475358	4
B357	63539	5
B358	30921	5
B364	43301	17
B391	64462	4
B392	12855	4
B393	51248	4
B394	89641	4
B397	75178	5
B399	99705	5
B400	87215	5
B402	78385	5
B411	84262	5
B412	50071	5
B418	30993	5
B419	48822	5
B501	63738	4
B502	66960	4
B503	53746	4
B504	92139	5
B505	40532	5
B506	77875	5
B507	79124	5
B508	52696	5
B509	47501	5
B510	72680	5
B511	64661	5
B512	26268	5
B514	39482	5
B515	93460	5
B518	76626	5
B519	25019	5
B520	63412	5
B530	21035	5
B531	52569	17
B532	69386	5
B535	66490	5
B535A	98981	5
B535B	47374	5
B537	12516	5
B537A	23444	5
B537B	61837	5
B539	42704	5
B540	34672	5
B540A	35261	5
B540B	26429	5
B542	54669	5
B542A	80771	5
B542B	29164	5
B543A	67557	5
B544	79848	5
B544A	41129	5
B544B	79522	5
B547	14176	1
B548A	14701	5
B549	22521	5
B550	60914	5
B551	99307	5
B552	47700	5
B553	86093	5
B559	40405	5
B570	49639	5
B571	40604	1
B572	78997	1
B574	38563	5
B575	48949	5
B576	87342	5
B578A	84932	5

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Mfg. Part Number	SKU	Page
84	48750	502
85	35536	502
86	73929	502
88	23571	502
89	61964	502
90	87143	502
93	45003	503
67	65436	534
45	82195	1759
50	27808	1760
51	95409	1760
52	21735	1760
03	79415	1760
04	67770	1760
33	29103	570
42	64383	570
63	10633	1759
64	53276	1759
68	14883	1760
71	27536	570
72	71046	1760
34	63106	504
39	69071	504
90	88285	504
015	450046	485
64	64208	577
55	30087	494
56	54017	494
67	92410	494
68	40803	494
73	59737	495
364	43424	533
	50994	483
	89387	483
5	37780	484
olab/FXR		
-44D	58426	333
-44N	58398	333
-46N	58473	333
-47N	58502	333
-12FN	58528	69
-14FN	58556	69
-22FD	58568	69
-24FD	58573	69
-14FN	58557	69
-24FD	58581	69
-34FN	58648	70
-54FN	58653	70
TN	49833	68
TN	49836	68
owave Data Systems		
05	462303	709
TDG	441302	709
and		
1037	23758	1167
1311	31862	1167
133700	62151	1167
1337B	63925	1167
471	96797	1168
474	70369	1168
52700	10544	1167
70B	17980	1167
2328A	50186	1167
2355	63400	1167
3170 BATTERY	86081	1168
3270	45190	1168
C70R	34474	1168
CL70	21260	1168
M70	83583	1168
m		
7510150M	48285	706
7560100M	94371	706
8690110M	16336	706
8690225M	54729	706
8800100M	66694	706
aukee		
527	23477	1521
3-22	49126	1515
1-0100	17336	1517
1-0200	73178	1517
1-2200	82951	1517
0-6850	473185	1520

Mfg. Part Number	SKU	Page
48-20-6851	434179	1520
48-32-2100	14010	1519
48-89-0035	499197	1519
48-89-0045	432099	1519
48-89-1081	461080	1519
48590180	24726	1518
49-56-6950	460141	1521
5377-6	82730	1516
6517-20	82447	1522
6539-6	11512	1514
6546-6	36952	1514
6547-1	473030	1514
Mitsubishi		
CLP-P5	72327	1149
CLP-P6	72354	1149
CLP-P7	72207	1149
HDS-P2	72239	1143
HLD-P6	72237	1391
PCC-P2	72440	1138
Mobile Mark, Inc.		
CVT900M	449161	1350
CVT900S	428118	1350
CVT900T	441139	1350
CVX900/15755VTSMA	481133	1313
CVX90015755VTSMB	490105	1313
IA90015755VTSMA	415186	1312
IA90015755VTSMB	23843	1312
IMAG0-1900T	69997	1331
IMAG5-2400 NF	419305	1315
IMAG5-2400 NM	416029	1315
IMAG5-2400 TNC	420052	1315
IW-1575/5V	88664	1313
MAG390015755VTSMA	422042	1313
MAG390015755VTSMB	470195	1313
MG0-U15-2A2C	413141	1313
MG0-U15-2A2C	421354	1313
MG0-U15-2C2D	458167	1313
MM3-900	18825	1343
MM3-900	57218	1343
MM3-900/1900 MU	473071	1334
MM3-900/1900 TNC	436021	1334
MM3-900K	12079	1352
MM3-U15-2A2C	479138	1313
MM390015755VTSMB	38306	1312
MMW-3	73472	1353
OD12-2400	78868	220
OD12-2400PTA	27261	219
OD3-2400	430004	217
OD6-1900	27333	157
OD6-2400	93132	218
OD9-1900	83661	159
OD9-2400	41525	219
OD9-2400PTA	40475	219
ODN6-5250	459188	197
ODN6-5725	440135	198
ODN9-5250	489050	196
ODN9-5725	410092	197
RM52400N	427383	1315
RM52400T	464302	1315
SCR11-1800	412006	162
SCR12-1900	32054	161
SCR14-2400	65654	236
SCR14-5150	497089	197
SCR14-5725	468089	197
SM-U15-1A2CBL	447331	1313
SM-U15-1A2CWH	475188	1313
SM1575 SMA	460035	1313
SM1575/5V	87415	1313
SM1575/5V-BLK	474324	1313
SM390015755VTSMA	467006	1312
SM390015755VTSMB	451048	1312
SM90015755VTSMABL	433134	1312
SM90015755VTSMAWH	433002	1312
SM90015755VTSMB	10629	1312
SM90015755VTSMBBL	445097	1312
SM92515755VMUSMA	487161	1313
SM92515755VTNSMA	493113	1313
Molex		
28C7044	417150	675
Motorola Inc.		
3083577P16	75429	1147
417126/472143	455135	889
463157/422164	470149	874

Mfg. Part Number	SKU	Page
463157/451162	442178	919
463157/453130	451123	908
473116/480120	412147	925
53720	77224	1165
53724	69006	1165
53725	17399	1165
53726	94185	1165
53727	42578	1165
53728	80971	1165
53740	71775	1166
53743	33382	1166
53872	466143	1166
53874	456127	1166
53879	469155	1166
56319	434140	1165
6609414J02	464395	889, 919
8589650K18	463145	874
8589650K22	490358	919
98105/SNN4814	431124	884
98125/SPN4604	474145	881, 885
98126/SYN4241	487105	880, 885
98127/SHN6971	481104	886, 1149
98164/SYN7119	476102	1149
98192	15118	886
98196/SYN8284	423154	872, 876, 879, 882, 888, 893, 898, 901, 906, 912, 917, 923, 928, 934, 1143
98202	445174	881
98245	71123	897, 923
98246/SYN8087	433133	878, 891, 895, 920
98247/SNN5542	493159	895, 920
98249/SYN8408	460110	921
98253/SYN8468	446166	921
98254/SYN8409	479160	921
98255/SYN8410	464191	921
98256/SYN8411	410145	921
98257/SYN8412	424161	921
98258/SYN8578	458122	921
98259/SYN8579	418116	921
98260/SYN8580	480121	921
98261/SYN8581	479136	921
98262/SYN8577	455160	921
98265/SYN8441	495107	897
98266/SHN7471	464169	923
98268/SYN8469	487139	921
98269/SYN8470	427135	921
98270/SYN8467	455115	921
98271/SYN8471	447133	921
98274	420083	881, 885
98282/SYN8734A	459101	1149
98300/SNN5517	479100	880
98307/SYN7818	453147	869, 875, 900, 903, 909, 915, 926, 929, 932, 936, 939, 944, 949, 953, 958
98308	420140	871, 876, 901, 905, 911, 916, 927, 933
98310/SYN8609	444108	872, 876, 901, 906, 912, 917, 928, 931, 934, 1143
98312/SYN9071	489127	905
98313/SYN8463	421178	916, 927
98315	497126	905, 1149
98317/SNN5705	494156	903, 909, 914, 926, 939, 943, 952
98320	438121	874, 908, 913, 919, 931, 1138
98321	490191	874, 908, 913, 919, 931, 1138
98323/AAYN4264	486111	872, 876, 879, 882, 888, 893, 898, 901, 906, 912, 917, 923, 928, 931, 934, 941, 955, 967, 1143
98325/SYN8611	444135	872
98326	460128	874, 908, 913, 919, 931, 1138
98328/SYN8908	458101	872, 876, 879, 882, 887, 898, 901, 906, 912, 917, 923, 928, 931, 934, 941, 955, 967, 1143
98338/SNN5717	410133	914, 926, 939, 943, 952
98340/SYN8913	437198	869
98341/SYN8914	454112	869
98342/SYN8915	498118	869
98343/SYN8916	491199	869
98344/SYN8917	486139	869
98345/SYN8918	471132	869

Mfg. Part Number	SKU	Page
98346/SHN7175	442112	871, 881, 1150
98347	477174	874, 908, 913, 919, 931, 1138
98348/SYN8946	425129	869
98349/SYN8947	464184	869
98350/SYN8948	492146	869
98351/SYN8949	434141	869
98352/SYN8950	428145	869
98353/SYN8847	460134	911
98354/SPN4996	493133	870
98356/SYN9171	458178	871
98357/SPN4940	482196	870, 875, 900, 904, 910, 915, 926, 930, 933, 940, 944, 949, 953, 958
98358/SPN5029	476345	904, 910, 915, 933
98359/SYN9347	463198	916
98364/AANN4106	460172	891
98365	468138	878, 893
98366/SYN9418A	487177	892
98367/SYN9314	454139	891
98368/SYN9312	457170	891
98369/SYN9313	452107	891
98370/SYN9417A	481109	892
98371/SYN9419A	446124	893
98375/SNN5609	457337	929
98376/SYN8791	465308	930
98377/SYN9355	480313	930
98378/SYN9356	468339	930
98379/SYN9357	414381	930
98381	428368	872, 906, 917, 1143
98405	473177	906, 1141
98412	490126	870, 900, 904, 910, 915, 926, 930, 933
98413	417390	872, 876, 901, 906, 911, 917, 928, 931, 934
98416	431395	878, 892, 896, 922
98417	477300	878, 892, 896, 922
98418	477318	871, 876, 900, 904, 911, 915, 927, 930, 933
98419	495319	871, 876, 900, 904, 911, 915, 927, 930, 933
98421/SPN5027	458147	872, 901, 905, 916, 928
98422/SPN5028	417142	872, 876, 901, 911, 916, 928, 930, 933
98435/SYN9050	458300	872, 876, 879, 882, 887, 893, 898, 901, 906, 912, 917, 923, 928, 934, 1143
98442/SYN0427	482353	926
98443/SYN0428	476379	926
98444/SYN0429	474366	926
98445/SYN0430	456359	926
98446/SYN0431	413393	926
98447/SYN0432	482377	926
98448/SYN0433	464318	926
98449/SYN0434	470388	926
98450/SYN0435	458391	926
98451/SYN0436	418374	926
98464/SYN9631	439302	932
98465/SNN5655	416337	932
98478	493361	880, 1138
98479/SNN5582	427392	875, 900
98480/SNN5588	481316	900
98481/SNN5595	498384	900
99331	436130	908, 1138
99332/SYN8705	485180	906, 1141
AAYN4207	411019	1143
COW2	88736	1166
COW2S	37129	1167
COWHP	414162	1167
COWXTN	469108	1167
FLN2714A	497155	967
FLN9108	22200	1143
FSL1100	487088	966
FSL1201	484190	966
GT	52896	1166
GT+	39682	1166
HKLN4172	476103	1167
HLN9132	498183	1166
HLN9309	15172	1166
HMN9013	460192	1166

Mfg. Part Number Index

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Mfg. Part Number	SKU	Page
HMN9025	18123	1166
HMN9026	76500	1166
HMN9030	446139	1166
HMN9036	479167	1166
HMN9038	68481	1166
HMN9039	16874	1166
HPU410	475160	1167
HPV510	434153	1167
HTN9067	446197	1166
HTN9204	27662	1166
HTN9205	38107	1166
NKN6540	464053	943, 946, 951, 956, 961, 1138
NKN6544	476039	943, 946, 951, 956, 961, 1138
NKN6546	412079	943, 946, 951, 956, 961, 1138
NKN6547	490089	943, 946, 951, 956, 961, 1138
NNTN4049	488154	961, 1138
NPN6197	468099	965
NTN1661	86293	967
NTN1710	470184	969, 1138
NTN1796	431073	941, 944, 950, 954, 959
NTN1825	469139	957
NTN1826	436185	957
NTN1869	413124	958
NTN8614	449057	964
NTN8615	427081	964
NTN8653	453031	966
NTN8654	15228	967, 1143
NTN8655	411081	965
NTN8656	73807	967
NTN8657	471003	966, 1149
NTN8658	487033	966
NTN9150	71234	1166
NTN9152	449062	1149
NTN9173	497025	1347
NTN9298	453198	967
NTN9346	410127	939, 953
NTN9475	413079	940, 954
NTN9476	489192	941, 954
NTN9478	471033	953
NTN9544	411080	940, 954
NTN9568	483071	940, 953
NTN9687	481160	958
NTN9688	447189	959
NTN9712	483109	943, 952, 957, 961, 1140
NTN9780	470045	940
NTN9781	442095	940
NTN9804	478035	940
NTN9849	478191	957
NTN9850	421165	957
PMLN4124	62308	1167
PMNN4002	15697	1166
RLN5334	436192	958
RLN5336	419181	958
S6965	31187	887
S9141	447167	874, 908, 913, 919, 935, 1138
S9563	435171	917
S9564	461118	906
S9565	447125	872
S9610	428123	872, 901, 906, 917, 934
S9618A	456190	875, 908, 914, 919, 935, 1138
S9908	417368	875, 908, 914, 919, 935, 1138
SAF5120B	76836	889
SHN6937	58963	1149
SHN7681	430151	903
SHN7682	425157	903
SKN4467A	72645	1147
SKN4468	77584	1147
SKN6124B	17545	886
SKN6311	454166	875, 908, 913, 919, 935, 1138
SLN8840	44869	1147
SLN9583	81930	1147
SNN4139	62488	1148
SNN5571	497328	869
SNN5611	426330	929
SNN5619	446323	929
SNN5705/SYN9073	454135	914, 926
SNN5706	416163	914, 926, 939, 952
SNN5716/SYN9074	416146	914
SNN5716	445066	939, 952
SNN5716/SHN7682	495168	903
SPN4025	84498	1148
SPN4681	87752	878, 892, 896, 922
SYN0301	416368	917
SYN0371	493343	901
SYN0375	412399	916, 927, 1149
SYN0403	491303	906
SYN0425	490285	905, 1150
SYN7464	489110	1138
SYN7464	56660	889, 1138
SYN7574	486131	886, 1149
SYN8440	81465	881, 886, 897
SYN8848	452100	916, 927
SYN8962	424199	909
SYN9072	448132	914
SYN9073	483131	914
SYN9074	427139	914
SYN9269	481139	872
SYN9270	491250	911
SYN9306	497318	934
SYN9350	414339	872, 876, 878, 882, 887, 893, 898, 901, 906, 912, 917, 923, 928, 931, 934, 941, 955, 967, 1143
SYN9351	457331	872, 876, 879, 901, 906, 912, 917, 928, 931, 934, 1143
SYN9412	495135	914
SYN9413	436126	914
SYN9414	432127	914
T5320ABUR	489391	1165
T5420ABLK	491313	1165
XU1100	423150	1166
XU2100	433130	1166
XU2100Y	471104	1166
XU2600	460185	1166
XV1100	487170	1166
XV1100Y	489166	1166
XV2100	416144	1166
XV2600	417179	1166

MTS

Mfg. Part Number	SKU	Page
VC-GPSWM	10846	480

Multiplier

Multiplier designs and manufactures batteries for portable power supply requirements: rechargeable NiCd, NiMH, Li-Ion and Factory Mutual Approved batteries for intrinsically safe or non-incendive use.

Mfg. Part Number	SKU	Page
M0105	30205	1185
M0121	93548	1185
M0125	47289	1185
M1155	13678	1186
M1170	92661	1186
M1795	431161	939, 943, 953
M1795X	478138	939, 943, 953
M191202	84833	1179
M191202/2	460187	1179
M191203	71888	1179
M191203/2	449197	1178
M191205/2	495351	1179
M191205/4	438333	1179
M191205/8	498366	1179
M191210/3	470322	1178
M191210/4	487338	1178
M191210/5	471325	1178
M191210/6	457328	1178
M191212/1	478341	1178
M191212/2	491328	1178
M191212/3	495300	1178
M191212/4	473303	1178
M278P2	448140	1180
M4327B	23567	1177
M4462	13244	1175
M4463	26458	1175
M4500	28849	1177
M4538	41612	1177
M4584	82536	1175
M4593	30929	1177
M4595	69322	1177
M4595H	51726	1177
M4596	43585	1177
M4822	56108	1176
M4850P7	34380	1179
M4860P7	29278	1179
M4906	97201	885
M4907-LI	67044	885
M4908	32380	885
M4908-LI	67061	885
M4974	64652	1766
M5001	81287	1148
M522G4B	47890	1179
M5293P1	96860	1180
M5293P2	83646	1180
M5293P3	59839	1180
M5293P5	448346	1180
M5407	54859	1175
M5414	93252	1175
M5415	28835	1175
M5447	41645	1176
M5448	42049	1176
M5451	80038	1177
M5453	76465	1175
M5521	28431	1177
M5545	80442	1177
M5860	54135	1176
M639G2	34676	1179
M639G3	73069	1179
M6900	93777	1175
M6965	52994	1766
M7015	74519	1176
M7057	65575	1766
M70B16	77405	1184
M70B19	15335	1184
M70B21	99447	1184
M70B31	72313	1184
M70B32	20706	1184
M70B36	55358	1184
M70B48	38727	1184
M70B75	29002	1184
M7143	15788	1176
M7143H	93450	1176
M7143HX	61753	1176
M7144	54181	1176
M7144H	15635	1176
M7144HX	480083	1176
M7162	25408	1174
M7341	68491	1176
M7372	93670	1176
M7394	92421	1178
M7395	54028	1178
M7397	422005	1178
M7398	436078	1177
M7434	68598	1175
M7435	16991	1175
M763G3	33427	1179
M7694	67349	1175
M777G3	85034	1179
M8096	90030	1176
M8148	61508	1177
M8148H	428130	1177
M8294	66310	1178
M8295	427010	1178
M8299	470060	1178
M8308	90794	1174
M838P1	71879	1180
M838P2	417146	1179
M838P3	441004	1180
M838P3H	413305	1180
M8614	49091	965
M8620LX	478367	1178
M8834	40921	1176
M8923	66322	1178
M8923HX	66346	1178
M9008	415388	11[illegible]
M9008H	421390	11[illegible]
M9009	71900	11[illegible]
M9009H	71913	11[illegible]
M9009HX	71926	11[illegible]
M9010	453372	11[illegible]
M9011	426381	11[illegible]
M9012B	464029	11[illegible]
M9013	435381	11[illegible]
M9018	66644	11[illegible]
M9027	96474	11[illegible]
M9044	56832	11[illegible]
M9044H	490365	11[illegible]
M9049	27831	11[illegible]
M9049HX	457023	11[illegible]
M9050	493060	11[illegible]
M9360	84203	11[illegible]
M9360HX	470070	11[illegible]
M9361	480024	11[illegible]
M9628	55406	11[illegible]
M9628H	73847	11[illegible]
M9628HX	36574	11[illegible]
M9701	80456	11[illegible]
MAH630EH	67085	7[illegible]
MAPX1120	420025	11[illegible]
MBP1050	77789	11[illegible]
MBP11	61303	11[illegible]
MBP196	65152	11[illegible]
MBP196H	450142	11[illegible]
MBP209	437318	11[illegible]
MBP210	421335	11[illegible]
MBP4H	75567	11[illegible]
MBPX-8N	26042	11[illegible]
MCM7	85233	11[illegible]
MCM8	33626	11[illegible]
MCNB242	75198	11[illegible]
MFNB12	97198	11[illegible]
MFNB29	67011	11[illegible]
MFNB47	66985	11[illegible]
MFNB47H	425173	11[illegible]
MFNB57	66993	11[illegible]
MFNB57H	418182	11[illegible]
MH15	45591	17[illegible]
MKNB-1	43034	11[illegible]
MKNB-12	39187	11[illegible]
MKNB-12H	410187	11[illegible]
MKNB-14	39796	11[illegible]
MKNB-15	75765	11[illegible]
MKNB-15H	430019	11[illegible]
MKNB-17	65155	11[illegible]
MKNB-17H	65681	11[illegible]
MKNB-24L	483346	11[illegible]
MKNB-25A	428391	11[illegible]
MKNB-25L	490324	11[illegible]
MKNB-26N	413312	11[illegible]
MKNB-3A	82837	11[illegible]
MKNB-4	18016	11[illegible]
MKNB-5A	19137	11[illegible]
MKNB-6	94802	11[illegible]
MKNB-7	43195	11[illegible]
MKNB-7A	63487	11[illegible]
MKNB-9	62973	11[illegible]
MMPA1200	66887	11[illegible]
MMPA1400H	491163	11[illegible]
MP8PA10	46116	17[illegible]
MPE4593	41946	11[illegible]
MPE4824	93553	11[illegible]
MPE7144	53911	11[illegible]
MPE8148	86577	11[illegible]
MPE9628	12041	11[illegible]
MSL 20	79455	1[illegible]
MSL15	65278	1[illegible]
MSP1100	35017	1[illegible]
MTOPB100	455388	1[illegible]
MTOPB100H	420358	1[illegible]

N

NARDA Microwave Corp.

Mfg. Part Number	SKU	Page
21847700	424163	1[illegible]
2244/90.31	440312	1[illegible]
2362-2	68140	1[illegible]
8865	438180	1[illegible]
A8860	486049	1[illegible]
A8861	498004	1[illegible]
A8862	413007	1[illegible]

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g. Part Number	SKU	Page
N 2250/52	78159	1645
N 2251/02	436052	1645
N 2251/72	411047	1645
N 2251/90.50	473189	1645

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USERPACK	472335	1228
PIN	430397	1228
APPINGSOFTWARE2	440350	1228
1903	452341	1228
OWERCORD	438146	1228
MPPROBE	429117	1228

yMar

5-12-20A	86753	598
5-12-8	18185	598
5-24-10	97214	598
-24-6 1	40241	1221
0-A	99967	1715
12-30RM	18867	596
48-8RM	35485	596
12-10	47111	1220
12-15	85504	1220
12-25	33897	1220
12-3	60325	1219
12-35	72290	1220
12-50	10961	1220
12-6	98718	1220
24-15	431163	1220
24-25	452356	1219
12-18 ISP	32648	1221
12-6 ISP	84255	1221
12-121	19434	1221
12-18-1	57827	1221
12-30 RM	13765	596
12-35 1	96220	1221
12-6 1	71041	1221
24-15RM	83825	596
12-18 ISP	31399	1221
12-6 ISP	44613	1221
A	69792	1715
C-12-25	25730	610
C-12-8	77337	610
-10/AQ-8	80948	1197
-2L	56578	1197
-2R	94971	1197
-12-16	417177	607
-24-8	486190	607
48-4	437125	607
S-19/23	499125	607
201	43360	68
T-10	467311	596
T-20A	66412	596
C-12-15	55329	609
C-12-35	80508	609
C-24-15	93722	609
12-40	451154	594
24-22	451187	594
48-11	432192	594
12-30	67608	609
12-75	85074	609
24-20	16001	609
24-50	58646	609
48-30	97039	609
48-200	36616	609
S24-100	473369	592
S48-50	458382	592
12	14461	1716
3-S	412371	592
4-S	441373	592
12-20	61554	1716
-10	66471	596

Mfg. Part Number	SKU	Page
PBA-100	66497	596
PBA-15	482035	596
PBA-20	440000	596
PBA-30	420098	596
PBA-40	486071	596
PBA-5	66443	596
PBA-50	66492	596
PBA-75	423076	596
PC-10	67294	1715
PC-25	22940	1715
PFM-400	475053	594
PM-12-40	20295	593
PM-12-70	32260	593
PM-24-20	70653	593
PM-24-35	57439	593
PM-48-10	82618	593
PM-48-18	31011	593
POWER-PAC 7AH	62709	594
POWERPAC 14AH	11102	594
PT-24-20 CE	72035	610
PT-40 CE	61386	610
PT-60	448169	610
PT-60F	466160	610
RCS	81753	68
RPS 24-20	483004	594
RPS 24-35	495087	594
RPS 48-10	425065	594
RPS 48-18	427021	594
SPRING CLIP	30146	1174
UFP-5	453342	592
UGF-1	457394	592
UGF-10	479304	592
UGF-15	473328	592
UGF-3	435314	592
UGF-5	430343	592
UR24-3	483329	592
UR48-3	450320	592
URS	494390	592

Nicholson

03632	26183	1565
21467	35413	1566
21474	89837	1566
21520	13051	1566
21524	64658	1566
22015	26265	1566
62826	495169	1565
62839	431177	1565
80176	411164	1566
80965	73806	1565
81161	78979	1521
81167	27372	1521
81317	52551	1521
81432	90944	1521
MP12718	437375	1565
MP12724	441318	1565
MS12718	437391	1565
MS12724	457382	1565

Nite Ize

NBX-07-01	422375	720, 727, 755, 769, 773, 787, 791, 805, 809, 812, 814, 821, 832, 842, 845, 893, 927, 933, 999, 1014, 1025, 1028, 1069, 1073, 1078, 1082, 1089, 1092, 1125, 1130, 1132, 1134
NBX-07-03	482355	720, 727, 755, 769, 773, 787, 791, 805, 809, 812, 814, 821, 832, 842, 845, 893, 927, 933, 999, 1014, 1025, 1028, 1069, 1074, 1078, 1082, 1089, 1092, 1126, 1130, 1133, 1134
NBX-07-04	424372	720, 727, 755, 769, 773, 787, 791, 805, 809, 812, 814, 821, 832, 842, 845, 893, 927, 933, 999, 1014, 1025, 1028, 1069, 1074, 1078, 1082, 1089, 1092, 1126, 1130, 1132, 1134
NBX-07-28	467363	720, 727, 755, 769, 773, 787, 791, 805, 809, 812, 814, 821, 832, 842, 845, 893, 927, 933, 999, 1014, 1025, 1028, 1069, 1074, 1078, 1082, 1089, 1092, 1126, 1130, 1133, 1134
NPB-09	468350	1226
NPQ-07	496381	1226

Mfg. Part Number	SKU	Page
SUGPS-07-01	447350	1628
SULP-07-01	474377	937, 947, 949, 959, 962, 1102
SUMP-07-01	437345	720, 727, 754, 769, 787, 791, 805, 809, 812, 814, 821, 832, 845, 893, 933, 999, 1014, 1069, 1073, 1078, 1081, 1125, 1129, 1132, 1134
SUPDA-07-01	415302	1226
SUSP-07-01	475394	773, 841, 927, 1025, 1028, 1089, 1092

Nokia

0080438	475176	1003, 1038, 1053, 1061, 1073
0273052	423159	1003, 1038, 1053, 1061, 1069, 1073
0273476	497131	1101
424135/12264	489356	1000, 1016
469024/12264	462112	1006
496046/12264	472191	1086
ACP-12U	466345	1013, 1020, 1024, 1028, 1053, 1069, 1072, 1077, 1081, 1084, 1088, 1094, 1098, 1101
ACP-7E	480381	1003, 1013, 1020, 1028, 1038, 1053, 1061, 1069, 1072, 1077, 1088
ACP-7U	12531	998, 1003, 1013, 1020, 1024, 1028, 1038, 1053, 1061, 1072, 1077, 1088
ACP-8E	486358	1003, 1013, 1020, 1028, 1038, 1053, 1061, 1069, 1072, 1077, 1088
ACP-8U	471158	998, 1003, 1013, 1020, 1024, 1061, 1069, 1072, 1077, 1084, 1088, 1092, 1098, 1101
AXR-2	86748	1039, 1055, 1063
BCH-10	12552	1149
BCH-12P	473381	1025
BCH-12U	17654	1003, 1039, 1054, 1062, 1149
BHF-1	471351	1025, 1082, 1144
BHF-2	424355	1000, 1144
BLB-2	412028	1071, 1076, 1083, 1087, 1093, 1097
BLB-3	434074	1071, 1083, 1087
BLC-1	418354	1026
BLC-2	410093	998, 1007, 1017, 1024, 1026
BLD-3	447351	1080
BLL-3	421116	1101
BLS-2N	17671	1001, 1030, 1045, 1059
BLS-4	419030	1001, 1030, 1045, 1059
BMC-3	483079	998, 1007, 1017
BMS-2S	432080	1001, 1030, 1045, 1059, 1068
BMS-2V	17658	1001, 1030, 1045, 1059
BPS-1	470073	1001, 1030, 1045, 1059
BPS-2	427169	1001, 1030, 1045, 1059, 1068
CARK-109	469102	1102
CARK-112	456379	1069
CARK-120	79026	1085
CARK-124	88946	1095
CARK-125	456099	1000, 1015, 1021, 1029
CARK-128	478199	1015, 1022
CARK-130	421166	1079, 1099
CARK-132	491188	1079, 1099
CARK-133	467187	1015
CARK-134	445310	1000, 1015, 1029
CARK-141	435367	1090, 1095
CARK-142	444388	1025
CARK-91H	76032	1004, 1039, 1055, 1063, 1070, 1074
CARK-91US	18531	1004, 1039, 1054, 1063, 1070, 1074
CBC-3	475083	1062
CBL-8	477008	1062
CBM-12	473108	1013
CBU-3	488150	1078, 1099
CMD-2	419318	1102, 1139
CSF-1	489188	1038, 1053
CSH-1	477073	1084
CSH-3	460057	1078, 1095, 1099
CSH-7	443093	1021
CSL-1	17626	1003, 1038, 1053
CSL-10	497064	1095
CSL-12	432095	1013, 1021
CSL-17	433194	1069, 1073
CSL-18	485173	1078, 1099
CSL-1B	441016	1003, 1038
CSL-20	459136	999, 1013, 1021
CSL-21	494378	1073, 1078, 1099
CSL-22	466304	1089
CSL-23	417306	1081, 1089
CSL-24	479316	1013, 1021
CSL-25	497238	1101
CSL-26	473254	1102
CSL-27	457384	1069, 1073
CSL-28	446355	1092
CSL-29	465348	1028
CSL-30	490325	1025
CSL-31	463316	1025, 1028
CSL-35	418343	1025, 1028
CSL-4	17639	1062
CSL-4B	441124	1062
CSM-10	441163	1078, 1099
CSM-10S	458160	1078, 1099
CSM-19W	448190	1078, 1099
CSM-2	435056	1014, 1021
CSM-3	497091	1014, 1021
CSM-4M	456089	1021
CSM-6	438349	999
CSY-4	467194	1003, 1038, 1053, 1062
DATA SUITE 3	313691	1066, 1139
DAU-9P	17282	1043, 1058, 1066, 1139
DCD-1	434192	1078, 1098
DCH-10	448229	1101
DCH-8	422198	1003, 1038, 1053, 1061, 1073
DCH-9	96566	1003, 1038, 1053, 1061
DCV-10	495079	1013, 1020, 1028
DCV-11	84300	1084
DCV-14	445347	1081
DCV-15	416365	1024
DCV-1B	84302	1094
DDC-1	458042	998, 1013, 1020, 1024, 1028, 1072, 1078,

Mfg. Part Number Index

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Manufacturer / Mfg. Part Number Index

Mfg. Part Number	SKU	Page
1084, 1092, 1094, 1098		
DKU-5	493327	1026, 1139
DKU-6	483326	1070, 1075, 1139
DLR-2L	423259	1102, 1139
DLR-3P	466015	1006, 1070, 1075, 1139
DTS-64	462123	1102, 1139
HDA-8	411167	1005, 1041, 1056, 1064, 1070, 1074, 1145
HDA-9	449369	1000, 1029, 1145
HDB-4	420363	1025, 1082, 1144
HDB-5	443374	1015, 1022, 1029, 1079, 1086, 1090, 1096, 1099, 1144
HDC-10	425341	1144
HDC-5	498000	1015, 1022, 1029, 1086, 1090, 1092, 1096, 1099, 1144
HDC-8L	419143	1102, 1144
HDC-8S	474228	1102, 1144
HDC-9K	46328	1005, 1041, 1056, 1064, 1144
HDC-9P	61519	1004, 1041, 1056, 1064, 1070, 1074, 1144
HDD-1	430359	1079, 1090, 1092, 1096, 1099, 1144
HDS-1	467141	1004, 1041, 1056, 1064, 1070, 1074, 1144
HDE-2	461199	1015, 1022, 1029, 1079, 1086, 1090, 1092, 1096, 1099, 1144
KS-3	434346	1082, 1144
MW-2	450379	1070, 1141
MG-2 BULK	86394	1004, 1039, 1054, 1062, 1069, 1074
MHC-2	483087	1391
MHC-4	460045	1391
HS-10	418335	1025, 1144
HS-5	419322	1025, 1144
HSU-1	19402	1004, 1040, 1070, 1074
KTA-2	447099	1031, 1046
LCH-9	12634998	1002, 1007, 1017, 1024, 1026, 1031, 1046, 1060, 1068, 1071, 1076, 1083, 1087, 1091, 1093, 1097, 1101
LPS-1	53969	1005, 1041, 1056, 1064, 1074, 1096, 1145
LPS-3	70381	1015, 1022, 1029, 1070, 1079, 1086, 1090, 1096, 1099, 1145
LPS-4	437360	1082, 1144
MBC-1	70464	1006, 1043, 1058, 1066, 1071, 1075, 1391
MBC-17	449304	1024, 1148
MBC-6	430139	1001, 1016, 1023, 1030, 1391
MBD-10	498186	1080, 1100, 1391
MBD-11	487353	1090, 1391
MBL-2	26912	1391
MBS-15S	448343	1148
MBT-9	28603	1391
MCC-1 BULK	87764	1039, 1055, 1063
MKE-1	36943	1392
MKU-1	33690	1392
PCH-4J	71434	1039, 1054, 1063
PPH-1	499161	1021
PPH-3	454371	1085
SKB-2	935861	097, 1391
SKB-3	441003	1085, 1149
SKH-260	71565	1060
SKH-261	33172	1060
SKH-266	215501	031, 1046
SKH-268	983361	031, 1046
SKH-275	45249	1031
SKH-287	61201	1031
SKH-295	466891	031, 1046
SKH-297	334751	031, 1046
SKH-385	443059	1031
SKH-405	615401	031, 1046
SKH-420	481020	1031, 1046
SKH-421	421004	1031
SKH-422	430012	1031, 1046
SKH-423	471084	1093
SKH-425	495040	1093
SKH-537	469088	1047
SKH-538	417043	1047
SKH-540	474086	1047
SKH-541	417031	1047
SKH-542	443000	1047
SKH-543	466097	1047
SKH-544	418046	1047
SKH-545	445061	1047
SKH-557	486056	1032
SKH-569	464061	1032
SKH-598	463336	1031
SKH-598	493004	1093
SKH-606	485006	1093
SKH-609	434001	1093
SKH-610	434024	1093
SKH-611	451016	1093
SKH-613	479061	1002
SKH-614	491044	1002
SKH-615	435060	1002
SKH-616	475048	1002
SKH-617	479057	1002
SKH-618	455037	1002
SKH-644	483309	1027
SKH-646	489369	1027
SKH-648	477372	1091
SKH-649	472317	1092
SKH-650	477347	1092
SKH-651	483399	1092
SKH-661	476385	1024
SKH-662	446391	1024
SKR-105	471144	1008
SKR-107	416180	1008
SKR-138	412197	1098
SKR-139	479178	1098
SKR-140	464195	1098
SKR-141	429192	1098
SKR-142	417176	1098
SKR-143	488173	1098
SKR-144	474161	1009
SKR-145	472138	1009
SKR-146	479199	1009
SKR-147	453157	1009
SKR-149	499188	1008
SKR-150	447141	1008
SKR-151	481182	1008
SKR-152	437127	1008
SKR-153	472158	1008
SKR-175	442326	1017
SKR-176	480392	1017
SKR-177	459378	1017
SKR-178	478399	1018
SKR-179	479353	1077
SKR-180	469382	1077
SKR-181	424319	1077
SKR-182	464308	1077
SKR-183	484381	1008
SKR-196	489383	1088
SKR-197	485334	1088
SKR-198	466334	1088
SKR-199	415354	1088
SKR-201	428318	1027
SKR-202	449307	1027
SKR-209	446321	1027
SKR-210	438372	1027
SKR-212	422354	1027
SKR-218	479328	1027
SKR-24	430059	1018
SKR-243	444386	1080
SKR-247	435364	1080
SKR-251	449361	1080
SKR-26	496015	1017
SKR-266	461348	1008
SKR-267	433381	1008
SKR-268	488396	1008
SKR-269	474382	1008
SKR-318	492362	1024
SKR-319	457343	1024
SKR-320	461337	1024
SKR-321	444329	1024
SKR-322	484339	1024
SKR-44	471059	1017
SKR-45	440056	1017
SKR-46	440067	1017
SKR-59	439165	1017
SKR-60	442125	1017
SKR-62	470159	1017
SKR-70	471106	1008
SKR-71	480105	1008
SKR-72	486189	1008
SKR-73	488177	1008
SKR-74	433187	1008
SKR-77	454172	1008
SKR-78	484168	1008
SKR-89	448116	1008
SKR-90	468131	1017
Nokia BroadBand		
A032	445088	679
C110	447091	679
C111	451011	679
C910	482008	679
C950	450064	679
C960	476008	679
C961	460074	679
C962	410002	679
NBB-4000-01	481115	674
NBB-4000-03	444119	674
NBB-4000-03/4100	417119	674
NBB-4000-03/4102	439193	674
NCB0301	433105	674
NCB0302	435145	674
P022/A032/C110	495130	679
P022/A032/C110/30	445135	679
P022/A032/C110/50	435135	679
SMART CARD	494086	679
Nokia M2M		
0046500	417341	709
0069360	414397	709
0080497	459304	709
0080536	424324	709
0080537	445308	709
Nokia RoofTop		
11-02-0016	452146	675
JUMP START KIT I	444128	675
R240	493135	675
R240A	471191	675
WRTT38510.01	423104	675
WRTT38511.01	456120	675
WRTT38540.01	410129	675
WRTT38580.01	445118	675
WRTT38583.02	467100	675
WRTT38583.03	421186	675
WRTT38587.01	424157	675
WRTT38590.01	421130	675
North Safety Products		
12-39-10	496370	163
122004-10	466342	163
122010-10	449309	163
123924-10	483383	163
280205	476327	163
280250	432344	163
284200	481325	163
284240	435308	163
284300	469396	163
4015	422334	163
4200L	452390	164
4200M	422387	164
4200S	425313	164
42N95	451385	164
452XL	421305	164
453XL	468360	164
45L	482321	164
45XL	490330	164
70/6465NK	483336	164
7130N95	420344	164
7140N95	493347	164
85/3729L	413397	164
85/3729M	473339	164
A29SPR010000	447385	164
A29SPR020000	451301	164
A29SPR150000	477334	164
A49R010000	454372	164
A49R020000	417367	164
A49R150000	442347	164
A79R010000	413331	164
A79R020000	447317	164
A79R150000	413316	164
CT3RE8/300N	448337	164
CT3RE9/300N	490387	164
CT3YE1/300N	470398	164
CT3YE2/300N	473365	164
EM2261	412311	163
EM2266	476312	163
EM4155	412332	163
EM4157	412357	163
EM7195	476323	163
EM7209	430357	163
EO11B-10	450367	164
EO11B-11	415331	164
EO11B-12	479324	164
EO11B-8	434373	164
EO11B-9	448354	164
EO14B-10	484318	164
EO14B-11	438317	164
EO14B-12	498316	164
EO14B-8	452307	164
EO14B-9	412390	164
FAB10P	482339	163
FAB25P	456371	163
FP722/2DP	448361	163
FP722/2DPXL	492339	163
FP722/4DP	481368	163
FP722/4DPXL	419320	163
FPD29819/6	422398	163
FPD698/1DP	419365	163
FPD698/1DPXL	432327	163
FPD698/3DGP	442323	163
FPD698/3DGPXL	448319	163
K511M	450322	163
LP10-10	422340	163
LP10-11	480354	163
LP10-12	452370	163
LP10-8	445321	163
LP10-9	424367	163
LP3S-10	499390	163
LP3S-11	467331	163
LP3S-12	441344	163
LP3S-8	420361	163
LP3S-9	466339	163
LPG10-10	453348	163
LPG10-11	416323	163
LPG10-12	471347	163
LPG10-8	416326	163
LPG10-9	469367	163
LPG3S-10	439341	163
LPG3S-11	435358	163
LPG3S-12	425353	163
LPG3S-8	492344	163
LPG3S-9	488351	163
SS54	468300	163
SS55B	483301	163

The Nokia M2M platform consists of the Nokia 31 GSM connectivity terminals and gateway software.

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fg. Part Number	SKU	Page
1025T	410329	1631
56005B	488312	1631
56005BS	484303	1631
56005BTCG	435310	1631
V55RS/1S	475356	1644
V55RS/1SLY	480334	1644
VL20BLUE	490312	1641
VL20RED	426324	1641
VL20XLBLUE	479309	1641
VL20XLRED	454306	1641
VL4	446379	1641
rthern Tech.		
ND STRAP	15694	556
WS 1910DIN	32197	547
WS 860DIN	79608	547
WS 860N	41215	547
WS 920DIN	94894	547
WS 920N	78359	547
I-M66	48383	556
ID-M66	86776	556
IDS	11773	557
CS 20P6-R	12336	554
CS D2	34047	644
CS RJ11	49433	557
CS RJ45	87826	557
CS RS 232-25	73363	556
CS T1S	83377	557
CS-CP-1B	35893	548
LP-2	68566	558
LP-M66	99990	556
MC-25	10714	558
P America		
S34BL10MLED	424317	1646
S34BL20LLED	428351	1646
S34BL3XLLED	479381	1646
S34GR10-M330	14335	1646
S34GR20L330	52728	1646
S34GR30XL330	91121	1646
V34BL10MUSA	53977	1645
V34BL10SUSA	16833	1645
V34BL20LUSA	92370	1645
V34BL3XLUSA	40763	1645
D34BL20L000	27549	1646
D34BL20M000	79156	1646
D34BL3XL000	65942	1646
. White Co.		
226	495364	1658
359	453364	1658
363	85153	1658
367	427399	1658
367	71346	1658
369	466373	1659
392	45339	1658
393	437350	1658
394	418324	1658
449	498346	1659
015	483311	1659
300	473338	1659
900-4 GF	451333	1658
900GF	456354	1658
400	461375	1659
400-5	446389	1659
739	416309	1659
139	430318	1659
020	19858	1661
739	461327	1659
139	471306	1659
139	58132	1658
139-UV	448374	1659
400-4GF	424368	1658
400-4GF-BL	419394	1658
400EZ-GF	80896	1658
400GF	493389	1658
400GF-BL	494346	1658
38-G	458339	1659
001	421381	1661
ILC-B	449341	1658
ILC-W	473390	1658
ISC-B	417310	1658
ISC-W	410320	1658
IXLC-B	425373	1658
DMXLC-W	429354	1658
TKMZ-73	498121	1659
TKSS-40	451322	1661
TKSZ	473359	1660
TKSZ-A	464364	1660
TKSZ-D	486313	1660
TKSZ-F	453311	1660
TKSZ-FAF	471341	1660
TKSZ-LF	460360	1660
TKTZ-A	457395	1661
TKTZ-D	430393	1661
TKVZ-A	421397	1661
O.K. Industries, Inc.		
G100/R3278	79737	1612
G100/R3394CT	431381	1612
G200/R3278	41344	1612
HW-224LH	48711	1614
HW-UW-224	47462	1614
HW-UW-26	85855	1614
KB224	42665	1613
OK-3907-26	59832	1614
OK2426	84532	1613
P2224	29451	1612
P2426	32925	1612
PUW2226	427349	1612
R24W-0100	87955	1614
R28W-0100	35099	1614
R30W-0100	73492	1614
SU2026	65274	1612
UWD120-120	35497	1614
WSU-2224	11036	1614
Optical Cable		
BX012-100K-W-P	57973	654
BX012-120K-W-PB	57977	654
BX012-125D-W-R	57899	655
BX024-130K-W-PB	57988	654
BX024-175D-W-R	57905	655
BX04-060K-W-P	57906	654
BX04-070K-W-PB	57933	654
BX06-070K-W-P	57948	654
BX06-090K-W-PB	57960	654
BX06-095D-W-R	57894	654
DX024-070K-W-P	58045	655
DX024-085D-W-R	57997	655
DX024-085D-W-R	58030	655
Optimum Fiberoptics		
5S01CMCTMC001MO	444392	656
5S01CMCTMC003MO	432378	656
5S01CMCTMC005MO	488355	656
5S01TMCTMC001MO	463318	656
5S01TMCTMC003MO	435355	655
5S01TMCTMC005MO	454355	656
5Z02CMCTMC001MO	497380	656
5Z02CMCTMC003MO	426327	656
5Z02CMCTMC005MO	414306	656
5Z02TMCTMC001MO	427357	655
5Z02TMCTMC003MO	490394	656
5Z02TMCTMC005MO	479342	656
6S01CMCCMC001MO	31390	657
6S01CMCCMC003MO	485306	657
6S01CMCCMC005MO	453305	657
6S01CMCTMC001MO	484399	656
6S01CMCTMC003MO	429350	656
6S01CMCTMC005MO	465392	656
6S01TMCCMC001M	31427	657
6S01TMCTMC001MO	31246	655
6S01TMCTMC003M	445307	656
6S01TMCTMC003MO	474340	656
6S01TMCTMC005MO	436342	656
6Z02CMCCMC001M	31634	657
6Z02CMCCMC003MO	481342	657
6Z02CMCTMC001MO	449320	656
6Z02CMCTMC003MO	455363	656
6Z02CMCTMC005MO	446385	656
6Z02TMCCMC001M	31528	657
6Z02TMCTMC001MO	31615	655
6Z02TMCTMC003MO	463387	656
6Z02TMCTMC005MO	499387	656
9S01CPCCPC001M	31420	657
9S01CPCCPC005M	441029	657
9S01CUCTUC001MY	424326	656
9S01CUCTUC003MY	456185	656
9S01CUCTUC005MY	417396	656
9S01FPCFCPC0010M	62357	657
9S01FPCFCPC003M	62339	657
9S01FPCFCPC005M	62340	657
9S01TPCTPC001M	31295	655
9S01TUCTUC001MY	412338	655
9S01TUCTUC003MY	415372	655
9S01TUCTUC005MY	425337	655
9V01CUCCUC001F	57650	657
9V01CUCCUC002F	57673	657
9Z02CACCAC002M	61000	657
9Z02CPCCPC001M	31670	657
9Z02CUCFUC002MY	431336	1459
9Z02CUCTUC001MY	447353	656
9Z02CUCTUC003MY	436317	656
9Z02CUCTUC005MY	454302	656
9Z02TPCTPC001M	31632	655
9Z02TUCTUC001MY	441361	656
9Z02TUCTUC003MY	463363	656
9Z02TUCTUC005MY	474378	656
Optoelectronics, Inc.		
CD100	14377	1488
CUB	49073	1488
DB32	46393	1490
MI	70995	1488
OPTOLINX	76552	1490
RD27	70516	1490
RD800	18909	1490
P		
PACE		
1121-0213-P25	18052	1687
1121-0214-P25	94838	1687
1121-0215-P25	81624	1687
1121-0216-P25	30017	1687
1121-0217-P25	16803	1687
1121-0253-P5	41982	1687
1121-0254-P5	28768	1687
1121-0255-P5	15554	1687
1121-0336-P5	48752	1684
1121-0337-P5	97861	1684
1121-0342-P5	61441	1687
1121-0357-P5	22324	1684
1121-0358-P5	46254	1684
1121-0360-P5	59468	1684
1121-0363-P5	72682	1684
1121-0367-P5	87869	1687
1121-0368-P5	48227	1687
1121-0369-P5	14830	1687
1121-0371-P1	15029	1687
1121-0391-P1	58219	1684
1121-0414-P5	21075	1684
1121-0494-P5	46978	1687
1121-0501-P5	431096	1684
1121-0502-P5	488089	1684
1121-0503-P5	420016	1684
1121-0504-P5	448057	1684
1121-0505-P5	21799	1687
1121-0517-P1	29293	1683
1121-0563-P5	71433	1684
1121-0624-P5	36273	1687
1121-0626-P5	45411	1687
1121-0627-P5	441075	1687
1121-0629-P5	45377	1687
1121-0630-P5	91110	1687
1121-0639-P5	430031	1684
1121-0678-P5	91124	1687
1121-0679-P5	45379	1687
1121-0680-P5	422068	1687
1121-0681-P5	481061	1687
1121-0690-P5	484047	1687
1127-0002-P5	77352	1680
1127-0006-P5	62889	1680
1127-0014-P5	37710	1680
1265-0009-P1	45928	1680
1265-0010-P1	40306	1680
1309-0018-P10	35212	1680
1309-0018-P50	88068	1680
1309-0027-P10	85570	1680
1309-0027-P50	20749	1680
1309-0028-P1	98784	1680
1309-0054-P10	77379	1680
1309-0054-P100	77307	1680
1348-0547-P10	19500	1680
6010-0074-P1	18251	1680
6010-0078-P1	42181	1679
6010-0080-P1	83072	1680
6010-0086-P1	17002	1680
6010-0106	77291	1680
6993-0199-P1	74641	1680
6993-0236-P1	484337	1680
7023-0002-P1	19280	1680
7025-0001-P1	31245	1680
8007-0206	47105	1673
8007-0309	94679	1675
8007-0311	33907	1675
8007-0315	27496	1674
8007-0319	47574	1674
8007-0333	85967	1674
8007-0335	38433	1674
8007-0371	485329	1674
8007-0379	455383	1674
8884-0920	47906	1661
MBT201A	33891	1673
Paladin		
1255	460047	1555
1317	472115	1543
1366	445183	1543
1587	422194	1550
1588	485156	1550
1617	77176	1543
1649	421146	1546
1753	461143	1601
1754	488151	1601
1755	438196	1601
2653	449327	1543
2656	473324	1543
3526.2	499151	1622
3527	418183	1622
3528	467147	1622
3560	438164	1622
3561	421161	1622
3570	467178	1622
3571	466170	1622
3581	455136	1622
4527	422195	1622
4528	481172	1622
4571	434105	1622
4572	416118	1622
4573	446128	1622
8000	452118	1542
901013	431394	1543
901014	72466	1552
901016	434182	1552
901039	497179	1550
901053	48485	1529
901066	481161	1450
901378	438170	1550
901383	415108	1551
AM25	39519	1553
CST-V&RJO	63427	1555
PA1256	493119	1555
PA1539	96635	1453
PA1539R	45028	1552
PA1665	45758	1546
PA1700	83421	1677
PA2712	30565	1677
PC CABLE-CHECK	33146	1453
Panasonic		
OEB-RS210	472006	1139
PanaVise		
201	76663	1666
300	90314	1666
301	85593	1666
303	33986	1667
305	72379	1666
308	20772	1666
311	59165	1667
312	97558	1666
315	45951	1667
322	42271	1386
326-12	84344	1389
326-6	71130	1389
327-12	57916	1389
327-6	44702	1389
328	31488	1389
343	18274	1666
352	56667	1666
366	95060	1667
371	43453	1667

V = New Listing. Pricing for reference only.
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Manufacturer / Mfg. Part Number Index

Mfg. Part Number	SKU	Page
376	81846	1667
380	30239	1666
381	68632	1666
627-06	499187	1387
627-06SF	489144	1387
627-09	455166	1387
651-IDTS	439181	1394
675-BASE	441146	1394
675-BT	454158	1394
675-DF	457123	1394
675-TOP	497102	1394
685-PM	421113	1394
685-S	490156	1394
685-TS	453161	1394
686	436358	1394
687	465181	1394
697-12	436165	1388
697-14	412112	1388
701	48915	1392
702	81302	1392
703	16481	1392
704	54874	1391
709	496121	1393
716-06	36074	1386
716-06	73743	1386
716-06SF	74467	1386
716-06SFB	22860	1386
716-09	61253	1386
716-09	99646	1386
716-09SF	33576	1386
716-09SF	85183	1386
717-06	48039	1386
717-06B	86432	1386
717-06SF	34825	1386
717-06SFB	73218	1386
717-09	21611	1386
717-09SF	98397	1386
726-04	17025	1385
726-04SF	83903	1385
726-06	93811	1385
726-06/24PK	21327	1385
726-06SF	10776	1385
726-06SF	38881	1385
726-09	42204	1385
726-09SF	67032	1385
726-12	55418	1385
727-04	80597	1385
727-04SF	42525	1385
727-04SF	61109	1386
727-06	67383	1386
727-06-SF	83015	1386
727-06-SF/ 24 PK	77274	1386
727-06/24PK	59720	1386
727-09	15776	1386
727-09-SF	40926	1386
727-09/24 PK	41758	1386
727-12	28990	1386
727-12/24 PK	80151	1386
730-06	92562	1390
730-09	40955	1390
730-12	54169	1390
744	20489	1389
745	79348	1389
75102-196	45382	1378
75102-199	18614	1378
75102-399	68248	1378
75102-499	10303	1378
75102-500	55037	1378
75102-600	17301	1378
75102-602	475130	1378
75103-194	30285	1378
75103-295	76454	1378
75103-397	83775	1378
75103-401	416074	1378
75103-597	41271	1378
75103-599	33822	1378
75103-600	55138	1378
75104-194	54215	1379
75104-195	92608	1379
75104-294	41001	1379
75104-399	88710	1379
75104-499	61681	1379
75104-501	70639	1379
75104-601	490095	1380
75105-101	449061	1379
75105-1200	16641	1379
75105-191	70656	1379
75105-195	79394	1379
75105-196	37218	1379
75105-201	431049	1379
75105-292	99577	1379
75105-299	65699	1379
75105-391	47970	1379
75105-495	27787	1379
75105-502	473264	1379
75105-594	86363	1379
75105-693	34756	1380
75105-795	75611	1379
75105-896	64167	1379
75105-898	419091	1379
75105-996	82123	1380
751051091	33121	1380
751051300	487012	1380
75106-194	27262	1379
75106-299	456181	1383
75106-301	450069	1379
75107-192	73149	1380
75107-202	453038	1380
75107-292	21542	1380
75107-295	24004	1380
75107-393	98328	1380
75107-397	60107	1380
75107-398	38147	1380
75107-399	32573	1380
75107-490	46721	1380
75107-494	85114	1380
75107-499	70966	1382
75107-591	33507	1380
75107-594	20293	1380
75107-596	12560	1380
75107-695	58686	1380
75107-699	97521	1380
75107-793	98500	1380
75107-795	97079	1380
75107-895	83865	1380
75107-G2	70669	1380
751071094	22139	1380
751071195	22031	1380
751071201	474140	1380
751071297	12345	1380
751071395	54747	1380
751071495	16354	1380
751071500	49944	1380
751071600	55111	1380
751071701	486068	1380
751071803	460391	1380
75108-100	96141	1378
75108-196	54535	1378
75108-297	93406	1378
75108-395	12039	1378
75108-397	34836	1378
75108-595	88825	1378
75108-597	63531	1378
75109-296	54446	1379
75109-394	47318	1379
75109-397	79664	1379
75109-399	41038	1379
75109-501	430181	1379
75109-597	37812	1379
75109-600	80839	1379
75109-699	84773	1379
75109-703	455343	1379
75110-194	55464	1379
75110-293	93857	1379
75110-394	42250	1379
75110-495	80643	1379
75110-695	67429	1379
75110-794	88209	1379
75110-795	97238	1379
75110-895	23388	1379
75110-995	61781	1379
751101095	10174	1379
751101195	48567	1379
751101395	33539	1379
751101401	499079	1379
751101597	12773	1379
751101699	50317	1379
751101700	19355	1379
751101799	76216	1379
751102002	480062	1379
75112-195	34104	1379
75112-299	90878	1379
75112-301	413005	1380
75112-397	66027	1380
75112-402	464040	1380
75113-101	75155	1383
75113-195	40476	1383
75113-294	72497	1383
75113-395	20890	1383
75113-495	87576	1383
75113-595	29267	1383
75113-698	72998	1383
75113-799	39271	1383
75113-802	448141	1383
75113-899	41082	1383
75114-100	21326	1383
75114-195	39227	1383
75114-295	64406	1383
75114-296	46444	1383
75114-495	37978	1383
75114-496	10257	1383
75114-593	59283	1383
75114-696	67660	1383
75114-701	93371	1383
75114-901	468056	1383
75115-195	97676	1383
75115-200	45434	1383
75115-302	448324	1383
75116-196	98322	1378
75116-200	448039	1378
75116-301	480044	1378
75116-402	494164	1378
75116-502	461156	1378
75117-190	57437	1380
75117-194	37921	1380
75117-295	51487	1380
75117-302	424249	1380
75117-399	57007	1380
75117-401	426131	1380
75117-499	21836	1380
75117-599	60229	1381
75117-601	486035	1380
75117-700	20484	1380
75117-703	418303	1380
75117-800	93390	1381
75117-903	436329	1381
75118-299	87690	1381
75118-399	41078	1381
75118-501	439152	1381
75118-601	499160	1381
75119-193	95830	1381
75119-198	52813	1381
75119-296	71514	1381
75119-300	68411	1378
75119-398	40212	1378
75119-498	427079	1378
75119-502	456290	1381
75120-100	16339	1381
75120-201	436070	1381
75120-302	480162	1381
75121-196	93140	1380
75122-196	427075	1381
75122-201	418067	1381
75122-295	17795	1381
75122-296	24707	1381
75122-301	466009	1381
75122-397	76205	1381
75122-402	428090	1381
75123-101	424177	1381
75123-199	68756	1381
75123-299	34834	1381
75123-301	421048	1381
75123-401	479028	1381
75123-502	443133	1381
75124-103	488383	1382
75124-194	56188	1382
75124-195	46069	1382
75124-196	81540	1382
75124-295	70234	1381
75124-296	91206	1381
75124-303	452394	1382
75124-398	39599	1381
75124-498	12153	1381
75124-501	492061	1381
75125-194	496048	1380
75125-195	32258	1380
75125-395	49183	1382
75125-399	19359	1382
75125-499	79472	138
75126-103	494349	138
75126-196	38273	138
75126-296	89880	138
75126-302	441116	138
75127-194	29760	138
75127-199	41799	138
75127-201	430028	138
75127-294	68153	138
75127-299	66258	138
75127-495	61864	138
75127-695	57347	138
75127-699	21620	138
75127-799	88939	138
75127-801	492079	138
75128-195	30305	138
75128-297	95740	138
75128-300	480011	138
75128-398	51996	138
75128-403	431321	138
75128-494	432319	138
75128-496	31324	138
75128-500	41266	138
75128-699	12370	138
75128-799	12308	138
75128-801	477380	138
75128-899	55034	138
75128-901	410148	138
75129-195	35353	138
75129-199	59001	138
75129-297	70498	138
75129-398	77664	138
75129-498	11120	138
75129-499	49513	138
75129-599	31320	138
75129-601	55104	138
75129-702	432166	138
75130-200	70655	138
75130-296	24720	138
75130-394	63113	138
75130-399	16356	138
75130-400	493062	138
75130-402	469397	138
75131-101	80904	138
75131-195	41725	138
75131-197	41999	138
75131-202	444141	138
75131-295	28511	138
75131-299	80192	138
75131-395	66904	138
75131-396	90389	138
75131-400	45445	138
75131-494	53690	138
75131-497	79880	138
75131-596	60421	138
75131-696	58300	138
75131-702	433114	138
75131-799	41124	138
75131-800	92956	138
75131-899	46222	138
75132-198	16335	138
75133-100	55058	138
75133-200	70643	138
75134-196	25774	138
75134-202	498159	138
75134-298	43545	138
75134-300	45458	138
75135-299	10904	138
75135-399	50415	138
75136-194	86960	138
75136-200	451147	138
75136-202	412160	138
75136-297	18954	138
75136-396	49899	138
75136-495	86556	138
75136-597	50738	138
75136-699	34605	138
75136-701	449073	138
75136-801	453023	138
75137-102	482151	138
75137-192	63157	138
75137-195	25956	138
75137-197	93153	138
75137-200	20317	138
75137-292	49943	138
75137-395	88336	138

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Mfg. Part Number	SKU	Page
5137-397	76666	1383
5137-503	429315	1383
5137-595	62397	1383
5137-599	13402	1383
5137-600	40188	1383
5137-696	48650	1383
5137-793	63452	1384
5137-801	446070	1384
5137-896	25059	1384
5137-995	23349	1384
5137-999	90188	1384
51371099	76974	1384
51371101	25367	1384
51371299	85192	1384
51371300	57748	1384
51371400	50437	1383
51371500	417074	1384
51371601	419073	1383
51371703	416235	1384
51371802	494366	1384
5138-194	11384	1384
5138-197	69717	1384
5138-200	55055	1384
5138-201	422019	1384
5138-299	20371	1384
5138-399	97157	1384
5138-499	32336	1384
5139-101	70668	1384
5139-196	88292	1384
5139-295	36685	1384
5139-399	96738	1384
5139-501	93396	1384
5140-101	474198	1383
5140-199	54293	1383
5141-199	96145	1380
5141-299	63760	1380
5141-301	486145	1380
5141-401	456146	1380
5142-299	98622	1381
5142-302	461036	1381
5142-399	47015	1381
5144-100	20287	1384
5145-101	418301	1381
5145-201	477365	1381
5146-102	443346	1382
0	27741	1390
5	94216	1390
6	91950	1390
7-04	77499	1390
7-05	77502	1390
8	481024	1390
9	494000	1390
7	50511	1393
7-RK	70391	1393
2-06	98257	1387
2-08	33436	1387
2-08	58615	1387
2-10	71829	1387
2-10	97008	1387
2-12	20222	1387
7-10	30371	1387
7-12	68764	1387
7-14	17157	1387
9	448341	1394
7-06	41094	668
0-06	38347	1365
0-09	91542	1365
1-06	26721	1365
1-09	13507	1365

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1-IDU	442319	692
1-IDU	490372	692
1-110	437379	691
ATM-IDU	412359	692
CONPLB-405	458333	691
ET-IDU(FIBER)	410318	691
ET-IDU(RJ45)	462339	691
FET-IDU(FIBER)	443370	691
FET-IDU(RJ45)	442368	691
GIGE-IDU	428383	691
LM-2000(232)	484386	692
LM-2000(485)	463385	692
PL-155/1TX	439396	691
PL-155/1TXPD	480344	691
PL-155/3TX	487397	691
PL-1G/1TX	477379	691
PL-1G/3TX	444361	691
PL-622/1TX	419389	691
PL-622/3TX	453358	691
PLMB-305	461332	691
PMB-205	472362	691
SCWL	453326	691
SNMP	498380	692
T1-IDU	471377	692
T3-IDU	437349	692
WMB-105	465394	691

Pelican Products

1400	43973	1538
1400	95580	1538
1450	22342	1538
1500	60735	1538
1550 BLACK	29800	1538
1550 ORANGE	69152	1538
1600	84312	1538
1610	458314	1538
1650	15389	1538
1900C	33937	1656
1900C	42724	1656
1900C	60365	1656
1950-BLACK	37912	1656
2250	33130	1656
2600CS	73176	1656
4000MS	19916	1657

Phazar Antenna Company

ISM180240014TON	423370	231
ISM90240017TON	415300	233
ISM90240019TON	421380	234

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M1000 BLUETOOTH 418347 1146

M110 36909 721,724, 727, 729, 733, 738, 751, 788, 792, 796, 801, 806, 815, 818, 821, 825, 836, 839, 842, 845, 873, 876, 879, 882, 888, 893, 898, 901, 906, 912, 917, 924, 928, 931, 934, 937, 941, 945, 947, 950, 955, 959, 963, 967, 1041, 1056, 1064, 1107, 1115, 1118, 1120, 1122, 1145

M114 36926 721,724, 727, 729, 733, 738, 751, 788, 792, 796, 801, 806, 815, 818, 821, 826, 836, 839, 842, 845, 873, 876, 879, 882, 888, 894, 898, 901, 906, 912, 917, 924, 928, 934, 937, 941, 945, 947, 950, 955, 959, 963, 967, 1041, 1056, 1064, 1107, 1116, 1118, 1120, 1122, 1145

M120 36954 721,724, 727, 730, 733, 738, 751, 788, 792, 796, 801, 806, 815, 818, 822, 826, 837, 839, 842, 845, 873, 877, 879, 883, 888, 894, 898, 902, 907, 912, 918, 924, 928, 934, 937, 941, 945, 947, 950, 955, 959, 963, 967, 1041, 1056, 1065, 1108, 1116, 1118, 1121, 1122, 1145

M123-N2 437119 1005, 1041, 1065, 1145

M124 36981 721,724, 727, 730, 733, 738, 751, 788, 792, 796, 801, 806, 815, 818, 822, 826, 837, 839, 842, 845, 873, 877, 879, 883, 888, 894, 898, 902, 907, 912, 918, 924, 928, 931, 934, 937, 941, 945, 947, 950, 955, 959, 963, 967, 1041, 1056, 1065, 1108, 1116, 1118, 1121, 1123, 1145

M130 32055 721,724, 728, 730, 733, 738, 788, 792, 796, 801, 806, 815, 818, 822, 826, 837, 839, 842, 845, 873, 877, 879, 883, 888, 894, 898, 902, 907, 912, 918, 924, 928, 931, 934, 937, 942, 945, 947, 950, 955, 959, 963, 968, 1108, 1116, 1118, 1121, 1123, 1145

M133-N1 475183 1022, 1086, 1096, 1145

M133-N2 476150 1005, 1042, 1065, 1145

M135/BLUE 433174721,724, 728, 730, 733, 738, 788, 792, 797, 801, 806, 815, 818, 822, 826, 837, 840, 843, 846, 873, 877, 879, 883, 888, 894, 898, 902, 907, 912, 918, 924, 928, 934, 937, 942, 945, 947, 950, 955, 959, 963, 968, 1108, 1116, 1118, 1121, 1123, 1145

M135/ESPRESSO 497082721,724, 728, 730, 733, 738, 788, 792, 797, 801, 806, 815, 819, 822, 826, 837, 840, 843, 846, 873, 877, 879, 883, 888, 894, 898, 902, 907, 912, 918, 924, 928, 934, 937, 942, 945, 947, 950, 955, 960, 963, 968, 1108, 1116, 1118, 1121, 1123, 1145

M140/CHARCOAL 37000 721,724, 728, 730, 733, 738, 752, 788, 792, 797, 801, 806, 815, 819, 822, 826, 837, 840, 843, 846, 873, 877, 879, 883, 888, 894, 898, 902, 907, 912, 918, 924, 929, 935, 938, 942, 945, 948, 951, 955, 960, 963, 968, 1042, 1056, 1065, 1108, 1116, 1118, 1121, 1123, 1145

M140/SILVER 467122721,724, 728, 730, 733, 738, 788, 792, 797, 801, 806, 815, 819, 822, 826, 837, 840, 843, 846, 873, 877, 879, 883, 888, 894, 898, 902, 907, 912, 918, 924, 929, 935, 938, 942, 945, 948, 951, 955, 960, 963, 968, 1108, 1116, 1118, 1121, 1123, 1145

M143-N1 490113 1022, 1096, 1100, 1145

M143-N2 462144 1005, 1042, 1065, 1145

M145 37004 721,724, 728, 730, 733, 738, 752, 788, 792, 797, 801, 806, 815, 819, 822, 826, 837, 840, 843, 846, 873, 877, 879, 883, 888, 894, 898, 902, 907, 912, 918, 924, 929, 935, 938, 942, 945, 948, 951, 955, 960, 963, 968, 1042, 1056, 1065, 1108, 1116, 1118, 1121, 1123, 1145

M1500 BLUETOOTH 467353722,725, 728, 730, 734, 738, 788, 792, 797, 802, 807, 815, 819, 822, 826, 837, 840, 843, 846, 873, 877, 879, 883, 888, 894, 899, 902, 907, 913, 918, 924, 929, 935, 938, 942, 945, 948, 951, 956, 960, 963, 968, 1108, 1116, 1118, 1121, 1123, 1146

M170 37022 722,724, 728, 730, 733, 738, 752, 788, 792, 797, 802, 806, 815, 819, 822, 826, 837, 840, 843, 846, 873, 877, 879, 883, 888, 894, 899, 902, 907, 913, 918, 924, 929, 935, 938, 942, 945, 948, 951, 956, 960, 963, 968, 1042, 1057, 1065, 1108, 1116, 1118, 1121, 1123, 1146

M175 37030 722,724, 728, 730, 733, 738, 752, 788, 792, 797, 802, 806, 815, 819, 822, 826, 837, 840, 843, 846, 873, 877, 879, 883, 888, 894, 899, 902, 907, 913, 918, 924, 929, 935, 938, 942, 945, 948, 951, 956, 960, 963, 968, 1042, 1057, 1065, 1108, 1116, 1118, 1121, 1123, 1146

M205 437114721,724, 728, 730, 733, 738, 752, 788, 792, 797, 802, 806, 815, 819, 822, 826, 837, 840, 843, 846, 873, 877, 879, 883, 888, 894, 899, 902, 907, 912, 918, 924, 929, 931, 935, 938, 942, 945, 948, 951, 955, 960, 963, 968, 1042, 1057, 1065, 1108, 1116, 1118, 1121, 1123, 1146

M206-N1 450124 1022, 1086, 1096, 1146

M206-N2 488139 1005, 1042, 1065, 1145

MX100 410379721,724, 728, 730, 733, 738, 788, 792, 797, 802, 806, 815, 819, 822, 826, 837, 840, 843, 846, 873, 877, 879, 883, 888, 894, 899, 902, 907, 912, 918, 924, 929, 931, 935, 938, 942, 945, 948, 951, 955, 960, 963, 968, 1108, 1116, 1118, 1121, 1123, 1145

MX103-N1 486383 1022, 1086, 1096, 1145

MX103-N2 453376 1005, 1042, 1065, 1146

WTA-ER700	23800	752, 1145
WTA-NK610	75407	1042, 1057, 1065, 1145

Platt Luggage

107	73326	1537
1412	64161	1538
1414	15497	1538
1416	74636	1538
1419	73506	1538
1425	50947	1538
1426	89340	1538
181307	73558	1538
2007	13188	1538
207	73342	1537
2207	73542	1538
221609	24519	1538
221609H	84186	1539
2407	62912	1538
2807	73545	1538
282009	73630	1538
282011AH	98982	1539
307	73364	1537
349T-SGSH	73964	1535
359T-SGSH	19365	1535
369TH-SGSH	73971	1536
407	73393	1537
507	73400	1537
601ZT	11305	1532
607	73407	1537
641ZT	88091	1532
660ZT	36484	1532
669ZT	11077	1532
685ZT	42543	1532
689ZT	70972	1532
691ZT	11075	1532
747T-CB	74009	1535
800T	74877	1534
800T-CUSTOM	53910	1534
918T-CB	73825	1534
920T-CB	73889	1534
976T-CB	73924	1534
978T-CB	73945	1534
CART01	55828	1540
CART07	92972	1541
CART08	28151	1540
CART13	74172	1541
CART14	74186	1541
PALLET G	21144	1536
PALLET H	59537	1537
SC3119	454004	1532

Plumb

11415	34816	1601
11494	51362	1601
11649	69982	1601
11889	486389	1601

Plus

01-80372A78	51273	1338
25/MB8U14	41442	1355
A1281A-06	64487	1335
GB8PST	60740	1358
GB8U	87168	1358
GB8UM	35561	1357
GB8UN	73954	1358
GB8UT	22347	1358
MB814	38059	1355
MB8U14	36810	1355

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Manufacturer / Mfg. Part Number Index

Mfg. Part Number	SKU	Page
MB8UM14	11631	1354
MB8X	38038	1355
TM341458AU	76452	1354
TPM8003A	12880	1338

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Mfg. Part Number	SKU	Page
1.5" CU STRAP/25	61110	575
1.5" CU STRAP/50	99503	575
1.5" CU STRAP/75	47896	575
1.5CUSTRAP/100	22717	575
10C-112S	59353	559
1C-112S	33089	559
25P10GB	89141	556
3"CU STR/100	86289	575
3.0" CU STRAP/25	21468	575
3.0" CU STRAP/50	73075	575
3.0" CU STRAP/75	34682	575
58R-112S	24278	559
5PB-M	71696	515
5PEEP-M	71734	515
6.0" CU STRAP/25	85040	575
6.0" CU STRAP/50	46647	575
6.0" CU STRAP/75	98254	575
6.0CUSTRAP/100	59861	575
8PB-M	65266	515
8PEEP-M	57183	515
8PEP	89283	515
8F ADAPTER	38195	559
CCK	79899	1701
CU-SPGP	92469	515
DGXJ+15NFNF	475398	550
DGXZ+06NFNM	417383	550
DGXZ+15NFNF	440389	550
DSX	476012	551
DSX-D	450040	552
DSX-D-MA	473021	552
DSX-MA	472094	552
DSX-ME	469002	552
GSIE-12	64037	515
GSIE-8	77251	515
IS-12VDC50ANG	21822	555
IS-17VDC50ANG	39109	555
IS-3T1	60215	557
IS-50NX-C0	47001	547
IS-50NX-C0-MA	81410	547
IS-50NX-C1	85394	547
IS-50NX-C1-MA	33787	547
IS-50NX-C1-ME	72180	547
IS-50NX-C2	20573	547
IS-50NX-C2-MA	58966	547
IS-50NX-C2-ME	97359	547
IS-50NXCOME	44012	547
IS-50UX-C0	84145	547
IS-50UX-C0-MA	88650	547
IS-50UX-C1	70931	547
IS-50UX-C1-MA	19324	547
IS-50UX-C1-ME	57717	547
IS-6PDDL	44503	556
IS-6PTL	82896	557
IS-6PXL	77464	557
IS-75BB+/-1.5	73706	556
IS-75BB+/-18	97674	556
IS-75BB+/-6	90098	556
IS-75F-C1	18075	556
IS-B50HN-C0	81647	546
IS-B50HN-C1	30040	546
IS-B50HN-C1-MA	86199	546
IS-B50HN-C2	43254	546
IS-B50HN-C2-MA	68433	547
IS-B50HN-C2-ME	16826	547
IS-B50HU-C0	93612	546
IS-B50HU-C1	55219	546
IS-B50HU-C1-MA	80398	546
IS-B50HU-C1-ME	28791	546
IS-B50LN-C0	15577	546
IS-B50LN-C0-ME	19684	546
IS-B50LN-C1	53970	546
IS-B50LN-C1-ME	92363	546
IS-B50LN-C2	67184	546
IS-B50LN-C2-MA	40756	546
IS-B50LU-C0	65935	546
IS-B50LU-C0-MA	11106	546
IS-B50LU-C1	27542	546
IS-B50LU-C1-MA	14328	546
IS-B50LU-C1-ME	52721	546
IS-CF50HN	86290	549
IS-CF50HN-MA	61939	550
IS-CS50HN	43503	550
IS-CS50HN-B	68695	549
IS-CS50HN-MA	90910	550
IS-CT50HD	77525	550
IS-CT50HN	26293	550
IS-CT50HN-B	64686	549
IS-CT50HN-MA	51472	550
IS-CT50HN-ME	89865	550
IS-DB75F	84158	553
IS-DC50LN+15	63437	551
IS-DC50LNZ+15	50223	550
IS-DC50LNZ+20	19513	550
IS-DPDDL	48974	556
IS-DPHSD	22743	558
IS-DPTL	87367	557
IS-DPXL	35760	557
IS-GC50LN+15	74153	551
IS-GF50LN	22546	550
IS-GF50LN-MA	60939	550
IS-GF50LN-ME	96542	550
IS-IE50LN-C2	57019	547
IS-MH50LN	21297	551
IS-MH50LN-MA	59690	551
IS-ML50LN	98083	551
IS-ML50LN-MA	65656	551
IS-MPT-17	84869	556
IS-MPT-200	46476	556
IS-MPT-24	72542	556
IS-MPT-75	71655	556
IS-MR50LN	67286	551
IS-MR50LNZ+15	93929	552
IS-MR50LNZ+6	42322	552
IS-MR50MDZ+15	81256	551
IS-MR50MDZ-ME	20906	551
IS-MT50LN	58441	551
IS-MT50LN-MA	98244	551
IS-MU50LN	81856	551
IS-NEMP-C0	96834	549
IS-NEMP-C1	45227	549
IS-NEMP-C2	32013	549
IS-NEMP-C2-MA	18799	549
IS-NEMP-C2-ME	70406	549
IS-PF50HN	33434	550
IS-PF50HN-MA	46085	550
IS-PM120-SP	43978	554
IS-PM208-3Y	13803	554
IS-PM240-BP	37043	554
IS-PM240-SP	73264	554
IS-PSP-120	30764	554
IS-PSP-240	69157	554
IS-PT50HD	26356	550
IS-PT50HD-MA	75612	550
IS-PT50HN	17550	550
IS-PT50HN-B	55943	549
IS-PT50HN-MA	95420	550
IS-PT50HN-ME	43161	550
IS-SB75F	70872	553
IS-SPDDL	81122	556
IS-SPHSD	14220	556
IS-SPTL	29515	557
IS-SPXL	67908	557
IS-T1	16301	557
IS-UT50HN	93087	550
IS-UT50HN-B	41480	549
IS-UT50HN-MA	68467	550
IS-VU50HN	79873	549
IS-VU50HN-MA	22326	549
IS48VDC50APG	50456	555
ISB50LNCOMA	62713	546
ISCS50HNBMA	17088	549
ISCT50HNBMA	36285	549
ISDC50LNZ15MA	37009	550
ISMR50LNZ15MA	58341	552
ISMR50MDZMA	72513	551
ISMSRP12-20A	52744	555
ISMSRP12015A	20048	555
ISPLDO12020A	33906	554
ISPLDO24015A	46565	554
ISPT50HNBMA	36120	549
ISUT50HNBME	50710	549
J1	66659	559
J2	15052	559
LCU2.4	479063	551
LCU2.4ME	459100	551
LSC12	54251	558
LSX	89284	552
MDS+24FF	452364	551
MM50MDZ+15	66403	552
MM50MDZ+15-MA	422157	552
MM50MDZ+6	66400	552
MM50MNZ+15	66390	552
MM50MNZ+6	66312	552
MSC-3	67498	560
PLDO-120US15A	95585	554
PSX	85020	552
PSX-DN	31487	552
PSX-MA	61736	552
PSX-ME	75092	552
RGT	70924	549
RGT-KIT-GASTUBE	89567	549
RGT-ME	89475	549
TK1	52196	559
TK2	90589	559
TK3	38982	559
TK4	77375	559
UNI-KIT 2CC	28803	459
UNI-KIT 2CT	63823	459
UNI-KIT 2TC	67196	459
UNI-KIT 2TT	15589	459
WK-1	24981	559

Pomona Electronics

Mfg. Part Number	SKU	Page
1269	476199	1416
1366-C-48	427198	1416
1367-C-60	422177	1416
2249-C-36	427196	1416
2249-C-72	417199	1416
2798	427119	1440
2885	487178	1416
3352N-A-60	492164	1439
3789	482135	1416
4277-C-60	417135	1416
4279-96	467190	1440
4279N-60	443145	1440
4280N-60	442144	1440
4524-C-60	459149	1416
4528-K-60	432183	1416
4531-C-60	435189	1416
4719A	436119	1440
4812N-J-60	472131	1440
4935-BB-60	468151	1416
4970	469183	1416
4993	468163	1440
5019N-60	454199	1440
5026N-60	494146	1440
5058-X-60	495186	1416
5145	496132	1440
5187-K-24	445195	1416
5187-K-60	436150	1416
5343-C-60	453142	1416
5697-72	455173	1416
6253-60	494171	1416
6315	474171	1440
6316-96	484132	1440
6319-96	491111	1440
6320-96	433126	1440
6331-96	418165	1440
6339-72	441123	1440

Powertel

Mfg. Part Number	SKU	Page
61517	61517	1148
N9009	54745	1734
N9022	66204	1148
N9026	32064	1148
N9026	88027	1148
V-501	20099	1148
Y ADAPTER	94647	1148

Prime Finish

Mfg. Part Number	SKU	Page
10000	414109	1034
1049		
10001	440115	1033
1048		
10002	418146	1034
1049		
10003	491156	1034
1049		
10004	499113	1033
1048		
10005	442107	1033
1048		
10006	466141	1033
1048		
10007	446156	1033
1048		
10008	466104	1033
1048		
10010	457104	1033
1048		
10011	415101	1033
1048		
10012	456107	1033
1048		
10013	469109	1033
1048		
10014	458104	1033
1048		
10015	484106	1033
1048		
10016	498100	1033
1048		
10017	468124	1033
1048		
10018	462104	1033
1048		
10019	441111	1033
1048		
10020	463140	1033
1048		
10021	465135	1034
1049		
10022	448139	1034
1049		
10023	459184	1034
1049		
10024	455175	1034
1049		
10025	429169	1034
1049		
10026	468181	1034
1049		
10027	472119	1033
1048		
10029	440109	1035
1050		
10030	465121	1034
1049		
10031	430102	1035
1050		
10032	420141	1033
1052		
10033	417100	1033
1052		
10035	465108	1034
1051		
10036	448103	1034
1052		
10038	494103	1034
1051		
10039	461108	1033
1052		
10040	460105	1034
1052		
10041	472121	1034
1052		
10042	428113	1034
1051		
10044	416138	1033
1048		
10048	412101	1033
1051		
10049	454117	1033
1052		
10050	452168	1033
1052		

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Mfg. Part Number	SKU	Page
0051	494116	1037,
1052		
0052	486113	1037,
1052		
0053	466107	1037,
1052		
0056	420146	1036,
1051		
0057	425116	1036,
1052		
0059	470108	1036,
1052		
0060	436174	1036,
1052		
0062	445139	1037,
1052		
0063	422128	1037,
1052		
0064	415102	1037,
1052		
0065	418130	1037,
1052		
0067	484124	1036,
1052		
0069	446104	1036,
1051		
0073	468313	1050
0075	452120	1037,
1052		
0083	433332	1049
0087	498385	1050
0089	463335	1050
0090	421334	1049
0092	493335	1050
0093	487327	1050
0095	459347	1050
0219	468111	1008
0223	486176	1008
0224	422190	1008
0225	478155	1008
0226	424189	1008
0227	488184	1008
0232	472330	1008
0300	423116	1020
0301	410142	1020
0302	494159	1020
0303	431184	1020
0304	498125	1020
0305	450144	1020
0306	469158	1020
0307	410123	1020
0308	483179	1020
0309	437183	1020
0310	468147	1020
0311	485197	1020
0312	438143	1020
0318	474101	1020
0320	461129	1020
0322	452114	1020
100	472358	795
102	448395	795
103	423335	795
104	453352	795
105	471396	795
106	453390	795
107	467390	795
108	449333	795
109	458332	795
110	432379	795
111	487389	795
H-311	417184	1034,
1050		
H-312	412111	1035,
1050		
H-313	493190	1035,
1050		
H-316	433144	1035,
1050		
H-317	431134	1035,
1050		
H-345	457174	1036,
1051		
H-364	421143	1036,
1051		
H-365	445199	1036,
1051		

Mfg. Part Number	SKU	Page
SKH-367	435160	1036,
1051		
SKH-368	496178	1035,
1050		
SKH-369	430189	1035,
1050		
SKH-370	446194	1035,
1050		
SKH-372	439176	1035,
1050		
SKH-374	469147	1035,
1050		
SKH-375	431105	1036,
1051		
SKH-376	495128	1036,
1051		
SKH-377	491165	1035,
1051		
SKH-379	480187	1035,
1051		
SKH-380	423191	1035,
1050		
SKH-382	435183	1036,
1051		
SKH-383	467130	1035,
1051		
SKH-388	492183	1035,
1050		
SKH-390	441102	1036,
1051		
SKH-391	493170	1036,
1051		
SKH-392	416131	1035,
1050		
SKH-395	479112	1035,
1050		
SKH-396	494169	1036,
1051		
SKH-406	476179	1036,
1051		
SKH-411	463196	1035,
1050		
SKH-414	459173	1036,
1051		
SKH-415	494151	1035,
1050		
SKH-417	456161	1035,
1050		
SKH-418	438187	1036,
1051		
SKH-419	481195	1036,
1051		
SKH-435	436111	1035,
1050		
SKH-436	435192	1035,
1050		
SKH-437	491143	1035,
1050		
SKH-438	485170	1035,
1050		
SKH-439	437196	1036,
1051		
SKH-440	442196	1036,
1051		
SKH-441	440145	1036,
1051		
SKH-442	498126	1036,
1051		
SKH-444	441112	1035,
1050		
SKH-445	484156	1036,
1051		
SKH-446	477106	1035,
1050		
SKH-448	430137	1036,
1051		
SKH-449	430150	1035,
1050		
SKH-450	417188	1035,
1050		
SKH-452	453150	1036,
1051		
SKH-453	450196	1036,
1051		
SKH-455	424127	1036,
1051		

Mfg. Part Number	SKU	Page
SKH-457	475191	1035,
1050		
SKH-458	498195	1035,
1050		
SKH-459	461122	1036,
1051		
SKH-460	414163	1036,
1051		
SKH-462	491191	1036,
1051		
SKH-463	431176	1035,
1050		
SKH-465	478180	1036,
1051		
SKH-466	484164	1036,
1051		
SKH-468	465196	1035,
1050		
SKH-473	499139	1035,
1050		
SKH-474	492186	1035,
1050		
SKH-475	484109	1035,
1050		
SKH-476	461113	1035,
1050		
SKH-477	478125	1035,
1050		
SKH-479	418128	1035,
1051		
SKH-485	489122	1035,
1050		
SKH-487	448133	1036,
1051		
SKH-489	454120	1036,
1051		
SKH-490	422136	1036,
1051		
SKH-492	412154	1034,
1050		
SKH-493	499102	1035,
1050		
SKH-495	494178	1035,
1050		
SKH-497	411124	1035,
1050		
SKH-498	478130	1035,
1050		
SKH-499	431157	1035,
1050		
SKH-500	472190	1035,
1050		
SKH-501	418144	1035,
1051		
SKH-508	437100	1035,
1050		
SKH-510	464102	1035,
1050		
SKH-515	481178	1035,
1051		
SKH-516	426135	1035,
1050		
SKH-518	451182	1035,
1050		
SKH-520	492103	1036,
1051		
SKH-521	462108	1036,
1051		
SKH-522	491166	1035,
1051		
SKH-524	426186	1035,
1050		
SKH-525	429140	1036,
1051		
SKH-526	484141	1036,
1051		
SKH-528	445175	1036,
1051		
SKH-576	490162	1036,
1051		
SKH-577	441104	1035,
1050		
SKH-578	453114	1035,
1051		

Pro Image Sports Mrkting

Mfg. Part Number	SKU	Page
SP03N36	449166	1013
SP03N39	483362	1019
SP03N51	420188	1033,
1048		
SP06N36	427161	1013
SP06N39	442367	1019
SP06N51	452189	1033,
1048		
SP08N36	499341	1013
SP08N39	450327	1019
SP08N51	416379	1048
SP17N36	434125	1013
SP17N39	490331	1019
SP17N51	411177	1033,
1048		
SP18N36	433121	1013
SP18N39	449384	1019
SP18N51	485142	1033,
1048		
SP20N36	460168	1013
SP20N39	458378	1019
SP20N51	423114	1033,
1048		
SP28N36	480195	1013
SP28N39	442357	1019
SP28N51	477171	1033,
1048		
SP29N36	428164	1013
SP29N39	416369	1019
SP29N51	427185	1033,
1048		
SP30N36	461183	1013
SP30N39	475300	1019
SP31N36	479181	1013
SP31N39	442370	1019
SP40N51	455326	1033,
1048		
SP88N36	498187	1013
SP88N39	451367	1019
SP88N51	459186	1033,
1048		
SP99N36	463194	1013
SP99N39	451304	1019
SP99N51	469110	1033,
1048		

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AC5191	60935	1373
AC5292	99328	1373
AC5394	56240	1373
AC5496	65598	1373
AC5499	19122	1373
AC5596	31499	1373
AC5697	23497	1373
AU5292	47721	1373
AU5298	59496	1373
AU5393	43026	1373
AU5400	413068	1373
AU5496	74308	1373
AU5499	28043	1373
BC-100	488088	1150
BC-200	444085	1150
BC-300	475022	1150
BK5000	31232	1373
BK5092	66181	1373
BK5095	35915	1373
BK5195	64730	1373
BK5296	88699	1373
BK5298	57305	1373
BK5397	61094	1373
BK5497	18912	1373
BM5092	90077	1373
BM5096	31292	1373

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Manufacturer / Mfg. Part Number Index

Mfg. Part Number	SKU	Page
BM5099	62367	1373
BM5189	38470	1373
BM5197	97889	1373
BM5296	20341	1373
BM5299	66436	1373
BM7001	494029	1373
CD5100	73717	1374
CD5187	86114	1373
CD5196	99017	1373
CD5292	29727	1373
CD5296	22701	1373
CD5394	41125	1373
CD5497	43350	1373
CD5598	54058	1373
CD5603	498392	1373
CV5092	27788	1373
CV5094	25088	1373
CV5192	26337	1373
CV5201	442191	1373
CV5297	68529	1373
CV5397	15004	1373
CV5495	18823	1373
CV5500	474097	1374
CV7099	22340	1374
CV7187	72900	1373
CV7195	83961	1373
CV7199	20921	1374
CV7387	34507	1374
CV7494	27911	1374
CV7695	26305	1374
CV7698	93090	1374
CV7702	458050	1375
CV9037	81419	1373
CV9096	66526	1373
CV9187	36746	1373
CV9197	53397	1373
CV9292	91446	1373
CV9300	73704	1374
CV9397	69892	1374
DG5093	35790	1374
DG5097	85803	1374
DG5098	64325	1374
DG5194	95340	1374
DG5199	62066	1374
DG5290	29812	1374
DG5392	41777	1374
DG5401	416070	1374
DG5495	10392	1374
DG5501	464019	1374
DG5595	60695	1374
DG5600	85912	1374
DG5695	89909	1374
DG5798	18108	1374
DG7002	459197	1374
DG7094	82126	1374
DG7098	31347	1374
DG7101	457098	1374
DG7192	40528	1374
DG7198	28104	1374
DG9098	34305	1374
DG9101	467079	1374
DG9187	21293	1374
DG9191	59686	1374
DG9194	30519	1374
DG9196	57888	1374
DG9201	439078	1374
DM1022	46901	1615
DM2022	62187	1615
DM3022	30541	1611
DM4022	429247	1615
EX1370	479088	1390
FO5292	88828	1374
FO5493	64698	1375
FO5500	17234	1375
FO5587	98079	1375
FO5592	46942	1375
FO5596	39839	1375
FO5689	74183	1375
FO5694	16598	1375
FO5699	44737	1376
FO5794	91229	1374
FO5895	39551	1374
FO5900	30887	1374
FO7090	46472	1374
FO7102	431069	1374
FO7195	85257	1374
FO7487	84865	1374
FO7492	33258	1374
FO7499	44536	1374
FO7601	438034	1374
FO9001	458003	1374
FO9092	68205	1374
FO9097	46864	1374
FO9195	57976	1375
FO9198	94288	1375
FO9199	96344	1375
FO9293	76646	1374
FR3089CARD	18453	1375
FR3197CARD	58095	1375
GE5097	59735	1375
GE7097	15131	1374
GPS2	78926	1391
HO5090	21492	1375
HO5094	68912	1375
HO5098	60451	1375
HO5197	98128	1375
HO5201	453132	1375
HO5299	425008	1375
HY5097	36974	1375
HY5197	75367	1375
HY5297	23760	1375
HY5397	98844	1375
IF5102	411180	1375
IF5191	59885	1375
IF5194	31460	1375
IF5197	46521	1375
IF5293	69853	1375
IF5399	83130	1375
IZ7093	96369	1375
IZ7096	37054	1375
IZ7193	83155	1375
IZ7196	53524	1375
IZ7198	33068	1375
IZ7201	422104	1375
JG5088	68120	1375
JG5095	81743	1375
JG5098	56501	1375
JG5197	30136	1375
JG5200	21032	1375
JG5302	477162	1375
JP7084	98278	1375
JP7095	99487	1375
JP7192	22576	1375
JP7196	78232	1375
JP7199	66025	1375
JP7297	75447	1375
JP7302	413390	1375
JP7497	91790	1375
KA7099	72698	1375
KW3085CARD	10760	1375
KW3185CARD	49153	1375
KW3297	83195	1375
LC5087	46671	1376
LC5095	28133	1376
LC5098	41318	1376
LC5103	484344	1376
LC5190	16513	1376
LC5195	96281	1376
LC5198	79711	1376
LC5293	17305	1376
LC5297	40183	1376
LC5300	21136	1376
LC7003	456335	1376
LC7098	44561	1376
LR7087	33457	1377
LX5192	97029	1375
LX5201	451053	1376
LX5290	95780	1376
LX5298	51111	1376
LX5392	42924	1376
LX5498	92451	1376
LX7099	35638	1376
MC5084	63649	1376
MC5186	12042	1376
MC5195	91917	1376
MC5201	454198	1376
MC5294	96894	1376
MC5300	16765	1376
MC5397	13137	1376
MC7098	22424	1376
MR5092	54906	1376
MR5096	61758	1375
MR5192	93384	1376
MR5195	83067	1374
MR5295	38302	1376
MR5298	60817	1376
MR9093	55698	1376
MR9096	72589	1376
MR9099	81970	1376
MT5091	94091	1376
MT5097	23840	1376
MT5193	38253	1376
MT5197	78576	1376
MT5199	69048	1376
MT5293	86164	1376
MT7000	414015	1376
MT7092	25039	1376
MT7197	45086	1376
MZ5092	79395	1376
MZ5193	38270	1376
MZ5293	63195	1376
MZ5298	19854	1376
MZ5395	44674	1376
MZ5497	65362	1376
MZ5599	58247	1376
NS5000	21157	1377
NS5089	41692	1376
NS5095	13091	1376
NS5192	80170	1376
NS5198	41483	1376
NS5297	40310	1377
NS7000	469066	1377
NS7094	61890	1377
NS7096	48676	1377
NS7102	448194	1376
NS7198	14416	1376
OL5090	98977	1377
OL5095	92839	1377
OL5097	45033	1377
OL5194	15349	1377
OL5200	483008	1377
OL5295	51484	1377
OL5398	39129	1377
OL5499	31523	1377
OL7602	411000	1377
PB3000	417198	1377
PB3087CARD	39885	1377
PC5091	68103	1377
PS-1324	454079	1043, 1058, 1066, 1392
PT5000	455035	1377
PT5087	81317	1377
PT5092	29710	1377
PT5095	79740	1377
PT5190	42484	1377
PT5194	44762	1377
PT5197	71014	1377
PT5294	31548	1377
PT5397	20982	1377
PT5399	31819	1377
PT5497	62233	1377
PT7000	477077	1377
SB5087	80877	1377
SB5097	10626	1377
ST5091	16496	1377
ST5095	22302	1377
ST5100	413022	1377
SU5096	87412	1377
SU5200	440078	1377
SU5296	78703	1377
SU7098	11795	1377
TY5002	467184	1377
TY5092	54889	1377
TY5097	37092	1377
TY5100	428050	1377
TY5195	41029	1377
TY5297	84914	1377
TY5298	23161	1377
TY5397	27096	1377
TY5497	35805	1378
TY5502	428305	1377
TY5599	17441	1377
TY7090	92135	1377
TY7096	62343	1377
TY7100	21314	1378
TY7194	22311	1377
TY7295	32261	1378
TY7298	23794	1378
TY7301	463040	1378
TY7397	35462	1378
TY7497	74198	1377
TY7498	70212	1377
TY7501	480111	1377
TY9091	57216	1377
TY9198	85996	1378
UL747	28327	761, 775, 895, 899, 914, 925, 932, 1023, 104 1066, 1080, 1097, 1112, 1392
VO3098	83214	1378
VO5187	93282	1378
VO5292	28478	1378
VO5393	14574	1378
VO5498	51530	1378
VO5500	486007	1378
VW5000	16805	1378
VW5094	69941	1378
VW5100	475154	1378
VW5197	22591	1378
VW5198	18605	1378
VW5298	74768	1378

Production Basics

Mfg. Part Number	SKU	Page
1005	88424	164
1010	48782	164
1105	87175	164
1110	35568	164
3005	48708	164
3010	48794	164
3011	48820	164
8303	58592	165
8306	33015	165
8323	23603	165
8326	22354	165
8336	38079	164
8403	61996	165
8413	47533	164
8416	60747	165
8423	44917	165
8426	34624	165
8505	34319	164
8510	21105	164
8605	59498	165
8610	97891	165
8663	71408	165
REFERENCE	449365	164

Progressive Electronics

Mfg. Part Number	SKU	Page
200EP	47788	145
200FP	37481	145
501 TRACKER II	476357	145
508S	456344	145
701K	26345	145
77CS	22609	145
77HP	39559	145
77HP/6A	64738	145
801K	89724	145
AT6A	33117	145
AT8	71510	145
PE945	415008	145

Protek, Inc.

Mfg. Part Number	SKU	Page
3201	82332	140

Proxim

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Mfg. Part Number	SKU	Page
1-PORT INJECTOR	436128	6
12-PORT INJECTOR	420127	6
2002-05	440069	6
2003-05	475004	6
201-31050	22527	6
201-31061	61206	6
201-31070-1	22491	6
201-31072-1	22142	6
201-31073-1	461153	6
201-40100	442137	6

NEW = New Listing. Pricing for reference o
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Mfg. Part Number	SKU	Page
01-9260	59383	694
090-05	482029	695
091-05	418350	695
7400-51A1H	470166	697
7400-51A1L	423354	697
7400-51A2H	432148	696
7400-51A2L	458366	697
7400-51B1H	436199	696
7400-51B2H	491193	697
7400-51C1H	456101	697
7400-51C2H	413125	696
7400-51C2L	471329	697
7710-51A1	22197	695
7710-51A2	22211	695
7710-52A1	442154	695
7710-52A2	482130	695
7710-91A10	53057	694
7710-91A20	54013	694
7720-51A1	93129	695
7720-51A2	93149	696
7750-51A1	424013	695
7750-51A2	462058	695
7750-91A10	446155	694
7750-91A20	461140	694
7900-G1A1	476036	696
7900-G1A2	492057	696
8010-51A1	467316	696
8010-51A2	478326	696
8020-D1A1	430168	695
8020-D1A2	491136	695
01-40100-251	424198	688
01-40100-251	456399	688
01-40100-252	460169	688
01-40100-451	432144	688
01-40100-451	487376	688
01-40100-651	417134	688
01-40100-651	461333	688
01-40400-25	451193	688
01-40400-25	487358	688
01-40400-65	442314	688
01-40400-65	446151	688
000A10	30099	693
000A20	30125	693
000B10	29816	693
000B20	30139	693
000C10	30178	693
000C20	30199	693
145-1FA1	418055	694
145-1FA2	441061	694
145-1FB1	444377	694
145-1FB2	497379	694
145-41A1	22126	695
145-41A2	56929	695
145-41B1	57848	695
145-41B2	57849	695
190-41A1	61248	695
190-41A2	61269	695
250A10	22385	693
250A20	28000	693
250B10	29447	693
250B20	29468	693
350-10A1	461091	693
350-10A2	422050	693
350-10B1	472011	693
350-10B2	499083	693
420-0	70615	694
455-0	59573	694
520-0	70618	694
600-A1	38462	693
600-A2	38465	693
600-B1	30237	693
600-B2	31293	694
650-A10	25396	693
650-A20	25399	693
850-10A1	421090	694
850-10A2	485053	694
850-10B1	453057	694
850-10B2	440048	694
850-10C1	466090	694
850-10C2	482010	694
900-1A10	57442	694
900-1A20	57452	694
900-1C10	57878	694
900-1C20	57884	694
900-1E10	22465	694
900-1E20	57124	694
319501A10	32555	694
319501A20	54042	694
319501C10	35586	694
319501C20	35743	694
319501E10	54061	694
319501E20	54065	694
4240-05	487268	680
4442-05	487257	680
48001-002	486337	696
48001-004	446345	696
4940-05	468264	680
501-40400-ST	426304	688
6-PORT INJECTOR	454107	682
7059	442146	681
7062	465395	681
7063	470353	681
7064	469354	681
7066	459323	681
7110-05	447018	680
7421-05	482093	680
7422-05	430016	680
7423-05	479011	680
7560-05	481082	680
7562-05	461078	681
8110-05	470132	681
8432-05	414097	681
8460-05	410345	677
8570-05	447116	681
8571-05	443119	681
8630-05	447150	681
ACC-40100	454123	690
ACC-5200	468134	690
ACC-5300	498324	690
AP-2000	469364	678
AP-2000	499317	678
AP-2500	435388	678
AP-2500AE	419375	678
AP-500	453193	682
AS-2000	441333	682
BG-2000	415349	682
COR-1100 RTU	450121	690
COR-1100	441155	683
EC	412123	681
EC-S	424173	681
EXTEND RANGE ANT	499304	682
GOLD PC CARD 20PK	430126	677
GOLD PC CARD 5PK	420102	677
GOLD PC CARD	477141	677
ISA ADAPTER	417332	677
MAN-27700-0	61225	696
MAN-27701	61184	694
MAN-31000	61170	694
MAN-31170-0	61210	696
MAN-31900	61189	694
OR-500	488350	683
ORC RTU	477181	690
PCI ADAPTER	437390	677
PHSK-00	414124	681
PHSK-01	491346	681
PIGTAIL - 20"	459161	683
PN4030	476131	681
PN4040	419121	681
PN473A	497164	681
PN474-1	488166	681
PN8584-1	418193	681
POWER SPLITTER	446388	682
PTP KIT	433136	696
RG-1100	499250	682
ROR-1000 RTU	462106	690
SILVER PC CARD	491140	677
SILVER PCCARD20PK	428128	677
USB CLIENT GOLD	433137	682
USB CLIENT GOLD	439112	682
USB CLIENT GOLD	452106	682
USB CLIENT SILVER	445137	682
USB CLIENT SILVER	454133	682

Purcell Systems Inc

Mfg. Part Number	SKU	Page
CABINET LIFT TABS	441013	544
PTMPC	421074	544
RAC	465099	544
RENEGADE LITE	444091	609
RENEGADE	466084	609
UTRAY1915	497096	544

Q

Qualcomm/Kyocera

Mfg. Part Number	SKU	Page
416356/485362	465318	816
419011/492060	495088	827
470077/461169	472100	793, 802, 807
470077/481145	477140	798
TAACA0201	436186	786, 790, 800, 804, 809, 811
TXANT00901	423381	820
TXANT00A01	432356	827
TXANT10001	417317	810
TXANT10001	426306	802
TXANT10001	495393	798
TXANT10003	495308	816
TXBAT00811	445064	785, 789, 799, 803, 808, 810
TXBAT00911	430040	816
TXBAT00A11	459023	823
TXBAT00A21	485057	823
TXBAT0C02	491187	793
TXBAT10002	416390	820
TXBAT10003	443356	813
TXCKT00721	470048	787, 791, 796, 801, 805, 810, 812, 817, 825
TXCKT00A11	77021	825
TXCKT073	484040	787, 791, 796, 801, 806, 810, 812, 814, 818, 825, 1143
TXCKT0C011	438185	796
TXCKT0E011	453163	787, 796, 801, 810
TXCKT10006	458341	814
TXCKT10018	422372	821, 1143
TXCLA00911	450024	816, 823
TXCLA10003	497370	813
TXCLA10004	437325	785, 789, 793, 799, 803
TXDTA038	467186	803, 807, 1139
TXDTA074	419170	798, 803, 807, 1139
TXDTA10011	433383	822, 1139
TXDTA10018	446346	823, 1139
TXDTA10019	433309	1139
TXDTA10020	473084	798, 803, 807, 812, 1139
TXDTA10035	455368	820, 822, 827, 1139
TXDTA10036	482361	820, 822, 827, 1139
TXDTC00911	444010	817
TXDTC00A11	77009	824
TXDTC0C012	457156	795
TXDTC0D011	438163	786, 790, 800, 804, 809, 811, 824
TXDTC10009	497386	820
TXDTC10030	499355	820
TXFPL0C05	497119	794
TXFPL0C06	444169	794
TXFPL0C08	429160	794
TXFPL10001	428187	794
TXFPL10002	464128	794
TXFPL10004	493109	794
TXFPL10019	479147	794
TXFPL10020	437192	794
TXFPL10027	452159	794
TXHDW10007	458389	823, 1139
TXLCC0094	412170	817
TXLCC00A12	422063	824, 1150
TXLCC00A21	456050	824
TXLCC0C01	490199	796, 1149
TXLCC0C02	478120	795
TXLCC0E01	417196	787, 791, 800, 809, 1149
TXLCC10001	480198	786, 790, 800, 805, 809, 811
TXLCC10009	441393	821
TXLCC10015	495333	813
TXTVL00911	77032	817, 824
TXTVL10009	435325	813
TXTVL10010	434380	786, 790, 795, 800, 804, 809, 811, 813, 820

R

RAD

Mfg. Part Number	SKU	Page
DXC-10A-1/UTP/115	15198	669
DXC-M-T1B/C	15378	669
IPMUX-1/AC/T1/UTP	418330	669
KM-2000M-KHS1	28348	669
KM-2000M-KLS1/N	14645	669
KM-2000M-KMLFST85	14683	669
KM-2000M-KVF4/E&M	14825	669
MIC-24/36/F	443358	671
MIC-24/36/M	435360	671
MP-2100M-HS-2	15139	669
MP-2100M-VC-6/E&M	15088	669
MP-2100M-VC-6/FXO	15092	669
MP-2100M-VC-6/FXS	15081	669

Radiall/Larsen

Mfg. Part Number	SKU	Page
A-4	93832	1317
BA	67404	434
BALL-1B	66872	1319
BALL-2B	15265	1319
BALL-3B	53658	1319
BNC	91334	442
BNC-MM-BNC	39727	1362
BNCQ	78120	1329
BSA KIT	38478	68
BSA-150-C	64906	20
BSA-220-C	10663	13
BSA-440-C	51692	43
BSA-45-C	13299	5
BSA-450-C	93457	43
CM-825B-NMO	21915	1337
FB	93672	445
FB1-136	66879	21
FB2-450	91406	42
FB3825	75667	75
FM	55279	445
FME CRIMP	33145	446
FP	80458	446
FSM	81707	445
FT	42065	446
GPSC007	64590	1311
GPSC008	77808	1311
GPSCPC00	436379	1311
GPSCW1501	492366	1311
GPSCW1502	450355	1311
GPSCW2201	414300	1311
GPSCW2202	477310	1311
GPSCW3E8001	445303	1312
GPSCW3E8002	476359	1312
GPSCW3E9001	481309	1312
GPSCW3E9002	422390	1312
GPSCW4501	465326	1311
GPSCW4502	423300	1311
GPSCW8001	477305	1311
GPSCW8002	434343	1311
GPSCW9001	426315	1311
GPSCW9002	415332	1311
GPSDM00	488058	1311
GPSDM11	462328	1311
GPSNMO01	432135	1311
GPSNMO02	450022	1311
GROMMETS	40451	1750
GT COUPLER	15716	1505
HP-34	27237	1320
HP-38	65630	1320
KD14-406	23490	1326
KD14-450	61883	1326
KD14-800	88908	1328
KD2-150	84564	1323
KD2-150-HQ	32957	1323
KD2-150ST	11190	1323
KD2-450	19743	1326
KD4-136-HQ	24087	1324
KD4-142-HQ	62480	1324
KD4-150	95280	1324
KD4-150-ST	43673	1324
KD4-450	55638	1327
KD7-150	27961	1323
KD9-150	39926	1324
KG144UDPL	51891	1254
KG3E825UD	47302	1342
KG3E825UDFME	38095	1343
KG3E825UDMPL	24881	1343
KG3E825UDTNC	63274	1343

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Manufacturer / Mfg. Part Number Index

Mfg. Part Number	SKU	Page
KG3E900UDMPL	36030	1299
KG3E900UDTNC	22816	1299
KG450UDPL	45972	1273
KG5E825UD	55064	1343
KG825UD	52558	1343
KG825UDMPL	85225	1343
KG825UDN	40985	1285
KG825UDTNC	33618	1343
KGB3E825	20342	1343
KGBK3E825	54531	1344
KGCP3EUDFME	68580	1333
KGCP3EUDMPL	81794	1333
KGI825	26079	1341
KGK3E825FME	36846	1343
KGREINSTALL	94429	1352
KGU825UD	90951	1341
KGU825UDMPL	64523	1341
LM K UD TNC	22733	1361
LM-150-BCO	73323	1317
LM-150-C	34930	1247
LM-220-C	21716	1257
LM-450-C	58860	1266
LM-800	84039	1283
LM-B	55740	1361
LM-CAP-B	44397	1319
LM-K	66456	1361
LM-K-DS-PL	61159	1361
LM-K-FME	59122	1361
LM-K-TNC	21517	1361
LM-K-UD	56025	1361
LM-K-UD-N	84593	1361
LM-MM	51993	1361
LM-MM-R	89137	1361
LM-TLP	37530	1361
LM-TMB	75923	1361
LM-UHFBASE-B	55113	1318
LP152NMO	498076	1253
LP154NMO	489070	1253
LP156NMO	427029	1253
LP158NMO	439052	1253
LP160NMO	489079	1253
LP162NMO	492098	1253
LP164NMO	439040	1253
LP167NMO	484015	1253
LP169NMO	466062	1253
LP171NMO	453027	1253
LP174NMO	437051	1253
LP406NMO	447085	1271
LP420NMO	464093	1271
LP450	85836	1274
LP450NMO	68593	1271
LP470NMO	16986	1271
LP490NMO	55379	1271
LP800	85995	1349
LP800NMO	87154	1349
LP800NMOUD	17337	1349
LP800NMOW	19283	1349
LPT406NMO	461066	1271
LPT430NMO	459055	1271
LPT450NMO	31449	1271
LPT470NMO	69842	1271
LPT470NMOW	441051	1271
LPT490NMO	18235	1271
LPT800NMO	56628	1289
LPT900NMO-BLACK	95021	1292
MM3E800FME	40114	1340
MM3E800MPL	23667	1340
MM3E800TNC	30310	1340
MM3E900MPL	42275	1295
MM3E900TNC	15847	1295
MMC/P3EFME	58764	1333
MMC/P3EMPL	10938	1333
MMC/P3ETNC	20354	1333
MPL CRIMP	10364	442
MS-3E-800-FME	40243	1340
MS-3E-800-MPL	98878	1340
MS-3E-900-MPL	66205	1295
MS-3E-900-TNC	14598	1295
MSICA	34501	1279
MSC/P3UFME	88672	1331
MSC/P3USMA	428387	1331
NMO-150-B	91732	1248
NMO-150-BCO	78518	1317
NMO-150-C	80715	1248
NMO-150-C-HW	26911	1247
NMO-150/450-C	18168	1305
NMO-2/70-BCO	30133	1317
NMO-2/70-C	94954	1306
NMO-220-B	13697	1257
NMO-27-B	18693	1237
NMO-27-BCO	95479	1317
NMO-27-C	70300	1236
NMO-30-B	82265	1237
NMO-30-BCO	69051	1317
NMO-30-C	43872	1236
NMO-34-B	55837	1237
NMO-34-BCO	42623	1317
NMO-34-C	17444	1236
NMO-34-C-K	64764	1237
NMO-3E-800B	23495	1280
NMO-3E-825B	36709	1337
NMO-3E-900B	61888	1296
NMO-40-BCO	16195	1317
NMO-40-C	81016	1236
NMO-406-B	77269	1262
NMO-406-C	38876	1262
NMO-40B	29409	1237
NMO-440-C	89234	1262
NMO-450-B	62806	1262
NMO-450-C	29885	1262
NMO-450-C-HW	11199	1266
NMO-470-C	36378	1262
NMO-490	23164	1262
NMO-490-B	61557	1262
NMO-50-B	92981	1237
NMO-50-BCO	79767	1317
NMO-50-C	54588	1236
NMO-5E-825-B	86816	1338
NMO-5T-900-B	65875	1298
NMO-800	99950	1283
NMO-800-B	48343	1283
NMO-900	60308	1297
NMO-B	98701	1357
NMO-CAP-B	85487	1319
NMO-K	20666	1354
NMO-K-DS	16919	1354
NMO-K-DS-PL	55312	1354
NMO-K-FME	36750	1354
NMO-K-MPL	83142	1354
NMO-K-NOCONN	85472	1354
NMO-K-UD	90942	1354
NMO-K-UD-PL	26718	1354
NMO-K-UD-TNC	98349	1354
NMO-MM	57810	1359
NMO-MM-DS-N	44596	1359
NMO-MM-MPL	42852	1359
NMO-MM-R-PL	31382	1358
NMO-Q-800B	79242	1275
NMO-Q-C	41850	1241
NMO-SPEC-800	61596	1279
NMO-SPEC-800B	77993	1279
NMO-TEST-1	26386	1426
NMO-TLM	13172	1360
NMO-TLP	90866	1360
NMO-TMB	38351	1360
NMO-WBQ-C	88709	1243
NMO150/450/800	427126	1303
NMOMMRDSTNC	88705	1358
NMOMMRTNC	39600	1358
NMOMMRUD25NC	69372	1358
NMOQ-B	66028	1241
NMOQ-BASE 1B	54063	1319
NMOQ-SPEC B	91207	1241
NMOQ-SPEC	14421	1241
NMOQSPEC825B	52814	1335
NMOUHFBASEB	63530	1318
NMOWB-150BK	39852	1248
O-NMO-ANT	86211	1318
O-NMO-MNT	47818	1318
OM-150-BCO	31614	1317
OM-150-C-K	23888	1251
OM-440-C-K	443149	1270
OM-450-BCO	37102	1317
OM-450-C-K	68278	1270
OM-825-UD	67561	1350
PA18824N	55010	250
PA2101850N	55551	256
PA4142400N	80189	222
PL259 W/ UG175	67065	439
PO-150-C	33355	1248
PO-450-C	39215	1266
PO-MM	83713	1362
PQ	18892	1329
Q	29934	1241
Q-CONE-100	44071	1319
Q-CONE.073	95678	1319
Q-CONE.073B	17643	1319
Q-CONE.125	30857	1320
Q800	45447	1275
R23042ISM	491302	234
R23044	468329	235
R23044180	449121	231
R2304ISM	437399	231
R2405H460	461322	228
R2405H490	498306	228
R2411	450323	237
R2418R	433329	189
R2424	447333	191
R2424R	412309	191
R380.500.210	423089	226
R380.700.200	478053	210
R445.999.100	475367	546
R445.G00.000	411372	547
R445.G00.000	453343	546
R445.G00.001	429360	546
R5224M	443302	201
RG-NMO-ANT	16394	1318
RG-SS	61675	1318
SB24006	15763	1314
SPDA15832	29166	1330
SPDA171800	454332	1330
SPDA171900	432324	1330
SPDA172400	430370	1329
SPDA17832	29170	1330
SPDA17RP2400	439346	1330
SPDA17RP918	415342	1330
SPDA17RT2400	440347	1330
SPDA17RT918	29171	1330
SPDA241800	415384	1330
SPDA241900	458362	1330
SPDA242400	480309	1329
SPDA24918	421328	1330
SPDA24RP2400	460342	1329
SPDA24RP918	469379	1330
SPDA24RT2400	411361	1329
SPDA24RT918	421387	1330
SPDP242400	482318	1329
SPHL10156	70405	1323
SPHL10167	84741	1323
SPHL14156	91185	1325
SPHL15144	57064	1324
SPHL15152	481067	1324
SPHL15156	95457	1324
SPHL15167	43850	1324
SPHL16140	82243	1324
SPHL16144	30636	1324
SPHL16156	59164	1324
SPHL16167	69029	1324
SPHL17156	40827	1324
SPHL18156	14399	1324
SPHL18167	52792	1324
SPHL21144	56014	1325
SPHL21156	94407	1325
SPHL21167	42800	1325
SPHS10152	32736	1323
SPHS10156	71129	1323
SPHS10420	14924	1326
SPHS10450	64884	1326
SPHS14450	75473	1327
SPHS15156	45099	1324
SPHS15420	65282	1327
SPHS16156	19522	1324
SPHS16167	70278	1324
SPHS21156	29586	1325
SPHS21167	67979	1325
SPHS21450	91909	1327
SPHS24832	459050	1329
SPRING B	52590	1318
SPRING	13896	1318
SPWH10420	69880	1326
SPWH10450	18273	1326
SPWH14832	62259	1328
SPWH15450	77247	1326
SPWH15490	15687	1326
SPWH16420	93810	1326
SPWH16450	42203	1326
SPWH16490	89212	1326
SPWH18450	54168	1327
SPWH18832	72975	1328
SPWH21450	54765	1327
SPWH21832	51018	1329
SPWH23450	27088	1328
SPWH24832	410155	1329
STACKKIT 800	77468	71
STACKKIT PL	25861	71
TMB-34	37826	1320
TMB-34B	76219	1320
TMB-34D	15042	1320
TMB-38	24612	1320
TMB-38B	63005	1320
TMB-58	11398	1320
W-145B	23363	1322
W-155	35328	1322
W-161	98900	1322
W-2/70B	52947	1322
W-200	72472	1321
W-200B	20865	1321
W-490	71223	1321
W-490/.125	44907	1321
W-490/.125B	489177	1321
W-490B	19616	1321
W-540	58009	1321
W-540B	45685	1321
W-640	96402	1321
W-KG-3E-825	48890	1353
YA3-450-PL	94546	65
YA5-800	79441	118
YA5-900	27834	146
YA6800	14620	113

Radio Waves

RADIOWAVES

Radio Waves, Inc., an industry leader i the design and manufacture of micro wave antennas for the fixed wireless ac cess market. The product line include parabolic, flat panel, and sector models

G3-2.4NF	51646	187
G4-2.4NF	51659	188
G6-2.4NF	51671	188
OMN-5H-8	14652	206
PRO-24H-60-14	454118	229
PRO-24H-60-17	445161	237
PRO-24H-90-13	457119	228
PRO-24H-90-16	435110	237
PRO-24V-60-14	479148	230
PRO-24V-90-13	498107	229
PRO-24V-90-16	488141	237
RD-2	66068	238
RD-3	83497	238
RD4	78234	238
RD6	83509	239
SEC-25D-90-13	468385	229
SEC-25H-60-17	492117	23
SEC-25H-60-17HP	431197	23
SEC-25H-90-13	454353	229
SEC-25H-90-16	476138	23
SEC-25V-180-10	481119	22
SEC-25V-180-13	486399	22
SEC-25V-60-14	490329	23
SEC-25V-60-17	494120	23
SEC-2H-5V-60	14360	21
SEC-2V-5H-60	14484	21
SEC-2V-5H-90	14548	21
SEC-55H-60-17	478152	19
SEC-55V-60-17	473045	19
SEC-55V-90-16	443025	20
SEC-5H-90-16	14627	20
SEC-5V-120-16	426021	20
SP1-2.4NS	51680	18
SP1-2/5NS	51781	21
SP1-5.2NS	415001	19
SP1-5.8NS	11296	20
SP2-2.4NS	51681	19
SP2-5.2NS	60471	19
SP2-5.2NS/RD2	85448	19
SP2-5.8NS	13462	20

■ NORTH AMERICA 800-472-7373 ■ FAX 410-527-0005
■ REST OF WORLD +1 410-229-1200 ■ WWW.TESSCO.COM

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Mfg. Part Number	SKU	Page
P3-2.4	51741	191
P3-2/5	14316	214
P3-5.2	490144	197
P3-5.8	13547	210
P4-2.4	51747	192
P4-2/5	14343	214
P4-5.2	60456	209
P4-5.8	13592	209
P6-2.4	51619	193
P6-2/5	14345	215
P6-5.8	13623	209
PD2-2.4NS	51739	190
PD2-5.8NS	13515	207
PD3-2.4	51743	191
PD3-5.8	13553	207
PD4-2.4	51752	193
PD4-5.8	13616	208
PD6-2.4	51628	193
PD6-5.8	13632	207
msey Electronics		
BS-PL10	99026	1479
BS-PL12	85812	1479
BS-PL13	83314	1479
BS-PL20	95279	1480
BS-PL21	43672	1480
BS-PL31	30458	1480
OM-3 TRAVEL CASE	88806	1477
OM-3 W/FCSH	482363	1477
OM-3	34578	1477
AGER PAK #6	476044	1479
AGER PAK #7	84411	1479
AGER PAK 5	477027	1479
E-6400	37087	1480
P-1	12848	1480
SG-1000B	52065	1487
TF-2	95228	1480
TF-4PW	20698	1480
CRM-1	476043	1480
TE-2001	434072	1480
TE-3KBD	82766	1480
TE-3KTD	31159	1480
PGRADE PAK 3	472069	1479
vlink		
P-RAY-LINK-V2	490353	679
A-USB-RAYLINK01	444023	679
A-USB-W-CLIENTRA	445324	687
R-RAY-LINK24020	495004	680
R-RAY-LINK240PT	456005	687
C-ISA-PCMCIA-XX	432024	679
VISP-OUT-OF-BOX	413371	687
VP-APC-CFXAX	471385	686
VP-BDG-CFXAX	414344	687
VP-BDG-DSSS-APHER	486172	686
VP-BDG-DSSS-LER	474176	687
VP-CPE-PI2AS	464377	684
VP-CPE-PI8AS	416363	684
nee Products		
63N	428149	399
63NDUAL/MES	432128	400
63NMES	449133	400
86	411106	400
86MES	442120	400
A244UTP	418188	650
el, Inc		
T1.5M-M	75423	1747
T4S-M	75455	1747
Industries		
R-10C1	63972	447
R-10C1	84999	447
R-20C1	12365	448
R-20C1	33392	447
-4000-026	89277	435
-4000-027	37670	435
-4000-113	419352	435
-4000-114	469383	435
-4000-115	458385	435
-4000-116	459346	435
-4000-117	448385	435
-4000-118	471364	435
-4000-119	440351	435
-4000-120	482397	435
-4000-133	463355	435
PT-4000-134	420394	435
PT-4000-135	464346	435
PT-4000-136	454370	435
PT-4010-030	50884	435
PT4024-BL6	31469	435
RFA-4005	54250	1545
RFA-4005-01	44820	1545
RFA-4005-02	58038	1545
RFA-4005-04	83213	1545
RFA-4005-08	58034	1545
RFA-4005-09	96427	1545
RFA-4005-10	69999	1545
RFA-4005-20	12741	1545
RFA-4005-300	78884	1543
RFA-4006	33713	1545
RFA-4009	416133	1544
RFA-4009-01	427158	1544
RFA-4009-02	466173	1544
RFA-4009-20	448167	1544
RFA-4013	94025	435
RFA-4017-O	64101	436
RFA-4021	75483	435
RFA-4023-01	12373	435
RFA-4024	85513	435
RFA-4045-A	25705	1430
RFA-4046-A	12491	1430
RFA-4056-03	82222	1435
RFA-4057-A	51496	1434
RFA-4059-A	13503	1431
RFA-4075-48	23045	1511
RFA-4076-48	99831	1511
RFA-4080	59153	1573
RFA-4081	97546	1573
RFB-1100-2	20997	442
RFB-1100-2ST	11242	442
RFB-1100-B	28166	442
RFB-1101-1EN	54069	442
RFB-1101-1SI	76063	442
RFB-1101-1X	67446	442
RFB-1101-PL	18427	442
RFB-1106-2	64760	441
RFB-1106-2	88028	441
RFB-1106-2ST	49635	441
RFB-1106-2T	99931	441
RFB-1106-5	23276	441
RFB-1107-1P	47336	442
RFB-1107-1X	22462	442
RFB-1110-S	30262	442
RFB-1116-I	57853	442
RFB-1117	61291	442
RFB-1117-BT	75610	442
RFB-1123-I	62849	442
RFB-1124-1P	71067	442
RFB-1124-1X	56093	442
RFB-1131	84768	429
RFB-1132	60042	429
RFB-1133	86470	429
RFB-1134	34863	429
RFB-1135-I	99684	429
RFB-1135-T	47401	429
RFB-1136	68260	434
RFB-1137	29867	428
RFB-1139	84913	428
RFB-1140	10789	428
RFB-1141	51604	432
RFB-1142	60639	428
RFB-1142-4	34211	428
RFB-1142-5	72604	428
RFB-1145	42792	428
RFB-1706-9	83248	441
RFB-1707-2	45974	441
RFB-1730	414098	429
RFD-1604-2L2	416023	413
RFD-1631-2L2	496025	413
RFD-1650-2	24890	431
RFD-1652-2	34195	430
RFD-1653-2	81179	430
RFD-1670-2	59374	431
RFD-1671-2	20981	431
RFD-1672-2	46160	431
RFD-1673-2	97767	430
RFE-6000-C	31944	445
RFE-6050-C	70337	446
RFN-1000-1S	56820	437
RFN-1000-N	39931	437
RFN-1001-S	24006	437
RFN-1002-1N	78324	437
RFN-1002-1S	51546	437
RFN-1002-1S	83121	437
RFN-1002-1SI	62262	437
RFN-1002-1SI	73565	437
RFN-1002-2L2	81900	413
RFN-1002-PL	31641	437
RFN-1004-1SP	35800	437
RFN-1004-1SX	36997	437
RFN-1005-3C	26367	436
RFN-1005-3C	36421	436
RFN-1005-3C1	54680	436
RFN-1005-7	36652	436
RFN-1005-B-03	47312	436
RFN-1006-2L2	83385	413
RFN-1006-2L2	93865	413
RFN-1006-3E	16526	436
RFN-1006-3F	13153	436
RFN-1006-3F	80266	436
RFN-1006-3I	14515	436
RFN-1006-3I	35834	436
RFN-1006-L6	412066	436
RFN-1006-PL	53773	436
RFN-1007-2SP	42954	436
RFN-1007-2SX	495326	436
RFN-1007-2SX	54919	436
RFN-1009-3E	58377	436
RFN-1009-3I	52386	436
RFN-1009-C1	58465	436
RFN-1009-PL	64998	436
RFN-1009-X-04	425357	436
RFN-1010-I	93439	433
RFN-1011-I	97169	433
RFN-1012-I	10192	433
RFN-1013-I	20383	432
RFN-1014-I	58776	433
RFN-1022-I	31425	438
RFN-1022-8	72162	438
RFN-1022-8-C1	57405	438
RFN-1023	16653	432
RFN-1024-I	96246	438
RFN-1024-1SI	45888	438
RFN-1024-1SI	87441	438
RFN-1024-PL	70034	438
RFN-1025-I	44639	437
RFN-1026-1P	36276	437
RFN-1026-1X	29053	437
RFN-1027	83032	437
RFN-1027-C2	75945	437
RFN-1028	74814	437
RFN-1028-2L2	54223	413
RFN-1028-2L2	78080	413
RFN-1028-PL	74769	437
RFN-1028-SI	44728	437
RFN-1029-SX	51124	437
RFN-1034-I	69818	432
RFN-1035-I	56604	434
RFN-1036-I	94997	432
RFN-1037-I	43390	428
RFN-1038-I	81783	432
RFN-1039-I	30176	428
RFN-1040-I	68569	428
RFN-1907-2S	56497	437
RFT-1200	16962	440
RFT-1201-1X	80461	440
RFT-1201-SI	35330	440
RFT-1202-2	67320	440
RFT-1202-2	74227	440
RFT-1202-2	80534	440
RFT-1202-2B	28927	440
RFT-1202-2T	58794	440
RFT-1202-5	71609	440
RFT-1202-7	55110	440
RFT-1203-1P	15713	440
RFT-1203-1X	28854	440
RFT-1206	482335	440
RFT-1212	97258	441
RFT-1212-B	38591	441
RFT-1214-I	465109	441
RFT-1216-I	32475	440
RFT-1217-P	22682	441
RFT-1217-X	15839	441
RFT-1224	60374	433
RFT-1225	41506	433
RFT-1227	75627	433
RFT-1230	81474	433
RFT-1231	94688	428
RFT-1232	84082	428
RFT-1233	41832	433
RFT-1234	55046	432
RFT-1235	24020	434
RFT-1236	62413	433
RFT-1239	494336	433
RFT-1239	60441	433
RFT-1240	10806	445
RFT-1241-4	83739	430
RFT-1241-5	49199	430
RFT-1241-6	87592	433
RFT-1242	51028	433
RFU-500	10655	439
RFU-500	31514	439
RFU-501	25118	439
RFU-501	69907	439
RFU-504	39120	438
RFU-505	75476	438
RFU-505	91538	438
RFU-505-5	75553	438
RFU-505-ST	11904	438
RFU-505-ST	23207	438
RFU-507	68133	438
RFU-507-PL	29143	438
RFU-507-SI	87791	438
RFU-507-ST	35985	438
RFU-507-STF	20273	438
RFU-508-P	46176	438
RFU-508-X	33449	438
RFU-520-1E	59716	439
RFU-527	79215	439
RFU-530	59390	439
RFU-530-S	58666	439
RFU-530-S	81920	439
RFU-531	97783	439
RFU-531-S	97059	439
RFU-532	59517	434
RFU-533	80225	434
RFU-534	34551	434
RFU-536	21124	434
RFU-537	78774	434
RFU-538	28618	434
RFU-545	41689	428
RFU-600	45250	443
RFU-600-1	22174	442
RFU-600-1	38332	442
RFU-600-1	61600	442
RFU-600-1P	32238	443
RFU-600-1X	35783	443
RFU-600-2	45452	443
RFU-600-5	81347	443
RFU-600-6	43139	442
RFU-600-S	67656	443
RFU-600-6C1	430125	442
RFU-601-1	22373	443
RFU-601-3	74435	443
RFU-620	81584	432
RFU-621	49048	434
RFU-621	75644	434
RFU-622	57417	428
RFU-623	70631	433
RFU-623-5	19024	433
RFU-624	48619	431
RFU-625	95810	431
RFU-626	44203	431
RFU-627	30989	431
RFU-628	82596	431
RFU-629	69382	431
RFU-630-6	17775	431
RFU-642	56168	431
RFU-643	10209	431
RFW-1999	83228	1511
RMC-6010-B	468027	445
RMX-9010-1B	52166	447
RP-1202-I	423199	445
RP-1212-C	444076	445
RP-1212-C1	33187	445
RP-1216-I	426043	445
RP-3000-1C	493177	444
RP-3000-C1	46633	444
RP-3000-I	422378	445
RP-3050-1B	485109	444
RP-3050-1C	432126	444
RP-3252-1C	443165	444
RP1202-L6	466038	445

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Manufacturer / Mfg. Part Number Index

Mfg. Part Number	SKU	Page
RP3000B	466016	444
RP9000IB	494387	447
RSA-3000-B	75860	443
RSA-3000-C	37467	443
RSA-3000-CI	49275	443
RSA-3000-I	410143	444
RSA-3000-X	55222	444
RSA-3010-B	451077	443
RSA-3010-C	99884	444
RSA-3010-C2	483127	444
RSA-3010-X	93615	444
RSA-3050-B	33054	444
RSA-3050-C	26751	444
RSA-3050-X	48878	444
RSA-3402	41500	430
RSA-3402-I	47913	430
RSA-3403-I	69313	430
RSA-3404	34013	430
RSA-3406	433112	429
RSA-3413	95236	428
RSA-3450	91375	430
RSA-3452	58415	432
RSA-3453	11116	430
RSA-3457	17844	430
RSA-3458	87784	428
RSA-3459	63226	430
RSA-3476	24833	429
RSA-3478	28293	429
RSB-4000-B-03	483010	447
RT-1202-C	30457	440
RT-1227	30459	433
RT-3000-ICI	54220	444
RFS Cabiewave		
15208211	451138	376
15565470	480077	410
15566070	486060	409
15563106	490025	1556
15570570	410019	415
15571070	498149	415
15571170	479094	415
15573602	423014	1556
15573603	468184	1557
15575570	446058	421
15576170	415099	421
15578320	439149	1556
15590440	459199	413
15590540	474123	413
15591070	456320	413
15591140	492112	413
15591251	473165	1557
310770-001	53631	239
310771-001	39866	240
311236	49776	238
37100015	22166	203
37300027	454195	204
399268-101	11787	391
399269-101	30474	391
399269-103	72249	391
399288-103	88573	391
399289-103	74855	391
399290	30976	392
400003	51873	391
400004	37405	391
400005	98848	391
400013	54329	391
400014	39371	391
400015	77764	391
400097	57897	392
400102	31771	391
400103	66091	391
400108	18479	392
400146	20173	391
400172	35204	391
400201	79508	391
400276	450147	391
511675	95047	462
514542-001	68619	527
514542-002	30226	527
514542-003	27051	527
514542-004	17012	527
514542-005	31665	528
514542-006	18451	528
614241	480064	426
624141	60608	426
734710	81125	405
734736	26608	409
734737-A	36767	415
734745	51258	405
734747	78215	410
734750	49981	410
734751	88374	410
734752-A	75160	415
734752-B	25211	415
734753	61946	418
734754	10339	418
734755	48732	421
734756	87125	421
734761	84936	408
734762	46543	408
734769	59867	403
734771	46653	403
734772	85046	403
734773	71722	408
734774	33329	408
734778	59476	403
734779	63604	403
734780	50390	403
734793	21587	403
734803-A	30143	409
734804	17922	414
734806-A	55322	410
734807	24349	405
734817-B	80519	403
734832	84898	405
734833	33291	405
734835	76437	408
734837	46522	415
734838	58487	418
734839	96880	418
734840	32059	421
734864	75569	405
734868-A	68536	409
734874	11997	403
734878	462176	424
734881	24830	408
734882	499062	408
734897	46505	405
734898	72690	405
734904	28452	405
734916	51639	410
734919	38425	415
734921	96863	409
734923	93733	405
734924	73194	403
734931	62355	405
734932	14541	405
734947	13319	423
734948	64926	422
734949	61848	423
734950	10241	422
736007	63551	417
736008	63591	417
736009	63598	417
736010	63602	417
738200	14514	423
738225	54880	424
738226	23257	424
738229	91300	424
738230	39693	424
738247	58671	424
738301	42915	424
738303	85580	424
738304	85743	424
738305	84331	424
738314	33973	424
738801-A	18786	410
738802-A	57179	409
738803	43965	410
738804	82358	410
738806	95572	410
738807	76113	410
738813	38044	410
738841	54681	414
738842	29502	414
738843	15039	414
738845	94323	414
738846	41467	414
738850	45938	420
738851	97545	420
738853	51658	420
738854	90051	420
738855	38444	420
738863	70452	421
738880	24506	418
738881	77362	418
738882	91825	418
738883	53432	418
738885	40218	418
810261-001	36462	388
810262-001	492392	389
810264-001	462370	389
810265-001	25001	388
810265-031	11946	388
810268-001	421384	389
810901-014	448066	384
810903-001	94522	385
810903-021	484069	385
810916-001	78611	379
810916-003	11103	379
810916-083	10494	379
810917-001	66112	373
810918-001	70393	374
810918-003	33837	374
810918-083	10097	374
810918-F01	476098	374
810918-F03	499036	374
810920-001	67140	381
810920-083	61704	381
810921-001	79860	377
810921-003	16264	377
810921-003	59016	377
810921-083	24317	377
810921-F01	487048	378
810921-F03	466089	378
810929-001	50934	384
810929-031	41837	385
811026-001	41666	370
811026-083	71163	370
811026-F01	441073	370
811026-F03	481092	370
811028-001	30426	368
811028-F01	36914	368
811032-001	83237	386
811032-003	31630	386
811033-001	19089	386
811033-003	35677	386
811034-101	29132	386
811034-103	54311	386
811036-001	92162	387
811036-003	33387	387
811036-007	418058	387
811046-001	39747	382
812901-201	71729	387
815356-006	483142	452
815396-006P	36072	452
815396-008P	74465	452
815396-010P	22858	452
815414-006P	24107	452
815414-010P	62500	452
826031-003P	48037	449
826031-006P	71967	449
826031-010P	97146	449
826050-003P	61251	452
826050-006P	10893	452
826160-001M	67863	452
826160-002M	67864	452
826160-003M	67865	452
826162-001M	68035	452
826162-002M	68040	452
826163-001M	68054	449
826163-002M	68090	449
826164-001M	68099	449
826165-001M	68135	449
826166-003M	68158	449
910061	72121	529
910069	25230	464
910072	63623	464
913341	12016	463
913344	50409	464
913347	88802	463
913351	32900	535
913354	57259	535
913412	37195	392
913438	16136	464
913488	67063	463
913565	86701	463
913782	61190	1562
913783	75588	1562
914580-001	68809	527
914580-002	30416	527
914580-004	35946	527
914580-006	67160	527
914580-007	15553	527
914710	27355	462
914778	74339	425
914903	55441	535
914904	73181	535
914905	84507	535
915084	29167	425
915255	41321	526
915594	62217	455
915620-015	45920	456
915620-017	36249	456
915620-025	30258	456
915620-028	81912	456
915620-036	48070	456
915620-047	75352	456
915626	68698	456
915630	480103	456
915659	75431	455
915660	23824	455
915661B	49003	455
915662	42244	518
915932	18712	1744
915933	55856	1744
915934	95498	1744
915935	16214	1744
915936	66572	1744
915937	81035	1744
915943	94249	1744
915944	54607	1744
915945	42642	1744
915946	79786	1744
915947	28179	1744
915948	29428	1744
915949	82284	1744
915950	30677	1744
915951	67821	1744
915970	455399	462
916072	34120	455
916132	19333	1743
916147	14238	1562
916149	61682	1565
916281	84633	1557
916382	69929	458
916383	95108	458
916385	43501	458
916386	17073	458
916388	81894	459
916389	55466	459
916391	30287	459
916392	93859	459
916394	68680	459
916423	36570	1558
916476	499065	1558
916477	424063	1558
916533-061	486066	461
916534-012	444044	460
916534-058	478123	461
916534-078	455042	461
916534-114	436066	461
916534-158	470092	461
916534-214	473066	461
916535-078	484108	460
916687	490165	455
920126	99518	464
920150-001	79525	456
920150-002	36471	456
920159-003	59152	454
920161-003	47911	456
920161-009	14704	456
920167-004	44879	526
920168	86304	462
920173	34697	528
920188	73090	463
920202	50417	462
920203	83996	462
920204	21483	462
920206	56583	462
920208	39454	462
920225	74864	425
920226	48626	425
920241	81759	425

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Mfg. Part Number	SKU	Page
20242	33448	425
20243	31475	425
20247	71841	425
20248	10233	425
20249	54817	425
20363	47880	392
20365	39327	392
20411	80252	392
20417	59222	392
20467	29350	462
20635	70592	461
20738	65223	511
20831	12024	511
20981-001	89579	454
20981-003	63631	455
20981-004	86829	454
20981-007	88078	454
20981-010	13790	454
20981-019	472177	454
21199	76656	1557
21200	38263	1557
21201	89870	1557
21216	11391	1557
21217	49784	1557
21218	431002	1557
21231-012	411076	457
21231-158	420076	458
21232-012	445057	457
21232-058	478181	457
21232-078	457003	457
21232-158	90017	458
21233-061	97615	458
21248-012	419146	511
21248-078	439158	511
21248-114	439180	511
21248-158	478114	511
21273	435093	1557
33629	50875	461
40019	82709	461
A10-59AC	452395	206
A10-W71AC	485347	216
A4-59AC	440349	205
A6-107AC	480364	216
A8-107AC	419105	216
A8-59AC	495344	205
A8-W71AC	462393	215
TTING	25221	426
TTING	76828	426
A0528-19AN	497343	203
A0528-23AN	471344	203
A0528-28AN	411357	203
GAR2-23N	75402	185
GAR3-23N	75245	186
GAR4-23N	412312	188
GAR6-23N	80174	189
MNFL12-030	71369	451
AD10-59AC	429116	206
AD6-57WAC	416306	211
AD6-59AC	493328	205
AD6-65AC	456145	212
AD8-57WAC	489302	211
AD8-59AC	478393	205
AD8-65AC	416198	212
CF12-50	77205	370
CF14-50	453306	368
CF14-50	90419	368
F2-57WAN	487137	204
F3-23AJ	494193	192
F3-57WAN	494126	203
F4-23AJ	432004	193
F4-57	78456	209
F6-23AJ	475128	194
F6-57WAN	464104	204
CF 78-50J	63525	372
Celwave		
017-6	11052	139
017-8	72934	139
022-1	84128	73
022-2	32521	73
022-3	45735	130
054-3	68416	59
085	40739	90
108-1	77883	119
108-2	26276	148
108D-1	64669	123
10212-1	83290	112
1108-1	58424	77
1108-3	31996	135
1109-1	70389	79
1109-6	30747	135
1110-1	13633	80
1110-11	411049	138
1110-3	29498	80
1110-5	42712	138
1110-6	81105	80
1124-2	66642	146
1142-1	76109	2
1142-2A	36467	3
1142-2B	74860	3
1142-2C	60397	3
1142-3	486012	8
1150-6	51654	47
1150-7	90047	47
1150-8	76833	48
1151-1	10763	51
1151-2	62370	51
1151-3	88798	51
1151-4	37191	51
1151-5	23977	51
1151-6	418016	51
1158S-3	99514	38
1158S-5	47907	38
1158S-6	78637	38
1186	85051	266
128-1	95767	2
128-2FT	32195	3
128-4	53627	17
128-4FT	18981	17
1610-1	71312	76
1610-2	19705	76
1610-4	58098	132
201-7	61320	47
201-8	43345	47
220-8	82872	13
220-8-B	42564	13
440-1	13134	29
440-2	51527	29
455-11	49029	53
455-2	22601	51
455-3	87422	51
455-5	74208	51
455-6	63492	51
455-7	11885	53
455-8	50278	53
455-9	434008	53
458-1	60994	51
458-2	99387	51
48610	56080	703
48620	99576	704
48710	497342	705
48750	430032	705
48751	495099	703
500-4	54749	272
500-8	14256	277
502	52251	473
504	39037	473
5042-1	77430	285
5085-3	75330	288
5085-4	98515	288
5090-1-1	21856	265
636-6A-2-1	35070	290
636-6A-2-3	28876	290
636-6A-3-3	38364	291
636A-2-1	24354	290
688S-1	41734	63
688S-3	16555	63
688S-4	54948	63
688S-5	80127	63
696-2-1	15306	292
941-PB4-2-3	89268	276
AF150-T	38711	332
AF460-T	35163	332
AL001	21949	1431
AL005	82939	1432
AL030	98735	1432
ALE196015-44T2	436172	169
ALE196015-44T2	480059	169
ALE199013-42T2	495116	163
ALE199013-44T2	438053	174
ALE859012-12T0	64899	105
ALE859012-42T0	457354	105
ALE859012-44T0	76662	105
AO1909-3	55735	159
AO7806-24TO	436300	67
AO7806-44TO	464300	67
AO8410M-54T3	483077	83
AO8610-2T0	28801	85
AO8610-5T0	72482	86
AO86SM00-28T0	423000	241
AO8818DC00-28T0	481081	242
AOB1903	464001	157
AOB1906	457008	157
AP183312-4T0	66324	161
AP199014-2T2	482046	164
AP199014-4TO	476092	163
AP199016-4TO	443036	163
AP256516-52TO	480167	234
AP256516-54TO	453192	234
AP259015-52TO	429038	233
AP861214	29072	99
AP881205	88372	88
AP881208	18284	89
AP886007	77656	89
AP901213-3	74618	96
AP906513-23	96828	97
AP906516-3	89081	100
AP923712	25921	141
AP923715-42TO	439169	142
AP923715-44TO	55918	142
APL18SL06-28T0	436039	254
APL196513-42T0	414014	163
APL196513-44T0	488077	163
APL196516-42T0	493051	172
APL196516-44T0	418024	173
APL199014-42T0	436094	164
APL19901444T0	68420	166
APL199016-42T2	78219	173
APL199016-44T0	411048	173
APL866516-12TO	24012	111
APL868010-12TO	13251	103
APL868013-12TO	24928	106
APL868013-42TO	68605	106
APL869009-12TO	76823	102
APL869012-12TO	87251	106
APL869012-42TO	10338	106
APP19CP04-28T0	422049	253
APP19SP06-28T0	410013	255
APP86SP00-28T0	478038	241
APV194615-42T0	478078	164
APV194615-44T0	421041	164
APX196515-52T2	497006	183
APX196515-54T2	460022	183
APX199015S-42T2	481029	183
APX866513-1T0	440166	127
APX866513-4T0	445146	127
APX866515-1T0	438112	129
APX869014-2T0	45531	128
APX906513-1T0	464157	127
AXE196515-54T2	474167	181
AXE199014-52T2	456098	180
AY8807-04T0	66895	115
AY8807-14T0	66890	115
BA1010-1	12283	22
BA1010-2	50676	22
BA1010-5	32985	22
BA1010-7	84592	22
BA1012-1	37462	22
BA1012-2	75855	22
BA1312-1	62641	24
BA1312-2	11034	24
BA1312-3	49427	24
BA6012-1	22999	44
BA6012-2	61392	44
BA6110-1	86571	44
BA6110-2	422004	44
BA6312-1	21750	45
BA6312-2	60143	45
BCR10-O-B1	54266	84
BCR10A-B1	92659	87
BCR12-O-B1	53017	86
BCR12A-B1	91410	87
BCR12H-B1	78196	87
BMR10-O-B1	26589	84
BMR12O-B1	90161	86
CC078-0	43381	332
CC078-AA	81774	330
CC160-A	480073	330
CC160-AA	450075	330
CC160-B	456068	330
CC460-0	67311	332
CC460-AA	30303	331
CC870-AA	66062	331
CD078-0	78027	332
CD460-AA	81978	331
CD870-AA	63564	331
CEL-1	38484	73
CEL-1A	10907	72
CEL-3S	20672	75
CELSEA9A	61095	1291
CELSEA9S	99488	1351
CFX842-8	77621	328
N280-N	51798	1363
PD10002	35019	473
PD10017-1	33770	82
PD10017-2	46984	82
PD10017-2I	20010	84
PD10017-3	72163	82
PD10017-5	20556	82
PD10028	19307	473
PD10057	80381	1746
PD10064	67167	480
PD10071	53953	69
PD10072	71291	69
PD10087	79132	492
PD10108D-2	13062	153
PD10212-2	82630	143
PD1121-4	93070	28
PD1124-1	28249	118
PD1253	97016	488
PD200	82028	26
PD220-1	41861	25
PD220-2	68289	25
PD220-3A	43110	25
PD220-4	81503	25
PD220-5	15539	25
PD220-6	29896	25
PD220-7	93468	25
PD220DT3	488320	25
PD237	80254	492
PD241	28647	478
PD246	15433	471
PD278	40612	69
PD340-1	19379	32
PD340-2	57772	32
PD346	30095	487
PD395	15632	547
PD402	52776	473
PD46	99840	487
PD46A	48233	488
PD477	46531	460
PD497-1-1	87718	284
PD503	90644	473
PD5048-1	89395	298
PD5090-1-2	10509	268
PD5091-1-2	48902	270
PD5188-14BK	60867	299
PD5188-25BK	99260	299
PD526-4-2	47653	293
PD526-5-1	33190	296
PD526-5-2	493187	296
PD556	43508	473
PD561	81901	473
PD593	68687	547
PD620-3	93866	26
PD633-6A-1	92617	293
PD633-6A-2	67438	295
PD633-6A-2N	76905	295
PD636-6A-1-3	49474	286
PD636-6A-3-1	96762	291
PD636-6A-5-3	82812	289
PD638-6-4-3	59944	294
PD696-SR-1-2	14057	294
PD90018	39960	475
PD90019	78353	475
PD911-PB4-1-2	36017	271
PD911-PB4-1-2	64089	271
RMC150-12(110V)	464309	321
RMC460-8(110V)	28719	323
RMC800-12(110V)	64288	326
RMC800-12K(110V)	51074	337
RMC800-24K(110V)	62955	338
RMC900-10(110)	34692	325
RMC900-10K (24V)	441159	325

Mfg. Part Number Index

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Manufacturer / Mfg. Part Number Index

Mfg. Part Number	SKU	Page
RMC900-10K(110)	84261	325
SJD420-4T	454300	309
SJD455-4T	473309	309
SJD480-4T	477349	309
SJD500-4T	487350	309
SKD940-4H	15112	315
SKD940-5H	91898	317
TBC460-2	48576	307
TCC800-2	91766	312
TCD800-2	97465	312
THD800-2	19170	313
TJD150-2T	40363	302

Richard Tell Assoc

Mfg. Part Number	SKU	Page
CAUTION SIGN	43875	1646
FME VIDEO	69054	1647
GUY WIRE CAUTION	55241	1646
NOTICE SIGN	30661	1646
REGISTRATION SIGN	31709	1647
RF BURN SIGN	87461	1647
RF FIELD VIDEO	63893	1647
RF SITE PLAC	17447	1647
RF SITE PLAC	68796	1647
SM CAUTION SIGN	97165	1646
SM NOTICE SIGN	20379	1646
SM WARNING SIGN	58772	1646
TOWER CAUTION	428025	1646
WARNING SIGN	94233	1646

[illegible]

Mfg. Part Number	SKU	Page
ACC-03447-002	464397741,	1226
ACC-03520-001	421391741,	1226
ACC-03581-001	440369741,	1226
ACC-03731-003	412367741,	1226
ACC-03731-006	450328742,	1227
ACC-03818-001	467330741,	1227
ACC-03818-002	428363741,	1226
ACC-04051-001	450373742,	1226
ACC-04172-001	463392741,742, 1226	
ACC-04746-002	415336	1226
ACC-04746-003	460390742,	1226
ACC-04746-005	457370742,	1226
ANT-04888-001	477333742,	1226

[illegible]

Mfg. Part Number	SKU	Page
16722	82788	1561
1016	499326	1520
1215	470364	1544
3335	459361	1544
4300	443350	1544
34610	498322	1541
36173	470310	1544
36175-1	481328	1544
36420	483316	1544
36495	493322	1542
36805	433300	1559
36806	435393	1559
36809	410316	1559
36812	452336	1559
36855	460356	1544
37097	425352	1561
37100	480328	1561
37104	432302	1561
37108	425323	1561
37124	415315	1561
37128	492337	1561
37132	485312	1561
37140	459332	1553
37720	465368	1544
37880	434315	1541
39395	452340	1554
39400	474303	1554
39430	449364	1579
39470	479345	1555
80300	492301	1553
80305	471345	1553
80315	457344	1553
80355	440309	1542
80365	481346	1577
80560-1	425349	1577
80676	430335	1541
80677	463374	1541
80688	415364	1541
CB60	30984	1557
CC-100	96002	1561
CXC-1	40263	1579
FT-114-50	70963	1560
FT-12-50	26019	1560
FT-158-50	70970	1560
FT-78-50	75128	1560
HSK19	14023	1520
HSK33	52416	1520
HSPD1	52941	1520
MSES	70942	1558
SB-89	90809	1520
UT5800	82591	1561

Riser Bond Instruments

Mfg. Part Number	SKU	Page
000-1550-15	427069	1417
000-1550-20	456035	1417
000-3300-00	424062	1418
000-6000-00	480189	1419
1270A	71255	1419

Rohde & Schwarz

Mfg. Part Number	SKU	Page
FSH-B1	417350	1405
FSH-Z1	486354	1405
FSH-Z2	438334	1405
FSH-Z25	448306	1405
FSH3	419395	1405
FSH313	449396	1405
NRVZ103	479048	1424
NRVZ203	411058	1424
NRVZ403	466033	1424

Rohn Tower

Mfg. Part Number	SKU	Page
1/2S	20971	633
1/2TBE&E	59364	635
1/2TBE&J	97757	635
1/2X12BB	46150	625
1/4CCF	84543	635
1/4EHS	32936	634
1/4EHS1000	19722	634
1/4EHS500	71329	634
1/4TH	58115	635
161005GHS	96508	497
180505PHS	67815	497
181005PHS	24419	497
1LG	28600	480
25ACL3	31687	626
25AG	92951	623
25AG2	70080	623
25AG3	85843	623
25G	56866	623
25G110D040	80467	629
25G110D050	33755	629
25G110D060	36037	629
25G110D070	79840	629
25G110D080	44906	629
25G110D090	99636	629
25G110D100	74700	630
25G70D0150	18677	630
25G70D0160	42606	630
25G70D0190	42611	630
25G70D130	68050	630
25G70D140	37482	630
25G70D170	57070	630
25G70D180	24268	630
25G90D0100	40398	630
25G90D0110	42590	630
25G90D0120	81768	630
25G90D0130	42614	630
25G90D0140	42645	630
25G90D0150	30191	630
25G90D080	42722	629
25G90D090	42719	629
25G90D160	65555	630
25G90D170	42646	630
25G90D180	42649	630
25G90D190	42655	630
25GBRM	30868	482
25GWM	471126	623
25JBK	43652	623
2UMBX	97936	484
3/16CCF	82045	635
3/16EHS	30438	634
3/16EHS1000	17224	634
3/16EHS500	68831	634
3/4X12PP	67582	633
3/8EHS	87562	634
3/8S	54368	633
3/8TBE&E	92761	635
3/8TBE&J	41154	635
3/8THH	27940	635
340028	42403	634
455ACL3	66333	627
45AG2	14726	626
45AG3	53119	626
45G	39905	626
45G110D040	42856	630
45G110D050	42851	630
45G110D060	42833	630
45G110D070	42835	630
45G110D080	42847	630
45G110D090	42905	630
45G110D100	42909	630
45G110D110	42860	630
45G110D120	42864	630
45G110D130	42871	630
45G110D140	42879	631
45G110D150	42888	631
45G110D160	42898	631
45G110D170	53408	631
45G70D040	42941	630
45G70D050	95639	630
45G70D060	42949	630
45G70D070	42953	630
45G70D080	42958	630
45G70D090	42962	630
45G70D100	42964	630
45G70D110	42971	630
45G70D120	42994	630
45G70D130	42995	630
45G70D140	42998	630
45G70D150	43004	631
45G70D160	43019	631
45G70D170	78100	631
45G70D180	43020	631
45G70D190	43025	631
45G70D200	43030	631
45G70D210	43038	631
45G70D220	28940	631
45G70D230	43045	631
45G70D240	43055	631
45G70D250	67333	631
45G70D260	43063	631
45G70D270	43065	631
45G70D280	43072	631
45G70D290	43075	631
45G70D300	55394	631
45G90D040	42702	630
45G90D050	36339	630
45G90D060	87644	630
45G90D070	42737	630
45G90D080	42746	630
45G90D090	42763	630
45G90D100	65571	630
45G90D110	42765	630
45G90D120	97709	630
45G90D130	42803	630
45G90D140	42805	630
45G90D150	64755	631
45G90D160	42822	631
45G90D170	42828	631
45G90D180	23400	631
45G90D190	77166	631
45G90D200	42662	631
45G90D210	42670	631
45G90D220	42674	631
45G90D230	42686	631
45G90D240	42688	631
45JBK	78298	626
5/16CCF	65084	635
5/16EHS	13477	634
5/16THH	51870	635
5/8TBE&J	25442	635
55G	38656	627
55G110D100	36244	631
55G110D110	46373	631
55G110D120	43081	631
55G110D130	43093	631
55G110D140	43114	631
55G110D150	83516	631
55G110D160	43131	632
55G110D170	43133	632
55G110D180	43152	632
55G110D190	43153	632
55G70D100	43280	631
55G70D110	43286	631
55G70D120	43288	631
55G70D130	43294	631
55G70D140	43300	631
55G70D150	78820	631
55G70D160	43304	631
55G70D170	43308	632
55G70D180	43309	632
55G70D190	43313	632
55G70D200	43330	632
55G70D210	43346	632
55G70D220	15726	632
55G70D230	43354	632
55G70D240	43372	632
55G70D250	92512	632
55G70D260	43377	632
55G70D270	43385	632
55G70D280	43386	632
55G70D290	43398	632
55G70D300	36951	632
55G70D320	13626	632
55G70D330	87997	632
55G70D340	66569	632
55G70D350	96820	632
55G70D360	43410	632
55G70D370	43413	632
55G70D380	43415	632
55G70D390	43423	632
55G70D400	75344	632
55G90D100	48854	631
55G90D110	43157	631
55G90D120	43193	631
55G90D130	43197	631
55G90D140	41358	631
55G90D150	84794	631
55G90D160	21533	631
55G90D170	43207	632
55G90D180	80556	632
55G90D190	43211	632
55G90D200	25229	632
55G90D210	43212	632
55G90D220	43226	632
55G90D230	43231	632
55G90D240	43232	632
55G90D250	43233	632
55G90D260	43244	632
55G90D270	43250	632
55G90D280	75509	632
55G90D290	43258	632
55G90D300	43273	632
55JBK	74331	627
618	10299	634
7/16CCF	43614	635
AGK1G	37407	636
APL55G	62586	627
AS25G	20137	626
B620W	87765	636
BG2142INP	74551	634
BG2144INP	22944	634
BG2146INP	61337	634
BGK3G	97877	636
BPC25G	34909	624
BPC45G	73302	626
BPH25G	21695	624
BRM42510	98865	482
BRM43510	48544	482
BRM44510	47258	482
BRM4MAT	31694	484
BRM4PAD	82561	484
BRM645-10	86687	482
D1130	20446	473
EB2525G	32411	625
EF2545	70495	633
ETPM	82769	1710
ETSTRAP	69555	1636
FR25G	17948	625
FRM-125	55966	482
FRM-166	42752	481
FRM-238	81145	482
FRM-238SP5	22079	482
FRM150	94359	481
GA25GD	94734	625
GA45GD	43127	627
GA55GD	32301	627
GAC303	81520	635
GAC3455TOP	68306	635
GAS604	55092	635

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fg. Part Number	SKU	Page
C65303	41878	634
TMB	17562	497
184WJ	435007	509
30	27009	497
40	74083	497
50	33236	497
B25AG	81156	625
B25BG	80271	625
B25CG	28664	625
BUTVRO	15450	633
07A	39440	1758
4AA	69766	1758
1A	73444	1758
60A	42956	1757
61A	16528	1757
62A	20999	1757
63A	46178	1757
64A	32964	1757
66A	19750	1757
68A	96536	1757
83A	91076	1757
85AW	19443	1757
87A	37189	1757
89A	57836	1757
M23805	26131	481
M23810	62006	481
M23855	61843	481
M27510	61998	481
MPAD	85136	482
200H	98570	497
BI16W	53369	636
NT-NP-05	59940	1710
NTNNPW9/CASE	79022	1710
WM	99451	479
OHN LIT PKG II	04569	634
OHN LIT PKG	53843	634
A253UA	14201	633
325G	26166	623
325G5	64559	623
345G	12952	626
355G	79937	627
3H25G	81482	623
OB25G	51345	624
A25	76524	625
33	50096	633
35125BA	75275	492
3SAFETY	77773	633
M120	92231	484
M60	53838	484
RT36	15975	483
RT60	63835	483
RTAG2	50621	483
RTBAG	36158	484
HF25G	23668	625
VGBS2410	88353	498
VL10F154KD	89854	509
VL10F84KD	98729	509
VL20F154KD	37767	509
VL20F84KD	68517	509
VM12D	96373	479
VM12S	44766	479
VM18D	83159	479
VM18S	31552	479
VM24D	69945	479
VM312	11031	478
VM4X	71194	479
VM8D	19587	479
VM8S	57980	479
VMB12A	49424	478
VY3080A	62814	509
VY3081A	11207	509
VY3082A	53076	509
VY7459	62251	510
VY7460	58066	510

nlex America

SM-12100	443005	607
CP1000	54163	1148
-280-13.5	495122	606
A305	95827	605
E12100A	63959	1218
E12150A	37666	1218
E12250A	89618	1218
E1260A	37659	1218

Mfg. Part Number	SKU	Page
PSE24100A	37676	1218
PST-100S-12	482388	1219
PST-15S-12	449165	1219
PST-30S-12	434167	1219
PST-60S-12	429172	1219
RPS1203	28544	602
RPS1203UL	42031	598
RPS1204CP/BT	18719	604
RPS1207	14081	602
RPS1210UL	28817	598
RPS1220	90867	602
S-100F-12	453086	606
S-100F-24	471026	606
S-100F-7.5	446051	606
S-150-12	436042	606
S-150-24	425068	606
S-150-48	417162	606
S-240-24	418194	606
S-240-48	461131	606
S-25-12	450048	606
S-25-24	435071	606
S-25-5	474048	606
S-320-12	446158	606
S-320-24	438126	606
S-60-12	498033	606
S-60-24	434170	606
S1500-112B2	459178	1219
S1500-124B2	414161	1219
S1500-148B2	418131	1219
SCN-1K5-48	417136	606
SCN-600-48	443171	606
SD-150C-12	429307	1221
SD-150D-12	491179	1221
SD-25A-5	447162	1220
SD-50A-24	430155	1221
SD-50C-12	480305	1221
SDC15	59311	1220
SDC20	455334	1220
SDC23	46097	1220
SDC5	467123	1220
SEC-100BRM	478032	595
SEC-100BRM(220)	468361	595
SEC-2012MPSB	70135	595
SEC-40BRM	411046	595
SEC-60BRM	445037	595
SEC-60BRM(220)	417337	595
SEC-80BRM	471041	595
SEC11	64499	597
SEC1212	30918	600
SEC1212-CDM	417027	601
SEC1212-MDX	413314	600
SEC1212-ORION	434302	601
SEC1212-R1	44500	591
SEC1212-SM	63434	601
SEC1212-TAIT 2000	494136	601
SEC1212-TK2	79146	600
SEC1212-VX	37006	601
SEC1215A	41685	610
SEC1223	71823	600
SEC1223-CDM	475063	601
SEC1223-MDX	446339	600
SEC1223-ORION	483328	601
SEC1223-R1	69679	591
SEC1223-R2	30037	591
SEC1223-TAIT 2000	450117	601
SEC1223-TK1	92360	600
SEC1223-TK2	27539	600
SEC1223-VX	75399	601
SEC1230A	91636	610
SEC1245A	452036	610
SEC14	12892	597
SEC20	51285	597
SEC2415A	447044	610
SEC2425A	430024	610
SEC25	89678	597
SEC6	82455	604
SI140HP	74027	1217
SI300HP	52385	1217
SI50HP	26046	1217
SP-500-13.5	435185	606
SPS-2450B	468052	595
SPS1204-220	43315	604
SPS1204UL	29647	604
SPS1206	17596	604

Samsung

Mfg. Part Number	SKU	Page
17200000022 1120	454001	1111,
17200000033	479368	1117
17200000034	430392	1115
17200000036	425396	1122
17200000037	424360	1107
17200000038	457308	1109
17200000039	431335	1113
17221075017	450382	1117
17221075019	452196	1111
17221075021	456326	1122
17221075022	415317	1107
AEP069SSEC/STD 1146	418320	1109,
AEP109SLEB/STD 1114, 1146	453337	1113,
BEX095FSEB/STD	475336	1122
BEX097FSEB/STD	471376	1117
BEX098FSEB/STD	427370	1115
BEX101FSEB/STD	456310	1107
BEX1099SEB/STD	427300	1112
BSL1397SEB/STD	446397	1114
BST0579KEB/STD	451106	1110
BST0697SEB/STD	497381	1109
BST0959SEB/STD	454325	1122
BST0979SEB/STD	444382	1117
BST0989SEB/STD	443326	1115
BST1019SEB/STD	451378	1107
BST1097SEB/STD	485318	1112
BST1399SEB/STD	442396	1114
CAD037SBEB/XAR 1110, 1114	420137	1109,
CAD077SBEB/STD 1117, 1119, 1122	454374	1115,
CAD109SBEB/STD	455332	1112
CCH030ABEB/STD	485353	1107
CKT057EBEC/STD	423318	1111
CKT108GBEC/STD	452352	1113
CKT139GBEC/STD	454393	1114
DC020ABK/XAR	421010	1140
EMP55B/XAR 1116, 1118, 1121, 1123, 1146	426034	1108,
EP010GBK/XAR 1146	490020	1111,
HKT101NBEG/STD	447319	1107
PCB035SBEB/XAR	434131	1140
PCB077UBEB/STD 1119, 1123	430348	1116,
PKT109LBEC/STD 1140	464361	1113,
PKT139TBEC/STD 1140	461381	1114,
TAD037JBEB/XAR 1109, 1111, 1114	462120	1107,
TAD077JBEB/STD 1117, 1120, 1122	480365	1115,
TAD109JBEB/STD	488366	1112

Sargent Tools

2108CT	94473	1551
2127CT	61909	1546
2151CCT	87240	1543
2154CT	59143	1543
3120 CT	22419	1546
3150 CCT	60812	1544
3151 CCT	99205	1544
3155CT	24455	1544
3162CT	24451	1544
3164CT	24481	1544
3180	17855	1552
4100-66	50540	1543
4156CCT	85913	1543
4166CT	78056	1542
4169CT	55531	1542
4172	95186	1544
6540CT	67177	1546
6566CT	15570	1543
6569CT	92356	1543
8300	12838	1555
8450	54553	1555
8700 ES	26024	1555
SP-1565	37652	1545
SP1977	68860	1546
TK2770	69294	1551
TK4150	41726	1545
TK7500	94195	1549

Scala Electronic Corp.

BPV10-450/067D	51839	58
KC1009	438161	333
MF-900B	79117	153
MKPS-1	55242	491
MKPX-2	96781	491
OGB6-915N	50849	133
OGC9-860N	88266	81
RY-900A	16341	149
TY-900	15124	149

Scientific Dimensions

SDI AL250	452006	1372
SDI M5555	414047	1372
SDI M5556	463095	1372
SDI M8003-1	70053	1372
SDI MD5006	43761	1372
SDI MD5008	70082	1372
SDI1000	22207	1367
SDI1050	60600	1364
SDI1050M	86169	1364
SDI1050N	98993	1364
SDI1050T	47386	1364
SDI1150	34172	1364
SDI1250M	22178	1364
SDI1500	58102	1389
SDI1502	44888	1389
SDI1505	83281	1387
SDI1508	31674	1387
SDI1508	99620	1387
SDI1515	70067	1387
SDI1520	454227	1371
SDI1584	95930	1386
SDI2000	95246	1367
SDI2500	43639	1367
SDI2570	25277	1367
SDI27002	423307	1367
SDI500	17211	1365
SDI500MOD	93997	1365
SDI5020	42390	1387
SDI5020HDK	423338	1366
SDI5120	67569	1387
SDI5120HDK	488307	1366
SDI5220	77989	1387
SDI5220HDK	490303	1366
SDI550	66320	1365
SDI555	14713	1365
SDI560	91499	1365
SDI570	90856	1365
SDI6000	78285	1392
SDI7002-5	441129	1366
SDI7002-6	442328	1366
SDI7002A	34094	1365
SDI7100	99486	1367
SDI7200	37217	1371
SDI7200-11	432359	1371
SDI7200-12	419308	1371
SDI7200-13	434338	1371
SDI7200-14	435351	1371
SDI7218	75556	1371
SDI7223-3	429300	1371
SDI7239A	499310	1372
SDI7278	66739	1372
SDI7278-2	419112	1372
SDI727830	71088	1372
SDI7300	16217	1367
SDI7301	49086	1367
SDI7400	32313	1367
SDI8010	37564	1371
SDI8350	66746	1372
SDI850	65071	1364
SDI850M	34143	1364
SDI850MOD	63179	1364
SDI850N	13464	1364
SDI850T	51857	1364
SDI950	38643	1364
SDI950M	47357	1364
SDI950MOD	11572	1364
SDI950N	77036	1364
SDIM5100	72487	1372
SDIM5100-2	92366	1372
SDIMD5006HLB	467349	1372
SDIMD5008HLB	443308	1372
SDIMD8004HB	471304	1372
SDIMD8008HB	476307	1372

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Manufacturer / Mfg. Part Number Index

Mfg. Part Number	SKU	Page
Shop Vac		
610-50	40147	1521
91905-10	36138	1521
925-28	25970	1521
Shure Comm. Inc.		
514B	59038	1171
515SB-G18X	84217	1171
522	32610	1171
527B	19396	1171
550T SERIESII	72298	1171
550TSB SERIESII	88051	1171
561	69754	1171
577B	43326	1171
590T	81719	1173
592T	67227	1172
596LB	93495	1171
810	36917	1172
885TT	55291	1172
A12	92435	1174
A13HD	40828	1174
ALM1	27614	1173
ALM1	69065	1172
ALM10	66007	1173
ALM11	14400	1173
ALM12A	91186	1173
ALM16	77972	1173
ALM17	26365	1173
ALM19	33296	1173
ALM2	13151	1173
ALM20	51544	1173
ALM22	89937	1173
ALM24	76723	1173
ALM25	25116	1173
ALM26	70965	1173
ALM27	30934	1173
ALM27A	63509	1173
ALM28	23232	1173
ALM33	66816	1173
ALM34	53602	1173
ALM35	66229	1173
ALM37	80533	1173
ALM38	72508	1173
ALM4	50295	1173
ALM40	20456	1173
ALM41	86384	1173
ALM42	15219	1173
ALM43	75861	1173
ALM47	27361	1173
ALM48	89842	1173
ALM49	430122	1173
ALM49A	444131	1173
ALM5	88688	1173
ALM51	35668	1172
ALM52	99240	1172
ALM53	86026	1172
ALM6	37081	1173
ALM8	75474	1173
G12	49046	1174
G18	87439	1174
G6A	74225	1174
LMP1A	39672	1174
RK6MB	84941	1174
VR300	491385	1172
Siemens ICM, LLC		
L36880-N4501-A149	494338	1125
L36880-N4701-A113	463315	1125
L36880-N5401-A103	410313	1125
L36880-N5401-A104	442300	1125
L36880-N5401-A106	484316	1126
L36880-N5401-A107	470357	1125
L36880-N5401-A108	469388	1126, 1140
L36880-N5401-A109	495375	1126, 1146
L36880-N5401-A111	426386	1126, 1146
L36880-N5401-A112	430350	1126, 1146
L36880-N7501-A113	444306	1126, 1150
Simcona Electronics		
1000-1213	443088	651
1000-1213-1FT	413070	651
Simpson Electric Co		
00043	53517	1507
00125	91910	1507
00248	27089	1509
00805	77447	1509
00832	43178	1509
00834	75851	1507
260-8	65482	1499
260-8P	13875	1500
260-8XI	77779	1499
260-8XPI	34037	1500
Sinclair		
111	77637	488
113A	26030	488
115	78886	487
117	28528	490
120	15314	492
125U	98671	487
130	85512	488
134	66921	487
135A	59355	488
141	73890	476
142	16056	476
15	41742	487
15B	90851	488
15C	39244	488
17	92100	492
17A	65672	471
17AS	14065	471
17S	53707	492
33	40493	492
5	29777	487
AL-015-0	50031	1432
AMV-RMI	98234	335
CT1-150F	83323	300
CT1-450F	31716	305
CT2-150F	96537	301
CT2-450F	70109	306
CT4-150F	44930	303
CT4-450F	18502	308
CT5-150F	28863	303
EXCALIBER 221	79052	1253
EXCALIBER 221R	428134	1253
EXCALIBER 321A	20763	1272
EXCALIBER 321A	45942	1272
EXCALIBER 321A	72370	1272
EXCALIBER 321R	32728	1271
EXCALIBER 321R	71121	1271
EXCALIBER 500R1	44693	1350
EXCALIBER 500R1	74603	1292
EXCALIBER 500R1	83086	1292
EXCALIBER 500R1	96300	1290
FP-10107*3	87595	264
FP-20107*3	35988	266
FP-20401*1	16529	271
FP-20401*2	15949	271
FP-30107*3	61167	272
FP-30401A*2	41708	276
FP-40137	85097	281
FQ-20107*3	57420	266
FQ-30107*3	44206	273
FQ-40137*5864	82599	279
FR-20107*3	70634	266
FR-30107*3	19027	273
I-2112T	51175	330
I-2213A	49926	330
I-3112T	37961	331
I-3113T	40589	331
I-3213A	88319	331
I-4112A	11533	331
I-4213A	36712	331
I-4224H	75105	331
MR-2332	12058	287
MR-256*1	76879	284
MR-256*2	41128	287
MR-256*3	79521	291
MR-3332	37237	293
MR-356*2	88844	294
MR-456*1	10809	298
P-4440E*1	43554	297
P4330C-4	56513	300
PC-2213	86020	331
PC-3213	34413	330
PC-4213	72806	330
PD2SF800-2500-1	457364	69
PD4SF800-2500-1	420366	70
PD8SF800-2500-1	424377	70
PM-206	34662	334
PM-306	73055	334
PM-406	21448	334
Q-201GR	42957	284
Q-2220E	63068	284
Q-2330E	11461	283
Q-301GR	29743	293
Q-3220E-03	76282	293
Q-3330E-03	24675	292
Q-4220E*1	30992	297
R-101GC	94564	283
RM-21204N	59592	319
RM-21204N-0	44163	319
RM-21208N	97985	320
RM-31204N	21199	321
RM-31208N	15932	322
RM-43008E	33164	324
RM-43012E	71557	326
RM-43016E	19950	327
RM-43024E	58343	327
RM-43032E	96736	328
RM40008-G16-502	465085	326
RTC10-800R	20475	318
RTC10-800RCLL	91111	318
RTC20-800R	58868	319
RTC5-400R	33689	309
RTC5-800R-HP2	97261	317
RTC5-800RC	72082	317
RTC6-800RC	14325	317
RTC6-800RC	52718	317
SC 323-TB1	491392	46
SC 329-TB1	445374	49
SD235-1C	440149	30
SP-40-065-13D00	92559	94
SP-40-065-13D02	79345	95
SP-40-065-13D04	27738	95
SP-40-065-14D00	28987	98
SP-40-065-14D02	15773	98
SP-40-065-14D04	54166	98
SP-40-090-12D00	14524	91
SP-40-090-12D02	91310	91
SP-40-090-12D04	39703	91
SP-40-090-13D00	78096	95
SP-40-090-13D02	64882	95
SP-40-090-13D04	13275	95
SP-50S-060-17D00	76847	177
SP-50S-090-16D00	12026	175
SP-50S-090-17D00	88812	177
SRL 441-2P	459031	101
SRL-101A	81223	3
SRL-101C	29290	4
SRL-110A	38757	6
SRL-110A	41255	6
SRL-110A-2	26792	6
SRL-110A-2	65185	10
SRL-201	90364	19
SRL-201-2	485123	19
SRL-206EB-2	64677	39
SRL-206EB-3	13070	39
SRL-210A	59139	27
SRL-210C-2	80190	28
SRL-210C-2-2	68713	30
SRL-210C-2-4	97532	30
SRL-210C-4-2	41981	16
SRL-210C-4-2	52513	33
SRL-210C-4-4	72353	33
SRL-210C4*4*220	28767	16
SRL-212EB-2	25035	35
SRL-212EB-3	63428	35
SRL-217	13578	20
SRL-222	33435	29
SRL-222	71828	29
SRL-222	85042	29
SRL-224	16474	31
SRL-224	57365	31
SRL-227-2	18790	35
SRL-229	15225	27
SRL-229	23378	27
SRL-229	53618	27
SRL-229	66832	27
SRL-229	83484	27
SRL-229	92011	27
SRL-229*12	57779	14
SRL-233	13976	23
SRL-235	93260	28
SRL-235-2	28439	31
SRL-238	24294	17
SRL-301	15098	41
SRL-301	41526	41
SRL-307-1	88607	63
SRL-307-2	62179	63
SRL-307RCHD-2	35751	64
SRL-310C	96355	54
SRL-310C*4	13667	54
SRL-312	63432	60
SRL-312-1	74144	60
SRL-317	10102	42
SRL-317	12600	42
SRL-320	34338	52
SRL-320	71176	52
SRL-329HD	45997	49
SRL-335-2	84788	55
SRL-350-1	98074	60
SRL-369	85639	48
SRL-402-1	17541	119
SRL-406-1	33253	120
SRL-406-3	58432	149
SRL-406-5	20039	120
SRL-406HD	96825	150
SRL-410C-4RXN-1	58416	102
SRL-410C-9RXN-1	49148	104
SRL-410C-9RXN-3	97422	141
SRL-410C4-2-1	26411	101
SRL-410C4-4-1	33762	101
SRL-410C9-4-1	64804	103
SRL-410C9-4-3	96228	141
SRL-411C-4RXN-1	46268	101
SRL-411C-9RXN*1	42652	104
SRL-415	45218	152
SRL-420NHD-1	28782	79
SRL-420NHD-4	94925	135
SRL-433	40150	132
SRL-433	91757	76
SRL-441/U	55269	88
SRL-441/W	40222	88
SRL-460-1	54685	123
SRL-460-2	93078	153
SRL-480N-1	56913	83
SRL-480N-2	95306	83
SRL-480N-3	40747	139
SRL-480N-4	53961	139
SRL-488-1	38390	83
SRL-488-2	94163	83
SRL-570N	74017	160
SRL406NMBK-1	455394	120
SRL406NMBK-2	435366	120
SRL406NMBK-4	440327	120
SX-50S-065-13D00	75598	179
SX-50S-065-17D00	10777	181
TC-2212	32440	301
TC-2214	70833	303
TC-3212	57619	307
TC-3214	96012	308
TC-4112-EHP	89928	313
TC-4212	31191	311
TC-4214	17977	314
TC-4215	56370	316
TC-4225-HP	81549	316
TJ-2212	32965	301
TJ-2213	84572	302
TJ-2214	41111	303
TJ-2215	19751	303
TJ-3212	97786	306
TJ-3213	59393	307
TJ-3214	28985	308
TJ-3215	80592	310
TJ-4232	15771	312
TJ-4233	34214	314
TJ-4234	72607	314
TJ-4235	21000	315

Sinclair, a manufacturer of high-quality fixed antennas, filters, receiver multi-couplers, transmitter combiners and antenna systems. Products are used extensively in the public safety and government sectors.

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Mfg. Part Number	SKU	Page
artBridges		
mart Bridges		
to the future...		
artBridges, with its carrier-class, y-to-deploy indoor and outdoor radi- and access points, offers high perfor- nce, robust, and cost-effective eless infrastructure for WISP, SIs and Rs.		
B2110	482394	687
B2200	485320	680
B2500	478303	680
B2510	490327	687
B2700	413350	674
arteq		
0437	453100	1004, 1040, 1055, 1063
0939	464197	1085
0962	486127	1015
C Electromount		
04T	89780	1385
04TS	42445	1385
06T	86033	1385
06T/25PK	34426	1385
06TS	80838	1385
06TS/25PK	29231	1385
07VFM	25667	1387
08T	84784	1385
08T/25PK	95547	1385
08TS	67624	1385
09VFM	12453	1387
10T	54410	1385
11VFM	50846	1387
12T	91554	1385
13VFM	66375	1388
15VFM	64060	1388
202	27168	1627
04UT	39947	1385
06UT	26733	1385
08UT	13519	1385
10UT	90305	1385
03	58356	1388
2BTD	25484	1366
1BCS	63352	1390
2BTD	11745	1366
04	38698	1388
04/25PK	74441	1388
05	51387	1388
05/25PK	36048	1388
10	47640	1388
10/25PK	22834	1388
106TIL/611UP	16024	1392
611	40586	1392
611	92193	1392
S2X-2SM	91470	1367
ASH PRO PLUS	77381	1391
MB-1	84124	1389
MB-2	75514	1389
BR-1	37003	1384
y Ericsson Mobile Comm.		
Sony Ericsson		
y Ericsson Mobile Communications rs mobile multimedia consumer ducts for people who appreciate the sibilities of powerful technology.		
NTK10246	453012	760, 766, 775, 1131, 1136, 1140
KB193105/75	413139	749
KB1931051	456192	761
KB1931052	483136	761, 767
ML162085/55	451032	750
ML162098/55	99982	750
ML1621017	86539	749
ST-19	416378	1132
LA-12	468393	1132
PY1011286	30116	751
DPY1012297	423091	756, 759, 765, 770, 774, 1130, 1135, 1141
DPY901030	496014	758, 1152
DPY901047	444003	755, 759, 765, 770, 773, 1130, 1135
DPY901062	415137	751, 755, 759, 765, 770
DPY901075/01	79864	761, 1391
DPY901077/01	490058	753, 757, 762, 767, 1129, 1133
DPY901110/01	438085	756, 760, 766, 770, 1141
DPY901130	476197	755, 759, 765, 770, 1130, 1135
DPY901140	476048	758
DPY901194/1	461053	759
DPY901194/2	423052	755
DPY901220	463320	757
DPY901222	435090	755, 759, 765, 769, 773, 1130, 1135
DPY901224	456060	755
DPY901236	437022	756, 760, 766, 771, 774, 1131, 1135, 1137
DPY901240	498175	756, 760, 766, 771, 775, 1131, 1137
DPY901260	473167	754, 757, 764, 768, 772, 1129, 1134
DPY901263	467171	756, 766, 771, 1137
DPY901268	492180	774, 1137
DPY901270	440121	751, 765, 770, 774
DPY901272/02	425368	759, 765, 770, 774, 1141
DPY901279	449156	773
DPY901280/01	466145	756, 759, 765, 770, 774, 1141
DPY901282	437150	772
DPY901306	459191	765, 770
DPY901323	481396	755, 759, 765, 769, 773, 1135
DPY901327	487347	771
DPY901328	486382	755, 759, 765, 769, 773, 1135
DPY901334	432347	774, 1135, 1137
DPY901365	415391	1133
DPY901370/1	427367	1134
DPY901370/2	443389	1134
DPY901370/3	425378	1134
DPY901370/4	475324	1134
DPY90198	423039	757
ICE-20	441329	1129, 1132
KRY1011004/02	485071	758
KRY1011652	475059	753, 761, 1391
KRY1031001/55	73401	753, 761, 1391
KRY1041297/1	432026	758, 772
KRY1041300/1	435017	754
NTK102018	471166	764, 768
NTK102022	447318	753, 756, 760, 766, 774, 1131, 1133, 1135, 1137
NTK102023	433375	753, 756, 760, 766, 774, 1131, 1133, 1135, 1137
NTK102031	423355	757, 764, 768, 772, 1129, 1134
NTK102034	426312	1132
NTK102035	487336	1132
NTK102036	462356	1132
NTK102037	412383	1132
NTK102038	433317	762, 767
NTK102039	426342	762, 767
NTK102040	488318	762, 767
NTK102041	451365	762, 767
NTK102043	435362	1129
NTK102044	475349	762, 767
NTK102045	454352	1130, 1134, 1152
NTK102047	488332	1133
NTK10290	467167	762
NTK10296	460345	764, 769
NTK10299	460327	764, 769
RLC509401/02	421351	755, 759, 765, 769, 773, 1135
RLF50106/55	86541	751, 1141
SXK1076820	92214	750, 758, 769, 1149
Source Supply Co.		
F33008	86530	1760
F33012	36172	1746
F33012	75372	1746
TC5345A	442040	1746
TC5345A	451045	1746
SpectraLink		
CPA316	13997	698
CPD316	485345	698
CPM316	28215	698
CPP316	429008	698
CSC300	49402	699
CSC301	49173	698
CSC320	49177	698
JPI300	49403	699
MCS300	49160	698
MKA320	49154	698
MKR150	76910	699
MOG500	481058	698
PTB400	74366	699
PTB410	63650	699
PTB600	434094	699
PTB610	487340	699
PTB800	427342	699
PTB810	411209	699
PTC400	412029	700
PTH100	61152	700
PTH200	99545	700
PTO310	29728	700
PTO320	42942	700
PTO335	88829	700
PTO340	68121	700
PTO345	16514	700
PTO350	417338	700
PTO410	74833	700
PTQ360	37222	700
PTS330	22759	699
PTS360	50436	699
QPS100A	431047	700
RCC400	13999	698
RCC410	25257	698
RCH400	92124	698
RCO400	49179	698
RCO410	54907	698
SCA516	89467	698
SCF516	89522	698
SCX516	89530	698
SVP100	482141	699
TGA116	445142	699
TGF116	468367	699
TGN116	417340	699
TGX116	432162	699
TPS100A	416135	699
Stirling Connectors USA		
S-WRS-L	440195	447
S-WRS-S	459134	447
SF-59-C-295	460116	447
SF-81-GB-1	492196	447
SF-81-GB-2	483110	447
SF-81-HP	415156	446
SF-81-MF-90	499194	446
SPL-59	432136	447
SPL-6	459180	447
SPL-6	475220	447
SPL-6-Q	478111	447
SPP-11	455168	447
SPP-11	458192	447
STR-59	452154	446
StockCap		
.562-1-1/2"IL STK	14741	1751
.562-1-1/2"IL STK	38671	1751
1.0-1-1/2"IL STK	49387	1751
1.500-24(1-1/2 IL	63850	1751
Streamlight Inc.		
13048	423061	1654
13060	427062	1654
20170	417360	1655
22051	448143	1654
22052	461121	1654
22311	429141	1654
25041	417000	1654
25107	432019	1654
25170	414100	1654
30005	497076	1655
30010	468078	1655
33000	456088	1655
33004	448048	1655
44007	443128	1654
44200	463090	1654
45127	411027	1654
45705	476017	1654
45901	434056	1654
45908	460387	1654
45921	475047	1654
45937	466192	1654
61007	496306	1656
65004	444061	1655
65006	474017	1655
65018	423075	1655
68001	446030	1655
68004	496143	1655
68005	430092	1655
68007	455028	1655
68900	492170	1655
75013	445119	1656
75014	414164	1656
75175	432125	1654
75914	451023	1654
76024	440020	1654
85004	483303	1656
SunWize		
103000SW10	446016	615
103000SW20	419014	615
103000SW40	457058	615
103000SW5	455040	615
950UNIILRGKITB	480312	616
950UNIIMEDKITB	497329	616
950UNIISMLKITB	422328	615
AIR-LX-1	461372	614
AIR-LX-2	472351	614
AIR-MI4-1	486377	614
AIR-MI4-1P	496354	614
AIR-MI4-2	437394	614
AIR-MI4-2P	483350	614
AIR-MI4-4	436345	614
AIR-MI4-4P	445357	614
AIR-MX-1	478392	614
AIR-MX-2	432300	614
ALPHA	74960	616
ALPHA/LCD	86925	616
AP50	481335	615
DLS15	423048	618
DLS24-25	481047	618
DLS30	487091	618
DLS45	425016	618
DLS55	448011	618
DR1512	20783	617
DR1524	18285	617
GAMMA	23353	616
GAMMA/LCD	35318	616
GR02AP50	467358	615
GR02SM110	461367	615
GR02SM55	93424	615
GR02SP140	414390	615
GR02SP75	92175	615
GR02SW115	473305	615
GR02SW90	458368	615
GR04AP50	446358	615
GR04SM110	463378	615
GR04SM55	40568	615
GR04SP140	422388	615
GR04SP75	78961	615
GR04SW115	444395	615
GR04SW90	461369	615
OMEGA	48532	616
OMEGA/LCD	22104	616
PS01SM110	451366	615
PS01SP140	430391	615
PS01SW115	434340	615
PS02AP50	499358	616
PS02SM110	443376	616
PS02SM55	52008	616
PS02SP75	90401	616
PS02SW115	410386	616

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Manufacturer / Mfg. Part Number Index

Mfg. Part Number	SKU	Page
PS02SW90	486378	616
PS04SM55	38794	616
PS15	441368	617
PS15M	431345	617
PS15M-48	440365	617
PS15M-48V-PG	494386	617
PS30	480394	617
PS30M	423388	617
PS30M-PG30	492325	617
PVX-1040T	95795	618
PVX-1265T	67834	618
PVX-2580L	45337	618
PVX-340T	97044	618
PVX-490T	73292	618
PVX2120L	85484	618
SIGMA	61746	616
SIGMA/LCD	73711	616
SM110-12	465328	614
SM110-24	454310	614
SM50-H	61276	614
SM55	99669	614
SOLSUM 5.0	47283	616
SOLSUM 6.6/LVD	72462	616
SOLSUM 8.0	20855	616
SOLSUM 8.8	59248	616
SP130	431396	615
SP140	422336	615
SP150	411311	615
SP75	34848	614
SR-50	69888	614
SS10-12	497347	616
SS10-24	422364	616
SS10L-12	499363	616
SS10L-24	445352	616
SS20L-12	464393	616
SS20L-24	435316	616
SS6-12	479394	616
SS6L-12	421378	616
ST-10	33561	614
ST-20	35675	614
ST-40	35730	614
ST-S	77478	614
SW115	494330	615
SW120	497323	615
SW4024	42215	617
SW4048	29001	617
SW90	458359	615
SW95	480383	615
TG100024900TGAAII	474039	613
TG20012480TGAAIII	444055	613
TG20024480TGAAIII	424023	613
TG30012480TGAAIII	455066	613
TG30024240TGAAIII	438081	613
TG40012000TGAAII	476055	613
TG40024500TGAAIII	462019	613
TG45024500TGAAIII	447003	613
TG60024750TGAAIII	489019	613
TG80024750TGAAIII	485067	613
TP05-12-38CIAAIII	448008	613
TP10012120FPAAIII	456002	613
TP10012240FPAAIII	481033	613
TP10024120FPAAIII	423032	613
TP1012-38CIAA-III	492096	613
TP11512240FPAAIII	444367	613
TP15012240FPAAIII	418074	613
TP15024120FPAAIII	498315	613
TP15024240FPAAIII	481008	613
TP18012240FPAAIII	480352	613
TP18024120FPAAIII	497350	613
TP20012240FPAAIII	496040	613
TP201238-CPAA-III	426076	613
TP23012240FPAAIII	451341	613
TP23012480FPAAIII	436325	613
TP23024120FPAAIII	470335	613
TP30012240FPAAIII	490056	613
TP30024240FPAAIII	495061	613
TP401279-CPAA-III	476395	613
TP5012-120CPAAIII	440033	613
TP7512120CPAAIII	437070	613
TP9012240FPAAIII	470368	613
U-PS/52L	467375	616
UX1112	33101	617
UX1112SB	33014	617
UX612	73845	617
UX612SB	21656	617
WHI-H40-24	486394	614
WHI-H40-36	458357	614
WHI-H40-48	488375	614
WHI-H40M-24	475370	614
WHI-H40M-36	434351	614
WHI-H40M-48	487369	614
WPVGEN	18683	614
XP-1100-12	435313	617
XP-125-12	23940	617
XP-125-24	10726	617
XP-250-12	50368	617
XP-250-24	88761	617
XP-600-12	63582	617
XP-600-24	11975	617

Superior Comm.

Mfg. Part Number	SKU	Page
00228	22770	1031, 1046, 1060
00230	22789	1031, 1046, 1060
01918	11100	1347
01919	49493	1347
02052	19014	1146
06843	57549	1348
06945	73371	1348
14743	24957	1348
18633	71763	1148
18655	45967	1734
18687	66086	888, 1146
18742	99706	1393
20343	423059	1348
20345	450006	1348
20850	69408	1146
20852	68807	1146
21245	67779	1348
21643	69514	1348
21843	27937	1348
22818	97127	1044, 1058, 1067, 1347
22819	54276	1044, 1058, 1067, 1347
22821	53461	1031, 1046, 1060
22845	166581	1067, 1348
22845	68265	1007, 1044, 1059, 1067, 1076, 1348
22852	95800	1042, 1057, 1065, 1146
22886	15068	1031, 1046, 1060
22945	550511	1067, 1348
23008	395761	038, 1054
23043	70763	1007, 1044, 1059, 1067, 1075, 1348
25016	92432	964
25021	75471	965
27843	489380	1348
27845	458398	1348
28943	479008	1348
30343	455099	1348
31743	78007	1348
31752	92182	752, 1146
31821	39078	749
31843	25439	1348
31845	60795	1348
32443	452059	1348
32543	491077	761, 1348
329	85627	1040, 1055, 1063
41118	94369	1347
41119	415072	1347
41143	506188	890, 1348
41145	93990	890, 1348
41186	11909	885
41643	469346	920, 1348
41645	462337	920, 1348
45643	457009	875, 899, 925, 1348
46045	418076	1348
46543	91167	1348
46643	454357	909, 1348
46645	426348	909, 1348
90289	421114	838, 1138

Superior Communications

Mfg. Part Number	SKU	Page
46043	471060	1348

Superior Wire

Mfg. Part Number	SKU	Page
14SW	97549	1764
18SPT-1000	36385	1764
18SPT-1000	60623	1764
18SPT-1000	74778	1764
18SPT-250	10189	1764
18SW	59156	1764
18SW-1000	49444	1764
AK10-BLACK	73002	1762
AK10-RED	62286	1762
AK4-BLACK	21395	1762
AK4-RED	10679	1762
AK8-BLACK	34609	1762
AK8-RED	23893	1762
AP10 BLACK	55689	1762
AP10 BLUE	439123	1762
AP10 GRAY	481176	1762
AP10-500-GREEN	73977	1762
AP10-BLACK	71801	1762
AP10-GREEN	92742	1762
AP10-RED	20194	1762
AP10-RED	94082	1762
AP12-500 YELLOW	79619	1763
AP12-BLACK	16047	1762
AP12-BLACK	42475	1762
AP12-BLACK	46866	1762
AP12-GREEN	33652	1763
AP12-GREEN	54440	1763
AP12-ORANGE	72851	1763
AP12-RED	29261	1763
AP12-RED	41226	1763
AP12-RED	85259	1763
AP14-100 WHITE	98889	1763
AP14-BLACK	28012	1763
AP14-BLACK	72045	1763
AP14-BLACK	91584	1763
AP14-BLUE	21244	1763
AP14-BROWN	84010	1763
AP14-GREEN	58831	1763
AP14-GREEN	66405	1763
AP14-GREEN	78370	1763
AP14-ORANGE	45617	1763
AP14-RED	14798	1763
AP14-RED	20438	1763
AP14-RED	65156	1763
AP14-WHITE	29386	1763
AP14-YELLOW	13549	1763
AP14-YELLOW	53191	1763
AP14-YELLOW	97224	1763
AP16-100 BLUE	83042	1763
AP16-100 YELLOW	59637	1764
AP16-1000 BLACK	46622	1763
AP16-1000 BLUE	54645	1763
AP16-1000 RED	85015	1763
AP16-500 BLACK	51942	1763
AP16-500 BLUE	41630	1763
AP16-500 GREEN	90335	1763
AP16-500 ORANGE	21443	1763
AP16-500 YELLOW	77121	1764
AP16-BLACK	34657	1763
AP16-GREEN	99478	1763
AP16-ORANGE	25918	1763
AP16-RED	38728	1763
AP16-RED	61085	1763
AP18-BLACK	25514	1764
AP18-BLACK	32403	1764
AP18-BLACK	89086	1764
AP18-BLUE	95975	1764
AP18-GREEN	19189	1764
AP18-GREEN	37479	1764
AP18-GREEN	63907	1764
AP18-ORANGE	44368	1764
AP18-RED	12300	1764
AP18-RED	24265	1764
AP18-RED	70796	1764
AP18-YELLOW	11051	1764
AP18-YELLOW	50693	1764
AP18-YELLOW	57582	1764
AP8-100 RED	36230	1762
AP8-BLACK	32232	1762
AP8-BLACK	87837	1762
AZ10	27167	1764
AZ12	30546	1764
SK12-250	88714	1764
SK14-250	87850	1764
SK16-250	37107	1764
SK18-250	75500	1764

Symbol Technologies

Mfg. Part Number	SKU	Page
1902T	490148	1227
P370	494359	1227

T

T.J. Cope, Inc.

Mfg. Part Number	SKU	Page
PS-450-10PG-SPPRC	88603	523

Techspray

Mfg. Part Number	SKU	Page
1610-50	493117	1698
1610-N	62802	1698
1610-P	62789	1698
1613-6S	460175	1700
1620-10S	42072	1698
1621-10S	80465	1703
1621-4S	55172	1703
1622-10S	28858	1700
1622-10S	40072	1700
1625-18S	35156	1701
1630-16S	428365	1701
1631-16S	462341	1703
1632-16S	429345	1701
1663-18S	99952	1700
1663-8S	28162	1700
1664-18S	48345	1698
1664-8S	53341	1698
1665-6S	55197	1703
1665-8S	91734	1703
1667-18S	73524	1699
1667-8S	26913	1699
1668-18S	21917	1699
1668-8S	13699	1699
1671-10S	41760	1698
1671-10S	70140	1698
1672-10S	46955	1703
1672-10S	56926	1703
1675-12S	86666	1699
1677-12S	65927	1699
1677-12S	66685	1699
1677-22S	15078	1699
1677-22S	52713	1699
1679-PT	59191	1703
1679-PT	80352	1703
1697-10S	80648	1697
1697-8S	80657	1698
1702-QP	55214	1697
1726-2FP	476099	1697
1733-PT	62828	1697
1743-50PK	53619	1701
1743-DSP	59403	1701
1747-10S	15096	1697
1747-10S	40710	1697
1801-50F	10009	1676
1802-50F	10032	1676
1803-50F	34598	1676
1804-25F	34612	1676
1804-50F	34613	1676
1804-5F	34604	1676
1806-5F	34625	1676
1809-5F	34629	1676
1815-5F	51055	1676
1816-5F	89448	1676
1817-5F	37841	1676
1991	88683	1707
2032-1	19530	1707
2103-12S	465185	1705
2111-N	461192	1704
2112-6S	61584	1699
2300-1000	50901	1708
2301-100	30719	1708
2302-50	43933	1708
2313-30	81641	1708
2314	69112	1708
2410-12S	25180	1699
2410-12S	84370	1699
2411-12S	87321	1701
3205-9S	70200	1709
3500-11S	492308	1706
3505-11S	417316	1705
3510-14S	460347	1705

Tektronix

Mfg. Part Number	SKU	Page
016-188-700	473171	1486
016188800	440151	1461
016188900	488168	1461

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Mfg. Part Number	SKU	Page
16099600	417192	1461
19514500	467177	1459
19514600	415194	1458
19515400	479184	1459
502C	45257	1419
C220	43883	1486
C3000	84180	1486
420	52939	1486
2200	497346	1485
5205	21765	1486
6109B	63386	1485
6111B	57414	1485
6117	53964	1485
6139A	43737	1486
S2520G	98504	1511
S2521G	476217	1511
S280	76791	1510
DS1012	418121	1482
DS2002	480127	1482
DS2012	420134	1482
DS2014	484148	1482
DS2024	419174	1483
DS3012B	454159	1485
DS3014B	415191	1485
DS3032B	468117	1485
DS3034B	410173	1485
DS3052B	414115	1485
DS3054B	483172	1485
DS3AAM	474149	1485
DS3BAT	96882	1486
DS3GV	414156	1486
DS3PRT	439174	1486
DS3TMT	71158	1486
DS5052	487156	1486
DS5054	463187	1486
DS5104	466186	1486
HS720A	82856	1484
HS720P	58689	1484
HS730A	16786	1484
HS730A3B	47480	1484
OP130/34	66877	1458
OP140/34	15270	1458
OP160/34	61445	1459
OP200/34	40449	1459
OP300/34	65628	1457
VSTRO	48829	1486
OTDRCNI	449076	1461
OTDRCTV	465071	1461
OTDRLAN	443032	1461
OTDROPR	430065	1461
SL1516	472106	1461
etronics Int'l Inc.		
2-101	436022	707
2-102	465384	707
2-205	410368	707
2-206	429330	708
2-212	416346	708
2-213	417388	708
3-502	411320	708
5-201	441364	210
5-310	456391	683
7-201	438391	708
7-503	424393	548
7-601	497399	69
7-602	436393	70
7-603	440383	69
MP5800-10	495365	708
ewave, Inc.		
4A/N	87710	1425
4A/T	99675	1425
4A/UHF	74496	1425
4AP/N	36103	1425
4AP/UHF	61282	1425
NT150D	67527	27
NT150D3	15920	29
NT150D6-9	92706	31
NT150F6-2	41099	27
NT150F6-3	79492	27
NT150F6-6	31395	27
NT150F6-7	27885	27
NT1920Y12-WR	29416	162
NT450D	33605	53
NT450D6-9	20391	55
NT450F10	97177	53

Mfg. Part Number	SKU	Page
ANT450F6	45570	49
ANT850F10	43507	83
ANT850Y10-WR	49672	119
ANT930Y12-WR	49608	152
ANT930Y12-WR90	73462	152
ANT940Y10-WR	20314	149
ANTPD21	19017	69
ANTPD218	99343	69
ANTPD218D	73076	69
ANTPD224	58626	69
ANTPD24	10998	69
ANTPD28	22963	69
ANTPD28D	71827	69
ANTPD29	56360	69
ANTPD29D	97006	69
ANTPD31	11523	69
ANTPD318	21469	70
ANTPD318D	59862	70
ANTPD324	49821	70
ANTPD34	36177	69
ANTPD38	99749	69
ANTPD38D	20220	69
ANTPD39	94753	70
ANTPD39D	83792	70
ANTPD41	49916	70
ANTPD418	98255	70
ANTPD418D	46648	70
ANTPD44	74570	70
ANTPD48	17967	70
ANTPD48D	58613	70
ANTPD49	43146	70
ANTPD49D	32185	70
CBL02	87012	336
CBL03	73798	336
M101-150-1T	34956	300
M101-150-2TRM	43597	301
M101-150-3TRM	81990	302
M101-150-5TRM	55562	304
M101-150-6TRM	93955	304
M101-150-8TRM	29134	304
M101-450-1T	58060	305
M101-450-1TRM	86461	305
M101-450-2TRM	34854	306
M101-450-3TRM	73247	307
M101-450-4TRM	21640	308
M101-450-5TRM	60033	310
M101-450-7TRM	98426	310
M101-450-8TRM	85212	310
M101-860-10TRM	91682	318
M101-860-1T	83239	311
M101-860-3TRM	83438	313
M101-860-5T	18617	315
M101-860-5TRM	11610	315
ME001	67002	1426
PM-2A-300	41298	335
PM-2A-50	66477	335
PM-2A-900	14870	335
PM-2A-900	19045	335
PM-2A-900	62531	335
PMI0C2S	16119	335
PMICIS-300	16886	335
PMICIS-300	42192	335
PMICIS-50	39972	335
PMICIS-50	93799	335
PMICIS-900	78365	335
PMICIS-900	80585	335
PM2A300NM/NF	47488	335
PM5CIS-300	65151	335
PM5CIS-300	67371	335
PM5CIS-50	26758	335
PM5CIS-50	28978	335
PM5CIS-900	13544	335
PM5CIS-900	15764	335
PS1502/N	40049	69
PS1504/N	78442	70
PS4502/N	65228	69
PS4504/N	13621	70
PS8602	48411	69
QC44N	43796	1430
QC44S	37551	1430
QC44T	24337	1430
QCLNF	82278	1430
T-8660 N/F	33351	331
T1530	36302	330
T1530H	22381	330
T1560	11123	330

Mfg. Part Number	SKU	Page
T1560H	51467	330
T4530	33169	331
T4530H	94801	331
T4560	62730	331
T4560H	48809	331
T8630	23088	331
T8660H	43194	331
TC44	11101	1426
TGA450-12/N	19511	340
TGA860-12/N	57904	341
TLA150-12/N	40952	339
TLA150-12/N	88878	339
TLA450-12/N	37271	340
TLA450-12/N	51668	340
TLA860-12/N	63633	339
TLA860-12/N	64329	339
TLA860-12/N	75664	341
TLA860-12/N	98146	340
TMND-1516	35680	287
TMND-1616	22466	290
TMND-1716	60859	291
TMND-4516	99252	295
TMND-4616	47645	296
TPCD-1554	59508	286
TPCD-1556	97901	286
TPCD8626	46294	297
TPCD8626HP	65789	297
TPCP-45215-2	75044	276
TPCP4546	47120	276
TPCP8626	98625	281
TPRC1508-1	90407	270
TPRC4508-1	38800	273
TPRC8604-1	77193	279
TPRD-1556	22741	288
TPRD0454	63979	283
TPRD0754	12372	283
TPRD1454	16022	287
TPRD1454	56811	288
TPRD1554	25387	286
TPRD4544	85411	295
TS150PB1	451119	331
TS150PB1	53064	331
TS1545	91770	333
TS1580	452310	333
TS1590	446836	333
TS450PB1	32356	330
TS4680	20590	333
TS4680-7/16	51128	333
TTPD-8644 816-821	28065	299
TTPD8642	89158	298
TTPD8644 811-816	63255	299
TWL100NF	71274	1432
TWL100UF	19667	1432
TWL150NF	66278	1432
TWL150UF	14671	1433
TWL35NM	10924	1432
TWL35UM	49317	1432
TWL50NF	80216	1432
TWL50UF	28609	1433
TWL75NM	92181	1432
TWNC1508-1	80741	270
TWNC4504-1	57493	273
TWNC4508-1	82189	273
TWNC8604-1	50774	279
TWPC0305-1	97702	263
TWPC0410-1	17368	263
TWPC0708-1	32881	263
TWPC1505-1/NF	55761	268
TWPC1508-1	94154	267
TWPC4505-1	42547	272
TWPC4508-1	80940	272
TWPC8604-1	29333	278
TWPC8608-1	67726	278
TWR16-450	19341	323
TWR16-450-1R	10734	323
TWR16-50-500-1R	23948	321
TWR16-860	57734	327
TWR16-860-1R	35913	327
TWR16-860-1R-BNC	61092	327
TWR24-860	96127	328
TWR8-150	44520	320
TWR8-450	82913	322
TWR8-450-1R	49127	323
TWR8-50-500-1R	62341	320
TWR8-860	48792	324
TWR8-860-1R	87520	324

Mfg. Part Number	SKU	Page
TWR8-860-1R-BNC	22699	326
TZM150	69699	334
TZM450	18092	334
TZM800	32134	334
Telex Comm.		
400023-001	25792	1199
400023-002	415004	1199
400024-001	83771	1199
400024-002	74507	1199
400054-000	56162	1199
400055-000	31379	1199
400100-093	40162	1200
400100-096	93018	1200
400100-130	18505	1200
400100-135	14983	1200
400100-153	438002	1200
400100-153	456313	1200
400100-154	421339	1200
400100-155	458322	1200
400100-156	446312	1200
400100-157	454336	1200
400400-069	90520	1200
400400-093	77306	1200
400400-135	52127	1200
400400-138	416383	1200
400400-147	77655	1200
400400-153	460328	1200
400400-155	488388	1200
400400-156	489354	1200
70770-500	57749	1198
800036-007	471000	1199
800036-009	475009	1199
860078	454048	1199
860079	460009	1199
860080	436010	1199
860081	461023	1199
860082	445003	1199
860083	472005	1199
860084	412003	1199
860085	436006	1199
860086/66/70	485027	1199
860086/66/74	420079	1199
860086/66/76	426013	1199
860087/67/71	487027	1199
860087/67/75	494089	1199
860087/67/77	497035	1199
860088	456009	1199
860104-18ASTRO	471311	1198
860104-22GP900	451355	1198
860104-23GP318	482308	1198
EM-200	89271	1199
EM-500	496361	1199
HS-600	71586	1198
HS-601	58372	1198
HS-975V	485354	1198
HS-976V	414360	1198
MM-900	89571	1200
NH-9001	16232	1198
STINGER 700	54625	1198
TACTICAL STINGER	420082	1198
TACTICAL STINGER	445058	1198
TEMPO		
0134-0500	476398	1452
1185-5011	428330	1449
45055	413301	1453
468	427344	1450
468C	437352	1450
SIDEKICK 7B	466217	1446
SIDEKICK T&N	476200	1447
TS90	462320	1418
Teracom Components Inc.		
00NF-F114-AD00	419103	420
00NF-F158-AC00	21407	422
00NM-F114-AD00	493161	420
716F-F012-G0	58483	412
716F-F078C0	59568	417
716F-F114-AD00	457116	420
716F-F158-AD00	21403	422
716F-S012-A0	97828	407
716F-S012-BO	493041	408
716M-F012-G0	58482	412
716M-F078C0	97961	417
716M-F114-AD00	444126	420
716M-F158-AD00	21404	422

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Manufacturer / Mfg. Part Number Index

Mfg. Part Number	SKU	Page
716M-F214-AB00	45779	423
716M-S012-A0	33007	407
716M-S012-BO	437010	407
CONK-F012-G0	437058	1558
CONK-F078-E0	31167	1558
CONK-F114-A0	65959	1558
CONK-F158-AC00	477057	1558
CONK-F214-AA00	25887	1558
CONK-FO12-FO	415068	1558
CONK-S012-B0	71400	1558
EARK-F012-A0	77924	460
EARK-F012-B0	52745	460
EARK-F078-B0	38282	460
EARK-FI14-A0	76675	460
EARK-FI58-A0	25068	460
ICST-000N-A1	94896	1558
ICST-7160-A0	18110	1558
NF-F012-G0	58453	412
NF-F078-C0	23669	417
NKC-84 63 78	432082	422
NM-F012-G0	58419	412
NM-F078-C0	10455	417
T4AM-7160-E0	10853	69
Termcon Incorporated		
BATAP-25	74164	1731
BATAP-K	22557	1731
FUSTPR BL	16068	1721
FUSTPR BL	92265	1721
FUSTPR BRASS	28765	1719
FUSTPR BRASS	36928	1719
FUSTPR BRASS	67158	1719
FUSTPR BRASS	68924	1720
FUSTPR RD	11732	1721
FUSTPR RD	54461	1721
FUSTPR YW	50125	1721
FUSTPR YW	92854	1721
QUICK BOLTS	41460	1731
RND BRASS	18049	1717
RND BRASS	94179	1717
SPU	32513	1731
SPU	67675	1731
SPU-GMA	84634	1732
SPU-GMA	88199	1732
SPU-LONG	36592	1731
SPU-LONG	90983	1731
SPU-20188	93880	1732
SPU-20138	42273	1732
VMU	41247	1732
VMU	70906	1732
TESSCO Service Solutions		
TRAINING	447332	1402
TESSCO Services		
1065	60862	1155
1072E	71180	1155
1079	99255	1155
1109	46001	1155
1113	84394	1155
1117	32787	1155
1314E	47648	1155
1475	46399	1155
1477 STK	98006	1155
2008E	64609	1153
2010	48897	1153
2030	40281	1153
2035	65717	1153
2087	37618	1153
2190	76011	1153
2251	87290	1153
2252	25653	1153
2253	64046	1153
2256	62797	1153
2452	52246	1153
2455	12439	1152
2456	50832	1152
2457	89225	1152
25C100HSC3	28680	1756
25C150HSC3	84364	1756
25CNFH3	20792	1759
25NLOC3	97578	1760
25NSLG/LONG	35255	1752
25NWFL3/5/80D	59185	1760
25R100BHLSZ	85613	1752
25R125BHLSZ	86862	1752
25R150WFES2	45971	1761
3/8JUMPER-N3	62644	451
3/8JUMPER-N6	23002	451
3001	77823	1154
3006	26216	1154
3036	59215	1154
3111	97608	1154
31R300BHLSG	62695	1752
3454	22469	1154
37NLOC3	36504	1760
37NSLG/SHORT	73648	1752
37NWFL3-7/8OD	23290	1760
37R125BHLSZ	48469	1752
8219 NM UF	37051	1512
AE-127603	44543	449
AE-12807-3	12361	449
AE-128076	50754	449
AE-12810-10	86649	449
AE-12810-3	99863	449
AE-12810-6	48256	449
BLK/WB	39430	1154
CBL-LUCENT-NM-18	471193	683
CFC NOTICE	70990	1698
CHLB	13569	1154
FITTING RG	60981	426
FITTING RG	88701	426
FITTING	17172	426
FITTING	18421	426
FITTING	30386	426
FITTING	31635	426
FITTING	32767	426
FITTING	68779	426
FITTING	71160	426
FITTING	93958	426
FJ-D6L	66658	451
FJ-DN6L	28265	451
FJ-DN8L	53444	451
FJ-N6L	41479	451
FJ-N8L	15051	451
FLEXJUMPER-D0	45834	451
FLEXJUMPER-N3	56876	451
FLEXJUMPER-N6	33869	451
FLEXJUMPR-DN15	468192	451
FLEXJUMPR-DN20	487106	451
FLEXJUMPR-DN30	464142	451
GW/H4	88612	1154
GW/JC	63433	1154
GW/WB	91037	1154
GW26	89861	1154
GWDH04BL	37005	1154
HT/BNC ADAPT	65760	428
J-CR540-D0	25914	453
J-CR540-D3	90735	453
J-CR540-D6	39128	453
J-CR540-DN6	12700	453
J-CR540-DN8	51093	453
J-CR540-N0	52342	453
J-CR540-N3	27163	453
J-CR540-N6	65556	453
JUMPER-D0	96192	453
JUMPER-D4	14111	453
JUMPER-D6	57799	453
JUMPER-D6L	77374	453
JUMPER-DN3	15727	453
JUMPER-DN3L	13802	453
JUMPER-DN6	54120	453
JUMPER-N0	71013	453
JUMPER-N3	84227	453
JUMPER-N6	32620	453
LMR4JU-N3	15249	449
LMR4JU-NMCL-25	474108	449
LMR4JU-NMCL-50	417159	449
LMR4JU-NMRPTM-25	428150	449
LMR4JU-NMRPTM-50	482123	449
NIST-CAL	438370	1402
RELIEF FITTING	34953	426
RG142J-N3	55500	449
RG142J-NB	65018	449
RG142J-NT	68480	449
RG142J24-BB	466073	448
RG142J36-BB	462079	449
RG214-J-N8	93893	449
RG214JUMPER-N4	91171	449
RG393J-D6	18115	449
RG393J-N10	83411	449
RG393J-N3	79790	449
RG393J-N6	28183	449
RG393J-N8	19839	449
RG58/U LSMA/M-N/F	475001	684
RG58/U LSMA/M-N/M	462011	684
RG58J-NMRPTM	456111	448
RG8-NM6	27873	448
RG8-NMNF3	79480	448
STG 26/C - 2'X6'	90639	1152
SWH01	86427	1152
SWH01BL	89289	1152
SWH04	53495	1152
SWH06	91888	1152
SWL2	60429	1153
T-F4-PDMDM-10	432350	450
T-F4-PDMDM-3	465350	449
T-F4-PDMDMR-3	474341	449
T-F4-PNMNM-3	483357	449
T-FSJ4-50B-N8	462185	449
T-LCF12-N0	32976	451
T-LCF12-N3	59404	451
T-LCF12-N6	97797	451
T-LCF12-N8	84583	451
T-LCF12-NMF0	96548	451
T-LCF12-NMF6	19762	451
T-LCF12-NU6	29860	451
T-LCF12-PD0	62427	452
T-LCF12-PD3	37248	452
T-LCF12-PD4	86828	452
T-LCF12-PD6	75641	452
T-LCF12-PDN0	74392	452
T-LCF12-PDN4	55470	452
T-LCF12-PDN4	84211	452
T-LCF12-PDN6	87606	452
T-LCF12-PDN8	35999	452
T-LCF12-PN0	88855	452
T-LCF12-PN3	63676	452
T-LCF12-PN6	12069	452
T-LCF12-PN8	50462	452
T-S12-PDM0	39746	450
T-S12-PDM6	52960	450
T-S12-PDM8	91353	450
T-S12-PDMDF0	78072	450
T-S12-PDMDF6	66107	450
T-S12-PDMDM3	14567	450
T-S12-PDMNM6	13318	450
T-S12-PNM0	66174	450
T-S12-PNM12	68516	450
T-S12-PNM15	26334	450
T-S12-PNM8	27781	450
T-S12-PNMDM3	64925	450
T-S12-PNMDM8	90104	450
T-S12-PNMNM6	79388	450
T-SCF12-N0	47439	451
T-SCF12-N12	30123	451
T-SCF12-N3	22260	450
T-SCF12-N6	60653	451
T-SCF12-N8	99046	451
T-SCF12-NMF0	21011	451
T-SCF12-NMF3	85832	451
T-SCF12-NMF6	34225	451
T-SCF12-NMF8	72618	451
T-SCF12-NR6	94681	451
T-SCF12-PN3	40995	450
T-SCF14-N0	70192	450
T-SCF14-N1	476007	450
T-SCF14-N12	93310	450
T-SCF14-N2	70213	450
T-SCF14-N3	45013	450
T-SCF14-N6	83406	450
T-SCF14-N8	31799	450
T-SCF14-NB6	18585	450
T-SCF14-NB8	56978	450
T-SCF14-NMF8	30550	450
T-SCF14-NT6	82649	450
VB8JUMPER-N8	42536	448
TESSCO Tools		
4140CT/T	34384	1546
DATA COM KIT	448370	1527
DELUX FIBER KIT	488282	1528
ENGINEER KIT	497308	1526
INSULATED KIT	453102	1528
JTK-51	66506	1523
PREMISE KIT	431370	1527
SITE ENGINEER KIT	490168	1525
SITE ENGINEER KIT	49078	1525
SITE ENGINEER KIT	92467	1525
SP-1375	92609	1543
TELCO KIT 1	445319	1528
TELCOM KIT	478244	1527
TOOL KIT 1	24409	1530
TOOL KIT 1A	27768	1530
TOOL KIT 2	11195	1525
TOOL KIT 3	49588	1525
TOOL KIT 36	42756	1530
TOOL KIT 4	76718	1524
TOOL KIT 48	76911	1530
Test-Um Inc.		
KP100	414078	1456
KP200	497027	1453
KP300	463270	1453
KP400	492066	1453
KP402-A	448325	1453
LB100	424281	1453
LB200	446221	1453
LB255	420247	1453
LB40B	456233	1453
TG200	435322	1456
TP600	495279	1450
TP607	486294	1450
The Clip		
2001	419144	1151
2002	423128	1151
2003	478139	1151
461	488137	1151
777	467163	1151
CLIPMATE	26106	1393
CLIPMOUNT	92043	1393
GRIPMATE	13624	1393
MICROSWIVEL	29895	1151
MINIMATE	13247	1393
SWIVELCLIP	76819	1151
SWIVELMOUNT	28813	1393
TAB KIT	71347	1151
THE CLIP	77912	1150
THE CLIP-BULK	93624	1150
VIBRACLIP	78318	1151
Thermax/Sonic		
RGS142	86717	400
RGS400	67906	402
Thomas and Betts		
115RTB	463300	587
150RTB	473335	587
15500TB	450351	1548
15505	469368	1548
15506	477314	1548
15508	416338	1548
15510-CK	436351	1548
15511	423362	1548
15512	497354	1548
15513-CK	410322	1548
15514-CK	424320	1548
15520	424313	1548
15522	422362	1548
15526	415347	1548
15527CK	420343	1548
15528	424316	1548
15530	413351	1548
15534	461364	1548
200RTB	477313	587
251304851022	419388	567
256306951014	441357	567
256306951015	431308	568
256306951016	475309	568
256306951018	418368	568
256306951018P	424390	568
256306951094	419302	567
256306951095	478370	567
256306951116	478344	568
256306951116P	434369	568
256306951117	478394	568
256306951148	496397	568
256306951157	427359	567
256306951158	422301	567
256306951158PH	465338	567
256306951159	441306	568
256306951160	435306	568
256306951160PH	444356	568
256306951161	450356	568
256306951162	487346	568

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fg. Part Number	SKU	Page
56306951162P	442394	568
56306951184	462376	568
56306951225	451332	567
56306951225PH	447358	567
56306951233	427377	568
56306951234	474399	568
56306951236	471399	568
56306951245	429397	568
56306951246	458318	568
56306951246PH	479351	568
56306951265	464381	568
56306951298	481359	567
56306951298PH	483385	567
56306951300	498389	568
56306951337	455314	568
56306951355	492340	568
5630695251	451310	567
5630695252	496349	567
5630695253	497372	567
5630695255	436347	568
5630695257	428384	568
5630695329	424353	568
5630695399	428300	568
5630695733	473340	568
5630695868	446326	567
56314263	432306	567
95-31365M	432362	1547
2RTB	417319	587
5RTB	461343	587
00SC	493380	536
02	463314	536
4104	479391	566
4105	418390	566
4106	421389	566
4107	455325	566
4108	493331	566
4109	424330	567
4130	428399	566
4131	415348	566
4132	454358	566
4134	465345	566
4135	493323	566
4136	431398	566
4139	490368	566
4140	467301	566
4142TB	463332	566
4143TB	473366	566
4145TB	482396	566
4147	470392	566
4148	455323	567
4152TB	440322	567
4153TB	443353	567
4204	412306	567
42040410	419343	567
42040416	454365	567
4205	423317	567
42050516	470346	567
42050612	433328	567
4206	425307	568
4207	472347	568
4209	494341	568
42090410	430345	568
4210	488369	568
4212	476391	568
4255	410378	568
4504	419316	571
4505	448399	571
4506	488342	571
4507	447363	571
4508	421326	571
4509	441350	571
4705	441353	570
4710	484350	570
4715	422331	570
4720	452305	570
4725	461349	570
4730	430334	570
4735	491315	570
4740	477381	570
4745	432316	570
4750	499339	570
4804	486381	571
4805	420306	571
4806	426332	571
4807	472389	571
4808	445305	571

Mfg. Part Number	SKU	Page
54809	415313	571
54810BE	466391	568
54810BE0612PH	422326	568
54811BE	412389	568
54813BE	430374	568
54850BE	434305	567
54851BE	427374	567
54852BE	420334	567
54852BEPH	418327	567
54854BE	489363	568
54855BE	466344	568
54855LR12	411373	572
54856BE	422329	568
54857BE	485307	568
54859BE	495388	568
54860BE	486301	568
54865LR58	418337	572
54905BE	478359	566
54906BE	489300	566
54906BEPH	481321	566
54909BE	421371	567
54929BE	445397	566
54930BE	451309	566
54942BE	457399	566
54942BE04	418351	566
54942BE06	476314	566
54947BE	446347	567
54949BE	479319	567
58162BELP	483312	567
65RTB	487324	587
90RTB	439347	587
A-208	414328	534
A100-1/4	467370	534
A100-3/8	448313	534
A1200HS-10	441300	533
A1200HS-10PG	432330	533
A1200P-10	449381	533
AB241-1/2	460309	535
AB241-3/8	439315	535
B100-1/4	469340	534
B100-3/8	461311	534
B1400HS-10PG	418304	533
B1400HS10	473361	533
B1400P-10	443310	533
BCM	461304	589
BFC	424314	589
CB4-4-#2S14112	485359	584
CB4-4-2/014112	458321	584
CB4-4-214112	412380	584
CB4-4-250K14112	436330	584
CB4-4-4/014112	450349	584
CC1-3-#2	488340	581
CC1-3-#2S	469304	581
CC1-4-2/0	452358	581
CC1-4-4/0	490354	581
CC1-4-4/0S	435335	581
CC11-7-#2#2	479305	587
CC11-7-#2S#2S	420321	587
CC11-7-4/04/0	465320	587
CC2-4-#2#2	490319	586
CC2-4-#2S#2S	497363	586
CC2-4-2/0#2	495381	586
CC2-4-2/02/0	448393	586
CC2-4-4/04/0	439382	586
CC4-4-#2S#2S	488363	586
CC4-4-4/04/0	444352	586
CC7-4-#2#2	486387	582
CC7-4-#2S#2	435363	582
CC7-4-#2S#2S	462379	582
CC7-4-4/0#2S	433398	582
CC7-4-4/04/0	481380	582
CC7-4-4/0S4/0S	484361	582
CHS100	431339	1738
CHS100B	456332	1738
CHS12	491387	1738
CHS12B	462311	1738
CHS14	438324	1738
CHS14B	419361	1738
CHS18	490381	1738
CHS18B	475323	1738
CHS34	459339	1738
CHS34B	434396	1738
CHS38	438331	1738
CHS38B	484383	1738
CM100-1/4	437348	534
CM100-3/8	446350	534

Mfg. Part Number	SKU	Page
CR1-3-625#4	497391	577
CR1-3-625#4S	474327	577
CR1-4-625#2	429313	577
CR1-4-625#2S	457358	578
CR1-4-6252/0	468394	578
CR1-4-750#2	473300	577
CR1-4-750#2S	478355	577
CR1-4-7502/0	472375	578
CR2-4-5004/0	432355	578
CR2-4-500L4/0	479358	578
CR2-4-625#2	454303	578
CR2-4-625#2S	499354	578
CR2-4-6252/0	427362	578
CR2-4-6253/0	474392	578
CR2-4-6254/0	441394	578
CR2-4-750#2	446374	578
CR3-9-6254/0	460344	578
CS1-4-2/0	416307	583
CS1-4-4/0	435319	583
CS25-4-#2S	447355	583
CS3-4-#2	478325	584
CS3-4-#2/0C	468359	585
CS3-4-#2/0D	474393	585
CS3-4-#2C	428317	585
CS3-4-#2D	457351	585
CS3-4-#2S	467317	584
CS3-4-#2SC	424369	585
CS3-4-#2SD	462325	585
CS3-4-#4/0C	453329	585
CS3-4-2/0	459310	584
CS3-4-4/0	455304	584
CS32-2-#2C	438323	585
CS32-2-#2SC	414313	585
CS8-2-#2	429304	583
CS8-2-#2S	430303	583
CS8-2-#6	487308	583
DGC58-44	453350	573
DGC58-46	497334	573
DGC58-66	418328	573
ERG297	473304	1749
ERG299	483307	1749
FG210R2	419349	572
FG210R25	498368	572
FG210R3	496365	572
FGUN	419836	588
FRAME1	443309	588
FRAME2	478347	588
G4	431342	573
G5	415340	573
GG10-10	431340	571
GG21-21	478329	571
GR12-202	494317	571
GR58-202	429341	571
GTC23	428321	573
GTC24	435327	573
H-104 1/2X12	444311	535
H-104 3/8X12	445326	535
H-104 3/8X6	475321	535
H104 1/2X6	445331	535
H119-3/8	425343	535
HCPK1	444369	588
HCPK2	428322	588
HCPK3	452361	588
HCPK3A	456381	588
HCPK3B	457315	588
HCPK3BMOD	485378	588
HCPK4	443363	588
HCPK5	468376	588
HCPK7	415387	588
HCPK8	456357	588
JAB12H	422353	573
JAB58H	415327	573
L-11-40-0-C	424321	1749
L-11-40-9-C	419335	1749
L-14-120-0-C	455367	1749
L-14-120-9-C	450307	1749
L-14-50-0-C	475304	1749
L-14-50-9-C	443349	1749
L-4-18-0-C	422322	1749
L-4-18-9-C	486312	1749
L-7-50-0-C	458344	1749
L-7-50-9-C	447326	1749
MSC	470334	589
PACK-A	421353	589
SCR1-34-0020	429398	579
SCR1-34-1223	431368	579

Mfg. Part Number	SKU	Page
SCR1-34-3446	454392	579
SCR1-34-6808	419382	579
SCR1-58-0020	455315	579
SCR1-58-0040	478384	579
SCR1-58-1223	469398	579
SCR1-58-2010	432381	579
SCR1-58-3446	467389	579
SCR17-34-1223	472325	580
SCR17-58-1223	463346	580
SCR2-34-1223	434383	580
SCR2-34-2010	424328	580
SCR2-34-3446	434374	580
SCR2-58-1223	415386	580
SCR2-58-3446	475314	580
SCR24-58-3446	467351	581
SCR25-34-1223	489386	581
SCR25-58-1223	439380	581
SCR27-34-1223	446357	581
SCR27-34-3446	459343	581
STMI-TB	489309	589
TBM14BSCR	475377	1547
TBM14M	485386	1547
TBM15BSCR	495382	1547
TBM21E	479390	1546
TBM5S	496304	1547
TBM8S	494333	1547
TC5342A	479333	1746
TC5345A	451387	1746
TY25M	446319	1748
TY25MX	33310	1748
TY27MX	460306	1749
TY27MX	71703	1748
TY29MX	451393	1749
TY37MX	99380	1747
TY523M	451342	1749
TY523MX	482315	1749
TY524M	498302	1749
TY524MX	438335	1748
TY525M	438337	1748
TY525MX	499319	1749
TY526M	435336	1748
TY526MX	475338	1749
TY527M	470387	1749
TY527MX	446338	1749
TY528M	428347	1748
TY528MX	464369	1749
TY529M	445327	1748
TY529MX	478331	1749
WRB1	466389	588
WWB1	457317	589

Times Microwave

TIMES MICROWAVE SYSTEMS

Times Microwave Systems manufactures flexible, low-loss 50 Ohm LMR coaxial cables for use in wireless RF systems. LMR products include EZ connectors, installation tools and accessories.

3190-421	97526	1556
54046	73329	369
AA-8144	478339	400
AA-9096	453356	387
AE-12807-10	19966	451
AE-12807-8	71573	451
AE-12813-10	50865	453
AE-12813-6	25686	453
AE-12813-8	64079	453
AE-13097-3	96752	450
AE-13097-6	70324	450
AE-13099-10	42647	450
BHA-KIT	46174	407
CS-4060T	95040	1744
CT-240/200/100	68256	1544
CT-400/300	68254	1544
DBT01	35229	1561
EZ-1200-716FC	39934	417
EZ-1200-716MC	53148	417
EZ-1200-NFC	21422	417
EZ-1200-NMC	59815	417
EZ-1700-716FC	10786	420
EZ-1700-716MC	75607	420

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Manufacturer / Mfg. Part Number Index

Mfg. Part Number	SKU	Page
EZ-1700-NFC	31545	420
EZ-1700-NMC	69938	420
EZ-200-TF-RP	499014	445
EZ-200-TM-RP	16971	445
EZ-240-NM	448044	436
EZ-240-TM-RP	87775	404
EZ-400-NF	71526	437
EZ-400-NF-BH	48367	437
EZ-400-NMH	83643	436
EZ-400-NMH-PL	54989	436
EZ-400-NMH-RA	420000	436
EZ-400-TF-BH	439065	441
EZ-400-TF-RP	33685	445
EZ-400-TM	77065	440
EZ-400-TM-RP	33681	445
EZ-400-UM	419089	438
EZ-600-716MH	94377	413
EZ-600-NF	71536	413
EZ-600-NF-BH	44451	413
EZ-600-NMC	77885	413
EZ-600-NMC-2	443392	413
EZ-600-NMH-B	410350	413
EZ-600-NMH-PL	41775	413
EZ-600-NMH-RA	22332	412
EZ-600-TF-RP	33669	413
EZ-600-TM	42845	413
EZ-600-TM-RP	33664	413
EZ-900-716MC	41183	414
EZ-900-78EIA-2	10566	414
EZ-900-NFC-2	499175	414
EZ-900-NFC-PL	71572	414
EZ-900-NMC-2	444111	414
EZ-900-NMC-PL	71547	414
EZ400-FM-75	474375	446
EZ400-NMK	71522	436
GK-S1200T	48109	458
GK-S1700T	86502	458
GK-S200T	436333	458
GK-S240T	498086	458
GK-S400T	12155	458
GK-S500T	43826	458
GK-S600T	99716	458
GK-S900T	93598	458
GST-1200	82006	1558
GST-1700	51206	1558
GST-600A	435098	1558
GST-900A	51201	1558
HX4 HANDLE ONLY	10813	1544
HX4 W/DIES	21271	1544
LMR-100A-PVC	16346	400
LMR-1200-DB	12997	379
LMR-1700-DB	89783	380
LMR-1700FR	71187	380
LMR-195	40924	401
LMR-195-DB	492041	401
LMR-195-FR-W	495050	401
LMR-195-LLPL	428099	401
LMR-195-PVC	52397	401
LMR-200	89695	395
LMR-200FR	15236	395
LMR-200MA	34936	395
LMR-240	35065	368
LMR-240	44129	368
LMR-240	77744	368
LMR-240	82522	368
LMR-240FR	97742	369
LMR-240UF	40260	369
LMR-300	40297	369
LMR-300-FR	41182	369
LMR-300DB	17725	369
LMR-400	49852	397
LMR-400	59520	397
LMR-400	76136	397
LMR-400DB	44370	397
LMR-400DB	447345	397
LMR-400DB	88500	397
LMR-400FR	30291	397
LMR-400FR	46135	397
LMR-400FR-W	456375	397
LMR-400LL-PL	41640	397
LMR-400LL-PL	97134	397
LMR-400LL-PL-BK	65360	397
LMR-400UF	15914	397
LMR-400UF	27046	397
LMR-500	457143	371
LMR-500	479140	371
LMR-500	48279	371
LMR-500FR	64315	371
LMR-500LL-PL	68948	372
LMR-500UF	55137	372
LMR-600	419163	375
LMR-600	53198	375
LMR-600	77733	375
LMR-600	86672	375
LMR-600-UF	39425	375
LMR-600DB	15605	376
LMR-600FR	56313	375
LMR-600LL-PL	50505	376
LMR-600LL-PL-BK	65370	376
LMR-900-LLPL	410060	377
LMR-900DB	19242	377
LMR-900FR	32794	377
M17/127-RG393	57757	402
PIN-400-NMH	45876	426
PIN-400-NMH-PL	73553	426
PIN-600-NMH	86767	426
PIN-600-NMH-PL	35160	426
SH-U1200T	28828	455
SH-U1700T	15614	455
SH-U600T	93649	455
SH-U900T	91676	455
ST-1700-C	69074	1556
ST-400C	59664	1556
ST-400EZ	39759	1556
ST-500C	98057	1556
ST-600C	46450	1556
ST-600EZ	14300	1556
ST-900/1200C	91086	1556
TC-200-BM	77404	441
TC-200-MUHF	57427	443
TC-200-NM	13832	436
TC-200-SM-RP	19576	444
TC-200-SMG	97637	444
TC-200-TF	37762	441
TC-200-TMC	89369	440
TC-240-BM(A)	71499	404
TC-240-BMC	62941	404
TC-240-MUHF	95820	443
TC-240-NF-BH(A)	71490	404
TC-240-NMC	24548	404
TC-240-NMH	59658	404
TC-240-NMH-RA (A)	71501	404
TC-240-SF-BH	62052	404
TC-240-SM	74906	404
TC-240-SM-RA	65920	404
TC-240-SM-RP	43066	404
TC-240-TM	62842	404
TC-240-TM-RA	31254	404
TC-300-NM	82670	404
TC-300-NM-RA	44277	404
TC-300-SF-BH	71511	404
TC-300-SM	74795	404
TC-300-TM-O	34201	404
TC-400-716FC	72408	443
TC-400-716MC	34015	443
TC-400-BM	12865	442
TC-400-MUHF	86760	443
TC-400-NCF-BH (A)	71528	438
TC-400-NFC	98836	438
TC-400-NFC-BH(A)	463075	438
TC-400-NMC	22050	437
TC-400-NMC-RA (A)	71515	437
TC-400-NMH	70396	436
TC-400-NMH-PL	63836	436
TC-400-NMK	491067	436
TC-400-SM	30504	444
TC-400-TM	85622	440
TC-400-TM-RA	53596	440
TC-500-NFC	96338	407
TC-500-NMC	31517	407
TC-500-NMC-PL	71543	407
TC-500-NMC-RA	18303	407
TC-500-SMC	68661	407
TC-500-TM	26321	407
TC-500-UMC	24182	407
TC-600-716FC	78128	413
TC-600-716MC	60332	413
TC-600-78EIA	469319	413
TC-600-NFBH	51716	413
TC-600-NFC-BH	54198	413
TC-600-NMC	29019	413
TC-600-NMC-RA	40984	413
TC-600-NMH	15805	412
TC-600-NMH-PL	12229	413
TC-600-UMC	92591	413
TC400NMHRA	80883	436
TC600716MRA	89850	413
TK-01 TOOL KIT	37408	1562
TP-01 TOOL BAG	89015	1561
Y1719 (.429 DIES)	80506	1544
Y1720(.610 DIE)	28899	1544
Y375 (.255 DIE)	38638	1544
Tower Jack		
GIN POLE	444179	636
HD TOWER COMBO	90204	637
HD TOWER JACK	49228	637
LEG ALINER	34517	636
TOWER BLOCK	72910	637
TOWER GUARD	461100	636
TOWER JACK	75734	637
TOWER LUBE	16634	637
TOWER STRAP	59696	1637
Tower Structures		
AWM-1.25-A	16768	477
AWM-1.25-D	43196	477
AWM-1.25-D-4	81589	477
AWM-2-A	93554	477
AWM-2-A-4	41947	477
AWM-2-D	29982	477
AWM-2-D-4	68375	477
LHD24	34059	510
QM-1-2-10	62530	482
QM-1-4-10	10923	482
QM-2-2-10	49316	482
QM-2-4-10	87709	482
QM-2-4-15	36102	482
QM-APM	58857	483
QM-II	82677	482
QM-II-8	416001	482
QWKPRT JR	85886	514
QWKPRT	48067	514
RM3	71585	528
RM6	71583	528
U1.5	61427	1757
U2	99820	1757
U2.5	48213	1757
U3	34999	1757
U3.5	73392	1757
U4	21785	1757
U5	60178	1757
U6	28754	1757
U8	67147	1758
VFILL	71625	575
VR10	74495	576
VRH10	22888	576
VTW	71632	574
WGBPST12	81919	503
WGBPST15	30312	503
WLKD-24	424012	510
WLKD-36	475036	510
WLR-12	458060	510
WLR-24	444038	510
WLR-36	445004	510
TPL		
PA1-1AC	95729	1216
PA1-1CF-LMS	32800	701
PA1-1FE	82515	1216
PA1-1FE-LMS	71193	701
PA1-3CF-HMS	30935	701
PA1-3DF-HMS	31116	701
PA3-1AC	42873	1216
PA3-1AE	68052	1216
PA3-1AE-6	486134	1216
PA3-1AE-LMS	57979	701
PA3-1DC	16788	1216
PA3-1DE-LMS	96372	701
PA3-1DE-RXRF	37442	701
PA3-1EE-LMS	19586	701
PA3-1FE	80017	1216
PA3-1FE-LMS	44765	701
PA3-1FE-RXRF	36193	701
PA3-1FE-RXRF-COR	62621	701
PA3-1FE-RXRF-PS	11014	701
PA6-1AB	78768	1216
PA6-1AC	27161	1216
PA6-1AE	52340	1216
PA6-1AE-LMS	31551	702
PA6-1AE-RXRF	61372	701
PA6-1AE-RXRF	74586	701
PA6-1BE	64305	1216
PA6-1BE-LMS	69944	702
PA6-1BE-RXRF	94943	701
PA6-1BE-RXRF-COR	56550	701
PA6-1BE-RXRF-PS	69764	701
PA6-1EE-LMS	83158	701
PA6-1FE	63056	1216
PA6-1FE-LMS	18337	702
PA6-1FE-RXRF	65469	701
PA6-2BF-HMS	59851	702
PA6-2EF-HMS	70267	702
PA6-2GF-HMS	36628	702
PA8-1AB	97838	1216
PA8-1AC	23414	1216
PA8-1AC-LMS	95123	702
PA8-1AC-RXRF	81729	702
PA8-1DD	48593	1216
PA8-1DD-LMS	43516	702
PA8-1DD-RXRF-PS	43336	702
PA8-1ED-LMS	56730	702
PA8-1FD-LMS	81909	702
PA8-1FD-RXRF-PS	21730	702
Translectric, Inc.		
SM1200	27020	1715
SM2412-10	67551	1220
SM2412-2.5	55785	1220
SM2412-25	55586	1220
SM2412-5	94178	1220
SM480-20	40234	1715
SM480-8	453000	1715
Triplett		
10-3983	51535	1456
2010	472178	1500
2105	491180	1498
3040	32327	1448
3060	70720	1448
3067	19113	1457
3077	78547	1446
3145	95899	1499
3230	443303	1448
3236	91630	1456
3241	67882	1449
3245	13142	1456
3245-K	446075	1456
3271	495179	1417
3272	451126	1417
3273	466117	1417
3275	485198	1435
3380	26809	1456
3380	486126	1456
3385-K	430164	1456
9005	430030	1492
9040	463039	1496
9060	435175	1497
9320	410169	1503
9600	420157	1467
9650	422121	1467
PT10	480112	1467
T3246	42597	1480
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Tripp Lite, the leading manufacturer o power protection supplies: UPS systems AC and dataline surge suppressors, lin conditioners, cabling and connectivit products and network management ac cessories.

2USTAND	465128	608
4SPDX	468395	1663
6SPDX	423344	1663
6SPDX-15	491364	1663
98-121	67328	648
APS1012	415155	608
APS1024	410035	608

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fg. Part Number	SKU	Page
PS2012	45582	608
PS2424	499029	608
PS2448	443030	608
PS3636VR	473099	608
PS512	36330	608
PSRM	413011	608
C PERSONAL 300	85425	644
C PERSONAL 450	62591	645
C PRO 1050	27569	645
C PRO 1400	65962	645
C PRO 850	79176	645
P24V33	17140	608
P260	91258	648
P36V142U	424129	645
P48V24-2U	438072	648
P48V60RT-3U	439022	648
P72V12-2U	469121	645
PRM	59423	608
10B2	64266	555
10B2-T	44760	555
B25	31546	555
B25-ALL	69939	555
B9	36498	555
CATV	26016	555
G115-SI	470333	644
NET1	72973	555
RS1215	436188	554
RS232	67970	555
SUT1CSU	37596	555
TEL2	10443	555
AR 12 ULTRA	39978	554
AR 12	51616	554
NTERNET OFF 300	38851	644
NTERNET OFF 500	68193	644
NTERNET OFF 700	93833	644
OBAR 2-6	26437	643
OBAR 4 ULTRA	11840	644
OBAR 4	64830	643
OBAR 4/220	72097	643
OBAR 6 ULTRA	63447	644
OBAR 6	93193	643
OBAR 8 ULTRA	76661	644
OBLOK 2-0	78044	643
OTEL 4 ULTRA	49251	643
OTEL 4	41459	643
OTEL 6 ULTRA	65367	643
OTEL 8 ULTRA	61521	643
C1200	38402	642
C1800	76795	642
C2400	30163	642
CR2400	25188	642
S606M	483372	642
P	33511	643
MNIPRO 300	447021	645
MNIPRO 500	87874	645
MNISMART 1050	14264	645
MNISMART 1400	92299	645
MNISMART 300 PNP	74431	645
MNISMART 850	65871	645
R10	62332	597
R12	55248	597
R15	10725	597
R20	67937	597
R25	49118	597
R30	16330	597
R3A	87511	597
R4.5	22690	597
R40	74297	597
R50	54723	597
R60	61083	597
R7	99476	597
S2408	36353	1663
S4816	36420	1663
S6020	36424	1663
S7224	36439	1663
V1000FC	74888	1218
V1000HF	464014	1218
V125	75796	1216
V140	38117	1217
V1800HF	426090	1218
V2000FC	74907	1218
V2400FC	74909	1218
V300	76510	1217
V400	85013	1216
V500	427061	1217
V500FC	74870	1218

Mfg. Part Number	SKU	Page
RS0615-F	425167	541
RS0615-R	411166	541
RS1215	16967	541
SK6-0	83764	644
SMART1000RM1U	499350	608
SMART1050RM	85321	608
SMART1400RM	38753	608
SMART1500RMXL2U	491321	608
SMART2200NET	84258	645
SMART2200RM2U	416094	608
SMART2200RMXL	44382	608
SMART3000NET	83953	645
SMART3000RM	35486	608
SMART3000RM2U	493050	608
SMART450RT	33939	608
SMART700NET	22362	645
SMART700RM	447164	608
SMART700RM1U	474358	608
SNMPWEBCARD	421152	608
SPIKE CUBE	77556	644
SS7415-15	454345	644
SS7619-15	475308	644
STRIKER	428323	644
SU1000RT2U	36101	645
SU10K	36145	646
SU2200RT2U	36122	645
SU3000RT3U	480176	645
SU6K	36137	646
SUPER 10+TEL	36201	643
SUPER6TEL	456162	642
SUPER6TEL12	426147	642
SUPER7	462127	642
SUPER7TEL	490154	642
SUPER7TEL15	424145	642
TL 11	73774	598
TLC11	98953	598
TLP602	414139	642
TLP604TEL	483195	642
TLP808	451101	642
TLP808TEL	463149	642
TLP808TELTV	424185	642
TLP810NET	428122	642
TLP810SAT	488179	642
TRAVELER	430193	642
TSB	18943	643
ULTRA COPY	17906	643
ULTRABLOK 428	42796	643
ULTRAFAX	59428	643
Trompeter Electronics		
105-1457-10	453125	440
UPL-240-020	496181	440
Trylon		
1601054	437016	633
4.78.0201.000	65479	624
4.78.0202.000	27086	624
4.78.0203.000	78693	624
4.78.0204.000	40300	624
4.78.0205.000	91907	624
4.78.0206.000	53514	624
4.78.0207.000	15121	624
4.78.0208.000	66728	624
4.78.0209.000	28335	624
4.78.0210.000	79942	624
4.78.0211.000	41549	624
4.78.0212.000	54763	624
4.79.0101.000	88886	624
4.79.0103.000	49968	635
4.80.0100.100	61590	625
4.80.0101.100	413008	625
4.80.0102.100	99983	625
4.80.0102.200	48376	625
4.81.0104.000	30691	624
4.81.0105.000	30564	624
4.81.0106.000	68957	624
4.81.0107.000	94263	624
4.81.0108.000	80922	624
4.81.0109.000	29315	624
4.81.0110.000	67708	624
4.81.0111.000	42656	624
4.81.0112.000	17350	624
4.81.0113.000	55743	624
4.81.0114.000	94136	624
4.81.0204.000	422253	629
4.81.0205.000	477234	629

Mfg. Part Number	SKU	Page
4.81.0206.000	451291	629
4.81.0207.000	466283	629
4.81.0208.000	498200	629
4.81.0209.000	438222	629
4.81.0210.000	498282	629
4.81.0211.000	449225	629
4.81.0212.000	457228	629
4.81.0213.000	476248	629
4.81.0214.000	445270	629
4.82.0104.000	16228	625
4.82.0105.000	18599	625
4.82.0106.000	56992	625
4.82.0107.000	93014	625
4.82.0108.000	61988	625
4.82.0109.000	45027	625
4.82.0110.000	70206	625
4.82.0111.000	41407	625
4.82.0112.000	95385	625
4.82.0113.000	43778	625
4.82.0114.000	82171	625
4.86.0101.000	88018	626
4.87.0101.000	96111	497
4.91.0101.000	40158	636
4.91.0102.000	75147	636
4.92.0104.000	65337	626
4.92.0105.000	13730	626
4.92.0106.000	52123	626
4.92.0107.000	90516	626
4.92.0108.000	38909	626
4.92.0109.000	77302	626
4.92.0110.000	25695	626
4.92.0111.000	64088	626
4.92.0112.000	12481	626
4.92.0113.000	50874	626
4.95.0015.000	60540	624
4.95.0022.000	28718	623
4.95.0032.000	92290	623
4.95.0041.000	47652	623
4.95.0052.000	65862	623
4.95.0071.000	59617	623
4.95.0121.000	58368	623
4.95.0201.000	26419	627
4.95.0201.000	471155	627
4.95.0202.000	39633	627
4.95.0203.000	436059	627
4.95.0204.000	471024	627
4.95.0205.000	469001	627
4.95.0206.000	466067	627
4.95.0207.000	477051	627
4.95.0208.000	418027	627
4.95.0209.000	458012	628
4.95.0210.000	416025	628
4.95.0211.000	434092	628
4.95.0301.000	10707	628
4.95.0301.000	442133	628
4.95.0302.000	442029	628
4.95.0303.000	462130	628
4.95.0304.000	470042	628
4.95.0305.000	454119	628
4.95.0306.000	468194	628
4.95.0307.000	453024	628
4.95.0308.000	427018	628
4.95.0309.000	434088	628
4.95.0310.000	442086	628
4.95.0401.000	21423	628
4.95.0401.000	490167	628
4.95.0403.000	34637	628
4.95.0404.000	86244	628
4.95.0405.000	443089	628
4.95.0406.000	410036	628
4.95.0407.000	74279	628
4.95.0409.000	460072	628
4.95.0501.000	68034	628
4.95.0502.000	29641	628
4.95.0503.000	94462	628
4.95.0504.000	471012	628
4.95.0505.000	459008	628
4.95.0506.000	419001	628
4.95.0507.000	466055	628
4.95.0508.000	482087	628
4.95.0601.000	78750	628
4.95.0602.000	40357	628
4.95.0603.000	419117	628
4.95.0604.000	454022	628
4.95.0605.000	15178	628
4.95.0606.000	410195	629

Mfg. Part Number	SKU	Page
4.95.0607.000	478044	629
4.95.0701.000	77501	629
4.95.0702.000	39108	629
4.95.0703.000	465086	629
4.95.0704.000	52322	629
4.95.0705.000	13929	629
4.95.0706.000	431038	629
4.95.0801.000	462178	629
4.95.0802.000	51073	629
4.95.0803.000	451062	629
4.95.0804.000	415031	629
4.95.0805.000	470099	629
4.96.0102.000	27503	1634
4.96.0103.000	65896	1634
4.96.0104.000	14289	1634
4.96.0105.000	52682	1634
4.97.0104.000	437377	1640
4.97.0520.248	435005	1640
4.97.0520.256	442067	1640
4.97.0520.264	441039	1640
4.97.0520.272	485054	1640
4.97.0520.280	476015	1639
4.97.0520.288	476005	1639
4.97.0520.296	490049	1639
4.97.0520.388	416018	1639
4.97.0520.572	432018	1640
4.97.0520.756	421007	1640
4.99.0101.000	89826	1639
4.99.0102.000	38219	1639
4.99.0103.000	76612	1639
4.99.0202.600	460136	1640
4.99.0202.610	485159	1640
4.99.0202.611	455165	1640
4.99.0202.612	492147	1640
4.99.0202.620	442155	1640
4.99.0202.621	460146	1640
4.99.0205.000	464062	1639
4.99.0205.010	436219	1639
4.99.0205.015	410380	1640
4.99.0400.000	91075	1639
4.99.0400.500	446090	1639
4.99.0405.000	39468	1639
4.99.0410.000	77861	1639
4.99.0415.000	26254	1639
4.99.0420.000	64647	1639
4.99.0425.000	13040	1639
4.99.0430.000	51433	1639
4950016000A	47326	624
4950017000A	85719	624
4950031000A	74080	623
4950042000A	79076	623
4950051000A	86045	623
4950061000A	34438	623
4950062000A	39434	623
4950072000A	77827	623
4950081000A	98010	623
4950082000A	64613	623
4950091000A	46403	623
4950101000A	71582	623
4950111000A	19975	623
4950131000A	96761	623
4950402000A	73030	628
4951501000A/GND	43901	632
4951502000A/GND	43903	632
4951503000A/GND	43918	632
4951504000A/GND	43919	632
4951505000A/GND	43923	632
4951506000A/GND	43928	632
4951507000A/GND	43947	632
4951508000A/GND	43955	632
4951509000A/GND	43959	632
4951510000A/GND	43969	632
4951511000A/GND	43971	633
4951512000A/GND	43987	633
4951513000A/GND	43990	633
4951514000A/GND	43995	633
4951515000A/GND	44015	633
4951516000A/GND	44016	633
4951517000A/GND	425320	633
4951517000A/GND	44018	633
TRYLON LIT PACK	04962	634
TRYLON SS LIT	06533	634
Typhoon		
TY521A	95902	1734
TY523	55011	1735

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Manufacturer / Mfg. Part Number Index

Mfg. Part Number	SKU	Page
TY524A	94653	1735
TY525A	93404	1735
TY525B	68225	1734
TY526A	41797	1735
TY526B	16618	1734
Tyton Corporation		
175REF	75413	1751
FTP1	23806	1751
IT18FLC2	35272	1748
IT18R	23841	1748
IT50L	49020	1748
IT50R9C2	10627	1748
IT50RD9K2	35806	1748
IT50RT9K2	99378	1748
MB3AOC2	450122	1746
RO175	37020	1751
T150L	18357	1748
T150L	81693	1748
T150LL	55265	1748
T150R	55501	1747
T150R	91160	1747
T150XL	54016	1748
T18I	29737	1747
T18L	17772	1747
T18L	59012	1747
T18L	97405	1747
T18R	11152	1747
T18R	62759	1747
T18R	75973	1747
T18R9M4	87938	1747
T30I	18121	1747
T30I	31335	1747
T30I	69728	1747
T30I9C2	82942	1747
T30L	56514	1747
T30L	61255	1747
T30L0C2	94907	1747
T30M	19370	1747
T30M	44549	1747
T30M	57763	1747
T30M	96156	1747
T30R	32584	1747
T30R	45798	1747
T30R	70977	1747
T30R	84191	1747
T40R	39233	1747
T40R	90840	1747
T50L9C2	449174	1747
T50MR0C2	38304	1745
T50MR9C2	89911	1745
T50R0M4	15710	1747
T50R9C2	26372	1747
TSR1FW-14	32704	662
TSR1FW-25-1	19067	663
TSR1FW-29-1	56211	663
TSR1FW-33-1	41748	663
TSR1FW-36	79315	663
TSR1FW-50	14494	663
TSR1FW-6A	61630	662
TSR1FW-6A	63239	662
TSR1FW-8A	34313	662
TSR1FW-8A	86809	662
TSR1I-14	94807	662
TSR1I-21-1	58184	663
TSR1I-25-1	57460	663
TSR1I-33-1	80141	663
TSR1I-36	68379	663
TSR1I-50	16772	663
TSR1I-6A	69628	662
TSR1W-14	77846	662
TSR1W-25-1	95853	663
TSR1W-50	38204	663
TSR1W-6A	52667	662
TSR2FW-14	19490	662
TSR2FW-21-1	97102	663
TSR2FW-29-1	29783	663
TSR2FW-36	27708	663
TSR2FW-50	91280	664
TSR2FW-6A	36811	662
TSR2FW-8A	21099	662
TSR2I-14	55165	662
TSR2I-21-1	45495	663
TSR2I-25-1	82639	663
TSR2I-29-1	68176	663
TSR2I-33-1	15320	663
TSR2I-36	67130	663
TSR2I-50	15523	664
TSR2I-6A	18021	662
TSR2W-6A	91060	662
TSR3FW-14	57883	662
TSR3FW-21-1	32281	663
TSR3FW-25-1	69425	663
TSR3FW-29-1	54962	663
TSR3FW-33-1	40499	663
TSR3FW-36	66101	663
TSR3FW-50	78066	664
TSR3FW-6A	59492	662
TSR3FW-6A	60381	662
TSR3FW-8A	97885	662
TSR3FW-8A	98774	662
TSR3I-14	53916	662
TSR3I-21-1	70674	663
TSR3I-25-1	17818	663
TSR3I-29-1	93355	663
TSR3I-36	65881	663
TSR3I-50	14274	664
TSR3I-6A	56414	662
TSRFW-JB1	75568	664
TSRFW-JB2	23961	664
TSRFW-JBD	62354	664
TSRI-JB1	23741	664
TSRI-JB2	62134	664
WMB2	89129	662

U

Mfg. Part Number	SKU	Page
Uneeda Bolt & Screw Co,Inc		
25R100WFESZ/B1C	10240	1761
3/8" SS ANCHOR	421171	1753
Ungar		
1095	28969	1740
4037S	86567	1679
6956	41939	1740
6966C	40934	1740
9010	39685	1684
9011	78078	1684
9012	52319	1684
9015	38161	1684
9017	12982	1684
9018	51375	1684
9050	91017	1684
9960	51650	1684
9965	93940	1684
9971	64864	1684
FD2	37434	1707
FD21	74578	1707
FD21D	48150	1707
FD22D	86543	1707
FD2D	99757	1707
PL100	66113	1684
PL111	14506	1684
PL133	53361	1684
PL151	52899	1684
PL155	495355	1684
SD74H	58866	1707
SL335	48953	1668
Unistrut		
P1006-1420HG	23471	534
P1006-1420HG	85942	534
Universal Fit Products		
FT-3430	83586	1742
FT3430-B	31979	1742
HW-3810	83624	456
LG-38	94059	566
LG-38-B50	38811	566
US Robotics		
3CNOKA5	56487	1140
CABLEMOT4	26696 889,	1140
Utica		
TCI-250R	26767	1604
TS-100	32971	1602
TS-30	80872	1602
TS-35	460249	1602

V

Mfg. Part Number	SKU	Page
Velcro USA Inc.		
176275	43251	1745
188524	81644	1745
189645	13619	1745
190984	25061	1744
191023	38275	1745
191195	63454	1745
191222	76668	1745
191390	94858	1745
191394	18072	1744
193973	11847	1744
253158	30378	1745
253158	81985	1745
253991	93948	1745
253999	83232	1745
254010	30376	1745
254889	42890	1745
VT-8	93186	1746

W

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Mfg. Part Number	SKU	Page
005A1BKB202	12925	1179
005A1MBKB202M	445093	1179
005ABKB203	26139	1178
005AMBKB203M	426060	1179
006A14506P1	41102	1179
006A24506P3	67217	1187
006A2M4506P3M	474070	1179
006A4BKB204	36918	1179
010C2M5293P1(S)M	465095	1180
010C5293P1	37373	1188
010CM5293P1M	440096	1180
011A3487P1	428333	1179
011AM3487P1M	466352	1179
011B149838P1	472395	1180
011BM149838P1M	479395	1180
011C3278P1	497357	1180
011CM3278P1M	462324	1180
0241(6)M7M	91511	1181
024A2CM166S	39556	1181
024A6BP196	87476	1181
024A6MBP196M	36062	1181
024ACM166	91468	1181
024IIC7S	83009	1181
024IM7SM	53118	1181
024J1CM73	444090	1180
024J1MCM73M	448006	1180
024J2IC8	67056	1181
024J2M8M	26690	1181
024J3CM80	464011	1181
024J3MCM80M	446037	1181
024JIC8S	53842	1181
024JM8SM	39904	1181
024K3ABP83A	420023	1181
024K3AMBP83A	65083	1181
024K3AMBP83AM	489055	1181
024K4BP84	453081	1181
024K5B85B	422058	1181
024P2MBP200M	35095	1181
024RB1M157ASM	90262	1181
024RE1CM141	19001	1181
024RE2CM142N1	89013	1181
024RIMBP157M	63834	1181
024TAMBP209AM	492069	1181
024TBP209	435050	1181
024TCBP173	81049	1181
024TCBP173M	50620	1181
024TMBP210M	425020	1181
025B6IC2	41877	1185
035B156	56517	1184
035C1K0105EM	454061	1185
035D151	44552	1184
035D3025	30161	1184
035D6135	68554	1184
035D8160	85990	1184
035D8A160S	97955	1184
035D8M160M	46348	1184
035F70B48	89914	1184
035FM70B48M	490055	1184
035G3SB80	424375	1184
035G7-NBP800	425306	1186
035G7M-NBP800M	416304	1186
035GKNB3	92819	1182
035IKNB4	46354	1182
035J(7)KNB5	95419	1182
035J7MKNB5M	33659	1182
035K(S)MKNB6M	72052	1182
035L(7)KNB7	67640	1182
035L(7)MKNB7M	20445	1182
035M1KNB12	92349	1182
035M1KNB12A	73597	1182
035MKNB11A	16998	1182
035MMKNB11AM	58838	1182
035P1KNB9B	85562	1182
035P1MKNB9BM	84017	1182
035PKNB9A	47169	1182
035PMKNB9AM	44375	1182
035Q1KNB15A	54119	1188
035Q1KNB15A	93784	1182
035Q1MKNB15M	36958	1182
035Q2KNB15S	80570	1182
035Q6KNB17	31963	1188
035Q6KNB17	32664	1182
035Q6MKNB17	84612	1182
035R1PB14	432353	1188
035RMPB13M	49371	1182
035TAMPB33M	62585	1182
035TBPB34	28963	1183
035TMPB32M	24192	1182
035U2MSA1500M	464089	1186
035U2SA1500	17828	1186
035U3MQPA1200M	482018	1186
035U3QPA1200	69554	1186
035U5MMPA1200M	497084	1185
035U5MPA1200	44102	1185
035U6MTPA1160M	454030	1186
035U6TPA1160	75498	1186
035U7QPA1200	34341	1186
035U8MQPA1200M	468084	1186
035U9(S)MQPA1350M	473316	1186
035U9MQPA900M	499309	1186
035USA1155	17947	1186
035V-PB42L	466319	1183
035W1-PB39	38903	1183
036E3B36	36990	1184
036E70B25	78500	1184
036K(S)M4018A(S)	497016	1174
036K4021AR	441001	1174
036KM4018A	443031	1174
037C14000B(S)	34361	1174
037C1M4000B(S)M	34367	1174
037C4000B	34347	1174
038TBMPB34M	10978	1183
0534463B	49790	1176
057A8144A	44040	1176
057AM8144AM	26057	1176
060GM4537AM	79546	1177
060J4563A	68563	1175
060K4584A	16956	1175
060L4588A	80528	1175
060LM4588AM	80795	1175
060M29008R	55274	1175
060M2M9008RM	55403	1175
060M3	55806	1188
060M39012R	55413	1175
060M3M9009RM	460004	1176
060M3MS9009RMS	418002	1176
060M3MS9009RMS	55478	1176
060M4585A	93742	1175
060M57144A	37300	1188
060M57144A	94991	1176
060M5M7144AM	462065	1176
060NM4822M	29188	1176
060Q4824	443278	1188
060Q4824	46149	1176

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Mfg. Part Number	SKU	Page
60QM4824M	67581	1176
60S4593	59566	1177
60U9044	96507	1177
60VM4595AM	32611	1177
60W45415A	37320	1188
60W4M5451AM	449028	1177
60W88148AP110	75426	1177
60W8M8148AM	15974	1177
60W9027	18472	1176
60WM9027AM	465089	1177
60X49018A	68830	1177
60X4M9018AM	425021	1177
60Y5521	81777	1177
60Z69628A	55459	1188
60Z69628A	59134	1175
60Z89360A	47410	1175
60Z8M9360AM	92760	1175
60Z99049A	17223	1177
60Z99049A	43998	1188
60Z9M9049AM	41153	1177
60ZM9628AM	44087	1175
61D7394	47050	1188
61D7394NIMH	76700	1178
61E7395NICD	25093	1177
61H8294	53264	1178
61H8294A	37321	1188
61HM8299AM	40050	1178
61HSSM8299SSM	26836	1178
69(R)MBP007M	487041	1183
69A2BPMP1	27414	1183
69A2MBPMP1M	487082	1183
69BP007	14445	1183
69MBP007M	447048	1183
69RBP007	73550	1183
79JABTX8NHC	37171	1184
79JBBTX8NMH	91346	1184
79LBPS6N	94786	1184
79MBPJ6N	34385	1184
91(6)P4W	18624	1185
91(S)MFNB27SM	76523	1186
91E6FNB12(S)	59096	1186
91FMFNB17M	12951	1186
91JFNB10(S)	93531	1186
91NMFNB25M	51344	1186
91X2FNB47	99500	1187
91X2FNB47A	45395	1187
91X2MFNB47M	24916	1186
91X3MFNB41M	11702	1186
91X5FNB58LI	441068	1187
91X7FNBV62LI	477031	1187
91X8FNBV68LI	413318	1187
91ZAFNB16	82433	1186
92BCS	65807	1183
92CBCS	37246	1183
92CMBCSM	421020	1183
92DFNB21(S)	40966	1186
92H1FNB45	47893	1186
92HE1FNB56	83071	1187
92HFNB43(S)	97489	1186
92KFNBV57W/CLIP	35066	1187
92KMFNBV57	35083	1187
92KMFNBV57CL	35068	1187
93AFNB29(S)	37255	1186
93FNB29	59299	1186
0C25293P1	11655	1180
C5293P1	63262	1180
	412336	1190
1	436175	1190
4	475315	1190
4	410003	1190
5	462031	1190
	98713	1190
3	44919	1190
49A-TOPB100	425026	1180
49AM-TOPB100M	499099	1180
49B-TOPB200	490069	1180
49BM-TOPB200M	420051	1180
50DACNB152A	72585	1185
50DMCNB152M	37174	1185
50GSB20	97991	1186
56ACNB291	426039	1185
56AMCNB291M	432098	1185
56CNB290	421082	1185
56MCNB290M	452047	1185
58CNB381	34388	1185
58MCNB381M	37221	1185

Mfg. Part Number	SKU	Page
35M1MKNB12AM	97231	1182
360CNB584A	56729	1185
360MCNB584AM	88740	1185
374A2APX1050	90986	1183
374A2MAPX1050M	442014	1183
374AAPX550	14200	1183
375APX1100	39379	1183
376APX1105	55408	1183
376CAPX1115	74184	1183
376CMAPX1115M	473064	1183
376MAPX1105M	442037	1183
377AAPX1070	99549	1183
377AMAPX1070M	448003	1183
377APX700	47942	1183
378BT294	51956	1183
378MBT294M	437036	1183
379APX1120	24537	1183
379MAPX1120M	428026	1183
43	20083	1190
77	435028	1190
89	484005	1190
900	77945	1194
91	60686	1190
91P1MFNB26(S)M	38130	1186
94	90896	1190
AA3	61568	1194
AD3	83796	1194
AE3	48354	1195
AF3	13708	1195
AG3	18704	1194
AH3	45856	1195
AI3	42634	1194
AN1-SFW-1.4	469060	1191
AN1A-SFW-2.0	466077	1191
AN3	81027	1194
ANIA	424056	1191
ANIIIA	453075	1191
ANVIA	470044	1191
AQ3	99961	1194
AU3	10757	1194
AX3	83047	1194
BA3	492067	1194
BB3	442097	1194
BE3	94047	1194
BK3	90300	1194
BN3	10791	1195
CC3	29237	1195
CF3	45807	1195
CH3	447387	1195
CLP-BP196S	413183	1187
CLP-HT1000ML	440375	1187
CLP-HT1000MS	490375	1187
CLP-ML	81692	1187
CLP-MS	43299	1187
CLP-PLATE-M	30085	1187
CLP-VX10	495006	1187
LBK3A	86860	1194
LBS3A	491086	1194
LSQ3	493324	1194
LSQ3A	451345	1194
LTC3A	442334	1194
LTE3	460281	1194
LTE3A	497287	1194
LUL3	450346	1194
MIV	473035	1181
MASTERCHAR 6	71211	1190
MASTERCHAR IA	23701	1190
MASTERCHAR IIA	35218	1190
MOT-HT750/PRO3150	449151	1187
PLT-KNB12/ML	37406	1187
PLT-KNB12/MS	10402	1187
PLT-KNB15/17	63258	1187
PLT-KNB15/ML	86265	1187
PLT-KNB15/MS	11651	1187
PLT-SPS801/ML	64558	1187
RAI	496310	1192
RAA	496332	1195
RAF	410396	1195
RAG	433364	1195
RAQ	416343	1195
RAX	424385	1195
RBE	496386	1195
RBK	460386	1195
RBN	434387	1195
RBS	433385	1195
RCF	445353	1195

Mfg. Part Number	SKU	Page
RCG	489364	1195
RTE	454367	1195
RUL	437340	1195
RVP	472380	1195
RWS	417382	1195
SL-15	420189	1654
T8	474034	1181
TE3	468242	1194
UNIV ADAPT-10 PIN	89059	1194
UNIV ADAPT-16 PIN	482077	1194
UR3	486340	1194
VJ3	494032	1194
WCE-035G-KNB3	84345	1188
WS3	21393	1194
XA3	72809	1194
XE3	69350	1195
XS3	84774	1194
YB3	96739	1194
YF3	70311	1194
ZV3	92992	1194
ZX3	25673	1195
ZZ3	12459	1195

Walker & Assoc.

S66M1-25	94880	556

Waterloo Industries

50118	449158	1652
HM2065	478136	1652
HP1756	423103	1651
HP2271	473163	1652
HP55420	443022	1651
HP55421	461005	1652
PCH1820	483128	1653
PCH2030	481103	1653
WI-300	472194	1653
WI-600	458174	1652
WI1000	425156	1653

Wave Wireless

Wave Wireless Networking, a leading wireless broadband innovator and manufacturer, provides building-to-building wireless networking solutions for broadband providers and enterprise end-users.

A24-18SPG-D	449317	690
A24-24SPG-D	418139	690
A242440	499130	689
A24717P	460102	688
BUN-9000-PTP	499316	688
BUN-PMPT-CH58	466338	690
KM-ODCAT5-100-3	431357	676
KM-ODCAT5-200-3	475375	676
KM-ODCAT5-300-3	445342	676
KM-ODCAT5-50-3	431391	676
KU-LMR400-060-2	410165	689
KU-LMR400-110-2	455145	689
KU-LMR600-160-2	476315	689
KU-ODCAT5-100-2	424122	689
KU-ODCAT5-100-3	434376	689
KU-ODCAT5-200-2	431186	689
KU-ODCAT5-200-3	492385	689
KU-ODCAT5-300-2	481155	689
KU-ODCAT5-300-3	481322	689
KU-ODCAT5-50-3	448384	689
OM-24-9101	410333	676
OM-24-9102	460325	688
OM-24-9103	474357	688
OM-24-9104	456329	676
OM-24-BS-8100	461197	688
OM-24-CP-8200	485172	688
SD-24-IS-8421	448146	689
SD-24-PA-8410	419152	689
SD-24-PA-8420	489179	689
SD-24-PI-8412	462129	689
SD-24-PI-8422	449173	689
UPCONVERT57	483190	689

WD-40

10011	446092	1704

Mfg. Part Number	SKU	Page
10034	417090	1704
1008	410098	1704
10080	462097	1702
10082	492000	1702
10087	495064	1702
10088	489007	1702

Weico Wire & Cable, Inc.

W213	42413	401
W213	89005	401
W214	76426	402

Weller

Weller, a Cooper Tools brand, offers a complete range of soldering/desoldering tools, rework/repair tools, and soldering guns irons for the production and rework bench.

0051502599	70932	1677
0053321299	66539	1671
4005	96883	1687
4007	83669	1687
7135N	495055	1679
7135W	457099	1679
7250AN	93244	1679
7250W	63653	1679
7324	70423	1679
7417	18816	1679
7A	57209	1679
8200	95602	1668
BA60	17567	1679
CT5A7	91330	1681
CT5B7	57944	1681
CT5B8	26509	1681
CT5E8	78260	1681
D550	94353	1668
D650	83608	1668
DS103	67400	1679
DS112	98428	1686
DS112T	64178	1686
DS113	12571	1687
DS113T	50964	1686
DS114T	37750	1686
DS229	11286	1679
EC1201A	94040	1679
EC1302B	76228	1679
EC205	86859	1679
EC234	34003	1679
EMA	45796	1681
EMC	82940	1682
EMD	43260	1681
EME	12959	1681
EMG	81653	1681
EMH	70975	1682
EMM	31333	1681
EPH101	15793	1681
EPH102	54186	1681
EPH103	92579	1681
EPH105	429016	1681
EPH106	40972	1681
EPH107	79365	1681
EPH108	27758	1681
EPH109	66151	1681
ETA	50439	1681
ETC	37225	1681
ETD	75618	1681
ETH	24011	1681
ETK	62404	1681
ETO	10797	1681
ETP	32754	1681
ETR	71147	1681
ETS	19540	1681
GT7A	96326	1668
HEW60P	56684	1679
LT1	20970	1682
LT1S	97756	1683
LTA	84542	1683
LTAS	32935	1682

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Manufacturer / Mfg. Part Number Index

Mfg. Part Number	SKU	Page
LTB	71328	1683
LTC	19721	1682
LTCS	58114	1682
LTD	44900	1682
LTH	31686	1682
LTK	70079	1683
LTSM01	456324	1685
LTSM02	422381	1685
LTSM03	460393	1685
LTSM04	481377	1685
LTSM05	438305	1685
LTSM06	497383	1685
LTSM07	419319	1685
LTSM08	443339	1685
LTSM09	442332	1685
LTSM10	428388	1685
LTSM11	416345	1685
LTSM12	413315	1685
LTSM13	490345	1685
LTSM14	443371	1685
LTSM15	466350	1685
LTSM16	442390	1685
LTSM17	414378	1685
LTSM18	458376	1685
LTSM19	422323	1685
LTSM20	459341	1685
LTSM21	491367	1685
LTSM22	438325	1685
MP131	68649	1682
MT1500	91865	1670
MT202	58447	1684
MT301	33268	1684
MT302	97620	1684
NT1X	499379	1686
NT2	461302	1686
NT2A	483354	1686
NT3	492359	1686
NT3A	422316	1686
NT3C	472363	1686
NT3D	427379	1686
NT3GW	410377	1686
NT3H	492391	1686
NT3S	411371	1686
NTSMT01	496385	1686
NTSMT02	426360	1686
NTSMT03	428392	1686
NTSMT04	414334	1686
NTSMT05	434364	1686
NTSMT06	468352	1686
NTSMT07	455395	1686
NTSMT08	485382	1686
NTSMT09	486323	1686
NTSMT10	483333	1686
NTSMT11	496312	1686
NTSMT12	442340	1686
NTSMT13	474328	1686
NTSMT14	481320	1686
NTSMT15	443306	1686
NTSMT16	426345	1686
NTSMT17	461394	1686
NTSMT18	437372	1686
NTSMT19	491332	1686
NTSMT20	489313	1686
NTSMT21	416359	1686
NTSMT22	430355	1686
P-1-C	36128	1669
PES50	90911	1679
PH100	14019	1677
PH60	52412	1677
PSI100C	80537	1668
PSI100K	87163	1668
PSI3	92006	1685
PSI5	78792	1685
PSI6	27185	1685
PSI8	65763	1685
PSI9	13971	1685
PTA6	46692	1682
PTA7	85085	1682
PTA8	33478	1682
PTAA8	18987	1682
PTB7	71871	1682
PTB8	20264	1682
PTC7	58657	1682
PTC8	97050	1682
PTK7	83836	1682
PTK8	32229	1682
PTL7	70622	1682
PTL8	17544	1682
PTM8	19015	1682
PTO7	57408	1682
PTO8	95801	1682
PTP6	44194	1682
PTP7	82587	1682
PTP8	80614	1682
PTR8	29007	1682
PTS7	69373	1682
PTS8	17766	1682
SCD100	30388	1671
SL325	10560	1668
SL345	87346	1668
SM1	77730	1677
SP175	46493	1668
ST1	42945	1683
ST3	81338	1683
ST7	56159	1683
ST8	87871	1683
T1	22914	1683
T2	61307	1683
T3	99700	1683
T4	48093	1683
T5	86486	1683
T6	34879	1683
TC201T	39198	1679
TC205	64377	1679
TC208	89556	1679
TCP12P	63128	1667
W100P-3	97712	1668
W100PG	11521	1668
W60P	83637	1668
W60P-3	45244	1668
WES51	465386	1670
WESD51	420382	1671
WHC-52	31505	1683
WM120	49914	1667
WP25	84886	1667
WP35	33114	1667
WPA-2	33279	1668
WPA-B	83908	1679
WPB1	61879	1677
WPT-1	87583	1683
WPT-10	35976	1683
WPT-11	74369	1683
WPT-13	61155	1683
WPT-15	99548	1683
WPT-2	34727	1683
WPT-5	59906	1683
WS80	49896	1670
WSD80	61861	1670
WSL	457385	1671
WSL2	445376	1671
WST2	20065	1668
WSTA3	71672	1669
WTCPT	10272	1670

Western States Industries

60115	491164	636
60116	494149	636
60116/230	496053	636
60620	75703	636
60700	75733	636
60700-230V	75747	636

Wiha Tools

16112	27006	1589
20715	65399	1589
26008	68422	1590
26015	30029	1590
26022	55208	1590
26025	41994	1590
26030	28780	1591
26032	82720	1591
26034	79138	1591
26100	75391	1593
26102	76640	1593
26105	23784	1593
26110	62177	1593
26190	43243	1609
26390	70395	1609
26391	18788	1609
26590	93999	1595
26591	80785	1595
26705	69146	1592
26706	55932	1592
26707	42718	1592
26708	81111	1592
26709	16290	1592
26710	93076	1592
26790	41469	1592
26792	20974	1592
27009	95248	1568
27013	43641	1568
27018	82034	1568
27026	94427	1568
27390	46397	1609
27801	431389	1592
27802	473370	1592
27803	416389	1592
27804	473389	1592
27805	462380	1592
27811	482367	1592
27817	491381	1592
27823	489374	1592
27829	423391	1592
27835	422389	1592
28505	464366	1604
28507	430378	1603
28509	488387	1604
28510	464388	1603
28511	450389	1604
28513	436397	1604
28515	439351	1603
28517	474398	1604
28518	460369	1604
28519	483398	1604
28521	489397	1604
28523	464394	1604
28525	421369	1604
28535	414375	1603
28536	440358	1603
28537	451399	1603
28538	474396	1603
28539	491374	1603
28540	428376	1603
28541	491368	1603
28542	450384	1603
28543	484343	1603
28561	427395	1604
28562	441334	1604
28563	467380	1604
28564	464356	1604
28565	439360	1604
28566	460394	1603
28567	420375	1603
28568	468396	1603
28569	413355	1604
28571	459395	1603
28572	423308	1603
28574	435399	1603
28575	481392	1603
28576	458345	1603
28577	498381	1603
28578	459390	1603
28579	424332	1603
28581	462361	1604
28582	467381	1604
28583	420376	1604
28584	432391	1604
30101	17213	1611
30294	98796	1589
30295	18220	1589
30465	34107	1591
31105	23458	1593
31110	10244	1593
31115	48637	1593
31305	35423	1593
31310	73816	1593
31315	22209	1593
32092	470121	1590
32703	476322	1575
32705	431328	1575
32705	478312	1575
32708	474385	1575
32714	411360	1575
32718	444378	1575
32722	473329	1575
32726	463343	1575
32728	493365	1575
32746	437341	1574
32748	470344	1574
32752	460371	1574
36264	63093	1592
36266	11486	1592
36268	49879	1592
36269	75058	1592
36270	36665	1592
36271	61844	1592
36273	10237	1592
36275	48630	1592
36294	76307	1592
36298	24700	1592
36715	485358	1587
36720	468366	1587
36725	416335	1587
36792	470358	1587
36794	486364	1587
36795	433356	1587
40010	18462	1619
43090	470319	1565
44503	471384	1597
44505	457335	1597
44506	412386	1597
44507	479354	1597
44508	462394	1597
44509	470354	1597
44510	421347	1597
44531	496369	1597
44532	467397	1597
44533	445337	1597
48100	440390	1597
48190	473343	1590
49157	427368	1597
49158	421336	1597
52650	92750	1573
70127	495094	1571
70128	443085	1571
70129	469029	1571
70135	434029	1571
70139	441032	1571
70142	438087	1572
70148	489010	1572
70160	486054	1572
70163	429059	1572
70168	438005	1572
70403	467011	1596
70427	473023	1596
70507	419045	1572
70509	496029	1572
70510	447062	1572
70515	479055	1572
70520	476024	1572
70525	456092	1572
70530	414094	1572
70540	465034	1572
71051	415078	1571
71053	463082	1571
71054	447051	1571
71125	483082	1570
71130	432361	1572
71131	487383	1572
71149	490075	1570
71151	456084	1570
71152	421037	1570
71153	424011	1570
71154	422061	1589
71199	475043	1570
71250	472036	1572
71251	458041	1572
71252	450058	1572
71253	450035	1572
71362	418032	1572
71365	443050	1572
71367	424061	1572
71399	484336	1573
71550	493048	1571
71551	429019	1571
71552	423037	1571
71553	481023	1571
71554	471099	1571
71555	420039	1571
71556	471035	1571
71557	450071	1571
71558	436009	1571
71559	442022	1571
71560	481004	1571

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Mfg. Part Number	SKU	Page
561	438008	1571
570	483039	1589
799	471392	1573
851	445082	1572
852	491054	1572
853	425045	1572
990	438017	1573
103	482002	1571
112	417050	1570
124	436073	1570
150	412054	1570
399	426395	1573
511	436044	1571
512	435096	1571
513	487064	1571
517	463062	1571
519	429046	1571
521	434004	1571
523	485066	1571
529	490043	1571
531	494019	1571
533	454005	1571
535	443004	1571
586	453003	1571
587	452033	1571
588	432048	1571
589	487018	1571
806	433055	1570
910	438039	1570
920	430015	1570
930	449035	1571
940	496005	1571
792	473341	1609
573	465371	1603
245	37422	1573
247	21710	1573
392	71576	1609
800	489330	1607
tek		
19-28-0017	66913	1477
5 877	29043	1476
07S	436349	1474
01S	39412	1474
02S	472373	1474
02S-AM	479300	1474
0 188	72506	1476
0 251	86370	1476
0 262	61191	1476
0 409	89453	1476
0 415	95012	1476
0 417	26545	1476
0 420	75654	1476
0 424	36012	1476
01	41120	1474
02-1X	41090	1475
03-1X	41097	1475
04	41122	1475
05	48605	1475
52	52188	1476
53	52189	1476
54	52198	1476
55	52207	1476
48330	75515	1476
48340	39441	1476
48399	39444	1476
60437	38407	1476
60443	15182	1476
60446	46748	1476
97110	488386	1474
e Wrap		
340	79564	1613
500AE6	99382	1613
000AC1	41171	1613
0131	56662	1613

Wireless Solutions

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Wireless Solutions base site components, phone accessories, and tools are quality tested to provide maximum performance, durability and a lifetime warranty for the most demanding customer.

Mfg. Part Number	SKU	Page
.250	53350	1733
.350	91743	1733
.500	78529	1733
.625 X 100'	56570	1733
.750	52101	1733
00698-4CJA	87081	1561
06700	453330	1618
08-9010	24887	1616
1.0	90494	1733
10 AGUG	43825	1723
100-003	433352	1724
100-004B	432317	1551
10229	10229	1726
10229	32381	1726
10229	69601	1727
105	49936	1736
10550	470326	1579
106	88329	1736
10619-00426	93204	543
10619-00427	93216	543
1062F	18784	1735
10699	10699	1750
1072M	57177	1736
10953	10953	1750
11008	11008	1717
11008	60782	1717
11021	11021	1761
11021	78929	1761
11025	11025	1760
11128U	92302	969
11220	11220	1755
11220	62827	1755
11478	11478	1726
11478	44422	1726
11478	70774	1726
12200	454308	1569
12210	433344	1569
12220	461398	1569
12230	469399	1569
12240	490380	1578
12270	12270	1761
12727	12727	1724
12890	12890	1729
129	43239	1735
12994	12994	1758
13080	13080	884
131	81632	1735
132	68418	1735
133	16811	1735
134	55204	1735
135	93597	1735
13686	13686	1725
13718	13718	1754
13827	13827	1720
13827	30966	1720
13827	72403	1720
13989	13989	660
14-467	447031	1570
14139	14139	1726
14243	14243	1758
14302	14302	1722
14302	45510	1722
14302	60934	1722
14326	14326	1756
14326	52719	1756
14442	14442	1753
146-190	440125	1573
14895	14895	1732
14967	14967	1755
15 AGU	86015	1723
15010	473393	1552
15015	412355	1555
15030	494357	1555
15691	15691	1753
15691	67298	1753
15818	53696	1733
15818	74131	1733
16146	16146	1731
16146	67753	1731
16216	16216	1754
16609	16609	1755
16647	16647998, 1002, 1008, 1017, 1026, 1031, 1046, 1060, 1072, 1077, 1083, 1088, 1093, 1098, 1101	
16741	16741	1758
16940	16940	1754
17000	494376	1552
17051	484340	1552
17052	445378	1552
17053	498365	1552
17054	484374	1552
17385	22524	1733
17385	78875	1733
17465	17465	1754
17686	17686	660
17918	17918	1724
17990	17990	1758
18189	18189	1754
18447	18447	1728
18714	18714	1755
18714	70321	1755
19696	19696	1726
19776	19776	1752
19891	19891	1718
19891	71498	1718
19895	19895	1754
19998	19998	749
1ADIODE	37779	1714
2 TIER DISPLAY	05053	1153
20 AGU	96681	1723
20 AGUG	82218	1723
20166	20166	1752
20166	87485	1752
20488	20488	1760
20687	20687	1755
20945	20945	1728
20945	39355	1728
21724	21140	1719
21724	21724	1719
21737	21737	1759
22265	22265	1750
22448	22448	1751
22448	69000	1751
22918	22918	1747
22918	89708	1747
22973	10424	1717
22973	22973	1717
23443	23443	1726
23443	31208	1726
23443	83988	1726
23642	23642	1720
23642	54631	1720
23642Y	51434	1720
23874	23874	1386
23904	23904	1753
23913	23913	1750
24" BROOM	70541	1662
24167	24167	1750
24222	24222	1717
24222	35603	1717
24235	24235	1761
24300	496363	1619
24310	460338	1619
24315	444397	1618
24380	455359	1618
24392	485315	1617
24393	484328	1617
24434	24434	1755
24434	76041	1755
24692	24692	1725
24692	57560	1725
25305	433340	1619
25804	25804	1753
25941	25941	1724
25C100HCS5Z	445350	1756
25C75HCS5Z	459333	1756
26-8024	20089	1431
26070	478377	1617
26407	26407	1753
26525	488325	1618
26612	26612	1003, 1039, 1054, 1062, 1150
26932	26932	1755
26936	26936	1223
27385	27385	1731
27457	27457	1758
27656	27656	1753
28181	28181	1755
28706	28706	1758
28905	28905	1753
29360	29360	1731
29430	29430	1754
29823	29823	1755
29955	29955	1758
30 AGU	83467	1723
30 AGUG	30611	1723
30412	30412	1728
30754	30754	723, 729, 732, 737, 751, 758, 787, 791, 796, 801, 805, 814, 817, 821, 825, 836, 871, 878, 881, 886, 897, 900, 905, 911, 916, 923, 937, 940, 944, 947, 950, 954, 967, 999, 1004, 1021, 1025, 1039, 1054, 1062, 1079, 1085, 1089, 1095, 1109, 1113, 1126, 1133, 1150
31124	31124	1006, 1043, 1058
31132	29959	1730
31132	31132	1730
31132	69525	1730
31204	31204	1761
31403	31403	1754
31661	31661	1726
31915	31915	1751
31928	31928	1755
31928	83535	1755
32131	32131	1753
32231	32231	1729
32453	32453	1756
32652	32652	1755
32990	32990	1752
33109	33109	1754
33380	12820	1752
33380	33380	1752
33702	33702	1760
33901	33901	1755
34938	34938	1719
34938	84712	1719
34951	34951	1761
35 AGU	18662	1723
35242	35242	750
35408	13769	1727
35408	35408	1727
35662	35662	1751
35662	39287	1751
36187	34354	1717
36187	36187	1717
36204	36204	1760
36856	36856	1720
36856	61112	1720
37118	37118	1753
37449	37449	1761
37648	37648	1755
37906	37906	1725
37906	68276	1725
37R125WFESZ/B1C	10236	1761
38868	422187	1001, 1016
38868U	418141	1023
38868U	453173	1097
38868U	460078	1087
38901	38901	1223
39155	39155	1724
39318	39318	1728
3ADIODE	24565	1715
3AH09	441010	1708
3H386	479133	1662
3MD51	418153	1615
3MD56	464151	1615
3W141	416174	1654

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Manufacturer / Mfg. Part Number Index

Mfg. Part Number	SKU	Page
3W142	463186	1654
3W184	85900	1654
3W421	484101	1654
3ZC46	417186	1615
4' WALL UNIT	60889	1156
4/0-19TIN	437392	574
40 AGU	70253	1723
40 AGUG	69004	1723
4006SD	452314	1577
4008SD	428370	1575
4012SD	413340	1575
40146	40146	1755
4014SD	439393	1577
4016SD	420385	1574
4020SD	487367	1574
4022SD	413396	1574
4024	37851	651
4024	97946	651
4024SD	482382	1574
4026	67855	651
4026	83483	651
4026	84732	651
4028	33125	651
4028	70269	651
4028SD	459394	1574
4030	60395	651
4030SD	432375	1574
40351-STARTER KIT	40351	1066
4036SD	434386	1575
40567	40567	1725
40658	40658	1722
40658	64898	1722
40671	40671	1758
40670	40870	1753
40890	40890	749
40997	35738	1733
40997	92089	1733
40CNFXZ	63536	1760
410034U	453065	925
410034U	459078891,	896, 921
410034U	465313	895
410343U	490337	773
411040U	451047	1084, 1089
411149U	438176	908
411149U	439173 943,	956
411149U	444101	919
411149U	460123	874
411304U	467377	836
412328U	494382	834
41325	41325	1731
41325	54539	1731
41325	92932	1731
41395	41395	1755
414102U	435329890,	1346
414125U	435193	836
415154U	483145	916
416344U	411384	1112, 1147
416361U	454341	1110
41848	41848	1724
419075U	441036785,	799, 803
41920	41920	1758
420159U	414374 764,	768
42119	42119	1753
422-030	480143	1702
422-072	410162	1702
422057U	466095	1084
422093U	456006	1071, 1076, 1083, 1087
422350U	478332	1111
423322U	451317	773
424007U	493134	835
425134U	478190 719,	735
426080U	488021	1000, 1016, 1023, 1029, 1080, 1086, 1090, 1096, 1100, 1147
426128U	448152	966
426392U	471324	891
42644	42644	1754
427116U	436184	871
42770	42770 752,	1146
428120U	430180	916
428135U	455121	886
428156U	446119	1006, 1043, 1057, 1066, 1147
429108U	412364	1006, 1044, 1058, 1346
429137U	418161	1084
430045U	494027	817
430184U	417154903,	909, 915, 936, 939, 943, 946, 949, 952, 957, 961
431151U	417141	1147
431371U	440355	1111
43169	43169	1758
433113U	451354875,	895, 1347
433148U	469171	999, 1014, 1021
433154U	486309	796
433323U	456386	1111
43368	43368	1754
435011U	453033 817,	824
435011U	467113	827
435011U	472103	820
436084U	436057	923
43626	43626	1728
438045U	445052722,	734, 739, 752, 771, 789, 793, 797, 802, 807, 819, 827, 838, 874, 884, 889, 895, 899, 908, 913, 919, 925, 938, 942, 946, 948, 951, 956, 960, 964, 969, 1147
439192U	18546	1001, 1030, 1045, 1059
439385U	429314798,	1346
440061U	410180	1005, 1043, 1057, 1066, 1075, 1147
440193U	458165	1000, 1016, 1023, 1030, 1080, 1086, 1090, 1097, 1100, 1147
440371U	471365	1110
44096	44096	1755
441090U	459159756,	760, 1147
442160U	433185	834
444160U	456147	954
44418	44418	1756
44418	96025	1756
445336U	468383	1073
446133U	465389909,	1346
44617	44617	1754
447067U	464028	923
448041U	414074	897
448110U	497397786,	800, 805
44875	44875	1725
44955	44955	1752
45002	438345	1619
450301U	441387 761,	767
45070	45070	1717
45070	83463	1717
45129	45129	1751
45129	82214	1751
453338	498364	814
45345	22664	1752
45345	45345	1752
454094U	419037	1093, 1097
454106U	444380739,	798, 875, 890, 895, 909, 920, 1006, 1044, 1058, 1346
454128U	461123	758
455122U	465132	905
455157U	435177	758
456026	456026	1722
457155U	417182	999, 1014, 1021
458022U	439087	897
458047U	430160	1005, 1042, 1057, 1065, 1075, 1147
458379U	413338732,	737, 751, 758, 787, 791, 796, 801, 805, 817, 825, 836, 871, 881, 886, 897, 905, 911, 916, 923, 937, 940, 944, 947, 950, 954, 967, 1004, 1021, 1039, 1054, 1062, 1079, 1085, 1089, 1095, 1150
46124	17994	1729
46124	46124	1729
46124	87540	1729
462021U	495081 895,	920
462369U	454354	936
463164U	416141869,	903, 910, 915, 936, 939, 944, 946, 949, 953, 958, 961
46323	46323	1754
463328U	438322 959,	962
464178U	467069753,	762, 767, 771
464193U	494343	786
465153U	416154 720,	736
465382	412395	1089
466053U	460165722,	734, 738, 770, 788, 792, 797, 802, 807, 815, 819, 826, 837, 873, 883, 889, 894, 899, 907, 913, 918, 924, 938, 942, 946, 948, 951, 956, 960, 963, 968, 1112, 1147
46610	46610	886
466135U	418198871,	905, 911, 916, 936, 940, 944, 947, 949, 953, 958, 962
469004	469004	1722
46903	46903	1719
46903	50092	1719
46916	46916	1759
470179U	414110	999, 1014, 1021
470188U	415016	731
471025U	466042	824
47115	47115	1755
471192U	59691	884
472004U	432146	834
473088U	452098	732
473187U	415127	816
47373	20416	1728
47373	47373	1728
47422	424307	1617
475007U	497183	835
475056U	453154	823
475094U	451327	798
475094U	473080785,	789, 794, 799, 804
476342U	473398	893
476355U	421313	936
478090U	465188	734
478189U	480356722,	728, 739, 1346
478386U	478360 958,	962
479006U	447052 817,	824
479142U	188211038,	1054
480337U	498360	764
480363U	449367	1073
48045	48045	1724
48152	48152	1717
48152	63306	1717
48165	48165	1761
482111U	452348	793
482189U	486197	871
484028U	424099722,	734, 739, 752, 770, 789, 793, 797, 802, 807, 816, 819, 826, 837, 874, 883, 889, 894, 899, 907, 913, 918, 925, 938, 942, 946, 948, 951, 956, 960, 964, 968, 1112, 1147
484129U	439374	998, 1007, 1017
484194U	418160	1003, 1039, 1054, 1062
485007U	450038	757
485051	469129	1727
485144U	424180 940,	954
486148U	495386	869
486168U	495323	795
48622	40599	1727
48622	48622	1727
487127U	450128	836
487183U	82209	1001, 1031, 1045, 1060
48731	48731	1724
488056U	416081	731
488193U	459366920,	1347
489006	489006	1722
490094U	419098	731
490190	477131 736,	805
49092	49092	1750
491000U	418040	1095, 1099
491153U	435107	923
492352U	64285	966
49346	49346	1750
49401	49401	1717
49401	99175	1717
49418	49418	1760
495172U	444142 725,	735
495172U	483166	739
497057U	475040	1000, 1015, 1023, 1029, 1079, 1086, 1090, 1096, 1100, 1147
497095U	436083892,	897, 922
498037U	489147	760
498345U	461320	949
499043U	497081786,	790, 795, 800, 805
4A500	492197	1584
4A501	462168	1584
4DC14	493189	1601
4T309	86434	1630
50 AGU	18646	1723
50 AGUG	17397	1723
500-007A	21065	1529
500-019	16150	1531
5002	474353	1575
5002SH	428385	1575
5004	453383	1575
5004SH	465391	1575
5006	489393	1575
501	417342	1582
5010	419354	1575
5012	492399	1575
5016	467343	1568
5018CC	468342	1621
5018SP	455358	1568
50264	50264 881,	886
5030	453398	1570
5030FT	416351	1570
5032	416341	1546
5033	428357	1545
5045	462383	1578
50663	50663	1761
50771	50771	1759
50862	50862	1754
51-1850	455305	1616
51-1851	426310	1616
51-1852	415357	1616
51120	51120	1725
51120	72023	1725
51283	51283	1729
51446	57565	1729
51446	82739	1729
52079	52079	1725
52111	52111	1754
52115	52115	1223
52623	19392	1719
52623	52623	1719
53360	53360	1755
53485	53485	1754
53781	53781	1725
53872	53872	1719
53872	70999	1719
53885	53885	1758
54211	15303	1733
54211	87345	1733
5436	15859	1614
54613	54613	1222
55-0288	460334	1616
55-0289	418322	1616
55-0290	491354	1616
55-0291	478336	1616
55-0292	487368	1616
55-1784	458374	1616
55-1857	430363	1616
55062	55062	1730
55062	81566	1730
55062	93455	1730
55134	55134	1758
55193	30108	1719
55193	55193	1719
55327	55327	1340
55333	55333	1754
55858	55858	1754
56311	56311	1724
56383	56383	1758

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fg. Part Number	SKU	Page
6840	56840	1728
7310	18917	1756
7310	57310	1756
7632	19239	1756
7632	57632	1756
7831	19438	1754
7831	57831	1754
-0116	430315	1610
-0152	428335	1610
-0153	449301	1610
-0154	469326	1610
-0196	453300	1608
-0201	481301	1608
-0223	457312	1611
-0277	458306	1607
-0279	477328	1607
-0348	480317	1610
-0390	474314	1608
089	58089	1726
169	58169	1752
288	58288	1754
559	35878	1752
559	58559	1752
809	58809	1730
809	68352	1730
809	97202	1730
881	58881	1760
-0245	412333	1608
-0247	481313	1608
001	460324	1521
338	59338	1728
338	90962	1728
380	424394	1617
390	481340	1618
449	478306	1617
808	425316	1617
V636	484077	1662
AGC	42100	1717
32 HNZ /250	76280	1759
AGU	57039	1723
AGUG	55790	1723
00-721	89092	1662
00-88V	50699	1662
058	60058	1726
I	426326	1518
104	450372	1617
106	491338	1617
117	59533	1719
117	60117	1719
130	60130	1759
329	60329	1755
587	22194	1728
587	60587	1728
-P	81490	1729
057	61057	1756
366	61366	1717
366	87210	1717
379	61379	1761
578	61578	1755
783-STARTER KIT	61783	889
836	61836	1727
836	98451	1727
-P	19167	1729
035	47898	1720
035	62035	1720
306	62306	1750
560	62560	1750
615	22389	1717
615	62615	1717
628	62628	1761
632	62632	1751
735	62735	965
-P	85237	1729
052	459335	1520
085	29883	1725
085	63085	1725
150	463329	1520
151	471313	1520
250	418300	1520
339	57785	1719
339	63339	1719
401	447336	1618
405	495377	1618
589	63689	1730
948	63948	1719
-WP	88868	1730

Mfg. Part Number	SKU	Page
64076	64076	1754
64334	10428	1724
64334	64334	1724
64422	64422	880, 885
64494	64494	749
64601	64601	1758
64800	64800	1753
64928	13321	1152
65-TF258C	62498	651
65-TF268M	65596	651
65325	65325	1754
65329	65329	1223
655	88484	1606
65663	65663	1719
65778	65778	1731
66049	66049	1753
66502	66502	1732
66574	66574	1755
66592	66592	1753
66633	28240	1719
66633	66633	1719
66823	66823	1750
66995	66995	1725
67099	67099	1758
68-083	17904	1563
68348	68348	1758
68541	68541	1340
68547	68547	1753
68805	66268	1728
68805	68805	1728
68995	68995	1062
69072	30679	1755
69072	69072	1755
69597	69597	1758
6ADIODE	11351	1715
6AH24	478036	1708
70054	70054	1727
7006	427354	1579
701	446386	1582
701S	457330	1518
70380	70380	1564
70524	70524	1756
70624	70624	1728
70846	70846	1756
71045	71045	1755
71303	71303	1726
71383	71383	1752
71502	71502	1754
71773	51213	1752
71773	71773	1752
71F-187-20	96482	1725
72095	72095	1760
72294	72294	1755
72552	72552	1728
72552	77748	1728
73331	33105	1719
73331	73331	1719
73344	73344	1759
73451	73451	964
73543	73543	1755
73697	73697	884
73801	46844	1728
73801	73801	1728
74085	474085	1758
74100	74100	1761
74580	72747	1717
74580	74580	1717
74593	74593	1761
74792	74792	1755
75050	36657	1726
75050	75050	1726
75050	82815	1726
75137	75137	1734
75249	75249	1720
75511	75511	1753
75520	75520	1750
75842	75842	1761
75918	75918	1733
76299	33630	1725
76299	76299	1725
77290	77290	1754
77294	77294	1223
77491	39098	1730
77491	77491	1730
77491	79718	1730
77548	77548	1724

Mfg. Part Number	SKU	Page
77815	77815	1758
78014	78014	1753
78014-1000	39621	1753
78098	78098	1754
78539	78539	1755
78543	78543	1223
78960	78960	1725
79051	26505	1722
79051	79051	1722
79263	79263	1753
79788	79788	1755
80032	469339	1520
8005	425314	1580
8007	462374	1580
8010	457397	1580
80138	480321	1520
80241	80241	1724
80313	80313	1758
80402-25	427384	1520
80512	80512	1753
81103	457300	1519
81562	81562	1758
81761	81761	1754
82019	82019	1728
8219 BM TF	63479	1512
8219 MM BM	26335	1512
8219 MM NM	64728	1512
8219 TF TM	89907	1512
8219 TM MF	77942	1512
8219 UM MF	25086	1511
82286	82286	1755
82811	82811	1761
83268	83268	1725
83522	30607	1751
83522	83522	1751
84060	45667	1756
84060	84060	1756
84259	84259	1755
84439	84439	1719
84517	35933	1729
84517	43173	1729
84517	84517	1729
84646	84646	1754
84716	84716	1754
84987	64427	1751
84987	84987	1751
85508	85508	1755
85766	64534	1729
85766	85766	1729
85817U	85828 968, 1146	
86316	86316	1062
865-218	427187	1565
86545	46319	1719
86545	86545	1719
86558	86558	1761
86757	86757	1755
87314	87314	1761
87794	47568	1717
87794	87794	1717
87807	87807	1761
87811	87811	1760
88006	88006	1755
88103	422399	1617
88115	418333	1617
88150	464348	1617
88200U	89406	881
88205U	89408	881
88264	49871	1726
88264	88264	1726
88463	22719	1720
88463	88463	1720
89023	457334	1519
89024	422324	1520
89056	89056	1761
89164	89164	1760
89201U	89361	880
89201U	91567	884
89255	89255	1755
89513	89513	1725
89513	95953	1725
89606	89606	1752
89839	16669	1729
89839	19172	1729
89839	89839	1729
9-37353	68659	1601
9004G	464368	1581

Mfg. Part Number	SKU	Page
9006G	478383	1581
9008G	445377	1581
901	491399	1582
9010G	491379	1581
90504	90504	1754
90508	90508	1223
90762	90762	1724
91029	91029	1758
91112	39505	1756
91112	91112	1756
91228	91228	1754
91878	91878	1754
91933	91933	1719
92174	92174	1725
92206	92206	660
92477	54084	1753
92477	92477	1753
92604	40482	1733
92604	60917	1733
93002	93002	1755
93061	54668	1717
93061	93061	1717
93302	93302998, 1003, 1013, 1020, 1028, 1038, 1053, 1061, 1073, 1078, 1084, 1089, 1094, 1098, 1101	
93527	93527	1758
93726	93726	1753
93956	939561039, 1054	
94174	94174	1005, 1042, 1057, 1065, 1075, 1146
94251	94251	1754
94776	94776	1758
94975	94975	1754
95082	95082	966
95500	57107	1755
95500	95500	1755
95691	449370	1580
95693	499328	1580
95702	436346	1580
95703	47843	1755
95703	95703	1755
95704	468334	1580
95722	44115	1723
95722	95722	1723
96224	96224	1754
96600	96600	1752
96677	58284	1718
96677	96677	1718
96952	74271	1752
96952	96952	1752
97274	97274	1760
97473	59080	1755
97473	97473	1755
97559	97559	1062
97731	42178	1729
97731	94780	1729
97731	97731	1729
98103	98103	1146
98510	97926	1719
98510	98510	1719
98523	98523	1759
98980	44346	1728
98980	98980	1728
99505	99505	1720
99759	73996	1717
99759	99759	1717
99772	99772	1761
99971	99971	1755
A6207	94387	1152
A6208	42780	1152
A6209	81173	1152
AA-38	484178	526
AA-38L	451279	526
AA-AM	77107	526
AA-SL	69829	526
AA-U	85841	526
AA-US	434058	526
AB-CB	91730	529
AB-S50	45526	486
AB-S50-SSH	464121	486
AC-P716	425076	493
AD-P03	38499	466
AD-P03T	12173	466
AD-P05	12110	466
AD-P05T	12198	466

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Manufacturer / Mfg. Part Number Index

Mfg. Part Number	SKU	Page
AD-P09	12118	466
AD-P09T	51853	466
AD-P16	12147	466
AD-P60	13687	466
AD-P60-SCP	423029	474
AD-P60L	13744	467
AD-P90	38508	466
AD-P90-SCP	45481	474
AD-P90L	13682	466
AGC-ATC FUSEKIT	85296	1716
AGC-KIT	90292	1716
ALLIGATOR	96280	1732
AT-K306-U	45239	558
ATC FUSE KIT	60212	1718
ATC-KIT	26720	1718
ATM-KIT	63466	1721
AZ14	71947	1764
B-100-S	55060	477
B1201	478398	1697
B1204	417359	1697
B1205	496333	1697
B1301	447320	1697
B1304	493399	1697
B1305	434311	1697
B1602	437361	1693
B1603	410351	1693
B1611	486331	1693
B1613	470371	1693
B1613P	462377	1693
B1618	454349	1694
B1623	455361	1693
B1623P	499366	1693
B1631	448383	1693
B1631P	425391	1693
B1631P	455337	1693
B1633	492384	1693
B1633P	426350	1693
B1636M	479349	1694
B1651	429381	1693
B1651P	414385	1693
B1653	434399	1693
B1653P	470393	1693
B1720	460374	1688
B1724	449353	1688
B2004	494348	1694
B2008	491369	1694
B2024	410392	1694
B2028	498386	1694
B2108	497388	1695
B2110	468363	1695
B2118	487386	1694
B2128	415365	1694
B2184	410357	1695
B2185	483321	1694
B4123	452365	1689
B4124	499394	1689
B41240	440334	1689
B4125	468377	1689
B41304	440348	1689
B41440	483348	1689
B5123	411395	1689
B5124	494377	1689
B5125	466327	1689
B51250	478385	1689
B5126	425347	1689
B51304	444326	1689
B513050	470385	1690
B51450	490399	1690
B6123	427310	1689
B6124	499378	1689
B6125	449368	1689
B61250	446359	1689
B6126	434393	1689
B613050	464363	1689
B61450	450362	1689
B6712	491373	1694
B6713	498398	1694
B6716	443396	1694
B6717	442358	1694
B6720	440373	1694
B6725	494383	1694
B6727	448323	1694
B6728	423386	1694
B6734	464338	1694
B6735	498331	1694
B6735R	433386	1694
B6736	465398	1694
B6747	439357	1694
B7500	430395	1692
B7502	443335	1692
B7510	434359	1692
B7512	432363	1692
B7522	472381	1693
B7524	451389	1693
B7525	486321	1692
B7527	436305	1692
B7528	482332	1693
B7529	426374	1693
B7591	486386	1692
B8011	455349	1697
B8018	450317	1697
B8201	420338	1696
B82250	437311	1696
B9004	429359	1691
B9008	459374	1691
B9024	439340	1691
B9028	447378	1691
B9034	486360	1691
B9038	482344	1691
B9104	469323	1691
B9134	458346	1691
B9144	423319	1691
B9204	448364	1691
B9208	492351	1691
B9224	439394	1690
B9228	464332	1691
B9234	476375	1691
B9238	464357	1691
B9244	472353	1691
B9248	486334	1691
B9254	441390	1691
B9258	423324	1690
B9264	496395	1691
B9268	414387	1690
B9428	427365	1691
B9438	446366	1691
B9468	476367	1691
B949	457346	1695
B9508	421375	1691
B9528	451329	1691
B9600	443388	1691
B9701	433350	1695
B9702	433360	1695
b9704	439325	1695
B9715	468375	1695
B9742	462321	1695
B9830	493395	1696
B9831	469389	1696
B9841	466381	1695
B9844	467360	1695
B9849	493373	1695
B9865	433357	1696
B9867	450395	1696
B9868	490348	1696
BA-114-1A	31375	516
BA-114-1B	28877	517
BA-12-1A	84231	516
BA-12-1B	56554	517
BA-12-2A	32624	516
BA-12-2B	94947	517
BA-12-3A	71017	516
BA-12-3B	43340	517
BA-12-4A	19410	516
BA-12-4B	30126	517
BA-127-1B	63523	518
BA-158-1A	69768	516
BA-158-1B	67270	517
BA-158CR-1A	63403	518
BA-180-1A	64772	516
BA-180-1B	50309	518
BA-214-1A	18161	516
BA-214-1B	54056	517
BA-400	39277	518
BA-500	79588	519
BA-52-1A	79235	516
BA-52-1B	13165	517
BA-58-1A	460163	516
BA-58-3A	426344	516
BA-63-1A	27628	516
BA-63-1B	51558	518
BA-77-1A	14414	516
BA-77-1B	89951	518
BA-78-1A	57803	516
BA-78-1B	68519	517
BA-78-2A	96196	516
BA-78-2B	55305	517
BA-78-3A	44589	516
BA-78-3B	93698	517
BA-78-4A	82982	516
BA-78-4B	80484	517
BA-78CR-1A	492397	516
BA-85-1A	39593	516
BA-85-1B	38344	518
BA-90-1A	77986	516
BA-90-1B	25130	518
BARE-18-SOL	452345	574
BARE-2-7STR-TIN	481311	574
BARE-2-SOL	475357	574
BARE-4-SOL	493332	574
BARE-6-SOL	491370	574
BAT12	53472	1224
BATTERY CLEANER	47897	1701
BB-S10	487120	486
BB-S10-10	469190	486
BB-S20	433119	486
BC-01	433198	492
BC-05	495110	492
BC-10	93108	492
BC-20	477159	486
BC-20-10	452151	486
BC-30	444194	486
BC-30-10	435191	486
BC-35	415162	486
BC-35-14	459172	486
BC-35-5	447165	486
BC-40-16	415398	486
BEM23	423390	1689
BEM35	438377	1689
BEM36	435378	1689
BF335	478300	1690
BF3360	444310	1690
BF435	428340	1690
BF4360	438394	1690
BFH10AB	424164	1720
BFH12AB	475150	1720
BFH16AB	499189	1720
BFH18AB	452167	1720
BG-10-70	440328	466
BG-10-70SSH	425303	466
BG-10-96	456338	466
BG-10-96SSH	448307	466
BG-13-70	424308	466
BG-13-70SSH	492307	466
BG-13-96	464307	466
BG-13-96SSH	458360	466
BH-114	77919	454
BH-114-NH	28843	454
BH-12	14347	454
BH-12-NH	87381	454
BH-127	457333	455
BH-158	26312	454
BH-158-NH	67236	454
BH-180	473332	455
BH-180-NH	46490	455
BH-214	76214	454
BH-214-NH	99346	454
BH-43	452351	455
BH-52	485390	455
BH-52-NH	86132	455
BH-58	461145	454
BH-58-NH	35774	454
BH-63	46453	455
BH-63-NH	34525	455
BH-64	482379	455
BH-77	425355	455
BH-78	39526	454
BH-78-NH	74167	454
BH-85	46458	455
BH-85-NH	59704	455
BH-S114	440335	454
BH-S114-NH	447398	454
BH-S12	463128	454
BH-S12-NH	447315	454
BH-S158	489172	454
BH-S158-NH	428138	454
BH-S38	484331	454
BH-S38-NH	33950	454
BH-S78	451194	454
BH-S78-NH	477368	454
BLANK CIG LIGHT.	14043	1734
BLUEMINFTPR	63642	1723
BM BM	79191	1512
BQDM110	15305	1724
BSRM-10	470380	1696
BSRM-6	463338	1696
BV435	411394	1690
BV4360	473386	1690
BV4460	479312	1690
CB-114	54586	524
CB-114L	65607	524
CB-12	19047	524
CB-12CR	57026	524
CB-12L	78821	524
CB-158	92979	524
CB-158CR	486186	524
CB-158L	14000	524
CB-214L	57754	524
CB-58	12268	524
CB-78	16193	524
CB-78CR	18633	524
CB-78L	27214	524
CC-100-6	476161	491
CC-200	469179	491
CC-215-6	421172	491
CCB316/100	10483	1751
CELLULAR SITE KIT	62092	1529
CELLULAR SITE KIT	77804	1529
CH-114	19763	454
CH-12	84584	454
CH-158	58156	454
CH-78	71370	454
CH-A114-1	82840	457
CH-A12-1	48194	457
CH-A12-2	33731	457
CH-A12-3	20517	457
CH-A12-4	58910	457
CH-A12-5	454141	457
CH-A158-1	69626	457
CH-A214-1	18019	457
CH-A52-1	480342	457
CH-A63-1	476396	457
CH-A78-1	84089	457
CH-A78-2	19268	457
CH-A78-3	57661	457
CH-A78-4	96054	457
CH-ARG213-6	84883	457
CH-ARG8-6	33276	457
CIG SOCKET	63535	1734
CIG.PLUG	36852	1734
CL-0420-NH	415306	508
CL-0810-NH	489335	508
CL-0810-U	484398	508
CL-0820-NH	447395	508
CL-0820-U	425388	508
CL-08R.01	449386	508
CL-1210-NH	410188	508
CL-1210-U	452319	508
CL-1220-NH	482116	508
CL-1220-U	443364	508
CL-20-H	486159	509
CLS-1	39916	1384
CM-12B-2	31059	1737
CM-12BR-2	76764	1737
CM-12G-2	69452	1737
CM-12R-2	17845	1737
CM-12W-2	94631	1737
CM-12Y-2	43024	1737
CM-158BR-2	25157	1737
CM-158G-2	62377	1737
CM-158R-2	23984	1737
CM-78B	71213	1743
CM-78BR-2	63550	1737
CM-78G	84427	1743
CM-78G-2	43443	1737
CM-78R	19606	1743
CM-78R-2	56657	1737
CM-78W	57999	1743
CM-78W-2	80587	1737
CM-78Y	44785	1743
CM-78Y-2	15766	1737
CM-TB	52011	1742
CM-TBR	90404	1742
CM-TG	38797	1742
CM-TR	77190	1742

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g. Part Number	SKU	Page
M-TW	25583	1742
M-TY	63976	1742
O-100	472151	491
O-200	49055	491
O-400	32144	491
P-114	69346	519
P-12	82560	519
P-158	58630	519
P-78	83809	519
PTK	22722	1562
S-B	54638	522
S-B-2	53389	522
S-B-R2	28210	522
S-B-R6	14996	522
S-BL	91782	522
S-BL-2	90533	522
S-BL-A	445130	523
S-BL-R2	13747	522
S-BL-R6	25712	522
S-BL-R6	52140	522
S-BLH	38926	522
S-BLH-2	64105	522
S-BLH-R2	77319	522
S-BS	46783	523
S-U1212	431129	1744
S-U12158	463136	1744
S-U1278	456186	1744
T-P4	73567	505
T-P8	21960	505
T-S12	93026	505
A-C200	445176	491
C-F02	473158	492
C-P10	446120	493
IN TOOL2	80967	1615
M-100	466163	472
M-300	469349	477
M-400	15390	494
P-1033	36625	512
P-1113	66078	513
P-1118	53740	512
P-1191	27685	513
P-1199	80168	511
P-1297	15347	512
P-1333	65705	512
P-1334	87855	512
P-1336	92133	512
P-1340	14098	512
P-1447	40526	512
P-1448	16596	511
P-1449	28561	511
P-1635	90884	511
P-1650	439350	511
P-220	68203	510
P-549	15720	513
P-550	54113	513
P-551	92506	513
P-552	40899	513
P-553	79292	513
P-574	433369	511
P-575	93382	511
P-576	66954	512
B-P9943-54	37485	1662
B-0210-IS	52864	560
B-0210-IT	91257	560
B-0210-NH	489157	560
B-0210-NS	39650	560
B-0210-NT	78043	560
B-0210T-IT	432153	560
B-0212-IS	26436	560
B-0212-IT	64829	560
B-0212-NH	15253	560
B-0212-NS	13222	560
B-0212-NT	51615	560
B-0214-IS	90008	560
B-0214-IT	76794	560
B-0214-NH	418145	560
B-0214-NS	25187	560
B-0214-NT	63580	560
B-0214T-IT	496122	560
B-02512-IS	62799	560
B-02512-IT	61550	561
B-02512-NH	99943	561
B-02512-NS	48336	561
B-02512-NT	35122	561
B-02519-IS	73515	561
B-02519-IT	21908	561

Mfg. Part Number	SKU	Page
GB-02519-NH	98694	561
GB-02519-NS	47087	561
GB-02519-NT	33873	561
GB-03125	483157	1757
GB-03145	458148	1757
GB-03165	495190	1757
GB-03205	434124	1757
GB-03225	450140	1757
GB-0412-IS	11973	561
GB-0412-IT	96452	561
GB-0412-NS	83238	561
GB-0412-NT	18417	561
GB-0412T-IT	462125	561
GB-0414-IS	43596	561
GB-0414-IT	81989	561
GB-0414-NH	66860	561
GB-0414-NS	17168	561
GB-0414-NT	93954	561
GB-04165	497185	1757
GB-0420-IS	436194	561
GB-0420-IT	460148	561
GB-0420-NT	428174	561
GB-0420T-IT	419160	561
GB-0424-IS	42347	561
GB-0424-IT	29133	561
GB-0424-NH	45626	561
GB-0424-NS	67526	561
GB-0424-NT	15919	561
GB-0424T-IT	453121	561
GB-05165	476160	1757
GK-114	11197	460
GK-158	49590	460
GK-78	62804	460
GK-C114	39794	459
GK-C114-2H2	78187	459
GK-C114S	51759	459
GK-C12	67471	458
GK-C158	38545	459
GK-C158-2H2	76938	459
GK-C158S	25331	459
GK-C214	63724	459
GK-C214-2H2	12117	459
GK-C214S	50510	459
GK-C58	494360	458
GK-C78	14615	458
GK-C78-2H2	53008	458
GK-C78S	91401	458
GK-S114	32926	458
GK-S12	41669	457
GK-S158	19712	458
GK-S158CR	63407	458
GK-S214	14471	458
GK-S38	67985	457
GK-S52	46432	458
GK-S63	46440	458
GK-S78	46140	457
GK-S78CR	63420	457
GK-S85	46448	458
GK-U1H2-A38	25538	459
GK-U1H3-A38	31258	459
GK-U1H4-A38	69651	459
GK-U1H5-A38	11782	459
GK-U1H5-U	18514	459
GK-U2H2-A14	62140	459
GK-U2H2-A38	35712	459
GK-U2H3-A14	10533	459
GK-U2H3-A38	74105	459
GK-U2H4-A14	48926	459
GK-U2H4-A38	22498	459
GK-U2H5-A14	87319	459
GK-U2H5-A38	60891	459
GK-U2H5-U	23747	459
GLS-0314	417380	1752
GMA .5	40411	1716
GMA 1.0	17460	1716
GMA 1.0	43878	1716
GMA 1.5	26157	1716
GMA 10.0	90837	1716
GMA 2.0	61463	1716
GMA 3.0	12943	1716
GMA 5.0	51336	1716
GMA 8.0	14060	1716
GN-04	496123	1759
GN-04A	457178	1759
GP810	61980	1735
GP88	23587	1735

Mfg. Part Number	SKU	Page
GR410	65727	1735
GR438	14120	1735
GR456	27334	1735
GR810	78941	1735
GR838	40548	1735
GR856	92155	1735
GRN88	63229	1735
GS810	75194	1735
GS88	36801	1735
GSB10	32910	1567
GUB-3244	448135	1757
GUB-3304	466130	1757
GUB-4240	25313	476
GUB-4260	442190	1757
GUB-4340	474081	1757
GUB-4355	417170	1757
GUB-4456	497148	1757
GUB-5456	50889	477
GWF-03	484136	1760
GWF-04	454138	1760
GWF-05	453156	1760
GWF-06	447129	1760
GWL-03	421162	1760
GWL-04	412143	1760
GWL-06	411125	1760
HCA01	41990	1735
HCA03	80383	1735
HCA06	28776	1735
HCA12	15562	1735
HCA15	53955	1735
HCA20	92348	1735
HDG5	68803	1567
HG-114	77336	461
HG-114L	475196	460
HG-12	52157	460
HG-12L	57096	460
HG-158	498156	461
HG-158CR	63380	461
HG-158L	95489	460
HG-214	35183	461
HG-214L	426161	460
HG-38L	443301	460
HG-52	46420	461
HG-58	496013	460
HG-58L	441308	460
HG-64	46478	461
HG-78	90550	461
HG-78L	43882	460
HG-85	46503	461
HHB/100	87907	1718
HHB/25	95691	1718
HK-34-10	432140	456
HK-CL-A	476123	509
HK-CL-R	443113	509
HK-CL-U	38830	509
HK-DSCB	79765	524
HK-DSCB158	14944	524
HK-ECBL	77572	524
HK-ECBL158	25965	525
HK-ECBL214	471123	525
HK-SCBL	90786	524
HK-SCBL158	39179	525
HK-SCBL214	483175	525
HK-SSCB	41372	524
HK-SSCB158	66551	524
HK-TSCB	28158	524
HK-TSCB158	53337	524
HOLIDAY WOBBLERS	87748	1154
HP10-100-BK	81103	1762
HP10-100-RD	81110	1762
HP10-500-BK	81112	1762
HP10-500-RD	81115	1762
HP12-100-BK	81129	1762
HP12-100-GR	81130	1763
HP12-100-OR	81134	1763
HP12-100-RD	81154	1763
HP12-500-BK	81164	1763
HP12-500-RD	81177	1763
HP14-100-BK	81196	1763
HP14-100-BL	81206	1763
HP14-100-BR	81228	1763
HP14-100-GR	81229	1763
HP14-100-OR	81249	1763
HP14-100-RD	81253	1763
HP14-100-WH	81257	1763
HP14-100-YE	81283	1763

Mfg. Part Number	SKU	Page
HP14-500-RD	81303	1763
HP16-100-BK	81306	1763
HP16-100-BL	81304	1763
HP16-100-GR	81323	1763
HP16-100-OR	81351	1763
HP16-100-RD	81355	1763
HP16-100-YE	81372	1764
HP18-100-BK	81374	1764
HP18-100-BL	81391	1764
HP18-100-GR	81408	1764
HP18-100-OR	81422	1764
HP18-100-RD	81454	1764
HP18-100-YE	81507	1764
HP8-100-BK	80663	1762
HP8-100-RD	80760	1762
HRS5	94321	1736
HRS7	42714	1736
HS-400	433060	472
HS-600	451157	472
HW-3834	32017	456
J-300	417178	1740
JC-K4	470065	509
JC-K6	55251	509
JC-K7	45562	509
JC-K8	52450	509
JTK-17QC	56986	1524
JTK-2100W	66550	1524
JTK-2100WM	66544	1524
JTK-54DRL	66528	1524
L-11-10-P	43097	1726
L18600	14590	1615
L26200	26555	1617
L26250	39769	1617
L27450	13341	1616
L35400	52983	1615
L55200	66197	1717
LED2	79792	1223
LG-14-B	55666	566
LS-SB50	434104	474
LS-SB50-SSH	437146	474
LT-06-4D	487040	506
LT-09-4D	429158	506
LT-12-4D	89765	506
LT-12-6D	455307	506
LT-18-4D	491189	506
LT-24-4D	453030	506
LT-C45-12-4D	421038	506
LT-C45-24-4D	423093	506
LT-C90-09-4D	443186	506
LT-C90-12-4D	473136	506
LT-C90-24-4D	443187	506
LT-SS-A	456001	506
LT-TJ-12-4D	436136	506
LT-V45-12-A	495011	506
LT-V90-12-A	456170	506
LT-V90-24-A	419141	506
LT-VC-A	89772	507
LT-VSS-06-A	490152	506
LT-VSS-09-A	410156	506
LT-VSS-12-A	89771	506
LT-VSS-24-A	457063	506
LT-ZC-A	439162	507
M1002	38254	1154
M1007	50219	1154
MAINTENANCE KIT	453235	1526
MC-AA0406-B	431379	468
MC-F03	467102	492
MC-H300	419197	521
MC-RM1030-3	462157	468
MC-RM1030-4	420392	468
MC-RM3060-3	415168	468
MC-SA40-B	427378	468
MEG20	82770	1620
MEG21	71779	1620
MES2	17469	1222
MF-126	98877	503
MF-1292	88348	523
MF-130	60484	502
MF-185	456016	528
MF-273	27158	502
MF-279	12695	503
MF-357	434191	523
MF-397	72449	499
MF-511	47990	503
MF-974	60754	495
MF-977	35575	495

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Manufacturer / Mfg. Part Number Index

Mfg. Part Number	SKU	Page
MF-979	48789	495
MF-981	62003	495
MF-988	23610	495
MINFTPR	90070	1723
MINI-ATM	86640	1721
MINTAPPER	44984	1722
MINTAPPER	58504	1722
MINTAPPER	96897	1722
MOS-131	454334	999
MPS1	53364	1222
MS-100	429085	486
MS-SB50	72152	474
MS-SB50-SSH	57379	474
MT-101	74354	510
MT-102	86319	510
MT-103	59891	510
MT-1222	25223	493
MT-1223	53038	493
MT-180	18036	481
MT-181	94822	481
MT-186	93048	467
MT-186-114	426183	493
MT-186-63	56523	493
MT-186-72	11929	493
MT-186-96	440159	493
MT-190	81159	468
MT-191	29552	468
MT-192	67945	468
MT-193	74914	468
MT-194	61700	468
MT-196	66893	468
MT-196-14	481123	468
MT-196-14L	478117	468
MT-197	48486	468
MT-197-48	411127	468
MT-197-C	443175	468
MT-198	41462	468
MT-198-C	438144	468
MT-199	43215	468
MT-200	23598	471
MT-205	99135	471
MT-216	45030	466
MT-216-14	432145	466
MT-216-NS	451273	466
MT-219	95388	493
MT-219-63	12788	493
MT-219-72	51181	493
MT-219-84	465147	493
MT-219-H	415122	466
MT-220	43781	493
MT-220-108	451161	493
MT-221	78339	476
MT-222	47202	476
MT-2228	98666	1742
MT-223	20774	476
MT-230	79676	478
MT-231	28069	478
MT-232	66462	478
MT-232-63	76068	478
MT-232-72	24461	478
MT-232-84	62854	478
MT-238	70408	471
MT-240	55945	471
MT-241	30949	470
MT-241-48	10728	470
MT-241-63	62335	470
MT-241-SP-H	499371	470
MT-242	24322	470
MT-242-60	478137	470
MT-244	42007	470
MT-244R	58443	470
MT-245	76653	470
MT-245-60	496126	470
MT-246	73570	477
MT-247	12357	477
MT-248	89143	477
MT-249	80359	478
MT-250	58383	478
MT-257	75404	470
MT-259	84871	470
MT-262	480145	1753
MT-263	462194	1753
MT-264	499117	1753
MT-265	412113	1753
MT-269	458128	1759
MT-271	423140	1759
MT-280	486122	1759
MT-346	47270	501
MT-347	85663	501
MT-348	34340	501
MT-349	21126	501
MT-350	22438	499
MT-351	60831	499
MT-352	22091	500
MT-353	86983	503
MT-354	29656	498
MT-357-12	12498	501
MT-357-24	50891	501
MT-365-G	36618	514
MT-365P	65498	514
MT-366	85164	514
MT-369-24	428379	535
MT-370	467312	535
MT-371	443305	535
MT-373	420360	535
MT-373-24	430346	535
MT-374	493164	535
MT-377	24141	535
MT-378	480174	535
MT-382-24	498147	535
MT-385	475126	534
MT-388	487102	535
MT-390	421115	536
MT-395	53879	493
MT-397	75311	493
MT-399	29495	493
MT-399-24	65390	493
MT-400	12534	493
MT-401	49678	493
MT-401-63	69215	493
MT-401-72	98787	493
MT-401-84	32717	493
MT-401-96	71601	493
MT-402	51287	493
MT-402-63	18254	493
MT-402-84	81826	493
MT-404	36824	495
MT-406	19233	495
MT-407	57626	495
MT-408	96019	495
MT-409	44412	495
MT-410	82805	495
MT-411	31198	495
MT-412	41914	495
MT-414	415088	495
MT-415	455063	495
MT-416	88953	481
MT-422	25571	484
MT-423	36486	483
MT-431	466362	1759
MT-433	497362	1759
MT-460	410154	1709
MT-461	62617	1705
MT-464	35094	1742
MT-465	73487	1742
MT-465-1	21880	1741
MT-469-2	60273	1742
MT-475	46021	533
MT-491	71200	534
MT-492	449102	534
MT-497	19593	504
MT-504	435136	533
MT-508	68704	504
MT-509	470342	501
MT-518	470196	537
MT-519	446165	537
MT-522	49674	504
MT-524	497150	496
MT-527	447194	496
MT-530	446190	496
MT-537	48272	496
MT-537-150	468133	496
MT-538	31828	496
MT-539	52337	496
MT-540	28634	496
MT-547-156	438344	496
MT-547-174	490114	496
MT-547-192	410353	496
MT-572	53646	565
MT-573	92039	565
MT-574	40432	565
MT-575	27218	565
MT-576	476174	575
MT-577	57822	566
MT-577-100	447369	566
MT-578	75134	566
MT-578-100	494302	566
MT-579	463121	570
MT-580	420136	570
MT-584-19-BLK	420341	574
MT-584-19-GRN	463151	574
MT-584-7-BLK	413329	574
MT-584-7-GRN	497351	574
MT-585	476196	574
MT-585-T	439195	574
MT-586-G	481111	574
MT-587	499136	574
MT-588	47059	566
MT-589	481168	574
MT-591	85452	566
MT-591-100	437366	566
MT-592	33845	566
MT-592-100	72238	566
MT-594	411173	566
MT-595	476156	566
MT-599	31070	474
MT-600	419145	472
MT-601	74574	472
MT-602-HD	472176	472
MT-605	32319	474
MT-606	95891	474
MT-607	44284	474
MT-623	37548	496
MT-640	97696	529
MT-641	14327	529
MT-642	16825	529
MT-643	55218	529
MT-647	65611	529
MT-648	51708	496
MT-649	46796	496
MT-650	12066	496
MT-650-63	88852	496
MT-651	37245	496
MT-651-84	24031	496
MT-651-96	62424	496
MT-652	81788	496
MT-653	30181	496
MT-654	68574	496
MT-662	421164	534
MT-664	11281	534
MT-666	23946	534
MT-668	425163	534
MT-669	437197	534
MT-680	415150	239
MT-C6014	15434	498
MT-F1133	68049	500
MT-F1220	11971	499
MT-F1221	50364	499
MT-F1223	41621	500
MT-F1224	68612	493
MT-F1225	15756	493
MT-F1226-63	79328	493
MT-F1226-96	78079	493
MT-F1542-11	410158	504
MT-F1543	425145	504
MT-F1544-11	66999	504
MT-F1545	15392	504
MT-F1571	52536	505
MT-F1573-11	40571	504
MT-F1574	78964	504
MT-F1585	48713	505
MT-F1586	49320	521
MT-F1587	39648	521
MT-F1588	10927	521
MT-F1589	87713	520
MT-F1590	74499	520
MT-F1591	91255	520
MT-F1595	438308	504
MT-F1596	53785	504
MT-F1597	27357	504
MT-F1598	49050	505
MT-F1599	27971	505
MT-F1600	448150	505
MT-F1607	36106	520
MT-F1608	22892	520
MT-F1637	41822	505
MT-F1703	65750	505
MT-F1704	14143	505
MT-F1718	49115	499
MT-F1724	449176	505
MT-F1725	88734	505
MT-F1726	79237	505
MT-F501	62534	498
MT-F502	35901	498
MT-F503	37150	499
MT-F504	34056	500
MT-F505	54835	500
MT-F91149	53931	478
MT-F91151	67145	478
MT-F91155	92324	478
MT-F91156	15538	478
MVU14-516R/SK	52162	1727
N25	34032	1716
N3	84130	1716
N344	35281	1715
N5	47246	1716
N5C	70916	1716
NCT-1	14133	1746
NCT-760T	465380	1549
NCT-770T3	471312	1549
NCT-780T	479398	1549
NCT-907T	451325	1549
NEW CHARGER PANEL	431040	1156
NEW HEADSET PANEL	427054	1156
NEW RECHARG PANEL	427002	1156
NEW SYSTEM PANEL	419058	1156
NEW TAKEONE PANEL	493031	1156
NM BM	27584	1512
NM MF	52763	1512
NM NM	65977	1512
NM SF	432077	1512
NM SMA	35245	1512
NM TM	14370	1511
OEM COUNTER DISP	18934	1155
P-100	496018	472
P-200	438159	472
P-300	484155	472
P-400	453144	472
P401S	421368	1518
P450S	468314	1518
PANEL-WS LOGO	21531	1156
PB-G3S-2	461174	472
PB-G3T-2	72866	472
PB-G3T-4	414171	472
PC-034	419219	502
PC505	46560	1734
PM-AT412-60	479146	494
PN-03	498103	1759
PN-05	440178	1759
PN-06	453176	1759
PN-07	433150	1759
PROTECTANT	34683	1704
PST6	14971	1222
RB08/100	42769	1727
RB08/1000	81162	1727
RB10/100	46931	1727
RB10/1000	85324	1727
RC-114	56559	516
RC-12	69773	516
RC-158	94952	516
RC-78	18166	516
RC-B	46529	516
REDMINFTAPR	12035	1723
RF-N10-B	460126	480
RF-N12-3-72	451176	480
RF-N12-B	491157	480
RF-N14-B	486157	480
RF-N7-B	436388	480
RH1	65456	1714
RH2	44084	1714
RH3	13849	1714
RING ASSRT	88410	1727
RM-A100	23162	527
RM-A200	61555	527
RM-A300	99948	527
RM-A400	48341	527
RM-A500	37874	528
RM-BU	40123	528
RM-BWP	65302	528
RM-USBG	12369	528
RM-USBS	50762	528
RP-1001	33557	513
RP-1002	71950	513
RP-1004	20343	513

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Mfg. Part Number	SKU	Page
P-1006	97129	513
P-1007	45522	514
P-1023	72271	514
P-1036	59057	514
P-1038	97450	514
P-1412	45843	514
200	482199	472
300	74005	472
400	43954	472
400L	428173	472
500	72158	472
A-38S	437194	527
A-38S100	414198	527
A-38S200	421153	527
A-38S300	436133	527
A-38S400	486177	527
A-MAT	491196	493
A-MK	414179	493
A-SG	457196	526
A-SG100	78394	526
A-SG200	493158	526
A-SG300	450186	526
A-SG400	469124	526
A-SG500	472188	526
A-SS100	51966	527
A-SS200	90359	527
A-SS300	38752	527
A-SS400	77145	527
A-SS500	459108	527
A-UG	46199	526
A-UG100	418104	526
A-UG200	87751	526
A-UG300	468043	526
A-UG400	90708	526
A-UG500	474190	526
A-UG600	448154	526
A-US	40001	526
A-US100	491018	526
A-US200	429166	526
A-US300	451014	526
-0206	423156	1756
-0210	496184	1756
-0310	44608	1756
-0312	53043	1757
-0316	488187	1757
-0320	451195	1757
C-114-1	71022	519
C-12-1	75018	519
C-12-2	61804	519
C-12-3	84236	519
C-12-4	19094	519
C-158-1	19415	519
C-180-1	46467	519
C-214-1	12849	519
C-52-1	97915	519
C-63-1	46474	519
C-78-1	95880	519
C-78-2	44273	519
C-78-3	32629	519
C-78-4	82666	519
C-78CR-1	27700	519
C-B	471340	519
C-P10	460139	493
CN-001-10P	88865	1730
CN-002-10P	37258	1730
CN-003-10P	75651	1730
-SP12-3-72	482113	467
-SP12-4-96	493141	467
-SP14-3-72	470116	467
-TP10-72	494392	466
-TP13-72	414356	466
-U12-3-72	474134	466
-U12-3-96	479158	466
-U12-4-72	471301	466
-U12-4-96	466311	466
-U12-B	456323	466
-U14-B	486123	466
I-U114	29971	455
I-U12	43185	455
I-U158	68364	455
I-U214	66679	455
I-U58	37478	455
I-U78	81578	455
I-ADP-2	14146	494
I-ADP-4	418049	494
I-U2080	487168	495
SM-UA2080	426179	495
SM-UR2080	494161	495
SN-02	441144	1759
SN-03	53055	1759
SPCM110	84263	1736
SPCM400	19442	1736
SPCM800	71049	1736
SPDT	64207	1714
SRA08X	60730	1727
SS-1FB2550	71599	521
SS-1FB6080	58385	521
SS-2FB2550	81066	521
SS-2FB6080	29459	521
SS-FB	41098	521
SS-TB	92705	521
SS-TB2550	98027	521
SS-TB6080	84813	521
SSS853/100	53400	1756
ST100-1/16	40332	1737
ST100-1/16	68674	1737
ST100-1/2	29032	1737
ST100-1/4	42246	1737
ST100-1/8	55460	1737
ST100-1/8	78725	1737
ST100-3/16	27118	1737
ST100-3/16	93853	1737
ST100-3/32	17067	1737
ST100-3/4	67425	1737
ST100-3/8	80639	1737
ST302-1	53546	1736
ST302-1-1/2	91939	1737
ST302-1/2	66760	1736
ST302-1/4	79974	1736
ST302-3/16	41581	1736
ST302-3/4	15153	1736
ST302-3/8	28367	1736
STAR-RING KIT	11624	1727
STS221 -1/2 BK	69923	1737
STS221 -1/2 CL	58435	1737
STS221 -1/4 BK	18316	1737
STS221 -1/4 CL	58193	1737
STS221 -1/8 BK	56709	1737
STS221 -3/16 BK	95102	1737
STS221 -3/16 CLR	72214	1737
STS221 -3/32 BK	43495	1737
STS221 -3/4 BK	81888	1737
STS221 -3/8 BK	30281	1737
STS221-1/16 BLK	31530	1737
SW-38	434126	536
SWF-02	462119	1760
SWF-03	31394	1761
SWL-02	444195	1760
SWL-03	18180	1760
SWT-02	467153	1760
SWT-03	53991	1760
TCA8003AB	26136	1336
TELCO KIT 1	427271	1528
THHN-2/0 GN	442349	574
TL-SA2550	78813	521
TL-SA6080	27206	521
TL-SAF2550	27837	521
TL-SAF6080	66230	521
TM BM	91156	1512
TM TM	39549	1512
TP-100	11918	481
TP-G238-B	465056	482
TP-G412-150	469005	482
TP-G412-72	437007	482
TP-G412-96	495197	482
TP-G412-B	459162	482
TQ-1116-F18	482372	1560
TQ-114-F18	417336	1560
TQ-114-F18.5	462395	1560
TQ-114-F22	447389	1560
TQ-178-F30	473356	1560
TQ-214-F35	448330	1560
TR-SK12	26108	535
TR-SK12-5	439175	535
TR-SK24	64501	535
TR-SK24-5	445156	535
TR-SK36-5	447186	535
TW-50	416178	1746
TWALL5135	437306	813
TWALL5135	479317	813
UM BM	15619	1511
UM MM	40798	1512
UM NM	54012	1512
UM TM	92405	1512
UM UM	67226	1512
VB30	79647	489
VB35	26266	489
VB40	64659	489
VB50	51445	489
VB60	25017	489
VB65	11803	489
VB70	88589	489
VB75	75375	489
VB80	62161	489
VC-WB-2	16181	498
VC-WB-24X22	59138	498
VC-WB-24X45	28061	498
VC-WB-8X2	26262	498
VF4-45F11	25814	1714
VF4-45F11	39028	1714
VSSA	87739	1706
VT-8-B	41579	1746
WALLUNIT W/PNLS	85109	1156
WB-CY210	48977	498
WB-KG112-11S	494362	498
WB-KG112-13B	495314	498
WB-KG212-11S	488336	498
WB-KG212-13B	485094	498
WB-KL210-10B2	453316	498
WB-KL210-10B2E	431309	498
WB-KL210-10B4	488314	498
WB-KS110-11S	466329	498
WB-KS110-13B	444213	498
WB-KS210-13B	419367	498
WB-KY112-11S	449316	498
WB-KY112-13B	423301	498
WB-KY212-11S	454309	498
WB-KY212-13B	467309	498
WB-LB12-3	467000	502
WB-LB24-3	424047	502
WB-TK12D	88796	501
WB-TK24D	88807	501
WB-ULB12-5	483155	502
WB-ULB12-9	460179	502
WB-ULB24-5	79513	502
WCS-A900T	448122	1744
WK-2	97641	1743
WK-U	18264	1743
WK-UL	466157	1743
WL-BG	58002	529
WL-BS	96395	529
WLSHOLIDAY HEADER	85667	1153
WM-100	422115	478
WP-197	479250	468
WP-216	478271	468
WS-K400	476149	500
WT-CPK414.01	84159	484
WT-CPK414.02	19338	485
WT-CPK614.01	32552	484
WT-CSP1	481188	485
WT-EB36	26711	485
WT-EB42	94572	485
WT-EB60	29751	485
WT-HRM2-B	477135	485
WT-LB24	415117	529
WT-LB30	466047	529
WT-LB36	481187	529
WT-LB42	436183	529
WT-LB48	457187	529
WT-RTA12-9-96	420112	485
WT-SR42	92377	484
WT-SR48	27556	484
WT-TMA-96	451233	485
WVC-WTBM	47592	485
XP-2020	61664	491
XP-2040	63379	491
Y2F	43963	1736
Y2F	95570	1736
YELMINFTTAPR	50428	1723
ZB-H12	67877	521
ZB-H4	485000	521
ZB-H8	29484	521
ZB-V12	37821	501

Wirthco Engineering, Inc.

Mfg. Part Number	SKU	Page
30105-7	42036	1723

Wiss

Mfg. Part Number	SKU	Page
M300	54307	1570
RWK-14V	60140	1564
RWK-16V	84146	1564
WK-8V	16970	1564

X

X-Mark/CDT

Mfg. Part Number	SKU	Page
9010-1924	486114	540
9010-1930	481144	540
9011-1912	483115	540
9011-1918	419182	540
9013-1924	455103	540
9015-1909	439136	539
9312-1600	495105	543
9413-0601	491171	541
9712-0102	414131	542
XSL72-2-122222	464380	539
XSL84-2-122221	440129	539
XSL84-3-122221	411139	539
XST84-2-122221	443148	539
XST84-3-122221	452129	539
XUS84-2-121221	479139	539
XWM-2420-GD-3	446157	543
XWM-2424-GD-3	437177	543
XWM-3620-GD-3	496147	543
XWM-4824-GD-3	419154	543

Xantrex Technology

Mfg. Part Number	SKU	Page
NOTEPOWER 75	59908	1217
NOTEPOWER PW50	47395	1217
PORTAWATTZ 150	457096	1217
PORTAWATTZ 300	73876	1217
PORTAWATTZ 3000	441120	1217
PORTAWATTZ 600	495121	1217
PORTAWATTZ1000	60662	1217
PORTAWATTZ1758	99055	1217
POWERPAC	97805	1219
PROSINE 1000/12	65904	1219
PROSINE 1800/12	52690	1219
PROSINE 2.0	457042	1219
PROSINE 2.5	54963	1219
PROSINE 3.0	27511	1219
PROWATT 1000/GFCI	489089	1218
PROWATT 150	448080	1217
PROWATT 1500 24V	68191	1218
PROWATT 250/24V	19423	1217
PROWATT 300	435078	1217
PROWATT 3000	429048	1218
PROWATT 600	427038	1218
PROWATT 800/24V	71030	1218
PROWATT1750/GFCI	463087	1218
RS-100	46773	1218
TRUECHARGE 10	64370	610
TRUECHARGE 20+	12763	610
TRUECHARGE 40+	51156	610
XPOWER 1500	493122	1219
XPOWER 300	471036	1219
XPOWER 600	412184	1219

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Mfg. Part Number	SKU	Page
101SV	47090	1553
103S	39922	1553
104CG	79039	1554
10MM	65101	1595
157	92263	1595
170M	93329	1576
2CS5962B	25459	1555
2CSKB	28332	1555
3CBR	12444	1555
3CS5859BR	92253	1555
3CSKWH	479356	1555
413MM	21187	1595
44CG	16716	1581

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Manufacturer / Mfg. Part Number Index

Mfg. Part Number	SKU	Page
46CG	55109	1581
48CG	93502	1581
50CG	75817	1580
51CG	87257	1568
53CG	36374	1580
54CG	62603	1577
55CG	34401	1577
57CG	58331	1568
59CG	41963	1568
600	36175	1589
64CG	22961	1577
66CG	65300	1577
7MM	86533	1595
86CG	39397	1570
8MM	28134	1595
9910MM	21684	1598
9910V	83184	1598
9910XTD	34926	1599
9910XTDTP	91071	1599
9911MM	60077	1598
9911V	89319	1598
99125V	66494	1598
9912V	31577	1598
9914V	69970	1598
9915XTD	73319	1599
9915XTDTP	39464	1599
9916V	18363	1598
991RV	92977	1598
991V	54584	1598
9920XTD	21712	1599
99250	98498	1598
9925XTD	46891	1599
993	50583	1598
9930XTD	33677	1599
99312V	14887	1598
9938V	41370	1599
994RV	98697	1598
996V	44791	1598
996XTD	45642	1599
997MM	86505	1598
997V	84035	1598
99811V	19214	1598
99820V	57607	1598
99821V	96000	1598
99822V	44393	1598
998V	70821	1598
999MM	73291	1598
999V	56358	1598
99MPK	94160	1537
99PA	20967	1599
99PR	67074	1586
99PS40V	81537	1586
99PS41MM	29930	1586
99PS50	96359	1595
99PS50V	64051	1586
99PS51MM	97973	1595
99PS60V	46366	1586
99SM	28681	1531
99SMK	43144	1537
99SMW	60304	1531
99X10	54734	1599
99X5V	19938	1599
C1K	97259	1573
CN255	494368	1574
CN54G	89822	1574
DCC100V	410370	1578
DCC101V	412322	1578
DCC102V	482326	1542
DCK6	430325	1531
DCK8	455317	1531
DCK9	447371	1531
DCS200V	495317	1553
DCS202V	474349	1555
DCS203V	473314	1553
DCS204V	475319	1553
DCS205V	454323	1553
DCT309V	480331	1621
DCT311V	437331	1551
DN54G	90831	1574
EC54J	13036	1575
FSD1V	12969	1618
GA54J	64643	1574
H26	77265	1579
HS10V	38148	1595
HS11V	20219	1595
HS12V	76541	1595
HS14V	24934	1595
HS16V	63327	1595
HS18V	11720	1595
HS6	29851	1595
HS618	62078	1595
HS7	33433	1595
HS8	71826	1595
HS9V	50113	1595
K22	91004	1564
L10V	488371	1596
L12V	426303	1596
L4	71029	1573
L8V	453327	1596
LN22V	26123	1585
LN23V	12245	1585
LN54	43352	1574
LN54G	81745	1574
M60V	47615	1589
MS543J	67658	1577
MS545J	92262	1577
MS549J	29541	1577
NN7776	31387	1574
P12SV	31903	1594
PS120V	36899	1594
PS121MM	90280	1594
PS89V	88506	1586
PS90MM	40646	1586
R144V	57082	1591
R146V	43868	1591
R148V	82261	1591
R181V	30654	1591
R184V	69047	1591
R188V	17440	1591
R210C	68531	1580
R3163V	55833	1591
R3166V	94226	1591
R3322V	42619	1591
R3323V	81012	1591
R5166	66307	1591
R5325V	16191	1591
S141	27891	1591
S5161	14942	1591
S5166	53335	1591
SDR11	13693	1589
SRX33	29997	1590
SX102	37623	1594
TC100MT	15467	1534
TCMB100ST	12334	1529
X101V	85483	1594
X102V	27914	1594
X103V	33876	1594
XHT678	76016	1596
XL75V	83510	1618
XN100	79358	1564
XN200	27751	1564
XNB103	96929	1564
XNB205	30605	1564
XP1	60633	1514
XP400	87695	1609
XP600	28115	1609
XP700	10909	1609
XPPH0	30838	1593
XPPH00	69231	1593
XPTX600	66508	1609
XST100V	79763	1594
XST1010	62775	1594
XST101V	28156	1594
XST1020	91529	1594
XST102V	66549	1594
XST3	16783	1590
XST5	55176	1590
XTD10TP	15477	1593
XTD10V	23160	1593
XTD10XL	11222	1593
XTD15TP	53870	1593
XTD15V	99946	1593
XTD15XL	49615	1593
XTD20V	48339	1593
XTD25	86732	1593
XTD27	61553	1593
XTD30V	35125	1593
XTD6V	73518	1593
XTD8TP	43154	1593
XTD8V	21911	1593

Y

Yuasa/Exide

Mfg. Part Number	SKU	Page
NP10-6	19550	647
NP12-12	465301	648
NP18-12BFR	53087	648
NP2.6-6	422307	647
NP24-12BFR	45978	648
NP38-12FR	84371	648
NP4-12	69489	647
NP4-6	81665	647
NP7-12FR	17882	648
NP7-6	430308	647
NPX-150BFR	417313	648
RBK1250	36554	648
RBK520	49768	648

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9 634
2 634
3 1153
3 634
5 589
9 1676
0 1206
1 1150
2 1725
2 1676
2 1447
7 1675
4 68
6 1350
7 374
2 42
8 1299
3 569
7 486
4 1379
8 667
9 1764
0 1640
2 433
4 1507
9 431
7 1203
9 1726
0 517
3 425
6 1761
7 1592
0 1761
1 422
4 1593
7 1383
2 1670
3 132
9 634
3 1378
3 446
1 247
3 106
9 418
4 442
5 516
2 1374
2 1187
7 1318
3 1555
4 1717
3 1724
3 555
3 1547
5 417
2 1220
2 1751
2 60
4 379
7 487
9 268
4 1688
3 459
4 1167
5 511
0 1668
5 414
9 1208
..... 1211
5 1377
7 1748
3 495
9 1312
3 1759
2 285
5 439
..... 30
3 13
0 1284
0 1762
2 1265

10699 1750
10704 1192
10707 628
10714 558
10715 1581
10725 597
10726 617
10728 470
10729 1586
10734 323
10737 1291
10749 1722
10755 1675
10757 1194
10760 1375
10763 51
10772 1243
10774 569
10776 1385
10777 181
10786 420
10789 428
10791 1195
10797 1681
10805 1362
10806 445
10807 1708
10809 298
10813 1544
10818 1322
10822 5
10846 480
10849 401
10853 69
10856 313
10864 507
10865 507
10866 1333
10867 507
10893 452
10904 1383
10907 72
10909 1609
10923 482
10924 1432
10927 521
10928 1553
10938 1333
10953 1750
10954 130
10956 247
10961 1220
10962 247
10966 248
10974 532
10978 1183
10987 434
10991 1554
10998 69
11005 1743
11008 1717
11014 701
11017 1319
11021 1761
11025 1760
11027 649
11031 478
11034 24
11036 1614
11046 1329
11051 1764
11052 139
11075 1532
11077 1532
11093 1282
11097 332
11100 1347
11101 1426
11102 594
11103 379
11106 546
11116 430
11119 574
11120 1382
11123 330
11131 1255

11134 522
11144 1269
11149 457
11151 127
11152 1747
11163 1265
11177 331
11182 289
11186 605
11190 1323
11195 1525
11197 460
11199 1266
11207 509
11220 1755
11222 1593
11242 442
11248 496
11271 1725
11281 534
11286 1679
11293 15
11296 208
11299 567
11302 1409
11305 1532
11315 109
11318 77
11321 1201
11330 1316
11351 1715
11372 537
11377 1213
11379 1434
11384 1384
11385 3
11391 1557
11392 425
11398 1320
11406 1765
11413 685
11431 1743
11442 117
11453 1507
11461 283
11466 1205
11468 1359
11478 1726
11479 518
11486 1592
11492 685
11509 1220
11512 1514
11521 1668
11523 69
11533 331
11558 175
11567 1760
11568 1509
11571 89
11572 1364
11584 1245
11585 607
11594 1368
11604 422
11610 315
11624 1727
11631 1354
11651 1187
11655 1180
11677 1717
11678 536
11695 1721
11700 1422
11702 1186
11720 1595
11732 1721
11745 1366
11762 473
11773 557
11782 459
11787 391
11795 1377
11802 538
11803 489
11824 437

11840 644
11847 1744
11885 53
11890 1205
11901 330
11904 438
11909 885
11918 481
11929 493
11946 388
11948 1615
11949 73
11971 499
11972 516
11973 561
11975 617
11976 1556
11977 1193
11985 518
11997 403
11998 22
12003 1179
12016 463
12021 1247
12024 511
12026 175
12035 1723
12039 1378
12041 1187
12042 1376
12054 70
12058 287
12064 1165
12066 496
12069 452
12071 2
12079 1352
12088 29
12110 466
12117 459
12118 466
12147 466
12153 1381
12155 458
12167 246
12173 466
12177 1750
12190 578
12197 1522
12198 466
12223 533
12229 413
12238 1751
12245 1585
12247 565
12268 524
12270 1761
12271 445
12283 22
12300 1764
12301 114
12308 1382
12312 1584
12324 1261
12334 1529
12336 554
12345 1380
12346 1606
12357 477
12359 517
12361 449
12365 448
12369 528
12370 1382
12371 1350
12372 283
12373 435
12389 578
12393 1259
12395 1177
12397 436
12421 1321
12426 330
12431 289
12433 505
12435 605

12439 1152
12444 1555
12452 527
12453 1387
12456 1179
12459 1195
12465 151
12468 545
12473 1223
12481 626
12491 1430
12498 501
12503 583
12511 1610
12516 519
12520 1725
12523 13
12531 ..... 998, 1003, 1013, 1020, 1024, 1028, 1038, 1053, 1061, 1072, 1077, 1088
12534 493
12546 1655
12548 567
12552 1149
12560 1380
12569 1746
12571 1687
12592 1280
12600 42
12601 577
12620 1506
12626 1213
12628 1434
12634 ..... 998, 1002, 1007, 1017, 1024, 1026, 1031, 1046, 1060, 1068, 1071, 1076, 1083, 1087, 1091, 1093, 1097, 1101
12644 1192
12651 654
12654 537
12685 95
12691 1478
12695 503
12696 646
12700 453
12717 135
12727 1724
12729 1032
12740 1254
12741 1545
12745 1358
12760 159
12763 610
12773 1379
12788 493
12797 1301
12820 1752
12824 264
12829 336
12835 1533
12838 1555
12842 1345
12846 1665
12848 1480
12849 519
12853 420
12855 499
12865 442
12880 1338
12890 1729
12892 597
12916 505
12925 1179
12926 1716
12927 1753
12943 1716
12949 1422
12951 1186

12952 626
12959 1681
12960 439
12969 1618
12982 1684
12994 1758
12997 379
13004 1625
13011 119
13016 402
13021 1696
13036 1575
13040 1639
13051 1566
13054 503
13055 1560
13062 153
13065 1640
13070 39
13080 884
13089 1563
13090 1409
13091 1376
13100 1409
13107 471
13117 1346
13123 439
13134 29
13137 1376
13142 1456
13151 1173
13153 436
13165 517
13172 1360
13174 530
13177 1203
13181 522
13187 579
13188 1538
13192 511
13203 1350
13205 1725
13210 51
13220 1715
13221 516
13222 560
13244 1175
13247 1393
13249 398
13251 103
13252 1186
13256 107
13266 562
13270 1247
13275 95
13299 5
13316 1317
13318 450
13319 423
13321 1152
13325 1172
13341 1616
13349 280
13352 1495
13402 1383
13456 1491
13462 208
13464 1364
13466 533
13472 530
13474 169
13477 634
13489 1612
13503 1431
13507 1365
13515 207
13518 1621
13519 1385
13524 1342
13536 57
13539 1564
13543 569
13544 335
13547 210
13549 1763
13553 207

13568 1655
13569 1154
13578 20
13592 209
13616 208
13619 1745
13621 70
13623 209
13624 1393
13625 1479
13626 632
13632 207
13633 80
13667 54
13668 600
13675 330
13678 1186
13682 466
13684 600
13686 1725
13687 466
13693 1589
13697 1257
13699 1699
13700 487
13701 1745
13708 1195
13714 1356
13718 1754
13730 626
13744 467
13747 522
13752 584
13758 394
13765 596
13769 1727
13783 192
13790 454
13802 453
13803 554
13819 1169
13827 1720
13828 1317
13832 436
13837 438
13841 1360
13847 1352
13848 1637
13849 1714
13869 505
13875 1500
13896 1318
13898 1393
13903 537
13905 602
13929 629
13934 141
13952 1259
13955 1278
13966 169
13971 1685
13976 23
13989 660
13993 422
13994 1355
13997 698
13999 698
14000 524
14007 1220
14010 1519
14019 1677
14023 1520
14040 46
14043 1734
14057 294
14060 1716
14061 11
14065 471
14073 334
14081 602
14084 1531
14098 512
14099 1428
14102 411
14104 500
14111 453

14120 1735
14122 1627
14133 1746
14139 1726
14143 505
14145 255
14146 494
14148 235
14150 1608
14171 660
14174 1192
14176 1752
14180 475
14187 1262
14200 1183
14201 633
14216 1355
14220 556
14221 1342
14229 602
14230 1286
14238 1562
14243 1758
14256 277
14260 119
14264 645
14274 664
14289 1634
14300 1556
14302 1722
14316 214
14325 317
14326 1756
14327 529
14328 546
14334 1259
14335 1646
14343 214
14345 215
14347 454
14360 213
14370 1511
14375 494
14377 1488
14399 1324
14400 1173
14408 51
14414 516
14416 1376
14421 1241
14425 1714
14429 1236
14436 1358
14440 1185
14441 1558
14442 1753
14445 1183
14447 1215
14459 46
14461 1716
14471 458
14474 1430
14476 586
14484 213
14494 663
14506 1684
14514 423
14515 436
14519 1236
14524 91
14537 1666
14541 405
14548 213
14567 450
14571 236
14574 1378
14590 1615
14598 1295
14615 458
14620 113
14627 208
14645 669
14652 206
14654 1363
14671 1433
14678 1352

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TESSCO Part Number (SKU) Index

14682 ... 1560
14683 ... 669
14690 ... 545
14701 ... 517
14704 ... 456
14713 ... 1365
14721 ... 1723
14726 ... 626
14734 ... 432
14741 ... 1751
14788 ... 1568
14789 ... 1454
14797 ... 437
14798 ... 1763
14802 ... 1580
14825 ... 669
14830 ... 1687
14855 ... 569
14870 ... 335
14878 ... 1318
14883 ... 1760
14887 ... 1598
14889 ... 1730
14891 ... 1237
14895 ... 1732
14910 ... 1264
14924 ... 1326
14933 ... 600
14938 ... 571
14942 ... 1591
14944 ... 524
14950 ... 1745
14951 ... 1388
14967 ... 1755
14971 ... 1222
14983 ... 1200
14995 ... 519
14996 ... 522
15004 ... 1373
15018 ... 1726
15021 ... 599
15026 ... 1721
15029 ... 1687
15039 ... 414
15042 ... 1320
15051 ... 451
15052 ... 559
15060 ... 1353
15065 ... 502
15067 ... 1432
15068 ... 1031, 1046, 1060
15077 ... 1322
15078 ... 1699
15079 ... 1663
15081 ... 669
15086 ... 1464
15088 ... 669
15090 ... 1319
15092 ... 669
15093 ... 374
15096 ... 1697
15097 ... 1633
15098 ... 41
15112 ... 315
15118 ... 886
15121 ... 624
15124 ... 149
15131 ... 1374
15132 ... 82
15139 ... 669
15153 ... 1736
15172 ... 1166
15176 ... 1314
15178 ... 628
15182 ... 1476
15198 ... 669
15219 ... 1173
15225 ... 27
15228 ... 967, 1143
15236 ... 395
15239 ... 433
15243 ... 1303
15249 ... 449
15253 ... 560
15265 ... 1319
15270 ... 1458
15271 ... 1175
15284 ... 282
15289 ... 44
15293 ... 474
15298 ... 654
15300 ... 1604
15303 ... 1733
15305 ... 1724
15306 ... 292
15312 ... 1478
15314 ... 492
15320 ... 663
15322 ... 332
15332 ... 1619
15335 ... 1184
15347 ... 512
15348 ... 1428
15349 ... 1377
15353 ... 500
15365 ... 1355
15369 ... 1355
15378 ... 669
15389 ... 1538
15390 ... 494
15392 ... 504
15399 ... 1677
15406 ... 398
15424 ... 72
15425 ... 537
15433 ... 471
15434 ... 498
15445 ... 1620
15448 ... 1415
15450 ... 633
15456 ... 1447
15467 ... 1534
15477 ... 1593
15488 ... 1322
15490 ... 1498
15497 ... 1538
15521 ... 576
15523 ... 664
15531 ... 1206
15538 ... 478
15539 ... 25
15543 ... 1517
15552 ... 503
15553 ... 527
15554 ... 1687
15562 ... 1735
15570 ... 1543
15577 ... 546
15584 ... 1281
15589 ... 459
15605 ... 376
15606 ... 1601
15614 ... 455
15615 ... 1337
15619 ... 1511
15632 ... 547
15634 ... 1356
15635 ... 1176
15651 ... 1726
15657 ... 25
15660 ... 1484
15667 ... 1202
15678 ... 1665
15681 ... 1514
15687 ... 1326
15689 ... 1179
15691 ... 1753
15694 ... 556
15697 ... 1166
15710 ... 1747
15713 ... 440
15716 ... 1505
15720 ... 513
15725 ... 587
15726 ... 632
15727 ... 453
15732 ... 505
15754 ... 1559
15756 ... 493
15763 ... 1314
15764 ... 335
15766 ... 1737
15767 ... 1733
15770 ... 182
15771 ... 312
15773 ... 98
15776 ... 1386
15788 ... 1176
15793 ... 1681
15801 ... 1322
15805 ... 412
15839 ... 441
15840 ... 26
15842 ... 1201
15847 ... 1295
15859 ... 1614
15865 ... 1652
15875 ... 538
15909 ... 1359
15914 ... 397
15919 ... 561
15920 ... 29
15922 ... 1209
15932 ... 322
15939 ... 545
15943 ... 1413
15949 ... 271
15974 ... 1177
15975 ... 483
15982 ... 1637
15987 ... 1664
15992 ... 1567
16001 ... 609
16004 ... 1590
16018 ... 518
16022 ... 287
16024 ... 1392
16046 ... 1395
16047 ... 1762
16056 ... 476
16059 ... 1582
16068 ... 1721
16119 ... 335
16121 ... 1743
16122 ... 67
16136 ... 464
16140 ... 1243
16142 ... 1354
16143 ... 1548
16146 ... 1731
16147 ... 126
16149 ... 1518
16150 ... 1531
16181 ... 498
16182 ... 598
16191 ... 1591
16193 ... 524
16195 ... 1317
16203 ... 1176
16214 ... 1744
16216 ... 1754
16217 ... 1367
16228 ... 625
16232 ... 1198
16264 ... 377
16267 ... 1729
16273 ... 1567
16290 ... 1592
16301 ... 557
16320 ... 1354
16326 ... 1320
16330 ... 597
16331 ... 1496
16335 ... 1383
16336 ... 706
16339 ... 1381
16341 ... 149
16342 ... 373
16346 ... 400
16354 ... 1380
16356 ... 1381
16371 ... 597
16372 ... 319
16394 ... 1318
16403 ... 523
16440 ... 1353
16450 ... 1243
16474 ... 31
16481 ... 1392
16492 ... 1305
16496 ... 1377
16510 ... 548
16513 ... 1376
16514 ... 700
16526 ... 436
16528 ... 1757
16529 ... 271
16532 ... 684
16538 ... 22
16542 ... 66
16551 ... 1734
16555 ... 63
16559 ... 7
16561 ... 1478
16563 ... 703
16571 ... 337
16584 ... 1326
16589 ... 1306
16596 ... 511
16598 ... 1375
16609 ... 1755
16612 ... 1676
16614 ... 1355
16618 ... 1734
16631 ... 449
16634 ... 637
16641 ... 1379
16647 ... 998, 1002, 1008, 1017, 1026, 1031, 1046, 1060, 1072, 1077, 1083, 1088, 1093, 1098, 1101
16652 ... 1322
16653 ... 432
16658 ... 1067, 1348
16669 ... 1729
16688 ... 1599
16701 ... 439
16709 ... 257
16716 ... 1581
16737 ... 1263
16741 ... 1758
16758 ... 63
16765 ... 1376
16768 ... 477
16772 ... 663
16778 ... 529
16783 ... 1590
16786 ... 1484
16788 ... 1216
16796 ... 1426
16803 ... 1687
16805 ... 1378
16811 ... 1735
16821 ... 1517
16825 ... 529
16826 ... 547
16831 ... 652
16833 ... 1645
16874 ... 1166
16886 ... 335
16902 ... 299
16919 ... 1354
16924 ... 1581
16927 ... 1664
16940 ... 1754
16956 ... 1175
16961 ... 1328
16962 ... 440
16967 ... 541
16969 ... 557
16970 ... 1564
16971 ... 445
16974 ... 587
16986 ... 1271
16991 ... 1175
16998 ... 1182
16999 ... 1177
17002 ... 1680
17012 ... 527
17025 ... 1385
17026 ... 603
17041 ... 1327
17055 ... 1318
17067 ... 1737
17073 ... 458
17086 ... 1745
17088 ... 549
17101 ... 330
17108 ... 1165
17114 ... 1676
17116 ... 1330
17126 ... 1745
17140 ... 608
17157 ... 1387
17168 ... 561
17172 ... 426
17174 ... 1327
17211 ... 1365
17213 ... 1611
17214 ... 650
17216 ... 446
17223 ... 1177
17224 ... 634
17232 ... 429
17234 ... 1375
17241 ... 1567
17257 ... 1281
17262 ... 491
17268 ... 1327
17282 ... 1043, 1058, 1066, 1139
17295 ... 476
17301 ... 1378
17305 ... 1376
17315 ... 475
17330 ... 635
17336 ... 1517
17337 ... 1349
17350 ... 624
17354 ... 1169
17368 ... 263
17372 ... 1419
17391 ... 1183
17396 ... 124
17397 ... 1723
17399 ... 1165
17426 ... 1635
17440 ... 1591
17441 ... 1377
17444 ... 1236
17447 ... 1647
17452 ... 1177
17459 ... 399
17460 ... 1716
17461 ... 1358
17465 ... 1754
17466 ... 1559
17469 ... 1222
17474 ... 1358
17499 ... 577
17503 ... 1289
17504 ... 432
17519 ... 599
17520 ... 1424
17524 ... 1337
17529 ... 585
17541 ... 119
17544 ... 1682
17545 ... 886
17547 ... 1032
17548 ... 478
17550 ... 550
17562 ... 497
17567 ... 1679
17588 ... 1322
17595 ... 1633
17596 ... 604
17600 ... 1543
17621 ... 309
17626 ... 1003, 1038, 1053
17630 ... 148
17632 ... 1327
17634 ... 1249
17639 ... 1062
17643 ... 1319
17651 ... 1186
17654 ... 1003, 1039, 1054, 1062, 1149
17658 ... 1001, 1030, 1045, 1059
17671 ... 1001, 1030, 1045, 1059
17686 ... 660
17699 ... 1336
17702 ... 646
17722 ... 1581
17725 ... 369
17726 ... 1209
17730 ... 1414
17737 ... 428
17741 ... 1336
17761 ... 1209
17766 ... 1682
17772 ... 1747
17775 ... 431
17785 ... 165
17787 ... 24
17791 ... 40
17795 ... 1381
17818 ... 663
17828 ... 1186
17841 ... 1043, 1058, 1067, 1392
17844 ... 430
17845 ... 1737
17855 ... 1552
17866 ... 476
17882 ... 648
17888 ... 158
17895 ... 548
17897 ... 1597
17904 ... 1563
17906 ... 643
17911 ... 1205
17918 ... 1724
17922 ... 414
17937 ... 1599
17943 ... 542
17947 ... 1186
17948 ... 625
17956 ... 437
17967 ... 70
17977 ... 314
17980 ... 1167
17986 ... 1322
17990 ... 1758
17992 ... 475
17994 ... 1729
18010 ... 171
18016 ... 1182
18019 ... 457
18021 ... 662
18024 ... 600
18034 ... 1572
18036 ... 481
18045 ... 1431
18049 ... 1717
18052 ... 1687
18066 ... 1388
18069 ... 568
18072 ... 1744
18075 ... 556
18089 ... 1729
18092 ... 334
18108 ... 1374
18110 ... 1558
18115 ... 449
18117 ... 440
18121 ... 1747
18122 ... 1743
18123 ... 1166
18139 ... 1567
18144 ... 1416
18155 ... 24
18161 ... 516
18166 ... 516
18168 ... 1305
18180 ... 1760
18185 ... 598
18189 ... 1754
18191 ... 1358
18209 ... 93
18210 ... 1327
18218 ... 553
18220 ... 1589
18235 ... 1271
18248 ... 1175
18251 ... 1680
18254 ... 493
18259 ... 520
18264 ... 1743
18265 ... 1570
18268 ... 569
18273 ... 1326
18274 ... 1666
18284 ... 89
18285 ... 617
18303 ... 407
18309 ... 1165
18311 ... 1293
18316 ... 1737
18324 ... 1211
18326 ... 1176
18337 ... 702
18346 ... 1213
18357 ... 1748
18363 ... 1598
18371 ... 651
18376 ... 1192
18413 ... 530
18416 ... 1727
18417 ... 561
18420 ... 524
18421 ... 426
18427 ... 442
18447 ... 1728
18451 ... 528
18453 ... 1375
18462 ... 1619
18465 ... 433
18467 ... 412
18472 ... 1176
18479 ... 392
18490 ... 1567
18501 ... 598
18502 ... 308
18505 ... 1200
18514 ... 459
18531 ... 1004, 1039, 1054, 1063, 1070, 1074
18532 ... 32
18539 ... 1236
18546 ... 1001, 1030, 1045, 1059
18547 ... 92
18566 ... 1648
18569 ... 1273
18585 ... 450
18599 ... 625
18604 ... 1711
18605 ... 1378
18614 ... 1378
18617 ... 315
18621 ... 1420
18623 ... 496
18624 ... 1185
18633 ... 524
18634 ... 1241
18642 ... 1215
18645 ... 545
18646 ... 1723
18657 ... 1246
18662 ... 1723
18675 ... 1639
18677 ... 630
18678 ... 50
18683 ... 614
18693 ... 1237
18704 ... 1194
18710 ... 490
18712 ... 1744
18714 ... 1755
18719 ... 604
18765 ... 1746
18774 ... 519
18784 ... 1735
18786 ... 410
18788 ... 1609
18790 ... 35
18799 ... 549
18816 ... 1679
18821 ... 1038, 1054
18823 ... 1373
18825 ... 1343
18837 ... 1358
18867 ... 596
18868 ... 573
18888 ... 79
18890 ... 1708
18892 ... 1329
18896 ... 395
18907 ... 144
18908 ... 1429
18909 ... 1490
18912 ... 1373
18917 ... 1756
18922 ... 1193
18934 ... 1155
18935 ... 1354
18937 ... 479
18943 ... 643
18951 ... 1339
18953 ... 1234
18954 ... 1381
18978 ... 1715
18981 ... 17
18987 ... 1682
19001 ... 1181
19009 ... 240
19014 ... 1146
19015 ... 1682
19017 ... 69
19024 ... 433
19027 ... 273
19040 ... 151
19045 ... 335
19047 ... 524
19057 ... 34
19067 ... 663
19069 ... 324
19078 ... 1238
19082 ... 1327
19086 ... 1637
19089 ... 386
19093 ... 649
19094 ... 519
19113 ... 1457
19122 ... 1373
19137 ... 1182
19143 ... 1180
19165 ... 1415
19167 ... 1729
19170 ... 313
19172 ... 1729
19189 ... 1764
19192 ... 536
19196 ... 1396
19197 ... 1640
19201 ... 268
19205 ... 437
19214 ... 1598
19223 ... 1478
19233 ... 495
19239 ... 1756
19242 ... 377
19256 ... 61
19257 ... 1741
19268 ... 457
19270 ... 1765
19280 ... 1680
19283 ... 1349
19307 ... 473
19311 ... 395
19315 ... 1451
19324 ... 547
19333 ... 1743
19334 ... 123
19338 ... 485
19341 ... 323
19355 ... 1379
19359 ... 1382
19362 ... 1281

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5 1535
6 442
0 1747
2 1193
7 467
9 32
2 1719
6 1171
2. 1004, 1040,
70, 1074
0 516
5 519
8 398
2 1203
3 1217
2 1358
4 1221
6 1508
8 1754
2 1736
3 1757
8 167
6 519
0 662
7 1176
0 1680
1 340
3 550
0 595
2 1324
8 600
0 1707
3 1354
5 1192
0 1681
7 599
0 647
2 1202
1 1361
3 396
3 1638
4 1318
5 444
5 217
5 701
7 479
0 540
3 504
4 275
5 1213
5 548
5 1743
5 1321
7 445
5 667
7 1432
5 546
5 1726
5 76
3 458
3 73
3 669
9 1487
1 1682
3 634
3 1559
3 1326
9 1757
7 303
9 1276
7 451
7 454
9 669
7 1430
3 1752
7 39
7 93
7 670
7 670
7 1428
7 503
7 670
9 1238
7 449
9 1376
7 1661

19859 1328
19861 1202
19870 1457
19875 110
19891 1718
19895 1754
19899 1203
19903 1246
19916 1657
19918 1422
19929 592
19938 1599
19939 168
19950 327
19959 121
19966 451
19975 623
19980 52
19997 579
19998 749

2

20003 398
20010 84
20014 1688
20034 1196
20039 120
20048 555
20065 1668
20083 1190
20084 1415
20086 1287
20089 1431
20093 1633
20099 1148
20100 574
20110 1600
20126 1342
20137 626
20145 402
20154 1237
20166 1752
20167 398
20172 1395
20173 391
20194 1762
20214 1689
20219 1595
20220 69
20222 1387
20227 223
20264 1682
20272 1302
20273 438
20287 1384
20292 245
20293 1380
20295 593
20305 33
20309 1640
20314 149
20317 1383
20335 1633
20341 1373
20342 1343
20343 513
20354 1333
20371 1384
20379 1646
20383 432
20386. 1044, 1059,
1067, 1348
20391 55
20416 1728
20418 569
20422 686
20438 1763
20440 670
20443 1462
20445 1182
20446 473
20450 670
20452 245
20454 443
20456 1173

20457 670
20458 1581
20459 81
20461 245
20474 1740
20475 318
20482 1434
20484 1380
20488 1760
20489 1389
20493 1732
20508 1504
20510 1354
20517 457
20533 1496
20543 1430
20545 670
20556 82
20573 547
20590 333
20592 670
20594 670
20607 269
20615 440
20620 1370
20623 1370
20626 670
20627 1369
20632 1369
20634 1369
20636 505
20637 512
20651 1369
20653 474
20655 1369
20658 1369
20662 670
20666 1354
20672 75
20674 1664
20679 1493
20681 1369
20685 1509
20687 1755
20691 1357
20698 1480
20704 110
20706 1184
20707 166
20708 1327
20720 1369
20734 1369
20736 670
20738 1731
20742 1428
20749 1680
20753 670
20763 1272
20767 1559
20772 1666
20774 476
20777 599
20780 1221
20783 617
20784 1347
20792 1759
20797 1320
20802 1600
20815 78
20832 647
20839 539
20843 274
20847 647
20855 616
20865 1321
20872 647
20890 1383
20904 667
20906 551
20909 147
20910 670
20921 1374
20942 670
20945 1728
20960 670
20963 68

20965 570
20967 1599
20969 670
20970 1682
20971 633
20974 1592
20981 431
20982 1377
20997 442
20999 1757
21000 315
21011 451
21017 670
21021 670
21030 8
21032 1375
21035 518
21042 94
21065 1529
21075 1684
21085 1321
21088 105
21092 489
21095 491
21099 662
21105 1649
21108 1323
21114 162
21119 1563
21123 332
21124 434
21126 501
21136 1376
21140 1719
21144 1536
21148 1703
21157 1377
21166 670
21174 670
21178 592
21187 1595
21193 1208
21199 321
21212 670
21220 1384
21227 670
21229 48
21240 670
21241 603
21244 1763
21250 1300
21260 1168
21263 1742
21271 1544
21274 671
21285 671
21288 1567
21293 1374
21297 551
21314 1378
21317 1331
21325 525
21326 1383
21327 1385
21335 1281
21343 635
21350 475
21376 1633
21377 36
21382 671
21384 671
21386 1345
21393 1194
21395 1762
21403 422
21404 422
21407 422
21422 417
21423 628
21430 1413
21431 476
21440 1765
21443 1763
21448 334
21451 486
21467 1559

21468 575
21469 70
21483 462
21488 1296
21492 1375
21495 1293
21517 1361
21526 336
21531 1156
21533 631
21538 35
21542 1380
21550 ..... 1031, 1046
21555 10
21565 369
21587 403
21589 1364
21596 544
21603 1169
21604 1616
21611 1386
21620 1382
21622 1390
21640 308
21656 617
21684 1598
21692 1422
21695 624
21708 77
21710 1573
21712 1599
21716 1257
21724 1719
21725 398
21730 702
21731 1582
21735 1760
21737 1759
21747 1192
21750 45
21765 1486
21771 1685
21779 1587
21784 1169
21785 1757
21799 1687
21801 1515
21803 375
21822 555
21836 1380
21856 265
21860 1259
21864 433
21869 1586
21872 23
21880 1741
21895 1765
21908 561
21911 1593
21915 1337
21917 1699
21930 1424
21949 1431
21955 584
21960 505
21970 1709
21976 401
21987 1726
22031 1380
22032 536
22050 437
22056 1186
22079 482
22088 538
22091 500
22095 1432
22104 616
22126 695
22129 1652
22139 1380
22142 696
22145 1163
22162 447
22166 203
22174 442
22178 1364

22193 481
22194 1728
22195 517
22197 695
22200 1143
22207 1367
22208 1322
22209 1593
22211 695
22212 1318
22214 569
22232 1559
22254 582
22258 1242
22260 450
22261 470
22265 1750
22286 1299
22291 439
22300 1271
22302 1377
22311 1377
22320 181
22324 1684
22326 549
22332 412
22334 1251
22340 1374
22342 1538
22347 1358
22350 583
22354 1650
22362 645
22368 1597
22373 443
22375 1672
22381 330
22385 693
22389 1717
22394 1706
22409 1692
22415 429
22419 1546
22424 1376
22427 598
22438 499
22446 446
22448 1751
22457 60
22462 442
22465 694
22466 290
22469 1154
22481 171
22491 694
22498 459
22499 1286
22506 591
22521 513
22523 521
22524 1733
22527 694
22546 550
22548 1217
22557 1731
22576 1375
22584 1304
22591 1378
22601 51
22602 1564
22609 1455
22625 1413
22633 591
22635 1284
22636 1204
22664 1752
22682 441
22690 597
22699 326
22700 486
22701 1373
22702 1351
22708 195
22714 37
22717 575
22719 1720

22722 1562
22733 1361
22737 1240
22739 569
22741 288
22743 558
22745 1335
22759 699
22770. 1031, 1046,
1060
22772 459
22773 1505
22787 43
22789. 1031, 1046,
1060
22814 401
22816 1299
22825 1321
22834 1388
22845 544
22858 452
22860 1386
22869 1332
22872 1273
22888 576
22891 505
22892 520
22906 487
22913 128
22914 1683
22918 1747
22919 1705
22920 678
22939 532
22940 1715
22944 634
22961 1577
22963 69
22973 1717
22982 1318
22995 133
22999 44
23002 451
23003 58
23012 1388
23020 1677
23041 1430
23045 1511
23052 1705
23057 574
23089 562
23088 331
23099 501
23109 1270
23113 433
23121 601
23142 331
23151 488
23160 1593
23161 1377
23162 527
23164 1262
23169 1620
23177 1169
23183 1177
23186 573
23188 1355
23190 1721
23207 438
23219 581
23230 706
23232 1173
23234 1413
23236 1730
23257 424
23267 1409
23275 604
23276 441
23290 1760
23321 1742
23342 1213
23344 1434
23349 1384
23353 616
23355 1322
23363 1322

23378 27
23382 496
23388 1379
23400 631
23414 1216
23418 1507
23419 23
23425 430
23428 1730
23434 1556
23443 1726
23444 517
23458 1593
23461 1261
23471 534
23477 1521
23490 1326
23495 1280
23497 1373
23507 133
23528 32
23549 1245
23566 1761
23567 1177
23571 502
23583 1359
23587 1735
23598 471
23603 1650
23610 495
23617 1596
23638 1552
23642 1720
23646 1360
23662 1547
23667 1340
23668 625
23669 417
23697 1175
23701 1190
23728 1688
23741 664
23747 459
23755 593
23758 1167
23760 1375
23769 1338
23784 1593
23794 1378
23800 ..... 752, 1145
23806 1751
23810 1433
23824 455
23833 1296
23840 1376
23841 1748
23842 495
23843 1312
23861 483
23874 1386
23883 1355
23888 1251
23890 530
23892 1464
23893 1762
23904 1753
23913 1750
23914 74
23929 488
23931 1206
23940 617
23943 1581
23946 534
23948 321
23951 1351
23954 646
23961 664
23966 542
23975 1300
23977 51
23984 1737
23986 1265
24004 1380
24006 437
24011 1681
24012 111

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TESSCO Part Number (SKU) Index

24013 1491
24020 434
24021 1568
24023 1692
24031 496
24036 19
24044 1692
24057 23
24084 1298
24087 1324
24094 544
24107 452
24127 536
24128 138
24132 1314
24141 535
24142 1736
24167 1750
24182 407
24192 1182
24201 434
24205 1553
24213 633
24222 1717
24231 439
24235 1761
24252 57
24256 59
24260 562
24265 1764
24268 630
24269 1672
24272 1639
24278 559
24294 17
24307 1297
24311 332
24314 1506
24317 377
24322 470
24325 394
24337 1430
24340 394
24345 1254
24348 522
24349 405
24352 470
24354 290
24358 1259
24362 436
24379 1293
24391 1357
24400 605
24402 1612
24406 62
24409 1530
24417 1762
24419 497
24422 1192
24424 1762
24426 1762
24434 1755
24451 1544
24453 1700
24455 1544
24460 398
24461 478
24468 580
24472 1319
24474 394
24476 1606
24481 1544
24485 1726
24487 1661
24506 418
24518 439
24519 1538
24529 102
24537 1183
24544 1362
24548 404
24554 1165
24557 1319
24564 1636
24565 1715
24571 457
24577 1519
24578 18
24591 1213
24593 1434
24612 1320
24616 395
24620 1183
24650 140
24667 1508
24675 292
24692 1725
24700 1592
24707 1381
24709 1360
24720 1381
24726 1518
24730 538
24770 646
24778 1322
24781 1756
24789 264
24792 647
24798 1235
24800 1533
24813 1657
24818 422
24820 500
24830 408
24833 429
24849 527
24881 1343
24887 1616
24890 431
24891 1716
24892 535
24893 1410
24894 1721
24904 1332
24909 1722
24911 538
24916 1186
24925 1221
24928 106
24934 1595
24937 1352
24945 1329
24957 1348
24976 473
24981 559
25001 388
25006 1672
25017 489
25019 510
25023 523
25035 35
25039 1376
25046 595
25052 1308
25059 1384
25061 1744
25068 460
25082 1296
25086 1511
25088 1373
25093 1177
25115 330
25116 1173
25118 439
25130 518
25133 431
25141 1462
25144 567
25157 1737
25178 125
25180 1699
25186 516
25187 560
25188 642
25211 415
25212 15
25214 518
25215 588
25217 1179
25221 426
25223 493
25229 632
25230 464
25235 1265
25257 698
25263 1349
25268 70
25277 1367
25281 1317
25285 21
25313 476
25331 459
25367 1384
25387 286
25396 693
25399 693
25404 491
25408 1174
25421 219
25437 531
25439 1348
25442 635
25450 428
25453 1463
25454 217
25459 1555
25462 1737
25468 1705
25476 574
25484 1710
25484 1366
25504 1618
25505 37
25508 569
25514 1764
25515 65
25526 1584
25538 459
25544 137
25556 1297
25571 484
25583 1742
25594 1318
25611 436
25620 603
25626 1264
25648 1582
25649 597
25653 1153
25666 527
25667 1387
25670 1179
25673 1195
25682 545
25686 453
25687 1223
25695 626
25705 1430
25712 522
25717 583
25725 1611
25730 610
25734 1730
25738 1424
25739 605
25760 1655
25774 1383
25792 1199
25804 1753
25809 408
25814 1714
25827 18
25839 333
25840 1213
25842 1434
25857 1321
25861 71
25865 653
25887 1558
25910 1354
25914 453
25916 1507
25918 1763
25921 141
25925 1203
25941 1724
25955 439
25956 1383
25959 1357
25965 525
25970 1521
25972 1220
26016 555
26019 1560
26024 1555
26030 488
26042 1184
26046 1217
26047 1235
26057 1176
26060 1652
26067 416
26079 1341
26104 1324
26106 1393
26108 535
26123 1585
26131 481
26136 1336
26139 1178
26140 1716
26157 1716
26160 1547
26166 623
26183 1565
26204 1249
26209 1342
26216 1154
26225 118
26248 548
26254 1639
26262 498
26265 1566
26266 489
26268 503
26276 148
26293 550
26305 1374
26306 490
26312 454
26321 407
26325 445
26331 1338
26334 450
26335 1512
26337 1373
26345 1456
26356 550
26365 1173
26367 436
26372 1747
26386 1426
26391 1202
26394 1236
26395 522
26399 583
26407 1753
26411 101
26419 627
26429 518
26436 560
26437 643
26458 1175
26461 1717
26466 1183
26484 1236
26505 1722
26509 1681
26517 1320
26530 1317
26534 58
26545 1476
26551 28
26555 1617
26563 490
26589 84
26608 409
26612. 1003, 1039, 1054, 1062, 1150
26619 1363
26621 477
26677 573
26685 572
26690 1181
26696 889, 1140
26711 485
26715 46
26718 1354
26720 1718
26721 1365
26725 563
26727 1710
26733 1385
26742 1756
26750 56
26751 444
26752 69
26757 569
26758 335
26762 443
26767 1604
26775 1584
26792 6
26809 1456
26810 574
26836 1178
26854 1730
26859 1478
26860 441
26869 562
26884 1322
26898 604
26911 1247
26912 1391
26913 1699
26914 110
26915 1745
26928 439
26932 1755
26936 1223
26966 580
26986 599
26991 1722
26999 565
27003 1196
27006 1589
27009 497
27020 1715
27046 397
27051 527
27062 1634
27067 1153
27071 660
27084 436
27086 624
27088 1328
27089 1509
27096 1377
27108 1432
27118 1737
27138 399
27147 1178
27158 502
27161 1216
27163 453
27166 1259
27167 1764
27168 1627
27169 1277
27179 1202
27185 1685
27203 1615
27206 521
27208 1355
27214 524
27218 565
27221 1220
27237 1320
27241 1324
27254 47
27261 219
27262 1379
27277 1478
27285 397
27287 330
27298 1532
27309 1651
27313 1428
27317 1340
27318 499
27319 576
27333 157
27334 1735
27355 462
27357 504
27361 1173
27364 1568
27368 562
27372 1521
27385 1731
27389 23
27396 530
27401 1250
27406 486
27414 1183
27419 274
27423 438
27446 1600
27453 1242
27457 1758
27474 144
27486 576
27496 1674
27503 1634
27508 1517
27511 1219
27512 1429
27516 223
27536 570
27539 600
27542 546
27549 1646
27552 1675
27556 484
27557 545
27569 645
27570 479
27571 1750
27572 441
27584 1512
27587 416
27589 494
27614 1173
27628 516
27643 1651
27656 1753
27661 1214
27662 1166
27665 1192
27673 46
27676 93
27684 520
27685 513
27700 519
27701 646
27708 663
27711 1428
27733 1236
27738 95
27741 1390
27751 1564
27754 77
27758 1681
27768 1530
27776 1165
27781 450
27787 1379
27788 1373
27808 1760
27812 1319
27831 1177
27834 146
27837 521
27839 1559
27873 448
27880 1201
27885 27
27889 1677
27891 1591
27902 1237
27904 545
27911 1374
27914 1594
27915 517
27920 1352
27937 1348
27940 635
27951 1185
27961 1323
27971 505
27985 589
27987 1342
27999 54
28000 693
28009 1007, 1045, 1059, 1067, 1349
28012 1763
28013 439
28015 1185
28024 1582
28029 1287
28043 1373
28061 498
28065 299
28069 478
28086 528
28103 1730
28104 1374
28105 1237
28112 127
28115 1609
28124 1264
28133 1376
28134 1595
28151 1540
28152 571
28156 1594
28158 524
28162 1700
28164 1745
28166 442
28171 1515
28179 1744
28181 1755
28183 449
28191 1314
28209 519
28210 522
28215 698
28232 1726
28240 1719
28241 520
28249 118
28265 451
28291 1321
28293 429
28304 1321
28327 761, 775, 895, 899, 914, 925, 932, 1023, 1043, 1066, 1080, 1097, 1112, 1392
28332 1555
28335 624
28342 333
28348 669
28350 1267
28360 1765
28363 652
28367 1736
28379 1558
28381 558
28386 1414
28404 109
28414 1505
28426 582
28431 1177
28439 31
28452 405
28456 411
28459 445
28475 548
28478 1378
28485 1180
28490 1152
28494 1690
28503 46
28507 72
28511 1382
28528 490
28535 109
28536 70
28544 60
28549 132
28553 163
28561 51
28562 142
28565 41
28579 135
28591 119
28600 48
28603 139
28609 143
28618 43
28621 159
28624 47
28634 49
28647 47
28664 62
28680 175
28681 153
28693 134
28694 145
28696 153
28702 44
28706 175
28714 160
28718 62
28719 32
28727 57
28746 41
28754 175
28755 60
28765 171
28767 16
28768 168
28776 173
28780 159
28782 79
28785 56
28791 54
28801 85
28803 45
28806 54
28813 139
28817 59
28819 47
28820 160
28821 43
28824 118
28828 45
28835 117
28843 45
28848 131
28849 117
28854 44
28858 170
28861 54
28863 30
28871 25
28876 29
28877 51
28892 166
28893 151
28897 151
28899 154
28905 175
28909 135
28927 44
28939 58
28940 63
28963 118
28969 174
28978 33
28985 30
28987 98
28990 138
29001 61
29002 118
29003 138
29007 168
29016 74
29019 41
29032 173
29043 147
29049 9
29053 43

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1 278
2 99
4 1326
2 446
7 1556
3 570
7 1363
1 242
2 386
3 561
4 304
3 438
3 545
4 518
6 1330
7 425
0 1330
1 1330
1 431
5 1345
8 1176
6 1635
7 429
1 1664
6 1567
2 1295
1 1385
2 519
7 1195
8 479
2 1611
0 487
1 1763
7 1383
8 1179
9 107
5 1349
0 4
3 1683
9 649
0 1308
5 624
5 1308
6 153
3 278
7 1420
9 1288
2 1664
0 462
0 1731
2 1344
3 1264
5 1763
9 1237
3 1192
6 162
6 1356
3 1744
0 1754
7 693
1 1612
9 521
3 1165
3 693
6 1505
1 1728
9 521
7 1567
5 493
3 80
1 414
5 557
1 1577
5 1494
1 468
9 1212
7 1554
7 597
9 1325
1 544
7 628
7 604
1 498
1 1243
1 1277
1 1306

29710 1377
29713 1294
29721 1635
29727 1373
29728 700
29737 1747
29743 293
29751 485
29752 22
29756 66
29760 1382
29776 1635
29777 487
29781 394
29783 663
29785 337
29794 1235
29800 1538
29803 1306
29811 1428
29812 1374
29816 693
29823 1755
29828 1357
29834 1415
29851 1595
29857 1309
29860 451
29867 428
29870 1597
29883 1725
29885 1262
29888 534
29895 1151
29896 25
29930 1586
29934 1241
29941 1601
29942 1346
29943 1454
29955 1758
29959 1730
29961 478
29971 455
29972 63
29982 477
29997 1590

3

30002 1728
30017 1687
30029 1590
30034 1326
30037 591
30040 546
30043 24
30050 489
30069 1609
30078 1344
30085 1187
30087 494
30095 487
30099 693
30103 1766
30108 1719
30116 751
30120 25
30123 451
30125 693
30126 517
30133 1317
30136 1375
30139 693
30143 409
30146 1174
30158 1551
30161 1184
30163 642
30176 428
30178 693
30181 496
30183 557
30186 519
30188 587
30191 630

30199 693
30205 1185
30226 527
30237 693
30239 1666
30240 603
30252 83
30258 456
30262 442
30264 1318
30277 1355
30280 409
30281 1737
30283 1255
30285 1378
30287 459
30291 397
30300 459
30303 331
30305 1382
30310 1340
30312 503
30324 137
30325 225
30347 1743
30354 1209
30363 251
30371 1387
30376 1745
30378 1745
30386 426
30388 1671
30407 162
30408 1209
30412 1728
30416 527
30426 368
30438 634
30445 431
30446 437
30455 1567
30457 440
30458 1480
30459 433
30461 481
30474 391
30476 1318
30497 56
30504 444
30509 97
30519 1374
30530 1330
30534 1294
30540 441
30541 1611
30544 635
30546 1764
30550 450
30552 1269
30556 1455
30560 1323
30564 624
30565 1677
30577 1202
30583 1410
30589 1180
30605 1564
30607 1751
30611 1723
30612 475
30622 1247
30636 1324
30641 647
30645 604
30654 1591
30661 1646
30663 589
30666 1177
30675 1359
30677 1744
30679 1755
30680 1559
30689 1627
30691 624
30699 171
30717 1289

30719 1708
30730 1726
30733 599
30734 1424
30747 135
30754 ..... 723, 729, 732, 737, 751, 758, 787, 791, 796, 801, 805, 814, 817, 821, 825, 836, 871, 878, 881, 886, 897, 900, 905, 911, 916, 923, 937, 940, 944, 947, 950, 954, 967, 999, 1004, 1021, 1025, 1039, 1054, 1062, 1079, 1085, 1089, 1095, 1109, 1113, 1126, 1133, 1150
30758 402
30761 1032
30764 554
30838 1593
30844 118
30852 1432
30857 1320
30859 1759
30860 1342
30868 482
30870 578
30885 481
30887 1374
30888 1434
30908 684
30918 600
30921 523
30928 1665
30929 1177
30934 1173
30935 701
30936 1581
30942 1301
30949 470
30951 429
30955 1240
30966 1720
30975 517
30976 392
30984 1557
30989 431
30992 297
30993 515
31005 55
31011 593
31016 1430
31022 33
31055 ..... 890, 1392
31059 1737
31070 474
31100 1736
31116 701
31124 ..... 1006, 1043, 1058
31132 1730
31134 530
31140 1321
31159 1480
31167 1558
31170 437
31187 887
31191 311
31198 495
31204 1761
31208 1726
31232 1373
31245 1680
31246 655
31248 1572
31254 404
31258 459
31265 1271

31292 1373
31293 694
31294 395
31295 655
31299 151
31303 1726
31318 1617
31320 1382
31321 1293
31324 1382
31327 1358
31333 1681
31335 1747
31346 1321
31347 1374
31356 1208
31369 ..... 1066, 1139
31375 516
31379 1199
31382 1358
31387 1574
31390 657
31394 1761
31395 27
31399 1221
31402 1368
31403 1754
31420 657
31423 175
31424 1327
31425 438
31427 657
31432 553
31437 583
31449 1271
31454 1747
31460 1375
31462 1175
31469 435
31473 430
31475 425
31477 1297
31485 595
31487 552
31488 1389
31493 600
31497 1509
31499 1373
31505 1683
31514 439
31517 407
31523 1377
31528 657
31530 1737
31535 113
31545 420
31546 555
31548 1377
31551 702
31552 479
31562 1432
31571 471
31577 1598
31585 654
31614 1317
31615 655
31630 386
31632 655
31634 657
31635 426
31641 437
31661 1726
31665 528
31666 1368
31670 657
31673 1354
31674 1387
31679 38
31681 412
31686 1682
31687 626
31694 484
31700 1192
31704 1567
31709 1647
31716 305

31740 1430
31746 39
31758 97
31769 1196
31771 391
31780 1648
31788 1360
31799 450
31818 1742
31819 1377
31828 496
31832 1411
31834 650
31862 1167
31867 532
31890 263
31894 600
31896 45
31903 1594
31915 1751
31924 113
31928 1755
31944 445
31963 1188
31968 399
31973 604
31979 1742
31985 1567
31996 135
32013 549
32017 456
32049 684
32051 1358
32054 161
32055 ..... 721, 724, 728, 730, 733, 738, 788, 792, 796, 801, 806, 815, 818, 822, 826, 837, 839, 842, 845, 873, 877, 879, 883, 888, 894, 898, 902, 907, 912, 918, 924, 928, 931, 934, 937, 942, 945, 947, 950, 955, 959, 963, 968, 1108, 1116, 1118, 1121, 1123, 1145
32059 421
32064 1148
32082 572
32083 565
32093 80
32110 394
32129 578
32131 1753
32134 334
32144 491
32149 684
32154 539
32185 70
32187 1351
32188 684
32195 3
32197 547
32218 156
32223 684
32229 1682
32231 1729
32232 1762
32238 443
32254 121
32257 254
32258 1380
32260 593
32261 1378
32271 10
32281 663
32283 322
32301 627
32305 1665
32313 1367
32314 584

32319 474
32327 1448
32336 1384
32356 330
32357 1180
32367 668
32380 885
32381 1726
32387 686
32403 1764
32406 536
32409 302
32410 1396
32411 625
32440 301
32453 1756
32475 440
32477 569
32495 1611
32508 1428
32510 651
32512 1324
32513 1731
32521 73
32531 1415
32552 484
32555 694
32572 1464
32573 1380
32575 1273
32576 1237
32580 440
32584 1747
32610 1171
32611 1177
32618 17
32620 453
32624 516
32629 519
32634 476
32648 1221
32650 1508
32652 1755
32654 1569
32656 1354
32664 1182
32680 519
32681 555
32682 1581
32686 585
32690 1254
32703 1747
32704 662
32706 257
32711 1176
32717 493
32728 1271
32731 1210
32736 1323
32742 599
32749 1342
32754 1681
32758 1368
32767 426
32775 1358
32787 1155
32794 377
32800 701
32804 540
32809 1212
32836 1355
32856 475
32876 531
32881 263
32892 1717
32900 535
32910 1567
32925 1612
32926 458
32935 1682
32936 634
32943 430
32948 1559
32957 1323
32964 1757
32965 301

32971 1602
32976 451
32985 22
32990 1752
32995 11
33005 1404
33007 407
33008 1170
33014 617
33015 1650
33026 1566
33033 1428
33050 1238
33054 444
33068 1375
33078 521
33089 559
33090 588
33096 254
33101 617
33105 1719
33109 1754
33114 1667
33117 1455
33121 1380
33122 523
33125 651
33130 1656
33143 593
33145 446
33146 1453
33164 324
33169 331
33172 1060
33173 63
33187 445
33190 296
33194 50
33204 1508
33211 588
33219 1583
33228 1689
33236 497
33252 117
33253 120
33258 1374
33268 1684
33276 457
33279 1668
33291 405
33296 1173
33310 1748
33329 408
33337 649
33351 331
33355 1248
33359 401
33370 1359
33374 1177
33380 1752
33382 1166
33387 387
33392 447
33410 1765
33427 1179
33433 1595
33434 550
33435 29
33436 1387
33448 425
33449 438
33451 1195
33457 1377
33475 ..... 1031, 1046
33478 1682
33499 1317
33507 1380
33509 479
33511 643
33514 521
33530 369
33532 320
33539 1379
33541 1321
33547 1333
33557 513

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TESSCO Part Number (SKU) Index

33561 614
33576 1386
33579 1323
33594 1658
33605 53
33612 395
33618 1343
33619 647
33622 1354
33626 1181
33630 1725
33649 1342
33652 1763
33655 531
33659 1182
33664 413
33668 442
33669 413
33677 1599
33681 445
33685 445
33689 309
33690 1392
33698 1317
33702 1760
33713 1545
33731 457
33749 1675
33755 629
33757 1430
33761 1726
33762 101
33770 82
33787 547
33822 1378
33825 1248
33829 442
33834 1587
33837 374
33844 1360
33845 566
33848 1341
33851 512
33857 182
33858 1432
33867 1704
33869 451
33873 561
33876 1594
33883 467
33891 1673
33893 1493
33897 1220
33901 1755
33906 554
33907 1675
33921 171
33935 586
33937 1656
33939 608
33950 454
33952 1730
33954 652
33956 1428
33965 607
33966 202
33973 424
33977 540
33986 1667
33991 599
34003 1679
34004 1627
34013 430
34015 443
34021 329
34032 1716
34037 1500
34047 644
34053 540
34054 446
34056 500
34057 269
34059 510
34060 1432
34094 1365
34104 1379
34107 1591
34115 587
34116 1582
34118 668
34120 455
34123 143
34125 1202
34128 660
34130 660
34139 1620
34143 1364
34157 437
34172 1364
34177 1320
34179 570
34195 430
34197 1559
34201 404
34206 579
34210 575
34211 428
34214 314
34219 1565
34223 1318
34225 451
34291 1388
34297 520
34305 1374
34310 1197
34313 662
34319 1649
34324 61
34328 171
34338 52
34340 501
34341 1186
34343 1742
34347 1174
34354 1717
34361 1174
34366 1462
34367 1174
34373 394
34375 1716
34380 1179
34384 1546
34385 1184
34388 1185
34401 1577
34413 330
34426 1385
34438 623
34450 52
34474 1168
34477 1691
34486 513
34501 1279
34506 1384
34507 1374
34513 1218
34517 636
34525 455
34531 1331
34539 525
34551 434
34556 1633
34557 635
34578 1477
34590 1633
34591 61
34598 1676
34600 1344
34604 1676
34605 1381
34609 1762
34612 1676
34613 1676
34624 1650
34625 1676
34629 1676
34637 628
34642 83
34647 399
34648 504
34650 1218
34653 164
34657 1763
34662 334
34665 486
34672 519
34676 1179
34682 575
34683 1704
34684 1184
34686 593
34692 325
34697 528
34701 1214
34706 86
34716 1341
34727 1683
34748 1360
34752 35
34756 1380
34764 1501
34767 235
34781 306
34803 1364
34810 544
34816 1601
34825 1386
34834 1381
34836 1378
34843 1504
34848 614
34854 306
34863 429
34879 1683
34894 647
34904 531
34907 1325
34909 624
34926 1599
34930 1247
34935 1702
34936 395
34938 1719
34940 1631
34941 15
34947 71
34951 1761
34953 426
34956 300
34962 519
34971 1641
34979 1432
34985 1677
34999 1757
35017 1183
35018 1040, 1055, 1063, 1142
35019 473
35058 468
35064 472
35065 368
35066 1187
35068 1187
35070 290
35074 1267
35083 1187
35093 470
35094 1742
35095 1181
35099 1614
35116 29
35121 134
35122 561
35125 1593
35134 1551
35139 1728
35141 1201
35154 1189
35156 1701
35160 426
35163 332
35183 461
35184 588
35190 400
35201 1731
35204 391
35212 1680
35218 1190
35229 1561
35240 599
35242 750
35245 1512
35255 1752
35256 1675
35261 517
35272 1748
35273 20
35281 1715
35302 538
35318 616
35324 1284
35328 1322
35330 440
35353 1382
35374 1201
35396 10
35403 591
35408 1727
35409 517
35413 1566
35423 1593
35428 569
35433 244
35437 650
35462 1378
35475 470
35485 596
35486 608
35497 1614
35508 1180
35516 23
35519 1172
35523 1289
35527 1650
35529 1342
35536 502
35548 1250
35557 1339
35561 1357
35568 1649
35575 495
35582 1631
35586 694
35601 411
35603 1717
35608 528
35623 1420
35627 1547
35638 1376
35641 598
35647 116
35662 1751
35668 1172
35671 66
35675 614
35677 386
35680 287
35700 1222
35712 459
35716 751, 887, 1040, 1063, 1141
35720 591
35722 1358
35730 614
35735 512
35738 1733
35743 694
35748 1208
35751 64
35760 557
35774 454
35782 508
35783 443
35790 1374
35798 1243
35800 437
35805 1378
35806 1748
35807 1206
35834 436
35840 32
35878 1752
35884 1169
35891 1414
35892 1414
35893 548
35895 1414
35900 1414
35901 498
35902 1414
35906 1414
35908 1587
35913 327
35914 486
35915 1373
35916 1351
35921 1413
35929 1413
35933 1729
35946 527
35951 1243
35953 569
35959 1335
35967 1414
35976 1683
35978 1458
35984 1356
35985 438
35988 266
35991 1414
35999 452
36001 21
36006 1414
36008 412
36010 600
36012 1476
36017 271
36028 401
36029 1414
36030 1299
36031 1415
36037 629
36038 1414
36039 1319
36044 423
36048 1388
36062 1181
36072 452
36074 1386
36086 1255
36101 645
36102 482
36103 1425
36105 504
36106 520
36114 1256
36120 549
36122 645
36128 1669
36137 646
36138 1521
36145 646
36153 530
36158 484
36170 1197
36172 1746
36175 1589
36177 69
36184 1698
36187 1717
36193 701
36196 396
36201 643
36204 1760
36226 1388
36230 1762
36234 1677
36238 1271
36244 631
36249 456
36262 505
36264 1612
36272 1297
36273 1687
36276 437
36285 549
36295 558
36298 1211
36302 330
36313 522
36323 1263
36327 431
36330 608
36339 630
36342 1261
36351 1353
36353 1663
36354 1415
36356 331
36359 1180
36374 1580
36378 1262
36383 1620
36385 1764
36386 69
36404 1721
36416 107
36420 1663
36421 436
36424 1663
36439 1663
36444 1433
36450 1726
36458 1249
36462 388
36467 3
36471 456
36478 165
36484 1532
36486 483
36495 1314
36498 555
36504 1760
36509 1356
36522 68
36529 1636
36535 1742
36543 4
36554 648
36555 267
36558 1434
36564 19
36570 1558
36571 425
36574 1175
36586 446
36592 1731
36615 100
36616 609
36618 514
36621 122
36624 477
36625 512
36627 479
36628 702
36629 1220
36632 1508
36652 436
36657 1726
36658 518
36664 471
36665 1592
36685 1384
36709 1337
36712 331
36721 130
36724 469
36728 603
36742 32
36746 1373
36750 1354
36767 415
36780 1426
36785 500
36801 1735
36810 1355
36811 662
36817 1329
36824 495
36846 1343
36850 374
36852 1734
36856 1720
36857 1756
36874 1721
36899 1594
36909 721, 724, 727, 729, 733, 738, 751, 788, 792, 796, 801, 806, 815, 818, 821, 825, 836, 839, 842, 845, 873, 876, 879, 882, 888, 893, 898, 901, 906, 912, 917, 924, 928, 931, 934, 937, 941, 945, 947, 950, 955, 959, 963, 967, 1041, 1056, 1064, 1107, 1115, 1118, 1120, 1122, 1145
36914 368
36917 1172
36918 1179
36925 148
36926 721, 724, 727, 729, 733, 738, 751, 788, 792, 796, 801, 806, 815, 818, 821, 826, 836, 839, 842, 845, 873, 876, 879, 882, 888, 894, 898, 901, 906, 912, 917, 924, 928, 934, 937, 941, 945, 947, 950, 955, 959, 963, 967, 1041, 1056, 1064, 1107, 1116, 1118, 1120, 1122, 1145
36928 1719
36941 473
36942 1688
36943 1392
36949 1222
36951 632
36952 1514
36954 721, 724, 727, 730, 733, 738, 751, 788, 792, 796, 801, 806, 815, 818, 822, 826, 837, 839, 842, 845, 873, 877, 879, 883, 888, 894, 898, 902, 907, 912, 918, 924, 929, 935, 938, 942, 945, 948, 951, 956, 960, 963, 968, 1042, 1056, 1065, 1108, 1116, 1118, 1121, 1123, 1145
36958 1182
36959 444
36974 1375
36981 721, 724, 727, 730, 733, 738, 751, 788, 792, 796, 801, 806, 815, 818, 822, 826, 837, 840, 843, 846, 873, 877, 879, 883, 888, 894, 899, 902, 907, 913, 918, 924, 929, 935, 938, 942, 945, 948, 951, 956, 960, 963, 968, 1042, 1057, 1065, 1108, 1116, 1118, 1121, 1123, 1146
37030 722, 724, 728, 730, 733, 738, 752, 788, 792, 797, 802, 806, 815, 819, 822, 826, 837, 840, 843, 846, 873, 877, 879, 883, 888, 894, 899, 902, 907, 913, 918, 924, 929, 935, 938, 942, 945, 948, 951, 956, 960, 963, 968, 1042, 1057, 1065, 1108, 1116,
37003 1384
37004 721, 724, 728, 730, 733, 738, 752, 788, 792, 797, 801, 806, 815, 819, 822, 826, 837, 840, 843, 846, 873, 877, 879, 883, 888, 894, 898, 902, 907, 912, 918, 924, 929, 935, 938, 942, 945, 948, 951, 955, 960, 963, 968, 1042, 1056, 1065, 1108, 1116, 1118, 1121, 1123, 1145
37005 1154
37006 601
37009 550
37020 1751
37022 722, 724, 728, 730, 733, 738, 752, 788, 792, 797, 802, 806, 815, 819, 822, 826, 837, 840, 843, 846, 873, 877, 879, 883, 888, 894, 899, 902, 907, 913, 918, 924, 929, 935, 938, 942, 945, 948, 951, 956, 960, 963, 968, 1042, 1057, 1065, 1108, 1116, 1118, 1121, 1123, 1146
37030 722, 724, 728, 730, 733, 738, 752, 788, 792, 797, 802, 806, 815, 819, 822, 826, 837, 840, 843, 846, 873, 877, 879, 883, 888, 894, 899, 902, 907, 913, 918, 924, 929, 935, 938, 942, 945, 948, 951, 956, 960, 963, 968, 1042, 1057, 1065, 1108, 1116,

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18, 1121, 23, 1146
3 569
3 554
1 1512
4 1375
6 495
4 469
6 469
1 1173
7 1480
2 1377
2 1317
6 1464
7 1764
0 1261
8 1753
9 1167
5 65
0 499
4 1466
4 518
5 1351
1 1184
4 1185
9 1757
1 51
5 392
0 1318
4 70
7 1371
8 1379
1 1185
2 700
5 1681
3 1352
7 293
5 496
6 1183
3 452
0 41
5 1186
3 1730
7 31
1 340
7 401
0 469
4 469
3 469
9 469
3 1298
0 1188
0 1188
1 1188
1 592
6 1750
3 1188
7 652
2 532
5 391
5 1187
7 636
3 1562
2 1573
3 1707
5 701
5 1710
9 1761
2 22
7 443
9 1518
5 15
3 455
9 1764
9 145
9 1455
2 630
5 1662
7 1547
7 287
5 1564
3 1361
7 496
5 1430
1 522
5 1371

37572 1267
37576 442
37585 597
37596 555
37605 330
37612 1466
37614 605
37618 1153
37623 1594
37631 528
37648 1755
37652 1545
37659 1218
37666 1218
37670 435
37675 1453
37676 1218
37685 445
37688 394
37698 171
37703 1425
37710 1680
37748 1746
37750 1686
37762 441
37767 509
37779 1714
37780 484
37792 41
37807 1434
37812 1379
37821 501
37822 1327
37825 174
37826 1320
37830 653
37841 1676
37851 651
37874 528
37880 186
37881 1508
37885 1339
37887 506
37901 246
37905 1413
37906 1725
37907 517
37912 1656
37919 1299
37921 1380
37961 331
37970 76
37977 603
37978 1383
38003 265
38032 420
38034 500
38038 1355
38044 410
38047 1428
38054 1196
38059 1355
38079 1649
38095 1343
38101 660
38107 1166
38117 1217
38121 1502
38128 212
38130 1186
38135 478
38139 479
38147 1380
38148 1595
38151 1353
38161 1684
38169 1322
38178 430
38190 473
38195 559
38204 663
38219 1639
38233 510
38253 1376
38254 1154
38263 1557

38270 1376
38273 1381
38275 1745
38282 460
38302 1376
38304 1745
38306 1312
38332 442
38344 518
38347 1365
38351 1360
38356 1203
38359 1276
38364 291
38376 1554
38390 83
38399 610
38400 517
38402 642
38404 416
38406 1581
38407 1476
38413 518
38425 415
38426 1723
38431 1185
38433 1674
38444 420
38445 184
38462 693
38465 693
38467 1731
38468 467
38469 486
38470 1373
38478 68
38482 69
38484 73
38492 1165
38495 1318
38499 466
38508 466
38516 29
38545 459
38563 511
38591 441
38614 1651
38618 595
38638 1544
38643 1364
38651 531
38656 627
38664 433
38666 1751
38671 1751
38698 1388
38711 332
38715 57
38718 1589
38722 569
38727 1184
38728 1763
38752 527
38753 608
38754 496
38757 6
38774 1356
38794 616
38797 1742
38800 273
38806 1424
38811 566
38823 1516
38825 439
38830 509
38837 525
38849 1353
38851 644
38859 285
38863 603
38876 1262
38881 1385
38893 1317
38901 1223
38903 1183
38909 626

38926 522
38939 1611
38948 1726
38979 1409
38982 559
39028 1714
39037 473
39053 333
39056 1434
39078 749
39097 1765
39098 1730
39108 629
39109 555
39113 92
39120 438
39128 453
39129 1377
39155 1724
39168 1341
39173 1356
39179 525
39186 1220
39187 1182
39198 1679
39215 1266
39219 74
39221 380
39227 1383
39233 1747
39244 488
39252 334
39261 1235
39271 1383
39274 1651
39277 518
39281 416
39283 503
39287 1751
39318 1728
39324 165
39327 392
39355 1728
39371 391
39378 1236
39379 1183
39388 440
39397 1570
39412 1474
39420 1495
39425 375
39430 1154
39434 623
39440 1758
39441 1476
39444 1476
39454 462
39464 1599
39468 1639
39482 502
39501 567
39505 1756
39510 1514
39519 1553
39522 545
39526 454
39532 1514
39536 1413
39539 1406
39541 1259
39545 1346
39549 1512
39551 1374
39555 1176
39556 1181
39559 1456
39576 ..... 1038, 1054
39587 48
39593 516
39597 490
39599 1381
39600 1358
39608 1236
39609 522
39621 1753
39622 1406

39625 1553
39629 1298
39630 1192
39632 1421
39633 627
39638 49
39647 1406
39648 521
39650 560
39655 1406
39661 1406
39663 668
39668 1406
39672 1174
39678 1583
39682 1166
39685 1684
39693 424
39697 1406
39698 1236
39703 91
39704 1403
39706 1406
39712 516
39717 1406
39726 1395
39727 1362
39735 1406
39738 1407
39744 1353
39746 450
39747 382
39751 1403
39758 1744
39759 1556
39764 1562
39765 34
39766 1407
39769 1617
39777 490
39778 1407
39781 1407
39784 1407
39786 1407
39794 459
39796 1182
39804 1407
39805 1407
39811 1403
39820 1407
39822 423
39826 1197
39829 1407
39832 423
39833 1363
39839 1375
39843 1409
39849 423
39850 423
39852 1248
39860 423
39863 423
39865 423
39866 240
39871 423
39874 423
39875 1426
39879 423
39883 423
39885 1377
39900 1723
39904 1181
39905 626
39913 432
39916 1384
39918 1409
39921 1409
39922 1553
39926 1324
39929 45
39930 1409
39931 437
39934 417
39939 564
39941 1409
39947 1385

39960 475
39967 1578
39972 335
39978 554
39984 160

4

40001 526
40031 1409
40037 398
40038 1580
40049 69
40050 1178
40053 1478
40057 1352
40065 598
40072 1700
40074 436
40112 600
40114 1340
40123 528
40129 1746
40136 1740
40142 1360
40146 1755
40147 1521
40150 132
40158 636
40162 1200
40180 580
40183 1376
40188 1383
40197 1729
40205 1721
40212 1378
40218 418
40222 88
40234 1715
40241 1221
40242 1419
40243 1340
40256 1362
40260 369
40263 1579
40281 1153
40290 71
40291 1205
40297 369
40300 624
40306 1680
40310 1377
40324 1366
40328 653
40330 1419
40332 1737
40344 1419
40351 1066
40356 1420
40357 628
40361 1417
40363 302
40371 1439
40381 1197
40383 1277
40385 1439
40392 1439
40395 1634
40398 630
40402 1438
40405 520
40407 1436
40408 1189
40411 1716
40417 448
40421 416
40422 1355
40425 1321
40432 565
40440 1583
40441 184
40446 1201
40449 1459
40451 1750
40467 1419
40468 44

40474 401
40475 219
40476 1383
40482 1733
40493 492
40494 1439
40499 663
40501 330
40510 1245
40511 1403
40526 512
40528 1374
40532 500
40544 1355
40548 1735
40567 1725
40568 615
40571 504
40586 1392
40589 331
40590 1436
40599 1727
40604 1759
40608 595
40612 69
40623 1547
40632 1413
40634 1439
40637 439
40646 1586
40658 1722
40660 1600
40671 1758
40673 399
40684 509
40688 145
40695 523
40707 407
40709 417
40710 1697
40717 481
40728 185
40735 186
40737 521
40739 90
40747 139
40750 569
40756 546
40763 1645
40769 581
40771 545
40785 1713
40790 227
40798 1512
40803 494
40815 443
40819 143
40827 1324
40828 1174
40830 548
40836 26
40838 1340
40854 1204
40856 225
40858 225
40868 1179
40870 1753
40875 1214
40890 749
40899 513
40921 1176
40924 401
40925 1428
40926 1386
40934 1740
40952 339
40955 1390
40966 1186
40968 11
40972 1681
40984 413
40985 1285
40995 450
410002 679
410003 1190
410005 248

410008 1214
410009 578
41001 1379
410010 1625
410013 255
410018 665
410019 415
410033 1354
410035 608
410036 628
410053 1278
410060 377
410090 1467
410092 197
410093 ..... 998, 1007, 1017, 1024, 1026
410098 1704
410111 1406
410119 387
410123 1020
410125 1511
410127 ..... 939, 953
410128 1627
410129 675
410131 1688
410133 ..... 914, 926, 939, 943, 952
410139 1452
410142 1020
410143 444
410144 1432
410145 921
410148 1382
410154 1709
410155 1329
410156 506
410158 504
410160 560
410161 462
410162 1702
410165 689
410169 1503
41017 478
410173 1485
41018 1328
410180 1005, 1043, 1057, 1066, 1075, 1147
410187 1182
410188 508
410189 684
410195 629
410199 1557
41029 1377
410306 1548
410310 1010
410313 1125
410315 707
410316 1559
410318 691
410320 1658
410321 1628
410322 1548
410324 1539
410327 1490
410329 1631
410330 648
410331 1806, 1819, 1824
410333 676
410339 1404
410340 762
410345 677
410347 1816
410350 413
410351 1693
410353 496
410354 1477
410357 1695
410358 1458
410361 1605
410362 371
410364 1804
410366 1193
410368 707
410370 1578

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TESSCO Part Number (SKU) Index

410372 ... 1801
410377 ... 1686
410378 ... 568
410379 ... 721, 724, 728, 730, 733, 738, 788, 792, 797, 802, 806, 815, 819, 822, 826, 837, 840, 843, 846, 873, 877, 879, 883, 888, 894, 899, 902, 907, 912, 918, 924, 929, 931, 935, 938, 942, 945, 948, 951, 955, 960, 963, 968, 1108, 1116, 1118, 1121, 1123, 1145
410380 ... 1640
410385 ... 1371
410386 ... 616
410389 ... 1816
410390 ... 1811, 1813, 1822
410392 ... 1694
410395 ... 1477
410396 ... 1195
410400 ... 1665
410401 ... 247
410402 ... 514
410403 ... 1381
410404 ... 1383
410405 ... 1404
410406 ... 1475
410407 ... 668
410408 ... 1475
410409 ... 521
410410 ... 27
410600 ... 1377
410602 ... 580
410605 ... 1583
410610 ... 1209
410619 ... 1143
410620 ... 1179
410627 ... 1654
410630 ... 662
410638 ... 86
410642 ... 665
410646 ... 595
410647 ... 1645
410648 ... 173
410649 ... 138
410658 ... 1424
410667 ... 575
410670 ... 733, 737, 818, 825, 882, 887, 898, 1142
410676 ... 457
410677 ... 659
410680 ... 940, 954
410681 ... 965
410684 ... 1210
410689 ... 1332
410704 ... 1559
410706 ... 400
410708 ... 491
410711 ... 303
410720 ... 458
410724 ... 1035, 1050
410725 ... 1760
410727 ... 468
410728 ... 646
410731 ... 525
410733 ... 411
410739 ... 539
410743 ... 460
410744 ... 408
410745 ... 1561
410752 ... 1423
410758 ... 591
410763 ... 1207
410764 ... 1566
410766 ... 541
411167 ... 1005, 1041, 1056, 1064, 1070, 1074, 1145
411173 ... 566
411176 ... 1412
411177 ... 1033, 1048
411180 ... 545
411182 ... 1375
411184 ... 1011
411194 ... 685
411196 ... 1627
411200 ... 1474
411209 ... 699
411220 ... 1475
411240 ... 1382
411250 ... 1373
411280 ... 287
411290 ... 517
411300 ... 668
411310 ... 615
411315 ... 575
411318 ... 1739
411320 ... 708
411321 ... 237
411330 ... 1014
411335 ... 1490
411342 ... 674
411356 ... 1738
411357 ... 203
411360 ... 1575
411361 ... 1329
411363 ... 1310
411371 ... 1686
411372 ... 547
411373 ... 572
411375 ... 1805, 1818, 1822
411376 ... 440
411380 ... 416
411382 ... 1802
411384 ... 1112, 1147
411386 ... 1450
411392 ... 1371
411394 ... 1690
411395 ... 1689
411399 ... 1515
411530 ... 1177
411540 ... 635
411710 ... 1613
411820 ... 369
411830 ... 414
411970 ... 518
412000 ... 658
412001 ... 1308
412030 ... 1199
412060 ... 162
412070 ... 1429
412090 ... 541
412011 ... 1210
412025 ... 1662
412028 ... 1071, 1076, 1083, 1087, 1093, 1097
412029 ... 700
412036 ... 1475
412042 ... 562
412054 ... 1570
412066 ... 436
412070 ... 564
412079 ... 943, 946, 951, 956, 961, 1138
412089 ... 1192
412090 ... 1703
412101 ... 1036, 1051
412110 ... 650
412111 ... 1035, 1050
412112 ... 1388
412113 ... 1753
412116 ... 1308
412118 ... 82
412123 ... 681
412125 ... 1207
412135 ... 1505
412143 ... 1760
412144 ... 1438
412147 ... 925
412150 ... 547
412151 ... 1438
412154 ... 1034, 1050
412155 ... 419
412160 ... 1381
412168 ... 1460
412170 ... 817
412177 ... 609
412182 ... 1437
412184 ... 1219
412185 ... 1011
412189 ... 1414
412192 ... 1511
412197 ... 1098
412250 ... 1273
412260 ... 1763
412306 ... 567
412309 ... 191
412311 ... 1632
412312 ... 188
412322 ... 1578
412323 ... 1821
412330 ... 171
412332 ... 1632
412333 ... 1608
412336 ... 1190
412338 ... 655
412352 ... 870
412353 ... 1585
412355 ... 1555
412357 ... 1632
412359 ... 692
412360 ... 1450
412364 ... 1006, 1044, 1058, 1346
412367 ... 741, 1226
412371 ... 592
412376 ... 870
412380 ... 584
412381 ... 1817
412383 ... 1132
412386 ... 1597
412388 ... 1446
412389 ... 568
412390 ... 1642
412391 ... 1738
412393 ... 1587
412395 ... 1089
412399 ... 916, 927, 1149
412470 ... 1732
412510 ... 1435
412550 ... 6
412660 ... 1382
412710 ... 1378
412870 ... 1352
412980 ... 335
413000 ... 529
413010 ... 1214
413050 ... 1380
413070 ... 1645
413080 ... 625
413110 ... 608
413130 ... 1239
413160 ... 507
413170 ... 223
413180 ... 666
413020 ... 1479
413220 ... 1377
413230 ... 732, 737, 818, 825, 882, 887, 1142
413360 ... 1370
413490 ... 1449
413520 ... 1429
413610 ... 1032
413670 ... 583
413680 ... 1373
413700 ... 651
413790 ... 940, 954
413810 ... 1433
413860 ... 261
413870 ... 507
413930 ... 468
413100 ... 155
413105 ... 449
413106 ... 449
413107 ... 449
413124 ... 958
413125 ... 696
413128 ... 1463
413139 ... 749
413141 ... 1313
413144 ... 1193
413152 ... 75
413170 ... 1730
413174 ... 1451
413180 ... 1376
413183 ... 1187
413190 ... 1237
413191 ... 603
413196 ... 1194
413210 ... 526
413250 ... 1731
413257 ... 1447
413301 ... 1453
413305 ... 1180
413312 ... 1182
413314 ... 600
413315 ... 1685
413316 ... 1641
413318 ... 1187
413320 ... 1605
413325 ... 1448
413326 ... 1316
413329 ... 574
413331 ... 1641
413333 ... 1448
413335 ... 1315
413336 ... 650
413338 ... 732, 737, 751, 758, 787, 791, 796, 801, 805, 817, 825, 836, 871, 881, 886, 897, 905, 911, 916, 923, 937, 940, 944, 947, 950, 954, 967, 1004, 1021, 1039, 1054, 1062, 1079, 1085, 1089, 1095, 1150
413340 ... 1575
413350 ... 674
413351 ... 1548
413355 ... 1604
413357 ... 183
413360 ... 1669
413369 ... 1613
413371 ... 687
413372 ... 1806, 1820, 1824
413384 ... 1585
413389 ... 701
413390 ... 1375
413391 ... 1806, 1820, 1824
413392 ... 1635
413393 ... 926
413396 ... 1574
413397 ... 1643
413440 ... 1612
413580 ... 631
413610 ... 600
413630 ... 1484
413700 ... 1599
413720 ... 524
413780 ... 1484
413930 ... 1481
413950 ... 1755
414009 ... 224
414010 ... 720, 726, 736
414014 ... 163
414015 ... 1376
414019 ... 666
414037 ... 1441
414047 ... 1372
414059 ... 1510
414066 ... 1210
414068 ... 921
414070 ... 625
414074 ... 897
414075 ... 1176
414078 ... 1456
414080 ... 469
414094 ... 1572
414097 ... 681
414098 ... 429
414100 ... 1484
414100 ... 1654
414103 ... 424
414105 ... 1627
414107 ... 1452
414109 ... 1034, 1049
414110 ... 999, 1014, 1021
414115 ... 1485
414117 ... 198
414120 ... 1484
414124 ... 681
414131 ... 542
414132 ... 411
414139 ... 642
414140 ... 1484
414154 ... 595
414156 ... 1486
414159 ... 1370
414161 ... 1219
414162 ... 1167
414163 ... 1036, 1051
414164 ... 1656
414169 ... 1438
414170 ... 189
414171 ... 472
414173 ... 1503
414178 ... 381
414179 ... 493
414182 ... 1425
414186 ... 1558
414189 ... 489
414190 ... 1558
414194 ... 411
414198 ... 527
414269 ... 1436
414300 ... 1311
414306 ... 656
414313 ... 585
414315 ... 762
414320 ... 1676
414322 ... 1608
414324 ... 1806, 1820, 1824
414328 ... 534
414334 ... 1686
414339 ... 872, 876, 878, 882, 887, 893, 898, 901, 906, 912, 917, 923, 928, 931, 934, 941, 955, 967, 1143
414344 ... 687
414347 ... 1581
414349 ... 1804, 1810, 1813, 1815
414356 ... 466
414357 ... 1634
414360 ... 1198
414361 ... 1808, 1809
414362 ... 1010
414364 ... 647
414366 ... 1489
414370 ... 167
414372 ... 1817
414373 ... 1371
414374 ... 764, 768
414375 ... 1603
414376 ... 762
414377 ... 1819
414378 ... 1685
414380 ... 1709
414381 ... 930
414385 ... 1693
414387 ... 1690
414390 ... 615
414391 ... 1448
414392 ... 1581
414394 ... 702
414397 ... 709
414420 ... 1355
414520 ... 1567
414590 ... 643
414600 ... 1731
414620 ... 468
414670 ... 414
414690 ... 1592
414790 ... 451
414800 ... 549
414830 ... 1376
415000 ... 430
415001 ... 195
415002 ... 1175
415004 ... 1199
415005 ... 399
415008 ... 1455
415016 ... 731
415025 ... 1443
415026 ... 719, 725, 735
415029 ... 1239
415031 ... 629
415033 ... 1370
415036 ... 1442
415050 ... 1320
415055 ... 659
415058 ... 1442
415060 ... 433
415068 ... 1558
415072 ... 1347
415073 ... 1085, 1095, 1142
415077 ... 582
415078 ... 1571
415086 ... 1215
415088 ... 495
415091 ... 1418
415099 ... 421
415101 ... 1033, 1048
415102 ... 1037, 1052
415103 ... 650
415105 ... 565
415107 ... 409
415108 ... 1551
415117 ... 529
415122 ... 466
415127 ... 816
415129 ... 652
415132 ... 1438
415137 ... 751, 755, 759, 765, 770
415150 ... 239
415153 ... 1405
415155 ... 608
415156 ... 446
415158 ... 1452
415160 ... 421
415162 ... 486
415168 ... 468
415170 ... 239
415171 ... 406
415184 ... 525
415186 ... 1312
415191 ... 1485
415192 ... 494
415193 ... 1673
415194 ... 1458
415240 ... 1352
415250 ... 219
415260 ... 41
415300 ... 537
415300 ... 233
415302 ... 1226
415306 ... 508
415311 ... 664
415313 ... 571
415314 ... 1310
415315 ... 1561
415317 ... 1107
415319 ... 1605
415327 ... 573
415328 ... 1347
415331 ... 1642
415332 ... 1311
415336 ... 1226
415338 ... 1451
415340 ... 573
415342 ... 1330
415347 ... 1548
415348 ... 566
415349 ... 682
415351 ... 1310
415353 ... 1594
415354 ... 1088
415355 ... 1604
415356 ... 396
415357 ... 1616
415364 ... 1541
415365 ... 1694
415366 ... 1534
415370 ... 1820
415372 ... 655
415377 ... 183
415380 ... 1458
415381 ... 1672
415382 ... 1605
415384 ... 1330
415385 ... 588
415386 ... 580
415387 ... 588
415388 ... 1175
415391 ... 1133
415397 ... 1810, 1812, 1820
415398 ... 486
415490 ... 624
415570 ... 496
415610 ... 248
415620 ... 1273
415640 ... 1267
415790 ... 1746
415810 ... 736
415930 ... 1558
415960 ... 1332
416000 ... 1413
416010 ... 482
416018 ... 1639
416023 ... 413
416025 ... 628
416029 ... 1315
416041 ... 1542
416051 ... 1662
416056 ... 255
416066 ... 1318
416068 ... 587
416070 ... 1374
416074 ... 1378
416081 ... 731
416094 ... 608
416102 ... 458
416103 ... 415
416110 ... 838, 843, 846, 1137
416113 ... 126
416118 ... 1622
416120 ... 1177
416125 ... 418
416128 ... 126
416131 ... 1035, 1050
416132 ... 1176
416133 ... 1544
416134 ... 424
416135 ... 699
416138 ... 1033, 1048
416141 ... 869, 903, 910, 915, 936, 939, 944, 946, 949, 953, 958, 961
416144 ... 1166
416146 ... 914
416151 ... 1508
416153 ... 1486
416154 ... 720, 736
416163 ... 914, 926, 939, 952
416165 ... 677
416169 ... 1437
416173 ... 499
416174 ... 1654
416175 ... 383
416178 ... 1746
416180 ... 1008
416187 ... 686
416192 ... 517
416196 ... 1483
416198 ... 212
416210 ... 500
416235 ... 1384
416290 ... 1243
416300 ... 1763
416304 ... 1186
416306 ... 211
416307 ... 583
416308 ... 393
416309 ... 1659
416310 ... 572
416318 ... 1816
416323 ... 1643
416326 ... 1643
416328 ... 1179
416330 ... 1354
416335 ... 1587
416337 ... 932
416338 ... 1548
416340 ... 1010
416341 ... 1546
416343 ... 1195
416345 ... 1685
416346 ... 708
416347 ... 1556
416348 ... 1010
416349 ... 794, 1814
416351 ... 1570
416355 ... 706
416359 ... 1686
416362 ... 1516
416363 ... 684
416365 ... 1024
416368 ... 917
416369 ... 1019
416371 ... 1442
416375 ... 1624
416378 ... 1132
416379 ... 1048
416383 ... 1200
416384 ... 832
416386 ... 1803
416389 ... 1592
416390 ... 820
416400 ... 397
416450 ... 1176
416660 ... 370
416690 ... 457
416730 ... 445
416850 ... 610
416890 ... 428
416920 ... 1376
416950 ... 1201
417000 ... 1654
417006 ... 1193
417011 ... 508
417014 ... 489
417015 ... 578
417025 ... 1178
417027 ... 601
417031 ... 1047
417037 ... 1441
417043 ... 1047
417049 ... 1408
417050 ... 1570
417051 ... 719, 725, 735
417056 ... 732
417070 ... 1317
417072 ... 1454
417074 ... 1384
417080 ... 276
417084 ... 1443
417085 ... 1032
417090 ... 1704
417100 ... 1037, 1052
417105 ... 405

TESSCO Part Number Index

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14 453
16 396
19 674
25 460
28 381
30 403
34 688
35 1416
36 606
39 200
41 1147
42 ..... 872, 876, 1, 911, 916, 8, 930, 933
46 1179
48 178
50 675
52 461
54 ..... 903, 909, 5, 936, 939, 3, 946, 949, 2, 957, 961
59 449
62 606
68 210
70 1757
71 424
76 1098
77 607
78 1740
79 1166
80 407
82 ..... 999, 1014, 21
83 1557
84 ..... 1034, 1050
85 1515
86 1615
88 ..... 1035, 1050
92 1461
96 ..... 787, 791, 0, 809, 1149
97 425
98 1377
99 1416
5 1382
5 1545
61 1638
02 707
04 1442
06 ..... 1081, 1089
07 1816
0 1658
1 395
3 648
6 1705
7 810
8 ..... 719, 726, 5, 750, 754, 3, 768, 772, 5, 790, 794, 9, 804, 808, , 844, 870, 2, 896, 904, 0, 922, 1002, 2, 1019, 27, 1037, 2, 1061, 8, 1072, 7, 1081, 3, 1088, 1, 1094, 0, 1120
9 587
3 1548
9 333
..... 1466
0 1402
2 677
6 1560
7 595
8 700
..... 63
0 699
1 709
2 1582

417343 1639
417346 1445
417347 665
417350 1405
417351 1412
417357 1604
417359 1697
417360 1655
417361 1606
417365 607
417366 689
417367 1641
417368 ..... 875, 908, 914, 919, 935, 1138
417373 1587
417377 463
417738 7
417380 1752
417382 1195
417383 550
417388 708
417390 ..... 872, 876, 901, 906, 911, 917, 928, 931, 934
417396 656
417742 487
417743 135
417748 663
417750 281
417753 1189
417758 1386
417760 1698
417763 1328
417772 1651
417775 413
417777 1374
417780 1340
417792 399
417793 1355
417797 1735
417799 1382
418002 1176
418003 1190
418016 51
418022 259
418024 173
418025 1475
418027 627
418029 423
418032 1572
418035 189
418036 664
418040 ..... 1095, 1099
418046 1047
418047 257
418049 494
418051 52
418052 731
418055 694
418058 387
418063 1625
418067 1381
418072 649
418074 613
418076 1348
418077 1189
418091 1189
418104 526
418107 1557
418111 1436
418114 596
418116 921
418121 1482
418126 463
418127 1557
418128 ..... 1035, 1051
418130 ..... 1037, 1052
418131 1219
418139 690
418141 1023
418144 ..... 1035, 1051
418145 560
418146 ..... 1034, 1049
418147 419

418153 1615
418155 684
418160 ..... 1003, 1039, 1054, 1062
418161 1084
418162 525
418164 418
418165 1440
418175 462
418177 1207
418182 1187
418183 1622
418188 650
418193 681
418194 606
418198 ..... 871, 905, 911, 916, 936, 940, 944, 947, 949, 953, 958, 962
418199 667
41822 505
41830 1329
418300 1520
418301 1381
418303 1380
418304 533
418307 572
418309 1576
418312 1448
418318 658
418319 185
41832 433
418320 ..... 1109, 1146
418322 1616
418324 1658
418327 567
418328 573
418330 669
418331 473
418333 1617
418335 ..... 1025, 1144
418337 572
418340 69
418341 704
418343 ..... 1025, 1028
418344 1591
418347 1146
418348 1010
418350 695
418351 566
418352 1047
418354 1026
418355 1816
418356 646
418368 568
41837 385
418374 926
418376 1765
418379 1628
418383 1522
418385 1569
418386 1808
418387 1433
418390 566
418393 696
418397 685
41848 1724
41850 1241
41852 47
41853 537
41861 25
41865 ..... 1007, 1044, 1059, 1067, 1075, 1348
41870 ..... 1044, 1059, 1067, 1348
41877 1185
41878 634
419001 628
419009 257
419014 615
419030 ..... 1001, 1030, 1045, 1059
419033 1443
419037 ..... 1093, 1097

419045 1572
419051 234
419058 1156
419062 1369
419064 1458
419069 1467
419071 610
419073 1383
419083 1446
419088 737
419089 438
419091 1379
419095 575
419097 580
419098 731
419102 685
419103 420
419105 216
419112 1372
419117 628
41912 574
419121 681
419129 1430
419130 199
41914 495
419141 506
419143 ..... 1102, 1144
419144 1151
419145 472
419146 511
419147 415
419149 1803
419150 426
419152 689
419154 543
41916 1280
419160 561
419161 692
419163 375
419168 1437
419170 ..... 798, 803, 807, 1139
419172 187
419174 1483
419179 1414
41918 1766
419181 958
419182 540
419194 393
419197 521
41920 1758
419219 502
41928 1554
419302 567
419305 1315
419308 1371
419314 1501
419316 571
419317 838
419318 ..... 1102, 1139
419319 1685
419320 1644
419321 1412
419322 ..... 1025, 1144
419329 692
419335 1749
419336 588
419341 1179
419343 567
419345 1164
419347 762
419349 572
419350 391
419351 171
419352 435
419353 448
419354 1575
419357 1708
419361 1738
419365 1644
419366 559
419367 498
419375 678
419381 723
419382 579
419383 1560

419385 1433
419388 567
419389 691
41939 1740
419394 1658
419395 1405
419396 1211
41946 1187
41947 477
41963 1568
41975 1426
41981 16
41982 1687
41990 1735
41994 1590
41999 1382
420000 436
420006 1047
420016 1684
420018 661
420023 1181
420025 1183
420039 1571
420051 1180
420052 1315
420056 965
420059 541
420061 1048
42007 470
420076 458
420079 1199
420082 1198
420083 ..... 881, 885
420084 1370
420086 661
420093 665
420095 496
420098 596
420102 677
420108 453
420112 485
420113 405
420118 385
420120 1325
420123 652
420127 682
420132 186
420134 1482
420135 1411
420136 570
420137 ..... 1109, 1110, 1114
420140 ..... 871, 876, 901, 905, 911, 916, 927, 933
420141 ..... 1037, 1052
420146 ..... 1036, 1051
420149 1353
420152 410
420157 1467
420160 475
420173 1438
420176 650
420183 1309
420188 ..... 1033, 1048
420189 1654
420194 1162
42020 545
420247 1453
420306 571
42031 598
420312 1355
420321 587
420323 649
420334 567
420336 155
420337 575
420338 1696
420341 574
420343 1548
420344 1643
420346 1738
420348 1804
420349 1165
420355 222
420358 1180

42036 1723
420360 535
420361 1642
420363 ..... 1025, 1082, 1144
420364 1803
420366 70
420369 702
420371 ..... 1805, 1818, 1822
420375 1603
420376 1604
420377 1536
420381 1814
420382 1671
420383 1010
420384 1817
420385 1574
420389 1334
420390 37
420392 468
420394 435
420395 1804
420397 1802
42049 1176
42062 1317
42065 446
42072 1698
42085 25
42100 1717
421002 1190
421003 1519
421004 1031
421007 1640
421010 1140
421014 508
421019 1180
421020 1183
421023 664
421037 1570
421038 506
421041 164
421048 1381
421049 1332
421106 1665
421064 1369
421074 544
421082 1185
421090 694
421110 406
421111 536
421113 1394
421114 ..... 838, 1138
421115 536
421116 1101
421123 1634
421124 422
421128 1163
421130 675
421141 1457
421143 ..... 1036, 1051
421146 1546
421147 1353
421152 608
421153 527
421161 1622
421162 1760
421164 534
421165 957
421166 ..... 1079, 1099
421168 391
421171 1753
421172 491
421178 ..... 916, 927
421183 1422
421186 675
421119 1753
421197 1490
421198 841
421123 1553
421302 453
421305 1645
421309 334
421310 1548
421312 685
421313 936

421316 655
421320 1621
421326 571
421328 1330
421329 1310
421334 1049
421335 1181
421336 1597
421339 1200
421347 1597
421351 ..... 755, 759, 765, 769, 773, 1135
421353 589
421354 1313
421357 762
421136 136
421364 1807
421366 762
421368 1518
421369 1604
421371 567
421375 1691
421378 616
421380 234
421381 1661
421384 389
421387 1330
421389 566
421390 1175
421391 ..... 741, 1226
421397 1661
421148 558
421153 587
421166 139
421176 117
421178 1729
421181 1679
421192 335
421195 1706
421198 569
421199 117
422004 44
422005 1178
422007 1215
422019 1384
422027 1370
422203 1326
422204 1385
422042 1313
422049 253
422205 603
422050 693
422055 659
422056 1191
422058 1181
422061 1589
422063 ..... 824, 1150
422066 1408
422067 1164
422068 1687
422081 660
422085 1428
422086 246
422095 665
422104 1375
422115 478
422121 1467
422128 ..... 1037, 1052
422130 414
422136 ..... 1036, 1051
422138 459
422214 446
422141 606
422144 606
422147 242
422215 617
422150 378
422157 552
422158 1560
422160 1329
422165 455
422172 1451
422177 1416
422186 1502
422187 ..... 1001, 1016

422190 1008
422192 1423
422194 1550
422195 1622
422198 ..... 1003, 1038, 1053, 1061, 1073
422253 629
422301 567
422306 1574
422307 647
422310 581
422315 1574
422316 1686
422322 1749
422323 1685
422324 1520
422326 568
422328 615
422329 568
422330 160
422331 570
422334 1631
422336 615
422338 1478
422340 1642
422342 693
422346 220
422349 1356
422353 573
422354 1027
422355 1820
422356 693
422359 574
422362 1548
422364 616
422367 1047
422372 ..... 821, 1143
422373 1010
422374 1817
422375 ..... 720, 727, 755, 769, 773, 787, 791, 805, 809, 812, 814, 821, 832, 842, 845, 893, 927, 933, 999, 1014, 1025, 1028, 1069, 1073, 1078, 1082, 1089, 1092, 1125, 1130, 1132, 1134
422378 445
422381 1685
422382 334
422387 1643
422388 615
422389 1592
422390 1312
422391 1370
422393 1325
422396 1047
422398 1644
422399 1617
42244 518
42246 1737
42250 1379
42268 1206
42271 1386
42273 1732
42275 1295
42276 1214
42280 331
42285 1599
42293 1665
42300 471
423000 241
423009 444
423013 252
423014 1556
423024 582
423029 474
423032 613
423037 1571
423039 757
423048 618

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TESSCO Part Number (SKU) Index

423052 755
423059 1348
423061 431
423063 1654
423075 1455
423076 1655
423085 596
423089 1495
423091 226
423094 756, 759, 765, 770, 774, 1130, 1135, 1141
423093 506
423103 1651
423104 675
423114 1033, 1048
423116 1020
423128 1151
423134 418
423140 1759
423145 1215
423149 595
423150 1166
423154 872, 876, 879, 882, 888, 893, 898, 901, 906, 912, 917, 923, 928, 934, 1143
423156 1756
423159 1003, 1038, 1053, 1061, 1069, 1073
423163 1423
423174 425
423175 457
423178 449
423182 1196
423183 259
423191 1035, 1050
423195 1207
423197 1459
423199 445
423222 552
423259 1102, 1139
423300 1311
423301 498
423307 1367
423308 1603
423315 649
423317 567
423318 1111
423319 1691
423324 1690
423328 685
423335 795
423338 1366
423344 1663
423348 696
423352 1605
423354 697
423355 757, 764, 768, 772, 1129, 1134
423362 1548
423365 683
423370 231
423371 610
423374 416
423376 1556
423381 820
423386 1694
423388 617
423390 1689
423391 1592
423392 1803
423394 1806, 1819, 1823
423397 1585
423447 561
423490 1387
423495 62
424000 69
424003 1465
424008 1192
424011 1570
424012 510
424013 695
424023 613
424027 658
424030 634
424031 1370
424047 502
424053 1510
424056 1191
424058 660
424060 563
424061 1572
424062 1418
424063 1558
424077 227
424086 658
424088 1475
424090 665
424099 722, 734, 739, 752, 770, 789, 793, 797, 802, 807, 816, 819, 826, 837, 874, 883, 889, 894, 899, 907, 913, 918, 925, 938, 942, 946, 948, 951, 956, 960, 964, 968, 1112, 1147
424110 419
424122 689
424125 525
424127 1036, 1051
424129 645
424130 401
424133 109
424137 456
424141 1511
424145 1193
424151 642
424152 1664
424157 1404
424161 675
424163 921
424164 1645
424173 1720
424177 681
424180 1381
424184 940, 954
424185 646
424189 642
424193 1008
424197 504
424198 1355
424199 688
424200 909
424210 1567
424211 1395
424249 1380
424260 686
424271 1664
424281 1197
424307 1453
424308 1617
424313 466
424314 1548
424315 589
424316 1588
424317 1548
424319 1646
424320 1077
424321 459
424324 1548
424326 1749
424328 709
424329 656
424330 580
424332 1636
424341 567
424346 1603
424348 634
424351 1604
424353 1010
424355 1000, 1144
424360 1804
424363 1107
424366 1626
424367 1356
424368 1642
424369 1658
424372 720, 727, 755, 769, 773, 787, 791, 805, 809, 812, 814, 821, 832, 842, 845, 893, 927, 933, 999, 1014, 1025, 1028, 1069, 1074, 1078, 1082, 1089, 1092, 1126, 1130, 1132, 1134
424374 261
424375 1184
424377 70
424379 1047
424384 1539
424385 1195
424390 568
424391 1402
424393 548
424394 1617
424398 1807, 1808
424445 1385
424462 487
424466 1611
424474 487
424475 1762
424476 35
424484 1377
425008 1375
425012 1189
425014 578
425016 618
425020 1181
425021 1177
425023 1179
425026 1180
425027 1457
425032 660
425034 1626
425042 1407
425045 1572
425065 594
425066 1407
425068 606
425076 493
425077 685
425087 1047
425095 1177
425107 1445
425116 1036, 1052
425119 1011
425122 686
425129 869
425138 224
425140 1411
425142 200
425145 504
425156 1653
425157 903
425158 172
425163 534
425167 541
425217 1238
425170 456
425173 1187
425178 1011
425189 683
425225 1385
425303 466
425304 618
425306 1186
425307 568
425313 1643
425314 1580
425316 1617
425320 633
425323 1561
425330 1415
425331 1539
425335 559
425337 655
425341 1144
425343 535
425345 719, 726, 736, 750, 754, 763, 768, 772, 785, 794, 799, 804, 808, 811, 844, 870, 892, 896, 904, 910, 922, 1002, 1012, 1019, 1027, 1037, 1052, 1061, 1068, 1072, 1077, 1081, 1083, 1088, 1091, 1094, 1110, 1120
425346 1669
425347 1689
425349 1577
425350 1179
425352 1561
425353 1642
425355 455
425357 436
425359 1165
425360 448
425362 1368
425364 171
425368 759, 765, 770, 774, 1141
425372 650
425373 1658
425374 1018
425375 1180
425378 1134
425380 1431
425382 1010
425383 1806, 1819, 1823
425384 1803
425388 508
425389 720, 726, 729, 736
425391 1693
425392 172
425396 1122
425543 1532
425547 272
425548 1410
425549 1746
425551 1420
425564 13
425568 1304
425576 23
425578 1165
425587 1264
425590 630
425597 1480
425599 501
426000 666
426012 580
426013 1199
426021 207
426027 467
426030 1190
426034 1108, 1116, 1118, 1121, 1123, 1146
426036 1465
426039 1185
426040 1637
426043 445
426049 1434
426060 630
426060 1179
426073 661
426074 1179
426076 613
426090 1218
426097 662
426101 605
426102 458
426108 834
426109 452
426111 630
426117 1333
426122 403
426124 552
426126 1330
426131 1380
426134 1557
426135 1035, 1050
426139 1558
426145 424
426146 1503
426147 642
426150 455
426158 1561
426159 507
426161 460
426171 1413
426174 594
426176 692
426179 495
426183 493
426186 1035, 1050
426189 84
426191 1591
426190 1253
426192 1207
426195 380
426196 1422
426199 400
426231 1317
426281 398
426302 1180
426303 1596
426304 688
426306 802
426311 1175
426310 1616
426312 1132
426314 652
426315 1311
426316 1425
426318 1325
426324 1641
426326 1518
426327 656
426330 929
426332 571
426334 577
426335 1802
426336 1155
426338 674
426341 1194
426342 762, 767
426344 516
426345 1686
426348 909, 1348
426350 1693
426353 1822
426354 1577
426358 174
426360 1686
426363 1539
426364 1497
426368 1155
426369 650
426370 1451
426373 1018
426374 1693
426378 1605
426379 1823
426380 1801
426381 1175
426386 1126, 1146
426389 1810, 1813, 1815
426391 1328
426393 1442
426395 1573
426396 1606
426398 1803
426400 1358
426421 1744
426441 1754
426451 630
426461 630
426471 450
426491 630
426521 104
426541 1625
426551 630
426561 624
426621 631
426651 1613
426701 631
426721 1478
426741 631
426771 1165
426781 577
426851 446
426861 631
426881 631
426931 1355
426951 1725
427002 1156
427008 1396
427011 1567
427010 1178
427018 628
427021 630
427021 594
427029 1253
427037 468
427038 1218
427041 520
427045 1175
427049 1190
427054 1156
427061 1217
427062 1654
427068 1369
427069 1417
427075 1381
427076 731
427079 1378
427081 305
427081 964
427082 1441
427095 582
427101 668
427114 508
427115 415
427118 1585
427119 1440
427121 138
427122 424
427126 1303
427135 921
427137 215
427139 914
427141 1736
427147 511
427151 1406
427158 1544
427161 1013
427164 525
427169 1001, 1030, 1045, 1059, 1068
427172 391
427181 1592
427181 1627
427185 1033, 1048
427187 1565
427191 629
427196 1416
427198 1416
427199 450
427201 1355
427221 629
427241 1656
427271 1528
427300 1112
427301 707
427303 1299
427310 1689
427317 1816
427327 1451
427328 448
427335 333
427336 1047
427342 699
427344 1450
427345 1558
427347 1805
427349 1612
427350 762
427352 757, 813, 835, 838, 841, 885, 915, 930, 965, 1037, 1098, 1115, 1117
427354 1579
427357 655
427358 1812, 1820
427359 567
427362 578
427365 1691
427367 1134
427368 1597
427369 1814
427371 630
427370 1115
427371 1587
427374 567
427377 568
427378 468
427379 1686
427381 433
427380 1415
427383 1315
427384 1520
427386 1805, 1818, 1822
427390 184
427392 875, 900
427395 1604
427399 1658
427401 630
427402 481
427406 1530
427403 630
427405 630
427409 1727
427410 752, 1146
427413 395
427420 1152
427421 534
427428 71
427429 82
427432 428
427436 643
427440 1325
427441 1646
427442 1183
427447 657
427443 630
427445 1178
427446 1264
427444 661
427445 630
427450 1377
427453 582
427455 1191
427472 250
427479 1191
427483 1193
427487 1032
427490 1381
427499 401
428104 1353
428106 1212
428107 1329
428112 525
428113 1036, 1051
428118 1350
428122 642
428123 872, 901, 906, 917, 934
428128 677
428130 1177
428133 411
428134 1253
428138 454
428145 869
428149 399
428150 449
428153 1164
428159 1011
428164 1013
428168 1438
428169 592
428173 472
428174 561
428183 1422
428184 1467
428187 794
428192 1333
428196 408
428222 631
428281 631
428300 568
428301 666
428305 1377
428316 1490
428317 585
428318 1027
428319 1205
428321 573
428322 588
428323 644
428330 630
428330 1449
428333 1179
428335 1610
428340 1690
428347 1748
428350 630
428351 1646
428355 68
428357 1545
428359 1740
428363 741, 1226
428365 1701
428366 1010
428367 1539
428368 872, 906, 917, 1143
428370 114
428371 1575
428372 1404
428374 1018
428376 706
428378 1603
428379 1047
428381 535
428383 1801
428384 691
428385 568
428387 1575
428388 1331
428391 1685
428392 1182
428396 1686
428399 1463
428445 566
428447 413
428451 630
428452 630
428456 1359
428460 630
428464 630
428466 630
428467 1579
428471 630
428473 1216
428478 1243
428479 631
428481 1277
428484 495
428488 631
428490 1745
428498 631
429001 1563
429008 698
429016 1681
429019 1571
429021 1184
429025 1404

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33 ... 68
38 ... 233
4 ... 1032
46 ... 1571
48 ... 1218
5 ... 630
59 ... 1572
80 ... 1464
85 ... 486
9 ... 630
961040, 1055, 63, 1142
99 ... 1186
03 ... 1430
11 ... 1332
16 ... 206
17 ... 1228
31 ... 42
40..1036, 1051
41 ... 1654
5 ... 424
50 ... 374
51 ... 543
58 ... 506
59 ... 1435
60 ... 794
66 ... 526
69..1034, 1049
72 ... 1219
9 ... 379
91 ... 671
92 ... 1098
93 ... 410
99 ... 1196
9 ... 1318
9 ... 1376
7 ... 1615
... 1282
0 ... 1371
1 ... 1709
4 ... 583
5 ... 1431
7 ... 1221
8 ... 833
0 ... 448
2 ... 527
3 ... 577
4 ... 798, 1346
5 ... 1383
9 ... 1371
1 ... 1047
7 ... 371
9 ... 396
0 ... 708
1 ... 168
6 ... 1816
1 ... 571
5 ... 1701
0 ... 656
2 ... 1532
4 ... 1658
9 ... 1691
0 ... 546
1 ... 1356
2 ... 1817
3 ... 1448
9 ... 1355
4 ... 693
... 1693
9 ... 1740
9 ... 1587
9 ... 762
7 ... 568
9 ... 579
... 630
... 700
... 1683
... 505
... 630
... 630
... 436
... 1757
... 284
... 630
... 630
... 630

42966 ... 22
42970 ... 37
42971 ... 630
42972 ... 438
42987 ... 12
42992 ... 80
42994 ... 630
42995 ... 630
42998 ... 630
430004 ... 217
430009 ... 1573
430012..1031, 1046
430015 ... 1570
430016 ... 680
430019 ... 1182
430024 ... 610
430028 ... 1382
430030 ... 1492
430031 ... 1684
430032 ... 705
430038 ... 1742
430039 ... 1179
4304 ... 631
430040 ... 816
430048 ... 1514
430051 ... 1047
430059 ... 1018
430065 ... 1461
430067 ... 1369
430069 ... 659
430079 ... 1662
4300 ... 1235
430080 ... 660
430091 ... 661
430092 ... 1655
430093 ... 1191
430096 ... 489
430097 ... 657
430102..1035, 1050
430111 ... 424
430121 ... 545
430122 ... 1173
430125 ... 442
430126 ... 677
430127 ... 1432
430128 ... 647
430130 ... 508
430132 ... 1627
430134 ... 499
430136 ... 1814
430137..1036, 1051
430139 1001, 1016, 1023, 1030, 1391
430141 ... 404
430144 ... 586
430146 ... 460
430150..1035, 1050
430151 ... 903
430155 ... 1221
430160 1005, 1042, 1057, 1065, 1075, 1147
430164 ... 1456
430168 ... 695
430174 ... 371
430180 ... 916
430181 ... 1379
430185 ... 391
430189..1035, 1050
43019 ... 631
430190 ... 474
430193 ... 642
430194 ... 684
430195 ... 400
43020 ... 631
43021 ... 1650
43024 ... 1737
43025 ... 631
43026 ... 1373
43030 ... 631
430300 ... 542
430303 ... 583
430308 ... 647
430313..1812, 1821
430315 ... 1610
430316 ... 1196

430318 ... 1659
430325 ... 1531
430334 ... 570
430335 ... 1541
43034 ... 1181
430341 ... 618
430343 ... 592
430345 ... 568
430346 ... 535
430348 1116, 1119, 1123
430349 ... 1623
430350..1126, 1146
430353 ... 1607
430355 ... 1686
430357 ... 1632
430359 1079, 1090, 1092, 1096, 1099, 1144
430363 ... 1616
430366 ... 1539
430369 ... 1801
430370 ... 1329
430374 ... 568
430378 ... 1603
43038 ... 631
430381 ... 1803
430389 ... 1522
430391 ... 615
430392 ... 1115
430393 ... 1661
430395 ... 1692
430397 ... 1228
430398 1808, 1809, 1811, 1813, 1821
43045 ... 631
43055 ... 631
43063 ... 631
43065 ... 631
43066 ... 404
43071 ... 1309
43072 ... 631
43075 ... 631
43076 ... 1596
43081 ... 631
43083 ... 471
43093 ... 631
43097 ... 1726
431000 ... 1370
431002 ... 1557
431003 ... 1454
431004 ... 1492
431021 ... 507
431031 ... 578
431037 ... 661
431038 ... 629
431040 ... 1156
431041 ... 1215
431047 ... 700
431049 ... 1379
431060 ... 667
431069 ... 1374
431107 ... 1543
431073....941, 944, 950, 954, 959
43108 ... 110
431080 ... 1497
431095 ... 333
431096 ... 1684
43110 ... 25
431105..1036, 1051
431113 ... 422
431118 ... 418
431124 ... 884
431129 ... 1744
43113 ... 668
431134..1035, 1050
431138 ... 1557
43114 ... 631
431152 ... 177
431156 ... 1504
431157..1035, 1050
431158 ... 597
431161 ... 939, 943, 953
431163 ... 1220

431165 ... 1638
431170 ... 1506
431176..1035, 1050
431177 ... 1565
431178 ... 1444
431179 ... 1437
431184 ... 1020
431186 ... 689
431188 ... 649
431197 ... 233
431198 ... 595
43124 ... 36
43127 ... 627
431302 ... 1543
431308 ... 568
431309 ... 498
43131 ... 632
431318 ... 448
431319 ... 1602
431321 ... 1382
431322 ... 469
431328 ... 1575
43133 ... 632
431333 ... 1205
431335 ... 1113
431336 ... 1459
431338 ... 1556
431339 ... 1738
431340 ... 571
431341 ... 1334
431342 ... 573
431343 ... 1817
431345 ... 617
431349 ... 1180
431357 ... 676
431359 ... 1325
431363 ... 707
431365 ... 1605
431368 ... 579
431369 ... 1011
431370 ... 1527
431372 ... 683
431373 ... 1812
431374 ... 1624
431379 ... 468
431381 ... 1612
431385 ... 1807
431389 ... 1592
43139 ... 442
431391 ... 676
431394 ... 1543
431395....878, 892, 896, 922
431396 ... 615
431397 ... 1607
431398 ... 566
43143 ... 78
431444 ... 1537
43146 ... 70
43152 ... 632
43153 ... 632
43154 ... 1593
43155 ... 1601
43157 ... 631
43161 ... 550
43169 ... 1758
43173 ... 1729
43178 ... 1509
43185 ... 455
43186 ... 63
43193 ... 631
43194 ... 331
43195 ... 1182
43196 ... 477
43197 ... 631
432004 ... 193
432018 ... 1640
432019 ... 1654
432024 ... 679
432026 ... 758, 772
432035 ... 658
432042 ... 592
432044 ... 1369
432048 ... 1571
432066 ... 1466
43207 ... 632

432077 ... 1512
432080 1001, 1030, 1045, 1059, 1068
432082 ... 422
432090 ... 666
432095..1013, 1021
432098 ... 1185
432099 ... 1519
432102 ... 597
432103 ... 491
43211 ... 632
432112 ... 1746
432119 ... 646
43212 ... 632
432125 ... 1654
432126 ... 444
432127 ... 914
432128 ... 400
432133 ... 1011
432135 ... 1311
432136 ... 447
432139 ... 1011
432140 ... 456
432142 ... 1459
432144 ... 688
432145 ... 466
432146 ... 834
432148 ... 696
432149 ... 1559
43215 ... 468
432151 ... 1432
432153 ... 560
432160 ... 1196
432162 ... 699
432166 ... 1382
432171 ... 457
432175 ... 834
432178 ... 1193
432181 ... 391
432183 ... 1416
432190 ... 426
432192 ... 594
43222 ... 1548
43226 ... 632
432300 ... 614
432302 ... 1561
432305 ... 1605
432306 ... 567
432308 ... 1576
43231 ... 632
432311 ... 723
432316 ... 570
432317 ... 1551
432319 ... 1382
43232 ... 632
432320 ... 389
432324 ... 1330
432327 ... 1644
432328 ... 1801
43233 ... 632
432330 ... 533
432336 ... 1429
432341 ... 1817
432344 ... 1631
432347..774, 1135, 1137
432350 ... 450
432353 ... 1188
432355 ... 578
432356 ... 827
432359 ... 1371
432361 ... 1572
432362 ... 1547
432363 ... 1692
432367 ... 1356
432371 ... 1605
432375 ... 1574
432378 ... 656
432379 ... 795
432381 ... 579
432384 ... 1606
43239 ... 1735
432391 ... 1604
432396 ... 1587
432397 ... 1316
432398 ... 1628

43243 ... 1609
43244 ... 632
43250 ... 632
43251 ... 1745
43254 ... 546
43258 ... 632
43259 ... 652
43260 ... 1681
43264 ... 489
43273 ... 632
43280 ... 631
43286 ... 631
43288 ... 631
43292 ... 1360
43294 ... 631
43299 ... 1187
43300 ... 631
433002 ... 1312
433006 ... 1492
433007 ... 1215
43301 ... 1709
433014 ... 244
433031 ... 658
43304 ... 631
433049 ... 1403
433055 ... 1570
433060 ... 472
433076 ... 1164
43308 ... 632
433082 ... 580
43309 ... 632
433091 ... 255
433095 ... 1187
433100 ... 1814
433105 ... 674
433111 ... 1625
433112 ... 429
433114 ... 1382
433117 ... 415
433119 ... 486
433121 ... 1013
433126 ... 1440
43313 ... 632
433130 ... 1166
433133....878, 891, 895, 920
433134 ... 1312
433136 ... 696
433137 ... 682
433140 ... 1331
433144..1035, 1050
43315 ... 604
433150 ... 1759
433158 ... 1627
433164 ... 1207
43317 ... 1765
433173 ... 1253
433174....721, 724, 728, 730, 733, 738, 788, 792, 797, 801, 806, 815, 818, 822, 826, 837, 840, 843, 846, 873, 877, 879, 883, 888, 894, 898, 902, 907, 912, 918, 924, 928, 934, 937, 942, 945, 947, 950, 955, 959, 963, 968, 1108, 1116, 1118, 1121, 1123, 1145
433177 ... 1511
433179 ... 248
433185 ... 834
433187 ... 1008
433191 ... 388
433194..1069, 1073
433198 ... 492
43326 ... 1171
43330 ... 632
433300 ... 1559
433302 ... 693
433304 ... 1310

433307 ... 1207
433309 ... 1139
433310 ... 1588
433314 ... 1448
433315 ... 685
433317 ... 762, 767
433321 ... 1739
433328 ... 567
433329 ... 189
433330 ... 1802
433332 ... 1049
433334 ... 684
433337 ... 1803
433340 ... 1619
433341 1806, 1819, 1823
433344 ... 1569
433345 ... 1738
433350 ... 1695
433351 ... 1808
433352 ... 1724
433356 ... 1587
433357 ... 1696
43336 ... 702
433360 ... 1695
433363.... 794, 1814
433364 ... 1195
433366 ... 251
433369 ... 511
433373 ... 1816
433375.... 753, 756, 760, 766, 774, 1131, 1133, 1135, 1137
433381 ... 1008
433383.... 822, 1139
433385 ... 1195
433386 ... 1694
433388 ... 577
433392 ... 1587
433397 ... 1414
433398 ... 582
43340 ... 517
43345 ... 47
43346 ... 632
43350 ... 1373
43352 ... 1574
43354 ... 632
43360 ... 68
43368 ... 1754
43372 ... 632
43377 ... 632
43378 ... 1330
43381 ... 332
43385 ... 632
43386 ... 632
43387 ... 126
43388 ... 91
43389 ... 1328
43390 ... 428
43394 ... 396
43397 ... 553
43398 ... 632
43400 ... 1690
434001 ... 1093
434004 ... 1571
434008 ... 53
434011 ... 647
434018 ... 1032
43402 ... 587
434023 ... 1465
434024 ... 1093
434029 ... 1571
434031 ... 576
434053 ... 586
434055 ... 1032
434056 ... 1654
434058 ... 526
434070 ... 583
434072 ... 1480
434074 1071, 1083, 1087
434088 ... 628
434092 ... 628
434093 ... 1185
434094 ... 699

434096 ... 1032
43410 ... 632
434104 ... 474
434105 ... 1622
434106 ... 406
43411 ... 574
434120 ... 538
434124 ... 1757
434125 ... 1013
434126 ... 536
43413 ... 632
434131 ... 1140
434135 ... 405
434140 ... 1165
434141 ... 869
434145 ... 1459
43415 ... 632
434153 ... 1167
434159 ... 606
434161 ... 1178
434162 ... 1511
434164 ... 706
434167 ... 1219
434170 ... 606
434175 ... 1413
434176 ... 403
434179 ... 1520
434182 ... 1552
43419 ... 1730
434191 ... 523
434192..1078, 1098
434193 ... 1511
43423 ... 632
43424 ... 533
434302 ... 601
434305 ... 567
434306 ... 1576
434310 ... 1309
434311 ... 1697
434314 ... 559
434315 ... 1541
434320 ... 1588
434322 ... 1260
434326 ... 1433
434327 ... 1143
434335 ... 1576
434337 ... 1165
434338 ... 1371
434340 ... 615
434343 ... 1311
434345.... 729, 1150
434346..1082, 1144
434349 ... 1404
434351 ... 614
434359 ... 1692
434364 ... 1686
434365 ... 1411
434367 ... 218
434368 ... 69
434369 ... 568
434370 ... 1310
434372 ... 1819
434373 ... 1642
434374 ... 580
434376 ... 689
434377 ... 1010
434378 ... 1817
434380.... 786, 790, 795, 800, 804, 809, 811, 813, 820
434382 ... 1816
434383 ... 580
434384 ... 396
434386 ... 1575
434387 ... 1195
434391 ... 839
434392 ... 1355
434393 ... 1689
434394 ... 489
434395 ... 839
434396 ... 1738
434398 ... 1623
434399 ... 1693
43443 ... 1737
43450 ... 1409

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TESSCO Part Number (SKU) Index

43453 1667
43491 1356
43494 409
43495 1737
435005 1640
435007 509
43501 458
435010 489
435017 754
435022 575
435028 1190
43503 550
435039 1032
435048 1191
435050 1181
435051 564
435055 508
435056..1014, 1021
435060 1002
435062 563
435064 588
43507 83
435071 606
435072 1032
435077 ..... 719, 726, 735
435078 1217
435079 333
43508 473
435090 ..... 755, 759, 765, 769, 773, 1130, 1135
435093 1557
435096 1571
435100 1558
435107 923
435110 232
435143 416
435144 647
435154 1411
435163 595
435135 679
435136 533
435145 674
435151 1309
435152 1692
435158 230
43516 702
435160..1036, 1051
435165 594
435170 1414
435171 917
435175 1497
435177 758
435179 211
435181 1330
435183..1036, 1051
435185 606
435188 452
435189 1416
435191 486
435192..1035, 1050
435193 836
43524 647
435306 568
435308 1631
435309 1193
435310 1631
435313 617
435314 592
435316 616
435319 583
435321 1412
435322 1456
435323 179
435325 813
435327 573
435329 ..... 890, 1346
435331 1192
435333 1558
435334 1626
435335 581
435336 1748
435343 1628
435347 1638
435351 1371
435352 1442
435354 1558
435355 655
435357 1707
435358 1642
435359 1588
435360 671
435361 1614
435362 1129
435363 582
435364 1080
435366 120
435367..1090, 1095
435375 1634
435377 1570
435378 1689
435381 1175
435384 1604
435386 222
435387 1018
435388 678
435389 ..... 721, 724, 727, 729, 732, 737, 787, 791, 796, 801, 806, 814, 818, 821, 825, 836, 839, 842, 845, 872, 876, 878, 882, 887, 893, 897, 901, 906, 912, 917, 923, 928, 934, 937, 941, 944, 947, 950, 954, 959, 962, 967, 1107, 1115, 1117, 1120, 1122, 1141
435390 541
435393 1559
435395 1708
435396 1802
435398 1821
435399 1603
43542 1664
43545 1383
43554 297
43585 1177
43596 561
43597 301
436001 432
436006 1199
436009 1571
436010 1199
436021 1334
436022 707
436034 564
436039 254
436042 606
436044 1571
436046 1600
436052 1645
436057 923
436059 627
436060 564
436065 1438
436066 461
436067 1432
436070 1381
436073 1570
436076 586
436077 584
436078 1177
436083 ..... 892, 897, 922
436094 164
436101 1434
436102 1560
436111..1035, 1050
436119 1440
436120 1212
436126 914
436128 682
436130 ..... 908, 1138
436133 527
436136 506
43614 635
436141 393
436144 1423
436148 1627
43615 1627
436150 1416
436158 421
436165 1388
436166 176
436172 169
436174..1036, 1052
436175 1190
436179 1194
436183 529
436184 871
436185 957
436186 ..... 786, 790, 800, 804, 809, 811
436188 554
436192 958
436194 561
436195 463
436199 696
43620 1196
436219 1639
43626 1728
436300 67
436304 1011
436305 1692
436312 1616
436315 671
436316 1602
436317 656
436324 650
436325 613
436329 1381
436330 584
436333 458
436338 445
436342 656
436345 614
436346 1580
436347 568
436349 1474
436351 1548
436354 1588
436358 1394
436359 1315
436363 1624
436374 1010
436378 1204
436379 1311
436380 1818
436381 1801
436384 1602
436385 1569
436388 480
4363 9 1367
436392 674
436393 70
436394 1816
436397 1604
436399 1553
43641 1568
43646 412
43648 78
43652 623
43659 430
43669 1566
43672 1480
43673 1324
43681 1355
43685 1350
43686 1189
43694 1189
437003 1730
437005 665
437007 482
437010 407
437016 633
437022 ..... 756, 760, 766, 771, 774, 1131, 1135, 1137
437036 1183
437037 507
437039 1403
437048 1662
437050 1214
437051 1253
437053 1175
437058 1558
437067 1047
437070 613
437093 1193
437100..1035, 1050
437107 1489
437110 507
437114 ..... 721, 724, 728, 730, 733, 738, 752, 788, 792, 797, 802, 806, 815, 819, 822, 826, 837, 840, 843, 846, 873, 877, 879, 883, 888, 894, 899, 902, 907, 912, 918, 924, 929, 931, 935, 938, 942, 945, 948, 951, 955, 960, 963, 968, 1042, 1057, 1065, 1108, 1116, 1118, 1121, 1123, 1146
437119 1005, 1041, 1065, 1145
437125 607
437127 1008
437129 371
437136 1437
437146 474
437150 772
437155 411
437156 112
437157 424
437171 1411
437175 1330
437177 543
437179 836
437183 1020
437184 1435
437187 1405
437190 1405
437192 794
437194 527
437196..1036, 1051
437197 534
437198 869
43723 94
43726 90
43727 650
437306 813
437311 1696
437312 1622
437313 844
437314 685
437318 1181
437319 201
437320 249
437324 1710
437325 ..... 785, 789, 793, 799, 803
437330 1211
437331 1551
437336 1818
437337 1192
437340 1195
437341 1574
437345 ..... 720, 727, 754, 769, 787, 791, 805, 809, 812, 814, 821, 832, 845, 893, 933, 999, 1014, 1069, 1073, 1078, 1081, 1125, 1129, 1132, 1134
437348 534
437349 692
437350 1658
437352 1450
437354 1807
437357 666
437358 683
437360..1082, 1144
437361 1693
437362 1627
437365 1612
437366 566
437371 486
437371 1741
437372 1686
437375 1565
437377 1640
437379 691
437388 701
437389 1404
437390 677
437391 1565
437392 574
437394 614
437396 1801
437397 1409
437399 231
43741 1289
43748 1294
43761 1372
43766 1322
43770 1455
43771 574
43778 625
43779 1620
43781 493
43796 1430
43797 1411
438002 1200
438005 1572
438007 387
438008 1571
438009 1465
438014 1465
438017 1573
438027 1428
438034 1374
438039 1570
438053 174
438058 1214
438069 1309
438071 661
438072 648
438077 1433
438078 1628
438081 613
438083 1205
438085 ..... 756, 760, 766, 770, 1141
438087 1572
438090 658
438092 1370
438094 1032
438107 413
438112 129
438115 415
438121 ..... 874, 908, 913, 919, 931, 1138
438126 606
438133 1330
438143 1020
438144 468
438146 1228
438148 110
438149 1197
438155 1331
438159 472
438161 333
438163 ..... 786, 790, 800, 804, 809, 811, 824
438164 1622
438170 1550
438171 1477
438172 199
438176 908
438177 409
438178 1444
438180 1645
438183 411
438185 796
438186 411
438187..1036, 1051
438195 419
438196 1601
438198 588
438222 629
438224 686
43825 1723
43826 458
438301 1193
438305 1685
438308 504
438317 1642
438318 1546
438322 ..... 959, 962
438323 585
438324 1738
438325 1685
438326 1626
438327 462
438330 658
438331 1738
438333 1179
438334 1405
438335 1748
438337 1748
438344 496
438345 1619
438347 1605
438349 999
438352 93
438361 396
438362 375
438367 1602
438370 1402
438371 692
438372 1027
438376 1614
438377 1689
438379 1569
438387 1604
438389 391
438391 708
438392 1741
438394 1690
43850 1324
43859 600
43861 131
43868 1591
43872 1236
43875 1646
43878 1716
43882 460
43883 1486
43887 483
43889 1320
439009 507
43901 632
43902 116
439022 648
439024 666
43903 632
439030 585
439040 1253
43905 1558
439052 1253
439053 252
439058 1189
439065 441
439068 664
439071 1192
439078 1374
439087 897
439099 1256
439102 1585
439104 685
439105 421
439112 682
439114 525
439120 383
439123 1762
439130 1207
439131 415
439134 1189
439136 539
439138 1688
439149 1556
439150 409
439151 954
439152 1381
439158 511
439162 507
439165 1017
439168 1672
439169 142
439173 ..... 943, 956
439174 1486
439175 535
439176..1035, 1050
43918 632
439180 511
439181 1394
43919 632
439193 674
439195 574
43923 632
43927 577
43928 632
439301 1588
439302 932
439315 535
439316 1010
439324 1178
439325 1695
43933 1708
439333 1814
439335 1806, 1820, 1824
439340 1691
439341 1642
439342 1588
439345 1581
439346 1330
439347 587
43935 567
439350 511
439351 1603
439355 1553
439357 1694
439360 1604
439362 1356
439363 448
439366 1010
439372 1539
439374 ..... 998, 1007, 1017
439380 581
439382 586
439387 1553
439393 1577
439394 1690
439396 691
439398 1817
43944 1746
43947 632
43948 1424
43950 562
43953 520
43954 472
43955 632
43959 632
43963 1736
43965 410
43969 632
43971 633
43973 1538
43978 554
43987 633
43990 633
43995 633
43996..1006, 1044, 1058, 1067, 1347
43998 1188
440000 596
440002 564
440010 563
440020 1654
440027 677
440033 613
440036 731
440041 662
440048 694
440056 1017
440063 224
440067 1017
440069 688
440071 1443
440078 1377
440092 1439
440096 1180
440097 660
440099 1556
440107 419
440109..1035, 1050
440115..1033, 1048
440119 1011
44012 547
440121 ..... 751, 765, 770, 774
440125 1573
440126 460
440129 539
440132 686
440135 198
440145..1036, 1051
440149 30
44015 633
440150 544
440151 1461
440152 1330
440159 493
44016 633
440161 1162
440162 424
440163 838
440164 ..... 832, 833, 835, 838, 84 844
440165 513
440166 127
440176 425
440178 1759
44018 633
440195 447
440198 595
440304 1676
440307 1310
440309 1542
440312 1645
440314 1356
440315 650
440322 567
440327 120
440328 466
440330 842
440332 1010
440334 1689
440335 454
440340 391
440343 1605
440344 678
440345 870
440347 1330
440348 1689
440349 205
440350 1228
440351 43
440355 111
440358 160
440365 61
440369 ..... 741, 122
440370 ..... 719, 726, 736, 750, 75 763, 768, 77 785, 790, 79 799, 804, 80 811, 844, 87 892, 896, 90 910, 922, 100 1012, 101 1027, 103 1053, 106 1068, 107

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077, 1081,
083, 1088,
091, 1094,
110, 1120
373 1694
375 1187
377 685
379 388
383 69
389 550
39 530
390 1597
392 702
393 1594
397 679
40 1176
49 296
58 131
67 576
71 1319
75 576
84 1714
87 1175
90 1481
93 479
96 1755
001 1174
003..1085, 1149
004 1180
01 1192
010 1708
013 544
016..1003, 1038
017 658
2 1185
29 657
32 1571
36 ..... 785, 799,
3
39 1640
5 576
51 1271
60 1246
61 694
66 1221
68 1187
72 965
73 370
75 1687
76 1208
86 1510
89 583
91 1422
94 507
96 1221
02..1036, 1051
03 1192
04..1035, 1050
05 735
08 560
0 1355
1..1033, 1048
2..1035, 1050
3 167
6 1381
20 1217
3 1440
4 1062
7 569
9 1366
6 527
9 1350
..... 576
1 404
4 1759
6 1394
9 1253
..... 1723
3 843
5 683
7 610
9 325
3..1078, 1099
0 552
5 406
1 368

441182 1011
441189 421
441190 1477
44126 576
44129 368
44130 576
441300 533
441302 709
441304 1356
441306 568
441310 1179
441313 1162
441317 1522
441318 1565
441319 1189
441321 1370
441326 1142
441329..1129, 1132
441333 682
441334 1604
441344 1642
441346 448
441350 571
441353 570
441357 567
441360 1709
441361 656
441364 210
441366 1371
441367 706
441368 617
441370 677
441373 592
441138 576
441384 1410
441386 ..... 719, 726,
736, 750, 754,
763, 768, 785,
790, 794, 799,
804, 808, 811,
870, 896, 904,
910, 922, 1002,
1037, 1053,
1061, 1068,
1072, 1081, 1120
441387 ..... 761, 767
441388 460
441139 1439
441390 1691
441393 821
441394 578
44146 576
44147 1433
44149 1323
44151 1182
44156 479
44163 319
44164 1439
44165 429
44169 1336
441173 576
441174 1487
441179 576
441185 576
441189 511
441194 1682
442000 576
442002 579
442007 562
442009 670
442014 1183
442022 576
442022 1571
442029 628
442003 431
442032 666
442037 1183
442004 576
442040 1746
442050 1762
442006 273
442066 1370
442067 1640
442069 670
442082 677
442083 1451

442086 628
442089 1194
442095 940
442097 1194
442098 1408
442107..1033, 1048
442111 576
442112 ..... 871, 881,
1150
442113 1437
442116 1309
442117 1163
442118 1331
442120 400
442125 1017
442133 628
442135 1625
442137 688
442142 1193
442144 1440
442146 681
442149 1177
442154 695
442155 1640
442166 455
442170 542
442176 259
442178 919
442183 1421
442190 1757
442191 1373
442194 393
442196..1036, 1051
442300 1125
442305 693
442307 1155
442314 688
442319 692
442322 1310
442323 1644
442326 1017
442328 1366
442332 1685
442334 1194
442340 1686
442341 176
442347 1641
442349 574
442352 1444
442353 1517
442357 1019
442358 1694
442362 202
442366 1483
442367 1019
442368 691
442370 1019
442371 1741
442372 679
442380 1803
442381 686
442385 1010
442386 1741
442389 1738
442390 1685
442391 1560
442392 1310
442393 1811
442394 568
442396 1114
442398 1806, 1819,
1823
44248 325
44250 1164
44273 519
44277 404
44284 474
443000 1047
443002 1432
443003 1437
443004 1571
443005 607
443018 576
443022 1651
443025 207
443030 608

443031 1174
443032 1461
443036 163
443039 68
443042 650
443050 1572
443057 69
443059 1031
443066 584
443082 659
443085 1571
443088 651
443089 628
443091 583
443093 1021
443102 406
443113 509
443117 432
443119 681
443120 1452
443127 120
443128 1654
443130 1437
443133 1381
443136 525
443139 456
443140 457
443145 1440
443147 1207
443148 539
443149 1270
443154 175
443162 1510
443164 646
443165 444
443166 1368
443171 606
443174 391
443175 468
443183 1489
443184 1814
443186 506
443187 506
443195 1253
443278 1188
443300 97
443301 460
443302 201
443303 1448
443305 535
443306 1686
443308 1372
443309 588
443310 533
443315 1410
443319 221
443332 647
443324 1638
443326 1115
443333 1179
443335 1692
443337 1605
443339 1685
443341 1253
443346 1382
443349 1749
443350 1544
443353 567
443354 1802
443356 813
443358 671
443363 588
443364 508
443370 691
443371 1685
443374 1015, 1022,
1029, 1079,
1086, 1090,
1096, 1099, 1144
443375 1325
443376 616
443379 1450
443388 1691
443389 1134
443391 1805, 1819,
1823

443392 413
443394 1821
443395 1280
443396 1694
443399 1819
44346 1728
44368 1764
44370 397
44371 536
44375 1182
44382 608
44388 573
44393 1598
44397 1319
444000 1163
444002 580
444003 ..... 755, 759,
765, 770, 773,
1130, 1135
444010 817
444013 1047
444023 679
444026 667
444038 510
444044 460
444053 658
444055 613
444061 1655
444063 665
444076 445
444084 582
444085 1150
444086 1443
444090 1180
444091 609
444095 1191
444101 919
444104 462
444107 1189
444108 ..... 872, 876,
901, 906, 912,
917, 928, 931,
934, 1143
44411 548
444111 414
444115 1405
444116 1179
444119 674
44412 495
444126 420
444128 675
444131 1173
444132 1627
444135 872
444139 245
44414 1360
444140 458
444141 1382
444142 ..... 725, 735
444169 794
444171 1194
444179 636
44418 1756
444180 1405
444185 392
444189 1484
444192 406
444194 486
444195 1760
444196 528
444197 457
444213 498
44422 1726
444300 92
444303 527
444304 1805
444305 1602
444306..1126, 1150
444310 1690
444311 535
444312 1628
444313 1478
444314 1355
444320 1810
444326 1689
444327..1807, 1809

444329 1024
444333 1608
444341 1193
444343 1672
444344 1607
444352 586
444356 568
444357 1018
444360 1804, 1810,
1813, 1815
444361 691
444364 1436
444365 1605
444367 613
444369 588
444374 1669
444377 694
444378 1575
444380 ..... 739, 798,
875, 890, 895,
909, 920, 1006,
1044, 1058, 1346
444382 1117
444384 1605
444385 647
444386 1080
444388 1025
444392 656
444393 1047
444394 1816
444395 615
444397 1618
444398 1802
44451 413
44452 1687
44479 1271
44490 395
44500 591
445003 1199
445004 510
445027 735
44503 556
445032 434
445037 595
445040 1189
445043 585
445046 1437
445051 647
445052 ..... 722, 734,
739, 752, 771,
789, 793, 797,
802, 807, 819,
827, 838, 874,
884, 889, 895,
899, 908, 913,
919, 925, 938,
942, 946, 948,
951, 956, 960,
964, 969, 1147
445057 457
445058 1198
445061 1047
445064 ..... 785, 789,
799, 803, 808,
810
445066 ..... 939, 952
445072 922
445073 564
44508 399
445082 1572
445084 583
445088 679
445093 1179
445097 1312
44510 1478
445107 1334
445111 477
445112 454
445118 675
445119 1656
445123 405
44513 154
445130 523
445133 1188
445135 679
445137 682

445139..1037, 1052
445142 699
445144 1234
445146 127
445151 449
445152 1162
445156 535
445159 411
445161 232
445174 881
445175..1036, 1051
445176 491
445177 178
445182 386
445183 1543
445195 1416
445196 1633
445199..1036, 1051
44520 320
44522 483
44525 548
445270 629
445303 1312
445305 571
445307 656
445308 709
445310 1000, 1015,
1029
445319 1528
445321 1642
445324 687
445326 535
445327 1748
445329 1801
445331 535
445334 1819
445337 1597
445342 676
445347 1081
445348 674
445350 1756
445352 616
445353 1195
445357 614
445359 1205
44536 1374
445361 1018
445368 122
445372 1823
445374 49
445376 1671
445377 1581
445378 1552
445382 1804
445385 1805, 1818,
1822
445388 678
445396 1205
445397 566
445399 1804
44541 1358
44543 449
44545 437
44549 1747
44552 1184
44560 1317
44561 1376
44564 1176
44572 1415
44584 1358
44589 516
44596 1359
446012 1192
446016 615
446030 1655
446037 1181
446051 606
446058 421
446064 921
446070 1384
446073 1715
446075 1456
44608 1756
446089 658
446090 1639
446092 1704

446104..1036, 1051
446106 1406
446118 1557
446119 1006, 1043,
1057, 1066, 1147
446120 493
446122 1203
446124 893
446126 424
446128 1622
446129 393
44613 1221
446137 1423
446139 1166
446142 380
446148 1460
446151 688
446153 1475
446154 1439
446155 694
446156..1033, 1048
446157 563
446158 808
446165 535
446166 924
446169 488
44617 734
446170 415
446174 1516
446179 1414
446185 688
446188 923
446190 1516
446194..1035, 1050
446197 1455
446221 925
446300 1516
446304 1884
446307 229
446312 1545
446317 1447
446319 1516
446321 1027
446323 929
446325 1623
446326 567
446327 1805
446328 1490
446336 333
446338 1749
446339 600
446345 696
446346..823, 1139
446347 567
446348 1442
446350 534
446353 764
446354 1180
446355 1092
446356 321
446357 581
446358 615
446359 1689
446361 1635
446363 1636
446366 1691
446637 171
446374 578
446378 1817
446379 1641
446382 1447
446384 260
446385 656
446386 1582
446388 682
446389 1659
446639 437
446391 1024
446397 1114
446646 555
44651 583
446662 1653
446668 1747
446672 1428
446674 1376
446676 1175

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TESSCO Part Number (SKU) Index

44693 1350
44695 481
447003 613
447018 680
44702 1389
447021 645
447023 1190
447027 1510
447031 1570
447034 659
447044 610
447046 584
447048 1183
447051 1571
447052 817, 824
447060 586
447061 1481
447062 1572
447064 1188
447065 260
44707 600
447071 1048
447082 1430
447085 1271
447091 679
447095 659
447099 1031, 1046
447105 1560
447109 1673
44711 1358
447114 596
447115 499
447116 681
447122 1487
447125 872
447127 1434
447129 1760
447133 921
44714 1148
447141 1008
447144 1163
447150 681
447159 598
447161 1438
447162 1220
447164 608
447165 486
447167 874, 908, 913, 919, 935, 1138
447170 448
447175 649
447176 374
447179 1437
447181 674
447185 1560
447186 535
447188 1627
447189 959
447191 407
447194 496
447197 463
44720 530
44722 218
44727 1322
44728 437
447303 397
447309 1442
447313 1010
447314 1047
447315 454
447317 1641
447318 753, 756, 760, 766, 774, 1131, 1133, 1135, 1137
447319 1107
447320 1697
447326 1749
447328 1430
447331 1313
447332 1402
447333 191
447336 1618
447341 674
447342 1807, 1809, 1811, 1812, 1821
447345 397
447350 1628
447351 1080
447353 656
447355 583
447358 567
447359 1540
447362 1047
447363 571
447369 566
44737 1376
447371 1531
447374 178
447378 1691
447382 564
447385 1641
447387 1195
447389 1560
447390 684
447392 565
447395 508
447397 1823
447398 454
44760 555
44762 1377
44765 701
44766 479
44773 275
44774 1213
44776 1432
44778 330
44784 549
44785 1743
44791 1598
44796 445
44799 654
448000 574
448002 1451
448003 1183
448006 1180
448008 613
448011 618
448021 508
448022 657
448024 68
448039 1378
448043 1181
448044 436
448046 1196
448048 1655
448057 1684
448062 1432
448064 477
448066 384
448070 667
448072 1177
448074 659
448078 468
448079 1662
448080 1217
448086 660
448101 405
448103 1036, 1052
448109 650
448116 1008
448119 1560
448122 1744
448126 391
448132 914
448133 1036, 1051
448134 415
448135 1757
448139 1034, 1049
448140 1180
448141 1383
448143 1654
448146 689
448147 1437
448150 505
448151 1558
448152 966
448154 526
448155 706
448158 592
448166 511
448167 1544
448169 610
448178 1190
448182 425
448183 1557
448188 1406
448190 1078, 1099
448192 1451
448194 1376
448198 1816
448199 108
44820 1545
448229 1101
448300 650
448302 723
448303 1155
448306 1405
448307 466
448308 1180
448309 572
448313 534
448319 1644
448320 1606
448321 179
448323 1694
448324 1383
448325 1453
448327 1447
448328 1539
448330 1560
448331 1010
448333 1553
448337 1644
448338 1010
44834 1214
448341 1394
448342 416
448343 1148
448344 1805, 1818, 1822
448346 1180
448349 1587
448353 762
448354 1642
448361 1644
448362 1740
448364 1691
448365 1802
448370 1527
448373 1806, 1820, 1824
448374 1659
448377 1821
448383 1693
448384 689
448385 435
448388 1817
448393 586
448395 795
448399 571
44862 1558
44869 1147
44875 1725
44879 526
44882 252
44888 1389
44893 569
44900 1682
449004 578
449016 580
449028 1177
449035 1571
449047 722, 728, 739, 1137
449057 964
44906 629
449061 1379
449062 1149
449063 435
44907 1321
449073 1381
449076 1461
44909 441
449090 1193
449091 921
449093 1214
449094 1458
449102 534
449105 452
449121 231
449125 408
449128 517
449133 400
449138 1460
449144 1412
449145 1627
449151 1187
449156 773
449158 1652
449159 450
449161 1350
449165 1219
449166 1013
449167 1627
44917 1650
449173 689
449174 1747
449176 505
449179 1370
449188 415
44919 1190
449190 221
449197 1178
449225 629
44930 303
449301 1610
449304 1024, 1148
449307 1027
449309 1630
449311 1543
449316 498
449317 690
449318 661
449320 656
449321 1704
449327 1543
449329 1478
449331 1803
449333 795
449341 1658
449350 838
449353 1688
449356 1018
449357 1638
449360 1018
449361 1080
449362 1188
449364 1579
449365 1649
449367 1073
449368 1689
449369 1000, 1029, 1145
449370 1580
449377 1816
449379 1807
449381 533
449384 1019
449385 1817
449386 508
449395 1628
449396 1405
449397 1627
44941 1322
44954 1430
44955 1752
44960 39
44984 1722
44998 1428
450006 1348
450022 1311
450023 1429
450024 816, 823
45003 503
450033 1497
450035 1572
450038 757
450040 552
450041 258
450046 485
450048 606
450058 1572
450061 588
450064 679
450069 1379
450070 1370
450071 1571
450075 330
450089 667
450117 601
450121 690
450122 1746
450124 1022, 1086, 1096, 1146
450128 836
45013 450
450140 1757
450142 1181
450143 1460
450144 1020
450147 391
450148 393
45015 1238
450155 508
450165 198
450178 453
450186 526
450189 1437
450194 1565
450196 1036, 1051
450197 1011
45025 1408
45027 625
45028 1552
45030 466
450300 462
450307 1749
450315 1576
450317 1697
450320 592
450321 588
450322 1643
450323 237
450327 1019
450328 742, 1227
45033 1377
450330 1623
450339 1577
450346 1194
450349 584
450351 1548
450352 1804
450355 1311
450356 568
450362 1689
450367 1642
450370 1574
450372 1617
450373 742, 1226
450375 1804
450376 1816
450379 1070, 1141
450382 1117
450384 1603
450389 1604
450393 1584
450395 1696
45040 1202
45046 1411
45068 1517
45070 1717
45082 1354
45086 1376
45099 1324
451011 679
451014 526
451016 1093
451023 1654
451030 658
451032 750
451045 1746
451047 1084, 1089
451048 1312
451053 1376
451056 581
451062 629
451067 677
451068 658
451071 564
451073 584
451077 443
45108 600
451085 659
451090 1369
451096 1169
451099 1458
451101 642
451105 405
451106 1110
451111 1422
451119 331
451123 908
451126 1417
451133 458
451135 1432
451136 413
451138 376
451142 415
451143 1438
451147 1381
451150 459
451151 405
451153 1489
451154 594
451157 472
451158 833, 836, 839, 842, 845, 1143
451161 493
451163 1438
451167 1560
451169 600
451173 452
451174 1444
451176 480
451178 1422
451182 1035, 1050
451184 667
451185 1405
451187 594
451189 1357
451190 1511
451192 200
451193 688
451194 454
451195 1757
451233 485
451273 466
451279 526
451129 1751
451291 629
451301 1641
451303 1805
451304 1019
451309 566
451310 567
451317 773
451318 1616
451319 1011
451322 1661
451325 1549
451326 655
451327 798
451329 1691
451332 567
451333 1658
451335 1588
451336 1569
451339 572
451341 613
451342 1749
451344 1802
451345 1194
451347 1558
451348 1206
451351 1180
451354 875, 895, 1347
451355 1198
451359 1808
451363 1556
451365 762, 767
451366 615
451367 1019
451372 1569
451374 475
451375 1555
451376 1669
451378 1107
451379 1315
451138 117
451384 1605
451385 1643
451387 1746
451389 1693
451392 473
451393 1749
451395 1807, 1809, 1811, 1812, 1821
451397 1803
451399 1603
45147 253
45176 579
45179 1357
45180 1344
45182 398
45187 597
45190 1168
45193 1742
452006 1372
452007 580
452011 1369
45202 519
452029 469
452033 1571
452036 610
452038 1429
452040 1404
452047 1185
452057 1192
452059 1348
452069 1448
452080 577
452081 661
452082 1409
452088 1189
452098 732
452100 916, 927
452106 682
452107 891
452114 1020
452115 405
452118 1542
452120 1037, 1052
452129 539
452137 1175
452145 605
452146 675
452151 486
452154 446
452156 411
452159 794
452167 1720
452168 1037, 1052
452169 250
452176 1207
45218 152
452180 1435
452186 1489
452189 1033, 1048
452194 406
452196 1111
452197 274
452232 1489
45227 549
452302 1603
452303 648
452305 570
452306 1425
452307 1642
452308 1445
452309 527
452310 333
452311 1356
452314 1577
452316 1602
452319 508
452321 1370
452328 1801
452331 1011
452334 1018
452335 833
452336 1559
452340 1554
452341 1228
452345 574
452348 793
452351 455
452352 1113
452353 542
452356 1219
452357 1628
452358 581
452361 588
452364 551
452365 1689
452368 707
452370 1642
452374 1705
452377 1516
452379 1188
452380 1818
452381 1018
452383 1741
45239 558
452390 1643
452391 704
452394 1382
452395 206
45244 1668
45249 1031
45250 443
45251 599
45257 1419
45265 1346
45289 1565
453000 1715
453003 1571
453009 1432
453010 579
453011 922
453012 760, 766, 775, 1131, 1136, 1140
453013 665
453023 1381
453024 628
453027 1253
453030 506
453031 966
453033 817, 824
453038 1380
453039 657
453043 1449
453057 694
453065 925
453066 1032
453069 585
45307 136
453075 1191
453081 1181
453086 606
453089 1176
453095 333
453098 1261
453099 534
453100 1004, 1040, 1055, 1063
453102 1528
453106 1142
453108 1558
453114 1035, 1051
453121 561
453123 1207
453125 440
453132 1375
453135 1557
453141 1814
453142 1416
453144 472
453147 869, 875, 900, 903, 909, 915, 926, 929, 932, 936, 939, 944, 949, 953,

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58
150..1036, 1051
154 ... 823
156 ... 1760
157 ... 1009
161 ... 1394
163....787, 796,
91, 810
170 ... 1414
173 ... 1097
176 ... 1759
181 ... 1625
190 ... 507
192 ... 234
193 ... 682
198 ... 967
235 ... 1526
24 ... 394
293 ... 1456
300 ... 1608
305 ... 657
306 ... 368
310 ... 1432
311 ... 1660
313 ... 467
314 ... 1669
316 ... 498
322 ... 448
324 ... 870
326 ... 691
327 ... 1596
329 ... 585
330 ... 1618
36... 723, 1150
37 1113, 1114,
46
41 ... 226
42 ... 592
43 ... 546
44 ... 1316
48 ... 1643
50 ... 573
52 ... 795
56 ... 387
57 ... 1816
58 ... 691
63 ... 1614
64 ... 1658
66 1809, 1813,
22
69 ... 1368
7 ... 618
72 ... 1176
76 1005, 1042,
65, 1146
77 ... 1555
80 ... 650
81 ... 577
83 ... 1575
88 ... 1600
9 ... 1658
90 ... 795
97 ... 1605
98 ... 1570
99 ... 1540
5 ... 1752
6 ... 1275
7 ... 1687
9 ... 1687
0 ... 1664
2 ... 1378
5 ... 1187
01..1111, 1120
04 ... 1532
05 ... 1571
12 ... 667
22 ... 628
30 ... 1186
32 ... 257
48 ... 1199
61 ... 1185
65 ... 586
70 ... 576
79 1043, 1058,
66, 1392
32 ... 1728

454084 ... 185
454093 ... 659
454098 ... 1449
454102 ... 406
454107 ... 682
454111 ... 1687
454112 ... 869
454116 ... 174
454117..1036, 1052
454118 ... 229
454119 ... 628
454120..1036, 1051
454123 ... 690
454129 ... 461
454133 ... 682
454135 ... 914, 926
454138 ... 1760
454139 ... 891
454141 ... 457
454145 ... 707
454149 ... 418
454155 ... 421
454156 ... 609
454158 ... 1394
454159 ... 1485
454166....875, 908,
913, 919, 935,
1138
454172 ... 1008
454188 ... 1192
454195 ... 204
454196 ... 477
454198 ... 1376
454199 ... 1440
454227 ... 1371
454425 ... 1273
454300 ... 309
454302 ... 656
454303 ... 578
454305....719, 726,
736, 750, 754,
763, 768, 772,
785, 790, 794,
799, 804, 808,
811, 844, 870,
892, 896, 904,
910, 922, 1002,
1012, 1019,
1027, 1037,
1053, 1061,
1068, 1072,
1077, 1081,
1083, 1088,
1091, 1094,
1110, 1120
454306 ... 1641
454308 ... 1569
454309 ... 498
454310 ... 614
454317 ... 1574
454323 ... 1553
454325 ... 1122
454328 ... 678
454332 ... 1330
454334 ... 999
454336 ... 1200
454337 ... 833
454341 ... 1110
454345 ... 644
454346 ... 1588
454349 ... 1694
454352 1130, 1134,
1152
454353 ... 229
454354 ... 936
454355 ... 656
454357... 909, 1348
454358 ... 566
454361 ... 1669
454362 ... 1421
454365 ... 567
454367 ... 1195
454368 ... 1804
454370 ... 435
454371 ... 1085

454372 ... 1641
454374 1115, 1117,
1119, 1122
454378 ... 1803
454389 ... 1355
454390 ... 650
454392 ... 579
454393 ... 1114
454394 ... 1018
454397 ... 1463
454398 ... 1602
454445 ... 1382
454447 ... 1275
454451 ... 1303
454452 ... 443
454458 ... 1383
454463 ... 480
454464 ... 116
454468 ... 121
454471 ... 246
454481 ... 474
454492 ... 563
454495 ... 663
455001 ... 1192
455028 ... 1655
455035 ... 1377
455037 ... 1002
455040 ... 615
455041 ... 1193
455042 ... 461
455505 ... 516
455063 ... 495
455066 ... 613
455071 ... 1215
455075 ... 519
455079 ... 1191
455090 ... 562
455097 ... 469
455099 ... 1348
455510 ... 1722
455102 ... 591
455103 ... 540
455112 ... 1406
455114 ... 671
455115 ... 921
455121 ... 886
455126 ... 1635
455135 ... 889
455136 ... 1622
455137 ... 1162
455138 ... 1011
455141 ... 1516
455145 ... 689
455160 ... 921
455163 ... 836
455165 ... 1640
455166 ... 1387
455168 ... 447
455169 ... 499
455170 ... 609
455173 ... 1416
455175..1034, 1049
455176 ... 426
455187 ... 1011
455519 ... 1665
455190 ... 517
455522 ... 514
455526 ... 486
455304 ... 584
455305 ... 1616
455306 ... 1576
455307 ... 506
455311 ... 128
455312 ... 1180
455314 ... 568
455315 ... 579
455317 ... 1531
455320 ... 1369
455323 ... 567
455325 ... 566
455326..1033, 1048
455332 ... 1112
455334 ... 1220
455337 ... 1693
455340 ... 1810
455343 ... 1379

455348 ... 184
455349 ... 1697
455351 ... 551
455353 ... 1539
455358 ... 1568
455359 ... 1618
455360 ... 1621
455361 ... 1693
455363 ... 656
455366 ... 1605
455367 ... 1749
455368....820, 822,
827, 1139
455370 ... 1810
455371 ... 1803
455373 ... 1370
455377 ... 1588
455378 ... 1823
455383 ... 1674
455388 ... 1180
455392 1810, 1813,
1815
455394 ... 120
455395 ... 1686
455396 ... 1558
455397 ... 1011
455399 ... 462
455562 ... 509
455570 ... 49
455580 ... 1706
455582 ... 608
455589 ... 545
455591 ... 1765
456001 ... 506
456002 ... 613
456005 ... 687
456006 1071, 1076,
1083, 1087
456009 ... 1199
456011 ... 686
456012 ... 1032
456016 ... 528
456017 ... 1370
456019 ... 295
456026 ... 1722
456031 ... 1458
456035 ... 1417
456038 ... 224
456039 ... 508
456051 ... 1744
456050 ... 824
456060 ... 755
456062 ... 1370
456064 ... 677
456065 ... 677
456068 ... 330
456082 ... 1352
456084 ... 1570
456086 ... 1182
456088 ... 1655
456089 ... 1021
456092 ... 1572
456096 ... 486
456098 ... 180
456099 1000, 1015,
1021, 1029
456101 ... 697
456107..1033, 1048
456109 ... 527
456111 ... 448
456112 ... 1475
456114 ... 452
456119 ... 693
456120 ... 675
456127 ... 1166
456137 ... 1208
456139 ... 1355
456143 ... 587
456145 ... 212
456146 ... 1380
456147 ... 954
456152 ... 68
456155 ... 1411
456157 ... 1189
456160 ... 198
456161..1035, 1050

456162 ... 642
456164 ... 457
456168 ... 1460
456169 ... 1193
456617 ... 1763
456170 ... 506
456173 ... 425
456174 ... 1359
456175 ... 458
456181 ... 1383
456185 ... 656
456186 ... 1744
456188 ... 1370
456190....875, 908,
914, 919, 935,
1138
456192 ... 761
456197 ... 1507
45620 ... 530
456233 ... 1453
45624 ... 1396
45626 ... 561
456290 ... 1381
456301 ... 1702
456304 ... 1310
456306 ... 693
456308 ... 1180
456310 ... 1107
456312 ... 1636
456313 ... 1200
456314 ... 693
456316 ... 1588
456320 ... 413
456323 ... 466
456324 ... 1685
456326 ... 1122
456328 ... 763
456329 ... 676
45633 ... 438
456330 ... 69
456332 ... 1738
456335 ... 1376
456338 ... 466
456341 ... 845
456344 ... 1456
456352 ... 1606
456354 ... 1658
456357 ... 588
456359 ... 926
456361 ... 582
456362 ... 1808
456364 ... 1636
456366 ... 1605
456371 ... 1630
456374 ... 1331
456375 ... 397
456376 ... 194
456379 ... 1069
456381 ... 588
456383 ... 1638
456386 ... 1111
456388 ... 1816
456391 ... 683
456397 ... 1579
456399 ... 688
45642 ... 1599
45666 ... 1700
45667 ... 1756
45685 ... 1321
457003 ... 457
457008 ... 157
457009....875, 899,
925, 1348
45701 ... 1688
457015 ... 665
457021 ... 658
457022 ... 181
457023 ... 1177
457029.... 724, 732,
1140
457036 ... 1417
457038 ... 564
457042 ... 1219
457050 ... 660
457058 ... 615
457063 ... 506

457075 ... 647
45709 ... 1589
457091 ... 577
457094 ... 508
457096 ... 1217
457098 ... 1374
457099 ... 1679
457100 ... 1460
457104..1033, 1048
457116 ... 420
457119 ... 228
45712 ... 1677
457120 ... 1421
457123 ... 1394
457126 ... 685
457134 ... 606
457139 ... 507
457143 ... 371
457156 ... 795
457170 ... 891
457174..1036, 1051
457178 ... 1759
457180 ... 456
457187 ... 529
457191 ... 1207
457196 ... 526
45722 ... 1430
457228 ... 629
45724 ... 651
457300 ... 1519
457301 ... 237
457302 ... 1011
457308 ... 1109
457312 ... 1611
457314 ... 655
457315 ... 588
457317 ... 589
457320 ... 1812
457328 ... 1178
457330 ... 1518
457331....872, 876,
879, 901, 906,
912, 917, 928,
931, 934, 1143
457333 ... 455
457334 ... 1519
457335 ... 1597
457337 ... 929
457343 ... 1024
457344 ... 1553
457346 ... 1695
45735 ... 130
457351 ... 585
457354 ... 105
457358 ... 578
457364 ... 69
457365 ... 683
457370.... 742, 1226
457371 ... 1739
457372 ... 1560
457376 ... 1606
457378 ... 1634
457380 ... 577
457381 ... 685
457382 ... 1565
457384..1069, 1073
457385 ... 1671
457392 ... 1709
457393 ... 1419
457394 ... 592
457395 ... 1661
457397 ... 1580
457399 ... 566
457749 ... 1578
457758 ... 1546
457779 ... 423
457782 ... 651
457794 ... 439
457796 ... 1681
457798 ... 1747
458003 ... 1374
458008 ... 546
458011 ... 1265
458012 ... 628
458037 ... 579
458041 ... 1572

458042.. 998, 1013,
1020, 1024,
1028, 1072,
1078, 1084,
1092, 1094, 1098
458050 ... 1375
458060 ... 510
458065 ... 1629
458068 ... 1418
458807 ... 1195
458082 ... 1191
458083 ... 589
458085 ... 582
458086 ... 1429
458088 ... 68
458097 ... 966
458101....872, 876,
879, 882, 887,
898, 901, 906,
912, 917, 923,
928, 931, 934,
941, 955, 967,
1143
458103 1015, 1022,
1029, 1079,
1085, 1096,
1099, 1142
458104..1033, 1048
458114 ... 1475
458116 ... 372
458118 ... 458
458122 ... 921
458128 ... 1759
458131 ... 1451
458133 ... 128
458139 ... 373
458141 ... 106
458142 ... 835
458147....872, 901,
905, 916, 928
458148 ... 1757
458149 ... 1673
458151 ... 525
458816 ... 512
458160..1078, 1099
458165 1000, 1016,
1023, 1030,
1080, 1086,
1090, 1097,
1100, 1147
458167 ... 1313
458172 ... 463
458174 ... 1652
458176 ... 1489
458178 ... 871
458184 ... 684
458186 ... 477
458188 ... 491
458192 ... 447
458823 ... 1432
458300....872, 876,
879, 882, 887,
893, 898, 901,
906, 912, 917,
923, 928, 934,
1143
458301 ... 391
458306 ... 1607
458312 ... 693
458313 ... 237
458314 ... 1538
458316 ... 1310
458318 ... 568
458832 ... 492
458321 ... 584
458322 ... 1200
458326 ... 1820
458332 ... 795
458333 ... 691
458337 ... 501
458339 ... 1659
458834 ... 451
458340 ... 651
458341 ... 814
458343 1806, 1819,
1823

458344 ... 1749
458345 ... 1603
458346 ... 1691
458347 ... 1402
458349 ... 1445
458354 ... 763
458357 ... 614
458359 ... 615
458360 ... 466
458362 ... 1330
458364 ... 1011
458366 ... 697
458368 ... 615
458374 ... 1616
458375 ... 1433
458376 ... 1685
458378 ... 1019
458382 ... 592
458385 ... 435
458386 ... 1585
458387 ... 685
458388 ... 1165
458389... 823, 1139
458391 ... 926
458396 ... 292
458398 ... 1348
458399 ... 1312
45843 ... 514
45852 ... 1257
45856 ... 1195
45867 ... 521
45876 ... 426
45886 ... 167
45888 ... 438
45895 ... 553
45900 ... 585
459008 ... 628
459023 ... 823
459031 ... 101
459050 ... 1329
459055 ... 1271
459067 ... 584
459068 ... 1475
459078....891, 896,
921
459100 ... 551
459101 ... 1149
459102 ... 1189
459108 ... 527
459114 ... 1560
459120 ... 1438
459134 ... 447
459136.. 999, 1013,
1021
459137 ... 244
459142 ... 391
459149 ... 1416
459159.... 756, 760,
1147
459161 ... 683
459162 ... 482
45917 ... 1747
459172 ... 486
459173..1036, 1051
459175 ... 1207
459178 ... 1219
459180 ... 447
459184..1034, 1049
459186..1033, 1048
459188 ... 197
459191 ... 765, 770
459193 ... 525
459197 ... 1374
459199 ... 413
45920 ... 456
459206 ... 1450
45921 ... 1428
459226 ... 1458
45925 ... 1176
45928 ... 1680
459299 ... 1546
459304 ... 709
459306 ... 650
459309 ... 1205
459310 ... 584
459319 ... 1613

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TESSCO Part Number (SKU) Index

459323 681
459326 1369
459327 1432
459328 161
459332 1553
459333 1756
459335 1520
459339 1738
459341 1685
459343 581
459346 435
459347 1050
459355 674
459357 1817
459359 729
459361 1544
459366 920, 1347
459367 1359
459369 832
459374 1691
459376 1018
459377 1052
459378 1017
459380 420
459384 1580
459388 841
459390 1603
459391 1817
459392 1180
459393 1368
459394 1574
459395 1603
459398 1293
459399 1018
459420 1272
459480 607
459510 1667
459560 599
459630 1341
459670 1734
459710 1761
459720 1273
459740 441
459760 1362
459780 648
459960 1636
459970 49
460040 1176
460060 261
460090 1199
460010 1155
460110 1628
460220 183
460260 659
460290 444
460030 1085, 1095, 1142
460350 1313
460430 1176
460440 685
460450 1391
460470 1555
460480 589
460510 260
460520 1179
460050 1078, 1095, 1099
460700 1438
460710 677
460720 628
460740 679
460780 1087
460800 606
460880 423
460820 688
460105 1036, 1052
460110 921
460160 447
460120 1520
460230 874
460260 480
460270 1358
460280 874, 908, 913, 919, 931, 1138
460340 911
460360 1640
460390 493
460410 1521
460420 1164
460430 1420
460460 1640
460480 561
460500 1438
460510 456
460530 674
460560 1404
460590 409
460630 516
460650 722, 734, 738, 770, 788, 792, 797, 802, 807, 815, 819, 826, 837, 873, 883, 889, 894, 899, 907, 913, 918, 924, 938, 942, 946, 948, 951, 956, 960, 963, 968, 1112, 1147
460680 1013
460690 688
460720 891
460750 1700
460790 502
460800 540
460850 1166
460870 1179
460920 1166
460930 1637
460970 1662
460980 1434
460200 1761
460210 533
460230 1215
460249 1602
460281 1194
460301 333
460303 1805
460306 1749
460309 535
460312 1805, 1818, 1822
460314 1606
460315 648
460319 1702
460324 1521
460325 688
460326 1616
460327 764, 769
460328 1200
460329 1801
460330 492
460330 618
460332 1621
460334 1616
460335 1442
460338 1619
460339 1517
460342 1329
460344 578
460345 764, 769
460347 1705
460350 1324
460351 1814
460352 1819
460354 1628
460356 1544
460358 1137
460360 1660
460368 1738
460369 1604
460371 1574
460373 730
460374 1688
460375 1638
460377 391
460380 155
460384 674
460386 1195
460387 1654
460390 742, 1226
460391 1380
460393 1685
460394 1603
460396 655
460400 1288
460690 1382
460830 668
460850 550
460970 1220
461003 1431
461005 1652
461007 243
461015 689
461023 1199
461029 1240
461036 1381
461041 1047
461042 662
461045 1510
461053 759
461054 444
461066 1271
461075 677
461078 681
461080 1519
461086 1182
461091 693
461092 1440
461095 1493
461100 636
461105 1253
461108 1037, 1052
461113 1035, 1050
461118 906
461121 1654
461122 1036, 1051
461123 758
461129 1020
461131 606
461136 391
461140 694
461143 1601
461144 1490
461145 454
461146 591
461152 1596
461153 697
461156 1378
461160 1766
461162 1411
461167 1423
461171 1636
461173 1207
461174 472
461176 1412
461177 1584
461181 677
461183 1013
461192 1704
461194 403
461197 688
461199 1015, 1022, 1029, 1079, 1086, 1090, 1092, 1096, 1099, 1144
461240 1729
461302 1686
461303 844
461304 589
461305 1155
461307 1602
461308 262
461311 534
461313 1604
461318 527
461319 1804, 1808, 1809, 1811, 1813, 1818, 1821
461320 949
461322 228
461324 1548
461327 1659
461332 691
461333 688
461336 1812
461337 1024
461340 1805, 1818, 1822
461343 587
461348 1008
461349 570
461350 397
461352 1741
461353 1806, 1820, 1824
461361 1584
461364 1548
461366 1560
461367 615
461369 615
461372 614
461373 375
461375 1659
461376 1588
461378 1309
461380 674
461381 1114, 1140
461382 541
461386 1817
461387 1808, 1810, 1811, 1813, 1822
461392 1801
461394 1686
461398 1569
461400 457
461440 570
461460 1724
461490 1176
461500 625
461600 431
461670 1732
461740 407
461760 438
461780 1757
461870 1433
461990 526
462010 507
462011 684
462016 1182
462019 613
462024 707
462031 1190
462036 508
462039 469
462040 516
462055 664
462058 695
462059 423
462065 1176
462071 1459
462078 661
462079 449
462085 1433
462097 1702
462098 1234
462099 1638
462100 459
462104 1033, 1048
462106 690
462108 1036, 1051
462112 1006
462116 545
462119 1760
462120 1107, 1109, 1111, 1114
462121 570
462122 1561
462123 1102, 1139
462125 561
462127 642
462129 689
462130 628
462131 1557
462132 1212
462133 1411
462143 187
462144 1005, 1042, 1065, 1145
462145 1163
462149 843, 1137
462151 541
462157 468
462159 1209
462161 1329
462162 1459
462168 1584
462169 545
462173 1452
462175 833, 834, 836, 839, 842
462176 424
462178 629
462183 1207
462184 650
462185 449
462186 1411
462188 835
462190 202
462191 1435
462194 1753
462197 176
462198 1207
462222 1383
462229 1321
462303 709
462305 94
462308 1179
462311 1738
462316 1371
462320 1418
462321 1695
462324 1180
462325 585
462328 1311
462337 920, 1348
462339 691
462340 1608
462340 1588
462341 1703
462344 388
462347 1814
462354 1739
462356 1132
462361 1604
462362 1627
462370 389
462374 1580
462375 1802
462376 568
462377 1693
462378 1046
462379 582
462380 1592
462383 1578
462386 1605
462390 1804
462392 838, 1137
462393 215
462394 1597
462395 1560
462447 1428
462454 1684
462463 1743
462468 101
462474 1408
462476 1170
462482 394
462487 1323
462494 297
463000 667
463012 1430
463016 1428
463021 659
463023 578
463039 1496
463040 1378
463044 579
463058 580
463060 1454
463062 1571
463070 1047
463075 438
463082 1571
463087 1218
463090 1654
463095 1372
463099 661
463101 1457
463103 1411
463112 1582
463121 570
463122 1422
463123 419
463128 454
463132 1437
463133 1627
463135 404
463136 1744
463139 261
463140 1033, 1048
463145 874
463149 642
463151 574
463156 1404
463175 1194
463178 1814
463184 403
463185 1430
463186 1654
463187 1486
463190 685
463194 1013
463196 1035, 1050
463198 916
463230 1754
463270 1453
463281 1005, 1041, 1056, 1064, 1144
463300 587
463302 322
463308 1410
463309 1606
463310 1614
463314 536
463315 1125
463316 1025, 1028
463318 656
463320 757
463323 1802
463326 1416
463327 1537
463329 1520
463332 566
463335 1050
463336 1031
463338 1696
463339 1613
463343 1575
463346 580
463350 1155
463354 1606
463355 435
463359 1639
463360 674
463363 656
463365 1536
463368 723
463369 1018
463373 180
463374 1541
463375 1624
463378 615
463385 692
463387 656
463390 1588
463392 741, 742, 1226
463395 1801
463398 1748
463400 534
463480 1184
463530 278
463540 1182
463570 592
463660 1586
463730 631
463870 65
463920 1357
463930 1490
463970 1609
463990 1155
464001 157
464011 1181
464012 1432
464014 1218
464019 1374
464026 1429
464028 923
464029 1175
464030 623
464030 1048
464033 577
464038 1356
464040 1380
464053 943, 946, 951, 956, 961, 1138
464055 685
464059 1178
464061 1032
464062 1639
464081 1628
464083 1334
464087 1176
464089 1186
464093 1271
464094 589
464096 1430
464102 1035, 1050
464104 204
464105 251
464109 1515
464110 1177
464121 486
464122 199
464124 1506
464127 1414
464128 794
464132 525
464133 385
464142 451
464145 596
464146 1627
464151 1615
464153 1207
464157 127
464161 525
464169 923
464180 651
464181 1137
464184 869
464191 921
464195 1098
464197 1085
464199 1177
464200 461
464250 588
464300 67
464302 1315
464303 1603
464307 466
464308 1077
464309 321
464314 693
464318 926
464319 1310
464320 458
464326 1806, 1819, 1823
464332 1691
464333 1533
464338 1694
464343 1018
464344 258
464346 435
464348 1617
464353 575
464356 1604
464357 1691
464360 1815
464361 1113, 1140
464363 1689
464364 1660
464366 1604
464367 1578
464368 1581
464369 1749
464373 1802
464376 588
464377 684
464380 539
464381 568
464383 1706
464385 1316
464386 1411
464388 1603
464393 616
464394 1604
464395 889, 919
464397 741, 1226
464400 458
464420 1690
464440 1383
464480 458
464500 455
464550 1556
464530 455
464550 1270
464580 455
464670 519
464720 1374
464740 519
464760 556
464780 461
464860 543
464870 1484
464900 455
464930 1668
465002 1408
465013 1370
465020 399
465020 541
465025 230
465030 461
465034 1572
465040 525
465050 405
465056 482
465064 1442
465066 662
465071 1461
465083 1193
465085 326
465086 629
465089 1177
465095 1180
465099 544
465105 70
465108 1036, 1051
465109 441
465111 260
465113 1423
465115 650
465121 1034, 1049
465125 1419
465128 608
465130 1395
465131 1559
465132 905
465133 660
465135 1034, 1049
465140 1287
465141 647
465146 1452
465147 493
465164 1423
465179 1459
465181 1394
465184 240
465185 1705
465186 385
465188 734
465190 1193
465196 1035, 1050
465210 1375
465220 415
465290 516
465301 648
465308 930
465310 460
465313 895
465318 816
465320 587
465323 177

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5326 1311
5328 614
5329 1141
5334 1805
5338 567
5341 1450
5344 .. 1807, 1808
5345 566
5348 1028
5350 449
5354 763
5363 1180
5368 1544
5371 1603
5372 1635
5373 1815
5378 832
5380 1549
5383 1591
5384 707
5386 1670
5389 ... 909, 1346
5391 1575
5392 656
5393 448
5394 691
5395 681
5398 1694
543 408
552 1432
554 530
556 78
560 1734
565 554
5005 1442
5009 1381
5014 1320
5015 1006, 1070, 1075, 1139
5016 444
5020 659
5032 579
5033 1424
5034 1662
5038 445
5042 824
5045 1439
5046 661
5047 529
5051 1261
5054 1662
5055 628
5062 1253
5065 1175
5067 627
5073 448
5077 1191
5079 469
5084 609
5089 378
509 1413
5090 694
5091 1440
5095 1084
5097 1047
510 886
5104 .. 1033, 1048
5107 .. 1037, 1052
5115 458
5117 1417
5120 421
5123 450
5128 421
5130 1757
5132 607
5137 377
5138 1406
5139 1460
5141 .. 1033, 1048
5143 1166
5145 ..... 756, 759, 765, 770, 774, 1141
5147 1633
5157 1743
5160 610
466162 1444
466163 472
466169 448
466170 1622
466173 1544
466186 1486
466192 1654
466217 1446
466622 1763
466624 1765
466283 629
466630 486
466304 1089
466305 1819
466311 466
466314 1011
466317 1448
466319 1183
466324 1805, 1819, 1823
466327 1689
466329 498
466633 444
466332 480
466334 1088
466338 690
466339 1642
466634 1432
466342 1630
466344 568
466345 1013, 1020, 1024, 1028, 1053, 1069, 1072, 1077, 1081, 1084, 1088, 1094, 1098, 1101
466349 666
466350 1685
466352 1179
466361 1612
466362 1759
466364 1540
466366 1628
466637 602
466372 575
466373 1659
466374 456
466375 763
466378 .. 1804, 1815
466381 1695
466388 1635
466389 588
466391 568
466393 1701
466395 1018
466644 1720
466647 575
466648 70
466653 403
466671 1376
466689 ... 1031, 1046
466692 1682
467000 502
467003 1215
467006 1312
467008 1432
467011 1596
467012 256
467030 1662
467039 434
467040 1439
467050 659
467051 659
467059 586
467069 ..... 753, 762, 767, 771
467078 1040, 1055, 1064, 1142
467079 1374
467091 1164
467100 675
467102 492
467113 827
467117 1600
467121 1560
467122 ..... 721, 724, 728, 730, 733, 738, 788, 792, 797, 801, 806, 815, 819, 822, 826, 837, 840, 843, 846, 873, 877, 879, 883, 888, 894, 898, 902, 907, 912, 918, 924, 929, 935, 938, 942, 945, 948, 951, 955, 960, 963, 968, 1108, 1116, 1118, 1121, 1123, 1145
467123 1220
467125 1429
46713 1360
467130 .. 1035, 1051
467131 1501
467141 1004, 1041, 1056, 1064, 1070, 1074, 1144
467146 1011
467147 1622
467152 595
467153 1760
467157 1414
467163 1151
467166 408
467167 762
467171 ..... 756, 766, 771, 1137
467174 99
467177 1459
467178 1622
467180 1484
467184 1377
467186 ..... 803, 807, 1139
467187 1015
467190 1440
467194 1003, 1038, 1053, 1062
4721 1380
467301 566
467309 498
467311 596
467312 535
467316 696
467317 584
467319 1014
467320 1805
467325 1801
467329 1587
467330 ..... 741, 1227
467331 1642
467336 1614
467340 108
467341 841
467343 1568
467345 1708
467346 179
467349 1372
467351 581
467353 ..... 722, 725, 728, 730, 734, 738, 788, 792, 797, 802, 807, 815, 819, 822, 826, 837, 840, 843, 846, 873, 877, 879, 883, 888, 894, 899, 902, 907, 913, 918, 924, 929, 935, 938, 942, 945, 948, 951, 956, 960, 963, 968, 1108, 1116, 1118, 1121, 1123, 1146
467354 1623
467358 615
467360 1695
467363 ..... 720, 727, 755, 769, 773, 787, 791, 805, 809, 812, 814, 821, 832, 842, 845, 893, 927, 933, 999, 1014, 1025, 1028, 1069, 1074, 1078, 1082, 1089, 1092, 1126, 1130, 1133, 1134
467368 1018
467370 534
467371 683
467375 616
467376 1588
467377 836
467380 1604
467381 1604
467382 1614
467389 579
467390 795
467392 685
467396 702
467397 1597
467399 1210
46742 394
46744 369
46748 1476
46773 1218
46775 544
46783 523
46796 496
468001 489
468027 445
468032 1458
468036 1047
468037 1403
468039 432
468041 ..... 723, 731
468042 1370
468043 526
468052 595
468056 1383
468059 1586
468064 1443
468078 1655
468084 1186
468085 1489
468089 197
468096 661
468099 965
468111 1008
468113 1511
468114 385
468117 1485
468124 .. 1033, 1048
468128 1627
468131 1017
468132 408
468133 496
468134 690
468138 ..... 878, 893
468140 1627
468145 419
468147 1020
468149 384
468151 1416
468155 407
468160 450
468163 1440
468168 407
468172 1560
468178 383
468181 .. 1034, 1049
468184 1557
468187 391
468189 1491
468191 732
468192 451
468194 628
468197 200
468242 1194
468264 680
468300 1631
468304 1438
468305 1536
468313 1050
468314 1518
468315 1627
468318 223
468325 1432
468329 235
468332 1803
468333 319
468334 1580
468339 930
468342 1621
468347 1433
468349 1805
468350 1226
468352 1686
468359 585
468360 1645
468361 595
468362 1807
468363 1695
468366 1587
468367 699
468375 1695
468376 588
468377 1689
468379 1808, 1809, 1811, 1813, 1815, 1818, 1821
468382 1600
468383 1073
468385 229
468386 1806, 1819, 1823
468390 1802
468391 ..... 757, 835, 838, 841, 885, 915, 930, 965, 1081, 1098, 1115, 1117
468393 1132
468394 578
468395 1663
468396 1603
468398 1588
46844 1728
468449 534
46864 1374
468666 1762
468669 530
468683 1353
46891 1599
469001 627
469002 552
469004 1722
469005 482
46901 1615
469023 1189
469026 432
469029 1571
46903 1719
469034 677
469045 562
46906 529
469060 1191
469061 658
469063 585
469066 1377
469067 1191
469075 659
469080 1351
469082 658
469086 1176
469088 1047
469102 1102
469104 419
469108 1167
469109 .. 1033, 1048
469110 .. 1033, 1048
469114 594
469115 545
46912 71
469121 645
469123 1560
469124 526
469129 1727
469138 1414
469139 957
469140 105
469147 .. 1035, 1050
469148 1557
469151 1193
469152 1011
469153 1253
469154 1434
469155 1166
469158 1020
46916 1759
469160 405
469161 455
469162 373
469163 1011
469171 .. 999, 1014, 1021
469175 1435
469179 491
469180 406
469183 1416
469190 486
469269 686
469275 1447
469304 581
46931 1727
469310 244
469314 1607
469319 413
469323 1691
469326 1610
46933 57
469333 1739
469334 1579
469338 1212
469339 1520
469340 534
469342 1310
469345 649
469346 .. 920, 1348
469347 1537
469349 477
469352 1155
469353 1628
469354 681
469362 105
469364 678
469365 1623
469366 93
469367 1643
469368 1548
469372 1801
469374 1807
469375 1188
469378 1052
469379 1330
469382 1077
469383 435
469388 .. 1126, 1140
469389 1696
469395 1613
469396 1632
469397 1381
469398 579
469399 1569
46942 1375
46950 1688
46955 1703
46957 1285
46971 435
46978 1687
46982 382
46984 82
46988 1244
470008 261
47001 547
470010 434
470025 1432
470042 628
470044 1191
470045 940
470048 ..... 787, 791, 796, 801, 805, 810, 812, 817, 825
470060 1178
470065 509
470066 1215
470070 1175
470073 1001, 1030, 1045, 1059
470085 659
470092 461
470099 629
470108 .. 1036, 1052
470109 511
470110 1516
470116 467
470121 1590
470122 1411
470131 1634
470132 681
470135 458
470140 1411
470141 393
470146 425
470147 177
470149 874
47015 1381
470159 1017
470162 841
470164 1557
470166 697
470175 461
470184 ... 969, 1138
470189 1414
470194 1406
470195 1313
470196 537
470198 1688
47020 518
470241 477
470301 1411
470310 1544
470312 1588
470319 1565
470322 1178
470322 156
470326 1579
470333 644
470334 589
470335 613
470336 1804
470337 1442
470339 1205
470342 501
470344 1574
470346 567
470350 1812
470353 681
470354 1597
470355 218
470357 1125
470358 1587
470362 674
470364 1544
470366 1629
470368 613
470369 1564
470370 1356
470371 1693
470377 1310
470380 1696
470385 1690
470387 1749
470388 926
470389 1537
47039 1267
470392 566
470393 1693
470395 1210
470396 196
470397 1178
470398 1644
47050 1188
47059 566
47062 1341
47064 504
47086 134
47087 561
47090 1553
47099 1354
471000 1199
471003 ... 966, 1149
471004 1403
47101 1257
471012 628
471022 1047
471024 627
471026 606
471028 1194
471030 494
471032 921
471033 953
471035 1571
471036 1219
471041 595
47105 1673
471053 468
471055 1332
471059 1017
471060 1348
471068 581
471070 1404
471079 1653
471084 1093
471092 1441
471099 1571
471104 1166
471105 453
471106 1008
471111 1220
471110 415
471117 405
471123 525
471126 623
471113 1766
471131 1164
471132 869
471133 551
471135 1444
47114 1464
471140 526
471144 1008
47115 1755
471155 627
471158 .. 998, 1003, 1013, 1020, 1024, 1061, 1069, 1072, 1077, 1084, 1088, 1092, 1098, 1101
471166 ..... 764, 768
471168 378
471177 1321
471185 1435
471187 1422
471189 593
471191 675
471193 683
471198 1193
47120 276
47127 1395
471301 466
471304 1372
471306 1659
471309 1709
471311 1198
471312 1549
471313 1520
471321 1555
471324 891
471325 1178
471327 1814
471329 697
471330 1483
471332 1369
471335 1523
471336 542
471340 519
471341 1660
471344 203
471345 1553

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TESSCO Part Number (SKU) Index

471347 1643
471351 1025, 1082, 1144
471355 564
471358 1803
471363 1605
471364 435
471365 1110
471367 180
471370 1189
471372 683
471376 1117
471377 692
471378 683
471379 1624
471382 1577
471384 1597
471385 686
471387 1814
471389 1210
471392 1573
471393 1569
471394 1801
471396 795
471397 1816
471399 568
471144 553
471155 402
471166 1727
471169 1182
471170 1428
471174 1177
471180 195
472005 1199
472006 1139
472011 693
472022 476
472026 1403
472028 659
472031 251
472036 1572
472046 577
472047 658
472069 1479
472071 1438
472092 1178
472094 552
472100 ..... 793, 802, 807
472101 1423
472102 406
472103 820
472106 1461
472115 1543
472119 .. 1033, 1048
472120 509
472121 .. 1036, 1052
472125 1317
472131 1440
472137 1507
472138 1009
472142 587
472151 491
472152 1459
472158 1008
472167 1444
472169 199
472170 592
472171 407
472176 472
472177 454
472178 1500
472181 1207
472186 421
472188 526
472190 .. 1035, 1050
472191 1086
472194 1653
472196 385
47220 1329
472306 1606
472317 1092
472319 97
472320 491
472322 1310
472324 1477
472325 580
472328 1602
472329 1368
472330 1008
472332 725
472333 1052
472334 1295
472335 1228
472337 1708
472344 1180
472347 568
472348 572
472349 1612
472351 614
472352 1623
472353 1691
472357 1817
472358 795
472362 691
472363 1686
472369 1356
472370 650
472371 1540
472373 1474
472375 578
472379 1805, 1818, 1822
47238 42
472380 1195
472381 1693
472382 ..... 937, 941, 944, 950, 954, 959, 962, 1142
472383 665
472385 1812
472388 ..... 719, 726, 736, 750, 754, 763, 768, 794, 800, 804, 808, 811, 870, 896, 904, 910, 922, 1002, 1037, 1053, 1061, 1068, 1072
472389 571
472392 533
472395 1180
472396 1569
472397 .. 1807, 1808
472398 1478
47246 1716
47252 518
47258 482
47267 540
47268 1465
47270 501
47274 1432
47280 297
47283 616
47287 1431
47289 1185
47300 537
473008 1190
47302 1342
473021 552
473023 1596
473027 1573
473030 1514
473035 1181
473045 195
473052 1489
473064 1183
473066 461
473068 1333
473071 1334
473072 1626
473077 658
47308 1163
473080 ..... 785, 789, 794, 799, 804
473084 ..... 798, 803, 807, 812, 1139
473089 1442
473099 608
473108 1013
473117 1452
47312 436
473122 1414
473133 1490
473136 506
473152 332
473156 1438
473158 492
473159 1404
47316 1163
473160 1348
473163 1652
473165 1557
473167 ..... 754, 757, 764, 768, 772, 1129, 1134
473171 1486
473177 ..... 906, 1141
47318 1379
473185 1520
473188 1011
473189 1645
473254 1102
47326 624
473264 1379
473300 577
473303 1178
473304 1749
473305 615
473307 1371
473309 309
473314 1553
473316 1186
473322 1801
473324 1543
473325 1445
473327 1803
473328 592
473329 1575
473331 452
473332 455
473334 201
473335 587
473338 1659
473339 1643
473340 568
473341 1609
473343 1590
473352 1155
473355 1807, 1809, 1810, 1812, 1817, 1821
473356 1560
473359 1660
47336 442
473361 533
473362 1811, 1812, 1814, 1821
473365 1644
473366 566
473367 1241
473369 592
473370 1592
473371 1521
473375 1815
473378 870
473379 167
473381 1025
473382 1811
473386 1690
473389 1592
47339 1201
473390 1658
473393 1552
473397 1803
473398 893
473399 1577
47357 1364
47373 1728
47374 518
47386 1364
47391 1321
47393 569
47395 1217
474006 1465
47401 429
474017 1655
474024 665
474032 658
474034 1181
474039 613
474041 259
474048 606
474069 243
474070 1179
474081 1757
474084 507
474085 1758
474086 1047
474087 435
474097 1374
47410 1175
474101 1020
474102 480
474106 1192
474108 449
474114 414
474117 1459
474120 508
474123 413
474134 466
474137 489
474140 1380
474142 458
474144 448
474145 ..... 881, 885
474148 1405
474149 1485
474151 670
474161 1009
474163 552
474165 1207
474166 458
474167 181
474171 1440
474174 1634
474176 687
474182 1207
474183 592
474190 526
474192 1253
474195 404
474198 1383
474228 .. 1102, 1144
474302 1605
474303 1554
474308 1556
474313 1579
474314 1608
474432 1263
474323 1802
474324 1313
474325 ..... 720, 726, 736, 750, 754, 763, 768, 772, 786, 790, 794, 800, 804, 808, 811, 813, 844, 870, 892, 896, 904, 910, 922, 1002, 1012, 1019, 1027, 1037, 1053, 1061, 1068, 1072, 1077, 1081, 1083, 1088, 1091, 1094, 1110, 1120
474326 1602
474327 577
474328 1686
474337 1816
474338 1011
474340 656
474341 449
474349 1555
474351 1325
474353 1575
474354 1539
474357 688
474358 608
474361 1556
474363 167
474366 926
474370 1290
474371 1623
474375 446
474377 ..... 937, 947, 949, 959, 962, 1102
474378 656
474381 1807, 1809, 1811, 1813, 1821
474382 1008
474383 1432
474385 1575
474388 1622
474439 451
474392 578
474393 585
474396 1603
474397 1450
474398 1604
474399 568
474444 399
474453 1732
474462 1614
474467 428
474479 1252
474480 1484
474488 335
474496 1428
475001 684
475004 688
475006 1443
475009 1199
47501 501
475020 1490
475022 1150
475024 584
475036 510
475037 658
475040 1000, 1015, 1023, 1029, 1079, 1086, 1090, 1096, 1100, 1147
475043 1570
475047 1654
475048 1002
475050 578
475053 594
475059 ..... 753, 761, 1391
475063 601
475068 686
475076 667
475508 1432
475083 1062
475100 459
475110 1188
475111 1414
475120 1207
475126 534
475128 194
475130 1378
475143 415
475150 1720
475154 1378
475160 1167
475164 410
475167 136
475172 1012
475173 595
475175 1627
475176 1003, 1038, 1053, 1061, 1073
475182 1563
475183 1022, 1086, 1096, 1145
475188 1313
475191 .. 1035, 1050
475195 601
475196 460
475197 601
475220 447
475300 1019
475301 693
475304 1749
475308 644
475309 568
475310 448
475313 1823
475314 580
475315 1190
475319 1553
475321 535
475323 1738
475324 1134
475327 1669
475328 692
475333 1649
475334 655
475335 .. 1808, 1809
475336 1122
475338 1749
475346 1605
475348 1011
475349 ..... 762, 767
475352 707
475354 1539
475356 1644
475357 574
475358 467
475362 1316
475367 546
475370 614
475373 1540
475375 676
475377 1547
475538 1498
475380 473
475381 1539
475383 1155
475388 1577
475393 1558
475394 ..... 773, 841, 927, 1025, 1028, 1089, 1092
475398 550
475566 1742
475568 1717
475574 1674
475592 485
476005 1639
476007 450
476008 679
476012 551
476015 1639
476017 1654
476019 1047
476024 1572
476025 1177
476035 661
476036 696
476039 ..... 943, 946, 951, 956, 961, 1138
476043 1480
476044 1479
476048 758
476051 507
476055 613
476606 593
476062 586
476076 1441
476085 1577
476092 163
476098 374
476099 1697
476102 1149
476103 1167
476612 62
476123 509
476126 410
476131 681
476136 1182
476138 232
476139 1444
476142 647
476148 1504
476149 500
476615 1589
476150 1005, 1042, 1065, 1145
476152 1452
476156 566
476160 1757
476161 491
476168 1215
476169 1557
476172 1423
476173 593
476174 575
476179 .. 1036, 1051
476184 600
476196 574
476197 ..... 755, 759, 765, 770, 1130, 1135
476199 1416
476200 1447
476217 1511
476248 629
47629 544
476300 1180
476302 1676
476307 1372
476309 704
476312 1632
476313 1588
476314 566
476315 689
476322 1575
476323 1632
476327 1631
476330 1805
476331 763
476332 1817
476334 1432
476336 1704
476339 1478
476343 1816
476345 ..... 904, 910, 915, 933
476357 1456
476359 1312
47636 63
476367 1691
476368 589
476369 1556
476370 1600
476375 1691
476379 926
476383 393
476384 1806, 1819, 1823
476385 1024
476387 1533
476388 1587
476391 568
476392 1450
476395 613
476396 457
476397 1047
476398 1452
47640 1388
47645 296
47648 1155
47652 623
47653 293
47674 685
47678 1286
47689 1434
47700 513
477008 1062
477010 260
477020 1408
477022 1438
477027 1479
477031 1187
477032 582
477051 627
477053 610
477057 1558
477073 1084
477076 658
477077 1377
477085 469
477106 .. 1035, 1050
477131 ..... 736, 805
477135 485
477138 176
477140 798
477141 677
477147 406
477148 1207
477149 1163
477157 449
477159 486
477162 1375
477171 .. 1033, 1048
477172 1511
477174 ..... 874, 908, 913, 919, 931, 1138
477181 690
477198 332
47721 1373
477231 686
477234 629
477300 ..... 878, 892, 896, 922
477305 1311
477306 693
477309 .. 1090, 1141
477310 1311
477313 587
477314 1548
477315 648
477318 ..... 871, 876, 900, 904, 911, 915, 927, 930, 933
477323 1585
477327 1309
477328 1607
477333 ..... 742, 1226
477334 1641
477335 1578
477336 1812
477337 195
477343 1558
477345 582
477347 1092
477349 309
477351 1806, 1820, 1824
477352 591
477359 1621
477360 1411
477363 1820
477365 1381
477368 454
477372 1091
477376 1801
477379 691
477380 1382
477381 570
477383 1204
477384 1211
477387 1739
477388 729
477390 1621
477395 1588
477759 1517
477763 1337
477768 575
477773 649
477788 1456
478007 1653
478010 256
478012 1032
478022 666
478023 1032
478027 1178
478032 595
478035 940
478036 1708
478038 241
478041 731
478044 629
478053 210
478056 1580
478073 1210
478078 164
478084 670

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089 1189
096 1179
10 336
111 447
114 511
117 468
120 795
123 461
125..1035, 1050
126 1557
130..1035, 1050
136 1652
137 470
138 ..... 939, 943, 53
139 1151
14 1288
145 545
152 195
153 1437
154 370
155 1008
158 836
161 1506
170 1633
18 1318
180..1036, 1051
181 457
190 ..... 719, 735
191 957
192 1436
199..1015, 1022
22 398
244 1527
25 1700
271 468
300 1690
303 680
305 1702
306 1617
312 1575
313 1325
316 651
317 1011
325 584
326 696
329 571
330 122
331 1749
332 1111
336 1616
339 400
341 1178
344 568
347 588
52 1816
53 1808, 1809, 1811, 1813, 1818, 1822
54 1627
55 577
56 674
59 566
60 ..... 958, 962
66 1817
67 1178
70 567
71 1402
77 1617
82 1555
83 1581
84 579
85 1689
89 259
92 614
93 205
94 568
98 1697
99 1018
3 1755
8 1413
9 488
4 578
8 1765
9 486
0 392

47882 395
47890 1179
47893 1186
47896 575
47897 1701
47898 1720
479008 1348
479011 680
479014 578
479028 1381
479035 242
479038 1627
479048 1424
479055 1572
479057 1002
47906 1661
479061 1002
479063 551
479067 585
47907 38
479074 1430
479076 1176
479080 1193
479087 562
479088 1390
479090 1239
479094 415
479100 880
47911 456
479111 462
479112..1035, 1050
479119 684
479121 405
479124 595
479129 1560
47913 430
479130 692
479131 1627
479133 1662
479136 921
479137 1475
479138 1313
479139 539
479140 371
479143 1370
479146 494
479147 794
479148 230
47915 1213
479155 189
479158 466
47916 476
479160 921
479166 411
479167 1166
479169 649
479172 177
479173 1414
479178 1098
479180 551
479181 1013
479183 393
479184 1459
479186 1163
479191 392
479192 ..... 720, 726, 736
479198 511
479199 1009
479250 468
479300 1474
479304 592
479305 587
479306 1325
479309 1641
479312 1690
479314 165
479316..1013, 1021
479317 813
479319 567
479320 692
479321 685
479324 1642
479328 1027
479333 1746
479339 1490

479342 656
479345 1555
479349 1694
479351 568
479353 1077
479354 1597
479356 1555
479358 578
479359 1579
479361 578
479366 729
479367 1579
479368 1117
479369 1739
479373 426
479378 1820
479381 1646
479383 1370
479385 1555
479386 1211
479390 1546
479391 566
479394 616
479395 1180
479397 1210
479398 1549
479399 1588
47942 1183
47943 1458
47955 178
47970 1379
47990 503
47999 1290
480002 603
480003 247
480005 69
480007 489
480011 1382
480012 548
480014 1618
480023 600
480024 1175
480036 1354
480042 706
480044 1378
480046 68
480057 659
480059 169
480062 1379
480064 426
480072 508
480073 330
480077 410
480081 922
480083 1176
480099 1194
480103 456
480105 1008
480111 1377
480112 1467
480113 1331
480119 415
480121 921
480127 1482
480128 1309
480131 381
480143 1702
480145 1753
480147 603
480148 1223
480152 651
480161 421
480162 1381
480167 234
480174 535
480175 1426
480176 645
480183 378
480184 1444
480187..1035, 1051
480189 1419
480194 403
480195 1013
480196 390
480197 458
480198 ..... 786, 790, 800, 805, 809, 811

480303 475
480305 1221
480306 1006, 1044, 1067, 1071, 1075, 1347
480309 1329
480312 616
480313 930
480315 1447
480317 1610
480321 1520
480322 1539
480324 259
480328 1561
480329 678
480331 1621
480334 1644
480339 684
480342 457
480344 691
480347 1548
480352 613
480354 1642
480356 ..... 722, 728, 739, 1346
480359 1562
480361 1018
480364 216
480365 1115, 1117, 1120, 1122
480366 1585
480367 449
480370 1011
480372 1011
480373 1448
480375 1816
480376 1624
480381 1003, 1013, 1020, 1028, 1038, 1053, 1061, 1069, 1072, 1077, 1088
480383 615
480389 1386
480392 1017
480394 617
480397 1672
480399 396
480402 1722
480403 1722
480405 1724
480501 1363
480555 1722
480667 514
480700 456
480721 1722
480791 1722
480831 1722
480931 1683
480941 565
481004 1571
481008 613
481009 489
481016 1222
481020..1031, 1046
481023 1571
481024 1390
481026 1047
481029 183
481033 613
481047 618
481058 698
481060 ..... 733, 737, 818, 825, 882, 887, 898, 941, 955, 1142
481061 1687
481067 1324
481081 242
481082 680
481089 1510
481091 458
481092 659
481092 370

481097 1494
481103 1653
481104 ..... 886, 1149
481109 892
481111 574
481115 674
481116 1460
481119 227
481121 1410
481123 468
481133 1313
481134 1460
481135 603
481139 872
481144 540
481151 1451
481155 689
481156 1557
481160 958
481161 1450
481168 574
481170 1423
481172 1622
481176 1762
481177 461
481178..1035, 1051
481182 1008
481184 1680
481185 683
481187 529
481188 485
481194 457
481195..1036, 1051
481301 1608
481302 1574
481303 237
481305 155
481306 1740
481309 1312
481311 438
481313 1608
481314 1310
481316 900
481318 243
481320 1686
481321 566
481322 689
481325 1631
481328 1544
481333 1722
481335 615
481337 194
481340 1618
481342 657
481343 255
481346 1577
481354 1205
481359 567
481361 131
481362 1011
481364 1669
481368 1739
481369 1644
481374 1702
481374 ..... 720, 726, 736, 750, 754, 763, 768, 772, 786, 790, 794, 800, 804, 808, 811, 844, 870, 892, 896, 904, 910, 922, 1002, 1012, 1019, 1027, 1037, 1053, 1061, 1068, 1072, 1077, 1081, 1083, 1088, 1091, 1094, 1110, 1120
481377 1685
481380 582
481385 1801
481387 1192
481388 1821

481392 1603
481396 ..... 755, 759, 765, 769, 773, 1135
481399 1411
481421 1720
481461 1720
481501 1707
481521 1717
481551 1720
481571 1685
481591 1720
481651 1761
481661 1720
481681 406
481761 1720
481911 1388
481931 1720
481941 457
481991 1678
482002 1571
482004 1308
482008 679
482009 226
482010 694
482013 1430
482018 1186
482020 578
482029 695
482031 1455
482035 596
482039 1191
482041 578
482044 685
482046 164
482047 1370
482054 1439
482060 1193
482069 1369
482075 1179
482077 1194
482084 1662
482085 469
482087 628
482091 1656
482092 1430
482093 680
482104 450
482109 841
482113 467
482115 834
482116 508
482123 449
482131 1757
482130 695
482135 1416
482136 1425
482138 423
482140 647
482141 699
482146 1475
482151 1383
482154 332
482158 1443
482161 835
482167 1501
482170 517
482171 1478
482177 1330
482185 454
482188 1460
482191 1422
482196 ..... 870, 875, 900, 904, 910, 915, 926, 930, 933, 940, 944, 949, 953, 958
482199 472
482227 1687
482308 1198
482315 1749
482316 1587
482318 1329
482319 1576
482320 90
482321 1645

482326 1542
48233 488
482332 1693
482335 440
482336 1820
482337 1816
482339 1630
482343 1179
482344 1691
482349 589
482353 926
482355 ..... 720, 727, 755, 769, 773, 787, 791, 805, 809, 812, 814, 821, 832, 842, 845, 893, 927, 933, 999, 1014, 1025, 1028, 1069, 1074, 1078, 1082, 1089, 1092, 1126, 1130, 1133, 1134
482358 1605
482360 1532
482361 ..... 820, 822, 827, 1139
482363 1477
482366 1196
482367 1592
482371 1320
482372 1560
482377 926
482378 1211
482379 455
482382 1574
482388 1219
482389 ..... 720, 726, 736, 750, 754, 763, 768, 772, 786, 790, 794, 800, 804, 808, 811, 844, 870, 892, 896, 904, 910, 922, 1002, 1012, 1019, 1027, 1037, 1053, 1061, 1068, 1072, 1077, 1081, 1083, 1088, 1091, 1094, 1110, 1120
482390 1821
482393 1011
482394 687
482396 566
482397 435
482411 1420
482561 449
482661 1350
482721 496
482791 371
482851 706
482881 1266
482921 430
482991 1676
483004 594
483008 1377
483010 447
483015 653
483021 1442
483037 686
483038 647
483039 1589
483056 564
483066 1433
483071 ..... 940, 953
483077 83
483079 ..... 998, 1007, 1017
483081 476
483082 1570
483087 1391
483088 1187

483109 ..... 943, 952, 957, 961, 1140
483110 447
483114 600
483115 540
483127 444
483128 1653
483131 914
483136 ..... 761, 767
483137 1452
483138 1460
483142 452
483144 1430
483145 916
483147 389
483154 538
483155 502
483157 1757
483158 1515
483166 739
483171 1475
483172 1485
483174 1012
483175 525
483179 1020
483180 429
483183 410
483185 403
483190 689
483191 455
483195 642
483301 1631
483303 1656
483307 1749
483308 190
483309 1027
483311 1659
483312 567
483315 1541
483316 1544
483320 1669
483321 1694
483326 1070, 1075, 1139
483328 601
483329 592
483331 1325
483333 1686
483336 1642
483346 1182
483348 1689
483350 614
483353 1415
483354 1686
483355 1606
483357 449
483358 1741
483359 1371
483361 561
483362 1019
483364 1806, 1820, 1824
483365 ..... 832, 1152
483369 1011
483371 1823
483372 642
483376 1355
483383 1630
483384 1805, 1819, 1823
483385 567
483391 1593
483390 1585
483396 1011
483398 1604
483399 1092
483411 527
483431 1283
483451 1698
483481 1203
483541 1195
483671 437
483681 1189
483691 1722
483761 625
483831 556

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TESSCO Part Number (SKU) Index

48398 589
484003 69
484005 1190
484012 1215
484015 1253
48404 395
484040 787, 791, 796, 801, 806, 810, 812, 814, 818, 825, 1143
484047 1687
484069 385
484073 260
484077 1662
484080 1454
484083 1408
484086 231
484101 1654
484105 1423
484106 1033, 1048
484108 460
484109 1035, 1050
48411 69
484113 415
484117 528
484123 1633
484124 1036, 1052
484126 405
484132 1440
484136 1760
484138 1437
484140 1460
484141 1036, 1051
484145 1207
484148 1482
48415 1725
484150 647
484155 472
484156 1036, 1051
484158 571
484161 384
484163 684
484164 1036, 1051
484168 1008
484169 1444
484173 1422
484178 526
484179 209
484188 456
484189 455
484190 966
484300 416
484303 1631
484307 448
484308 685
484310 94
484312 517
484316 1126
484318 1642
484322 661
484328 1617
484331 454
484335 1018
484336 1573
484337 1680
484339 1024
484340 1552
484343 1603
484344 1376
484346 1447
484350 570
484351 702
484354 1011
484356 1579
484357 1457
484359 666
484361 582
484362 1210
484366 1310
484372 707
484374 1552
484381 1008
484383 1738
484384 1806, 1823
484385 1816
484386 692
484389 1605
484397 1315
484398 508
484399 656
48440 170
48469 1752
48470 1675
48474 1316
48485 1529
48486 468
48487 1320
485000 521
485006 1093
485018 1191
485027 1199
485031 247
485033 564
485053 694
485054 1640
485057 823
485065 226
485066 1571
485067 613
485071 758
485086 1137
485088 1164
485090 1441
485094 498
485096 1433
485104 596
485109 444
485117 739
485123 19
485124 1485
485127 419
485131 388
485142 1033, 1048
485146 525
485147 1543
485149 403
485156 1550
485159 1640
485162 966
485170 1035, 1050
485172 688
485173 1078, 1099
485177 1222
485179 416
485180 906, 1141
485182 424
485189 1193
485190 1414
485192 1460
485197 1020
485198 1435
48520 267
48521 1214
48523 1434
485300 1438
485306 657
485307 568
48531 1299
485310 1244
485312 1561
485314 201
485315 1617
485318 1112
48532 616
485320 680
485322 1194
485329 1674
485334 1088
485335 1805, 1818, 1822
485337 1810
485338 1627
485339 581
485345 698
485347 216
485348 693
485350 408
485353 1107
485354 1198
485356 1189
485357 1588
485358 1587
485359 584
485360 1623
485376 1528
485378 588
485381 1804
485382 1686
485383 1410
485386 1547
485388 1808
485390 455
485395 1624
485398 1478
48544 482
48546 396
48561 484
48563 1572
48567 1379
48576 307
48586 154
48587 576
48593 1216
486001 660
486007 1378
486012 8
486014 582
486017 1429
486018 574
48602 517
486035 1380
486042 1478
486047 1188
486049 1645
48605 1475
486051 578
486054 1572
486056 1032
486058 564
486060 409
486062 1454
486065 664
486066 461
486068 1380
486069 1194
486071 596
48608 1611
486085 1443
48610 10
486111 872, 876, 879, 882, 888, 893, 898, 901, 906, 912, 917, 923, 928, 931, 934, 941, 955, 967, 1143
486112 456
486113 1037, 1052
486114 540
486121 1356
486122 1759
486123 466
486126 1456
486127 1015
486129 1426
486131 886, 1149
486132 1423
486134 1216
486138 1434
486139 869
486145 1380
486155 419
486157 480
486159 509
486166 1354
48617 591
486172 686
486174 391
486176 1008
486177 527
486185 421
486186 524
486189 1008
48619 431
486190 607
486193 453
486197 871
48622 1727
48623 518
48626 425
486294 1450
48630 1592
486301 568
486302 96
486309 796
486312 1749
486313 1660
486321 1692
486323 1686
486328 707
486331 1693
486332 684
486333 220
486334 1691
486336 870
486337 696
486340 1194
486341 68
486342 469
486346 1179
486354 1405
486356 678
486358 1003, 1013, 1020, 1028, 1038, 1053, 1061, 1069, 1072, 1077, 1088
486359 720, 726, 736, 750, 754, 763, 768, 772, 786, 790, 794, 800, 804, 808, 811, 844, 870, 892, 896, 904, 910, 922, 1002, 1012, 1019, 1027, 1037, 1053, 1061, 1068, 1072, 1077, 1081, 1084, 1088, 1091, 1094, 1111, 1120
486360 1691
486362 763
486364 1587
486367 1310
486637 1593
486374 701
486375 1594
486376 396
486377 614
486378 616
486381 571
486382 755, 759, 765, 769, 773, 1135
486383 1022, 1086, 1096, 1145
486384 1802
486386 1692
486387 582
486389 1601
48639 1326
486390 1803
486391 1011
486392 1613
486394 614
486399 228
48640 1336
48650 1383
48676 1377
48686 133
48689 470
487012 1380
487018 1571
487027 1199
487033 966
487036 1191
487040 506
487041 1183
487048 378
487053 469
487055 581
487060 585
487064 1571
487065 1465
487707 34
487074 434
487079 1178
487708 1648
487082 1183
487088 966
487091 618
487098 1192
487102 535
487105 880, 885
487106 451
487107 456
487111 1614
487116 459
487120 486
487122 457
487128 1253
487113 505
487134 457
487137 204
487139 921
487141 463
487146 707
487151 1330
487155 392
487156 1486
487158 456
487161 1313
487166 609
487167 650
487168 495
487170 1166
487177 892
487178 1416
487189 1163
487257 680
487268 680
487302 1356
487305 183
487308 583
48731 1724
487313 1412
487314 179
487315 1310
487316 1414
487319 1310
487832 421
487321 1432
487324 587
487327 1050
487833 1172
487333 1739
487334 1165
487336 1132
487338 1178
487834 1189
487340 699
487341 655
487346 568
487347 771
487350 309
487351 1537
487353 1090, 1391
487358 688
487366 1281
487367 1574
487368 1616
487369 614
487372 542
487376 688
487383 1572
487386 1694
487388 1810, 1813
487389 795
487394 371
487397 691
48743 1341
48750 502
48752 1684
48756 471
48762 1250
48780 398
48782 1649
48789 495
48792 324
48794 1648
488009 1179
488014 1403
488021 1000, 1016, 1023, 1029, 1080, 1086, 1090, 1096, 1100, 1147
488022 686
488024 1419
488034 564
488040 667
488048 689
488049 1177
488057 508
488058 1311
488061 1047
488075 1193
488077 163
488085 247
488088 1150
488089 1684
48809 331
488095 1465
488099 1488
488100 596
488105 461
488113 1557
488123 1163
488136 1743
488137 1151
488139 1005, 1042, 1065, 1145
488141 232
488143 721, 727, 732, 737, 1140
488145 1444
488148 458
488150 1078, 1099
488151 1601
488154 961, 1138
488155 1559
488160 1431
488166 681
488168 1461
488171 592
488172 1633
488173 1098
488175 1584
488176 1012
488177 1008
488179 642
488184 1008
488186 650
488187 1757
488188 1207
488190 706
488194 1193
48820 1648
48822 515
488282 1528
48829 1486
488300 448
488307 1366
488308 1605
488312 1631
488314 498
488318 762, 767
488320 25
488324 167
488325 1618
488328 648
488330 648
488332 1133
488336 498
488340 581
488341 720, 726, 736, 750, 754, 763, 768, 772, 786, 790, 795, 800, 804, 808, 811, 844, 870, 892, 896, 904, 910, 922, 1002, 1012, 1019, 1027, 1037, 1053, 1061, 1068, 1072, 1077, 1081, 1084, 1088, 1091, 1094, 1111, 1120
488342 571
488343 1450
488348 1018
488350 683
488351 1642
488355 656
488358 1604
488363 586
488365 1626
488366 1112
488369 568
488370 1814
488371 1596
488372 1613
488375 614
488381 1809, 1812, 1821
488382 1812
488383 1382
488384 168
488386 1474
488387 1604
488388 1200
488389 702
488391 1635
488392 1587
488396 1008
488397 1815
48841 1547
48843 440
48854 631
48869 1240
48878 444
48885 65
48890 1353
48897 1153
489001 1454
489006 1722
489007 1702
489010 1572
489019 613
48902 270
489031 1430
489038 1662
489044 658
489048 69
489050 196
489055 1181
489070 1253
489071 1178
489073 735
489077 564
489079 1253
489084 1502
489089 1218
489099 1180
489104 1457
489105 403
489108 1012
489110 1138
489119 1423
489122 1035, 1050
489127 905
489130 1452
489144 1387
489147 760
489149 1814
48915 1392
489151 425
489156 647
489157 560
489161 593
489166 1166
489169 1163
489172 454
489177 1321
489179 689
489181 1012
489188 1038, 1053
489191 1215
489192 941, 954
489194 409
489197 1176
489199 1633
489205 1466
48926 459
48929 474
489300 566
489301 1637
489302 211
489309 589
489312 1613
489313 1686
489324 1178
489330 1607
489335 508
48934 593
489340 1588
489341 838
489342 1814
489343 1602
489354 1200
489356 1000, 1016
489358 1011
489363 568
489364 1195
489368 1669
489369 1027
489370 258
489373 1325
489374 1592
489376 1624
489378 1812
489379 180
489380 1348
489383 1088
489386 581
489388 1370
489391 1165
489393 1575
489395 1739
489397 1604
48949 511
48953 1668
48974 556
48977 498
490001 689
490010 1369
490015 580
490020 1111, 1146
490025 1556
49003 455
490034 1494
490043 1571
490049 1639
490055 1184
490056 613
490058 753, 757, 762, 767, 1129, 1133
490069 1180
490071 921
490075 1570
490077 1449
490080 1662
490089 943, 946, 951, 956, 961, 1138
490095 1380
490105 1313
490107 456
490113 1022, 1096, 1100, 1145
490114 496
490118 75
490119 1163
490124 392
490126 870, 900, 904, 910, 915, 926, 930, 933
490127 1329
490128 1423
490134 406
490141 594

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144 ... 197
45 ... 1511
48 ... 1227
49 ... 525
50 ... 403
52 ... 506
54 ... 642
56 ... 1394
61 ... 552
62 ... 1036, 1051
63 ... 1309
65 ... 455
67 ... 628
68 ... 1525
80 ... 1417
83 ... 419
84 ... 211
86 ... 1370
89 ... 603
91 ... 874, 908,
3, 919, 931,
38
96 ... 124
99 ... 796, 1149
0 ... 1748
1 ... 495
85 ... 905, 1150
9 ... 53
03 ... 1366
09 ... 1477
10 ... 1404
11 ... 1805
12 ... 1641
14 ... 664
19 ... 586
20 ... 763
21 ... 577
24 ... 1182
25 ... 1025
27 ... 687
29 ... 230
30 ... 1645
31 ... 1019
34 ... 108
37 ... 773
38 ... 1614
43 ... 1603
45 ... 1685
48 ... 1696
50 ... 1744
52 ... 1588
53 ... 679
54 ... 581
56 ... 258
57 ... 97
58 ... 919
5 ... 467
62 ... 1739
64 ... 1628
65 ... 1177
68 ... 566
72 ... 692
73 ... 1805
75 ... 1187
76 ... 1587
79 ... 1816
80 ... 1578
81 ... 1738
83 ... 1477
87 ... 1644
3 ... 1011
4 ... 656
5 ... 1523
6 ... 763
7 ... 720, 726,
, 750, 754,
, 768, 772,
, 790, 795,
, 804, 808,
, 844, 870,
, 896, 904,
, 922, 1002,
2, 1019,
7, 1037,
3, 1061,
8, 1072,
1077, 1081,
1084, 1088,
1091, 1094,
1111, 1120
490398 ... 1606
490399 ... 1690
49046 ... 1174
49048 ... 434
49049 ... 71
49050 ... 505
49054 ... 30
49055 ... 491
49061 ... 591
49063 ... 1338
49073 ... 1488
49075 ... 1265
49078 ... 1525
49086 ... 1367
49091 ... 965
49092 ... 1750
49097 ... 1193
491018 ... 526
491032 ... 1449
491036 ... 541
491042 ... 659
491043 ... 1189
491044 ... 1002
491054 ... 1572
491058 ... 659
491064 ... 721, 727,
737, 1150
491065 ... 423
491067 ... 436
491107 ... 1267
491077 ... 761, 1348
491080 ... 1449
491081 ... 1193
491082 ... 1356
491083 ... 658
491086 ... 1194
491089 ... 577
491093 ... 1164
491094 ... 1429
491096 ... 1443
491106 ... 422
491107 ... 1447
491111 ... 1440
491112 ... 240
491123 ... 1626
491134 ... 421
491136 ... 695
491140 ... 677
491141 ... 419
491143 .. 1035, 1050
491147 ... 457
491148 ... 421
491115 ... 499
491155 ... 176
491156 .. 1034, 1049
491157 ... 480
491163 ... 186
491164 ... 636
491165 .. 1035, 1051
491166 .. 1035, 1051
491171 ... 541
491175 ... 684
491179 ... 1221
491118 ... 597
491180 ... 1498
491181 ... 393
491185 ... 606
491187 ... 793
491188 .. 1079, 1099
491189 ... 506
491191 .. 1036, 1051
491192 ... 1406
491193 ... 697
491194 ... 1012
491196 ... 493
491197 ... 1437
491198 ... 1196
491199 ... 869
49122 ... 581
491250 ... 911
49126 ... 515
49127 ... 323
49130 ... 1352
491302 ... 234
491303 ... 906
491307 ... 1444
491310 ... 1412
491311 ... 1605
491313 ... 1165
491315 ... 570
491316 ... 1621
491318 ... 1805
491321 ... 608
491328 ... 1178
491332 ... 1686
491336 ... 1819
491338 ... 1617
491339 ... 1621
491340 ... 720, 726,
736, 750, 754,
763, 768, 772,
786, 790, 795,
800, 804, 808,
811, 844, 870,
892, 896, 904,
910, 922, 1002,
1012, 1019,
1027, 1053,
1061, 1068,
1072, 1077,
1081, 1084,
1088, 1091,
1094, 1111, 1120
491341 ... 1546
491346 ... 681
491352 ... 448
491354 ... 1616
491362 ... 1155
491364 ... 1663
491367 ... 1685
491368 ... 1603
491369 ... 1694
491370 ... 574
491373 ... 1694
491374 ... 1603
491377 ... 1817
491379 ... 1581
491381 ... 1592
491385 ... 1172
491387 ... 1738
491389 ... 1349
491392 ... 46
491399 ... 1582
49145 ... 398
49148 ... 104
49153 ... 1375
49154 ... 698
49160 ... 698
49165 ... 1259
49167 ... 569
49173 ... 698
49177 ... 698
49179 ... 698
49183 ... 1382
49198 ... 1362
49199 ... 430
49200 ... 1677
492000 ... 702
492007 ... 243
49202 ... 1691
492027 ... 576
49203 ... 137
492037 ... 922
492038 ... 588
492039 ... 1487
492041 ... 401
492045 ... 1442
492057 ... 696
492061 ... 1381
492066 ... 1453
492067 ... 1194
492069 ... 1181
492074 ... 225
492079 ... 1382
492095 ... 1449
492096 ... 613
492098 ... 1253
492103 .. 1036, 1051
492112 ... 413
492117 ... 233
492118 ... 597
492125 ... 525
492131 ... 1452
492132 ... 1012
492146 ... 869
492147 ... 1640
492215 ... 5
492164 ... 1439
492166 ... 528
492217 ... 13
492170 ... 1655
492180 ... 774, 1137
492183 .. 1035, 1050
492186 .. 1035, 1050
492187 ... 187
492196 ... 447
492197 ... 1584
492228 ... 637
492301 ... 1553
492305 ... 1310
492307 ... 466
492308 ... 1706
492318 ... 1444
492232 ... 31
492320 ... 1803
492321 806, 1820,
1824
492322 ... 1325
492323 ... 678
492325 ... 617
492327 ... 1404
492329 ... 397
492332 ... 1821
492335 ... 1817
492337 ... 1561
492339 ... 1644
492340 ... 568
492343 ... 1621
492344 ... 1642
492346 ... 1814
492349 ... 1605
492351 ... 1691
492354 ... 1613
492355 ... 1018
492357 ... 244
492359 ... 1686
492362 ... 1024
492364 ... 937, 941,
945, 950, 955,
959, 962, 1142
492366 ... 1311
492367 ... 1206
492373 ... 1802
492374 ... 1533
492384 ... 1693
492385 ... 689
492391 ... 1686
492392 ... 389
492393 ... 1815
492396 ... 489
492397 ... 516
492399 ... 1575
49251 ... 643
49259 ... 1333
49275 ... 443
493001 ... 657
493004 ... 1093
493018 ... 1193
493021 ... 576
493023 ... 1369
493028 ... 579
493030 ... 1442
493031 ... 1156
493041 ... 408
493042 ... 1369
493043 ... 1662
493048 ... 1571
493050 ... 608
493051 ... 172
493052 ... 1175
493053 ... 1420
493060 ... 1177
493062 ... 1381
493066 ... 564
493071 ... 1188
493078 ... 721, 727,
737, 1140
493100 ... 415
493103 ... 405
493109 ... 794
493110 ... 527
493113 ... 1313
493114 ... 707
493116 ... 597
493117 ... 1698
493119 ... 1555
493120 ... 1163
493122 ... 1219
493133 ... 870
493134 ... 835
493135 ... 675
493141 ... 467
493143 ... 508
493144 ... 1193
493157 ... 507
493158 ... 526
493159 ... 895, 920
493016 ... 482
493161 ... 420
493164 ... 535
493317 ... 1432
493170 .. 1036, 1051
493173 ... 609
493176 ... 660
493177 ... 444
493187 ... 296
493189 ... 1601
493190 .. 1035, 1050
493194 ... 421
493198 ... 525
493320 ... 521
493301 ... 1310
493303 ... 218
493305 ... 1356
493310 ... 1803
493311 ... 1410
493315 ... 1816
493316 ... 1710
493317 ... 1574
493321 ... 1052
493322 ... 1542
493323 ... 566
493324 ... 1194
493327 .. 1026, 1139
493328 ... 205
493331 ... 566
493332 ... 574
493335 ... 1050
493336 ... 1142
493343 ... 901
493347 ... 1643
493351 807, 1809,
1811, 1813, 1821
493352 ... 1816
493353 ... 1808
493355 ... 1588
493360 ... 1588
493361 ... 880, 1138
493363 ... 1604
493365 ... 1575
493367 ... 1636
493373 ... 1695
493379 ... 1516
493380 ... 536
493386 ... 1804
493388 ... 1805
493389 ... 1658
493390 ... 1402
493391 ... 1605
493392 ... 1602
493394 ... 1809
493395 ... 1696
493397 ... 647
493399 ... 1697
493346 ... 1750
493367 ... 532
493371 ... 1182
493380 ... 434
493384 ... 1197
493387 ... 1751
49392 ... 633
49398 ... 1583
494000 ... 1390
49401 ... 1717
494010 ... 1176
494014 ... 586
494019 ... 1571
49402 ... 699
494027 ... 817
494029 ... 1373
49403 ... 699
494032 ... 1194
494044 ... 667
494056 ... 564
494057 ... 1403
494008 ... 1710
494082 ... 1430
494084 ... 658
494086 ... 679
494089 ... 1199
494093 ... 677
494097 ... 260
494100 ... 405
494103 .. 1036, 1051
494107 ... 646
494113 ... 1308
494116 .. 1037, 1052
494120 ... 233
494126 ... 203
494127 ... 1451
494132 ... 1163
494135 ... 415
494136 ... 601
494137 ... 185
494144 ... 1451
494146 ... 1440
494147 ... 1444
494149 ... 636
494151 .. 1035, 1050
494156 ... 903, 909,
914, 926, 939,
943, 952
494159 ... 1020
494161 ... 495
494164 ... 1378
494169 .. 1036, 1051
494170 ... 1412
494171 ... 1416
494173 ... 1012
494175 ... 609
494176 ... 1012
494178 .. 1035, 1050
49418 ... 1760
494180 ... 125
494185 ... 1508
494188 ... 457
494191 ... 1451
494193 ... 192
494194 ... 602
49424 ... 478
49427 ... 24
494302 ... 566
494305 ... 1603
494309 ... 1433
494310 ... 1018
494317 ... 571
494322 ... 1332
49433 ... 557
494330 ... 615
494333 ... 1547
494336 ... 433
494338 ... 1125
494341 ... 568
494343 ... 786
494345 ... 1347
494346 ... 1658
494348 ... 1694
494349 ... 1381
494350 ... 618
494351 ... 201
494354 ... 371
494357 ... 1555
494358 1807, 1809,
1811, 1812,
1817, 1821
494359 ... 1227
494360 ... 458
494362 ... 498
494366 ... 1384
494368 ... 1574
494370 ... 678
494371 ... 1578
494374 ... 1816
494376 ... 1552
494377 ... 1689
494378 1073, 1078,
1099
494382 ... 834
494383 ... 1694
494385 ... 1047
494386 ... 617
494387 ... 447
494390 ... 592
494392 ... 466
494395 ... 259
49444 ... 1764
49474 ... 286
49481 ... 533
49493 ... 1347
495004 ... 680
495006 ... 1187
495011 ... 506
495012 ... 489
495018 ... 1707
495031 ... 1370
495032 ... 607
495040 ... 1093
495041 ... 229
495043 ... 1222
495045 ... 1408
495050 ... 401
495055 ... 1679
495061 ... 613
495062 ... 921
495064 ... 1702
495070 ... 1662
495079 1013, 1020,
1028
495081 ... 895, 920
495087 ... 594
495085 ... 827
495089 ... 565
495094 ... 1571
495099 ... 703
495100 ... 525
495105 ... 543
495107 ... 897
495110 ... 492
495116 ... 163
495121 ... 1217
495122 ... 606
495125 ... 552
495128 ... 1036, 1051
495131 ... 1382
495130 ... 679
495135 ... 914
495140 ... 1638
495143 ... 1423
495145 ... 423
495147 ... 425
495148 ... 496
495151 ... 517
495153 ... 199
495157 1004, 1041,
1055, 1064, 1142
495162 ... 1510
495163 ... 597
495168 ... 903
495169 ... 1565
495179 ... 1417
495186 ... 1416
495190 ... 1757
495191 ... 1405
495195 ... 1489
495197 ... 482
49524 ... 1254
49527 ... 522
495279 ... 1450
495300 ... 1178
495303 ... 1817
495304 ... 1178
495308 ... 816
495312 1038, 1053,
1062, 1073
495314 ... 498
495317 ... 1553
495319 ... 871, 876,
900, 904, 911,
915, 927, 930,
933
495320 ... 1434
495323 ... 795
495326 ... 436
495328 ... 1804
495329 ... 1356
495331 ... 1179
495333 ... 813
495335 ... 473
495337 ... 1316
495339 ... 1196
495340 ... 1627
495344 ... 205
495351 ... 1179
495353 ... 677
495355 ... 1684
495362 ... 1539
495364 ... 1658
495365 ... 708
495368 ... 469
49537 ... 1269
495371 806, 1820,
1824
495375 .. 1126, 1146
495377 ... 1618
495381 ... 586
495382 ... 1547
495386 ... 869
495388 ... 568
495389 ... 1537
495390 ... 1636
495393 ... 798
495395 1805, 1818,
1822
49541 ... 431
49543 ... 1341
49544 ... 129
49556 ... 1265
49575 ... 289
49579 ... 40
49580 ... 541
49588 ... 1525
49590 ... 460
496001 ... 1047
496005 ... 1571
496013 ... 460
496014 ... 758, 1152
496015 ... 1017
496018 ... 472
496025 ... 413
496029 ... 1572
49603 ... 1501
496036 ... 545
496040 ... 613
496048 ... 1380
496052 ... 1189
496053 ... 636
496064 ... 665
496078 ... 659
49608 ... 152
496086 ... 578
496088 ... 508
496107 ... 406
496113 ... 685
496120 ... 405
496121 ... 1393
496122 ... 560
496123 ... 1759
496126 ... 470
496128 ... 686
496132 ... 1440
496140 ... 1459
496143 ... 1655
496146 ... 685
496147 ... 543
49615 ... 1593
496154 ... 221
496158 ... 1412
496161 ... 1212

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TESSCO Part Number (SKU) Index

496165 ... 606
496169 ... 647
496170 ... 594
496171 ... 1444
496175 ... 1511
496178 ... 1035, 1050
496181 ... 1721
496184 ... 440
496187 ... 1756
496188 ... 526
496304 ... 392
496306 ... 1547
496310 ... 1656
496312 ... 1192
496314 ... 1686
496317 ... 1700
496319 ... 763
496320 ... 1205
496332 ... 1811, 1813
496333 ... 1697
496334 ... 1635
496335 ... 1537
496344 ... 1555
496349 ... 567
496355 ... 441
496354 ... 614
496356 ... 1596
496358 ... 1446
496361 ... 1199
496363 ... 1619
496365 ... 572
496369 ... 1597
496370 ... 1630
496373 ... 161
496377 ... 1816
496378 ... 204
496380 ... 1636
496381 ... 1226
496383 ... 1355
496385 ... 1686
496386 ... 1195
496389 ... 1585
496395 ... 516
496395 ... 1691
496396 ... 1636
496397 ... 568
496398 ... 1588
496400 ... 1453
496475 ... 581
496555 ... 1606
496672 ... 119
496674 ... 504
496678 ... 493
496686 ... 17
496692 ... 567
496693 ... 1301
497006 ... 183
497009 ... 579
497016 ... 1174
497024 ... 1334
497025 ... 1347
497027 ... 1453
497035 ... 1199
497051 ... 507
497064 ... 1095
497076 ... 1655
497081 ... 786, 790, 795, 800, 805
497082 ... 721, 724, 728, 730, 733, 738, 788, 792, 797, 801, 806, 815, 819, 822, 826, 837, 840, 843, 846, 873, 877, 879, 883, 888, 894, 898, 902, 907, 912, 918, 924, 928, 934, 937, 942, 945, 947, 950, 955, 960, 963, 968, 1108, 1116, 1118, 1121, 1123, 1145
497084 ... 1185
497085 ... 657
497089 ... 197
497091 ... 1014, 1021
497096 ... 544
497102 ... 1394
497115 ... 1414
497118 ... 423
497119 ... 794
497120 ... 408
497126 ... 905, 1149
497127 ... 477
497131 ... 1101
497134 ... 1163
497137 ... 419
497141 ... 1201
497146 ... 370
497147 ... 1638
497148 ... 1757
497150 ... 496
497154 ... 393
497155 ... 967
497157 ... 1423
497158 ... 1163
497164 ... 681
497166 ... 1193
497169 ... 526
497174 ... 1193
497179 ... 1550
497182 ... 458
497183 ... 835
497185 ... 1757
497187 ... 538
497192 ... 452
497197 ... 1207
497199 ... 685
497238 ... 1101
497287 ... 1194
497307 ... 1821
497308 ... 1526
497313 ... 693
497316 ... 1819
497318 ... 934
497323 ... 615
497326 ... 192
497328 ... 869
497329 ... 616
497330 ... 1624
497334 ... 573
497338 ... 1616
497342 ... 705
497343 ... 203
497346 ... 1485
497347 ... 616
497350 ... 613
497351 ... 574
497353 ... 1816
497354 ... 1548
497357 ... 1180
497361 ... 1808, 1809, 1811, 1813, 1815, 1817, 1821
497362 ... 1759
497363 ... 586
497369 ... 1540
497370 ... 813
497372 ... 567
497373 ... 1635
497379 ... 694
497380 ... 656
497381 ... 1109
497382 ... 391
497383 ... 1685
497386 ... 820
497388 ... 1695
497389 ... 648
497391 ... 577
497397 ... 786, 800, 805
497399 ... 69
497443 ... 1639
497449 ... 1742
497457 ... 9
497465 ... 538
497468 ... 648
497470 ... 1213
497474 ... 309
497476 ... 238
497478 ... 3
497484 ... 1557
497490 ... 1176
497499 ... 1766
498000 ... 1015, 1022, 1029, 1086, 1090, 1092, 1096, 1099, 1144
498004 ... 1645
498008 ... 580
498019 ... 659
498033 ... 606
498049 ... 1047
498050 ... 1032
498067 ... 489
498070 ... 1464
498076 ... 1253
498081 ... 735
498086 ... 458
498087 ... 921
498100 ... 1033, 1048
498101 ... 1420
498103 ... 1759
498107 ... 229
498110 ... 1747
498114 ... 1437
498118 ... 869
498120 ... 415
498121 ... 1659
498125 ... 1020
498126 ... 1036, 1051
498131 ... 551
498138 ... 1557
498146 ... 1412
498147 ... 535
498148 ... 410
498149 ... 415
498152 ... 391
498153 ... 403
498155 ... 464
498156 ... 461
498157 ... 1628
498159 ... 1383
498165 ... 1208
498166 ... 1162
498172 ... 592
498175 ... 756, 760, 766, 771, 775, 1131, 1137
498176 ... 1192
498182 ... 684
498183 ... 1166
498185 ... 569
498186 ... 1080, 1100, 1391
498187 ... 1013
498192 ... 1406
498195 ... 1035, 1050
498197 ... 245
498200 ... 629
498210 ... 70
498282 ... 629
498290 ... 90
498300 ... 1537
498302 ... 1749
498305 ... 1534
498306 ... 228
498311 ... 259
498313 ... 1669
498315 ... 613
498316 ... 1642
498322 ... 1541
498324 ... 690
498326 ... 490
498327 ... 679
498330 ... 68
498331 ... 1694
498338 ... 1576
498346 ... 1659
498347 ... 1018
498352 ... 1553
498357 ... 1605
498358 ... 1802
498359 ... 757, 813, 835, 839, 841, 885, 915, 930, 965, 1098, 1115, 1117
498360 ... 68
498364 ... 764
498365 ... 814
498366 ... 1552
498367 ... 1179
498368 ... 1815
498373 ... 572
498375 ... 1606
498376 ... 677
498380 ... 1413
498381 ... 692
498384 ... 1603
498385 ... 900
498386 ... 1050
498389 ... 1694
498390 ... 568
498392 ... 1423
498393 ... 1373
498398 ... 448
498399 ... 1694
498400 ... 1590
498460 ... 1508
498520 ... 397
498540 ... 537
498590 ... 1205
498710 ... 1726
498720 ... 517
498790 ... 1592
498960 ... 1670
498990 ... 1381
499001 ... 1728
499007 ... 1179
499008 ... 1429
499012 ... 489
499014 ... 445
499016 ... 1369
499022 ... 576
499029 ... 608
499036 ... 374
499037 ... 735
499046 ... 1278
499062 ... 408
499065 ... 1558
499079 ... 1379
499083 ... 693
499086 ... 1047
499090 ... 538
499091 ... 1583
499099 ... 1180
499102 ... 1035, 1050
499105 ... 225
499113 ... 1033, 1048
499114 ... 422
499117 ... 1753
499122 ... 526
499125 ... 607
499130 ... 689
499131 ... 175
499136 ... 574
499139 ... 1035, 1050
499140 ... 1667
499150 ... 454
499151 ... 1622
499160 ... 70
499160 ... 1381
499161 ... 1021
499168 ... 1423
499170 ... 411
499175 ... 414
499180 ... 1421
499183 ... 1193
499187 ... 1387
499188 ... 1008
499189 ... 1720
499191 ... 1477
499194 ... 446
499197 ... 1519
499200 ... 1718
499250 ... 682
499260 ... 330
499304 ... 682
499308 ... 1192
499309 ... 1186
499310 ... 1372
499314 ... 1052
499316 ... 688
499317 ... 678
499319 ... 1749
499325 ... 720, 726, 736, 750, 754, 763, 768, 772, 786, 790, 795, 800, 804, 809, 811, 844, 870, 892, 896, 904, 910, 922, 1002, 1012, 1019, 1027, 1037, 1053, 1061, 1069, 1072, 1077, 1081, 1084, 1088, 1091, 1094, 1111, 1120
499326 ... 1520
499328 ... 1580
499330 ... 1636
499333 ... 1814
499334 ... 495
499336 ... 1801
499339 ... 570
499340 ... 1804
499341 ... 1013
499342 ... 1542
499343 ... 1325
499345 ... 1194
499350 ... 608
499353 ... 1478
499354 ... 578
499355 ... 820
499358 ... 616
499360 ... 1736
499362 ... 1816
499363 ... 616
499365 ... 1315
499366 ... 1693
499371 ... 470
499372 ... 1627
499373 ... 1806, 1819, 1823
499378 ... 1689
499379 ... 1686
499380 ... 470
499383 ... 1478
499386 ... 1434
499387 ... 656
499390 ... 1642
499394 ... 1689
499395 ... 1806, 1819, 1823
499396 ... 1584
499399 ... 833
499400 ... 1383
499404 ... 1380
499408 ... 635
499409 ... 1203
499413 ... 336
499417 ... 1235
499420 ... 1478
499423 ... 595
499481 ... 410
499486 ... 1287
499499 ... 500

5

50023 ... 1478
50031 ... 1432
50045 ... 1692
50070 ... 1717
50071 ... 536
50088 ... 1722
50092 ... 1719
50093 ... 1422
50096 ... 633
50113 ... 1595
50125 ... 1721
50155 ... 473
50156 ... 1688
50163 ... 1222
50176 ... 1251
50186 ... 1167
50193 ... 1424
50219 ... 1154
50223 ... 550
50239 ... 1321
50261 ... 1301
50264 ... 881, 886
50270 ... 495
50278 ... 53
50283 ... 1206
50295 ... 1173
50309 ... 518
50317 ... 1379
50320 ... 1464
50342 ... 73
50364 ... 499
50365 ... 517
50368 ... 617
50378 ... 518
50390 ... 403
50391 ... 1722
50401 ... 601
50409 ... 464
50415 ... 1383
50417 ... 462
50428 ... 1723
50436 ... 699
50437 ... 1383
50439 ... 1681
50456 ... 555
50460 ... 1317
50462 ... 452
50464 ... 5
50505 ... 376
50510 ... 459
50511 ... 1393
50537 ... 47
50540 ... 1543
50556 ... 586
50570 ... 1750
50583 ... 1598
50612 ... 107
50616 ... 532
50618 ... 890, 1348
50620 ... 1181
50621 ... 483
50630 ... 496
50632 ... 1434
50657 ... 1710
50663 ... 1761
50664 ... 445
50676 ... 22
50680 ... 55
50683 ... 1518
50693 ... 1764
50699 ... 1662
50703 ... 1196
50705 ... 1584
50710 ... 549
50738 ... 1383
50739 ... 1606
50746 ... 487
50754 ... 449
50762 ... 528
50771 ... 1759
50774 ... 279
50790 ... 436
50805 ... 1246
50814 ... 1321
50816 ... 395
50826 ... 505
50827 ... 591
50832 ... 1152
50845 ... 527
50846 ... 1387
50849 ... 133
50858 ... 113
50862 ... 1754
50865 ... 453
50874 ... 626
50875 ... 461
50884 ... 435
50889 ... 477
50891 ... 501
50901 ... 1708
50904 ... 1564
50921 ... 1359
50927 ... 221
50934 ... 384
50939 ... 1655
50941 ... 567
50947 ... 1538
50964 ... 1686
50972 ... 1319
50993 ... 1714
50994 ... 483
51001 ... 1718
51018 ... 1329
51024 ... 541
51028 ... 433
51044 ... 653
51055 ... 1676
51073 ... 629
51074 ... 337
51078 ... 142
51093 ... 453
51095 ... 1508
51104 ... 1205
51111 ... 1376
51117 ... 77
51120 ... 1725
51121 ... 516
51122 ... 1032
51124 ... 437
51128 ... 333
51133 ... 1272
51156 ... 610
51175 ... 330
51181 ... 493
51184 ... 72
51201 ... 1558
51205 ... 64
51206 ... 1558
51213 ... 1752
51217 ... 265
51222 ... 336
51235 ... 1165
51239 ... 1665
51246 ... 420
51248 ... 499
51258 ... 405
51260 ... 1319
51273 ... 1338
51283 ... 1729
51285 ... 597
51287 ... 493
51307 ... 82
51319 ... 1716
51320 ... 1753
51336 ... 1716
51342 ... 215
51344 ... 1186
51345 ... 624
51359 ... 116
51362 ... 1601
51375 ... 1684
51387 ... 1388
51392 ... 431
51404 ... 119
51433 ... 1639
51434 ... 1720
51435 ... 653
51437 ... 66
51445 ... 489
51447 ... 510
51467 ... 330
51472 ... 550
51482 ... 1563
51484 ... 1377
51486 ... 1334
51487 ... 1380
51496 ... 1434
51516 ... 439
51526 ... 1355
51527 ... 29
51530 ... 1378
51532 ... 1203
51535 ... 1456
51544 ... 1173
51546 ... 437
51558 ... 518
51573 ... 1247
51574 ... 522
51580 ... 580
51590 ... 1554
51592 ... 489
51604 ... 432
51614 ... 516
51615 ... 560
51616 ... 554
51618 ... 379
51619 ... 193
51627 ... 518
51628 ... 193
51639 ... 410
51640 ... 12
51645 ... 1186
51646 ... 187
51650 ... 1684
51654 ... 47
51658 ... 420
51659 ... 188
51663 ... 1251
51668 ... 340
51671 ... 188
51680 ... 189
51681 ... 190
51692 ... 43
51708 ... 496
51709 ... 1317
51716 ... 413
51726 ... 1177
51734 ... 1657
51738 ... 1436
51739 ... 190
51741 ... 191
51742 ... 280
51743 ... 191
51745 ... 1563
51747 ... 192
51751 ... 1446
51752 ... 193
51759 ... 459
51781 ... 213
51790 ... 331
51798 ... 1363
51839 ... 58
51849 ... 1492
51853 ... 466
51857 ... 1364
51864 ... 572
51865 ... 530
51867 ... 1462
51868 ... 419
51870 ... 635
51873 ... 391
51878 ... 432
51882 ... 1612
51891 ... 1254
51896 ... 1521
51906 ... 1710
51921 ... 285
51929 ... 55
51932 ... 1611
51936 ... 569
51942 ... 1763
51948 ... 1727
51954 ... 1584
51956 ... 1183
51966 ... 527
51984 ... 1337
51985 ... 1257
51993 ... 1361
51996 ... 1382
52001 ... 399
52004 ... 537
52008 ... 616
52010 ... 81
52011 ... 1742
52013 ... 253
52031 ... 1685
52035 ... 1237
52065 ... 1487
52067 ... 520
52079 ... 1725

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093 ... 476
094 ... 1746
01 ... 1733
07 ... 1357
11 ... 1754
15 ... 1223
23 ... 626
26 ... 502
27 ... 1200
40 ... 522
45 ... 583
51 ... 394
57 ... 460
62 ... 1727
66 ... 447
88 ... 1476
89 ... 1476
96 ... 559
98 ... 1476
07 ... 1476
21 ... 1317
32 ... 1758
46 ... 1153
48 ... 411
51 ... 473
62 ... 505
68 ... 1211
78 ... 23
19 ... 1684
22 ... 629
37 ... 496
40 ... 1216
42 ... 453
48 ... 1336
49 ... 1620
58 ... 1202
73 ... 1204
85 ... 1217
86 ... 436
37 ... 1357
97 ... 401
00 ... 1220
10 ... 1192
12 ... 1677
16 ... 1520
33 ... 47
50 ... 509
54 ... 11
59 ... 395
56 ... 334
75 ... 1235
38 ... 1651
92 ... 1428
95 ... 411
97 ... 503
3 ... 33
5 ... 1362
6 ... 505
1 ... 1521
8 ... 1343
7 ... 1368
9 ... 1752
0 ... 1263
0 ... 1318
1 ... 213
2 ... 437
4 ... 417
4 ... 1342
1 ... 394
3 ... 1719
3 ... 146
5 ... 1359
7 ... 517
5 ... 576
7 ... 662
2 ... 1634
0 ... 1219
6 ... 502
3 ... 1699
8 ... 317
9 ... 1756
1 ... 546
8 ... 1646
0 ... 1370
4 ... 555
5 ... 460
52750 ... 1415
52763 ... 1512
52768 ... 494
52776 ... 473
52792 ... 1324
52801 ... 51
52810 ... 1335
52811 ... 1206
52813 ... 1381
52814 ... 1335
52818 ... 1714
52819 ... 1204
52829 ... 1358
52852 ... 49
52863 ... 520
52864 ... 560
52869 ... 586
52876 ... 484
52877 ... 1432
52882 ... 107
52896 ... 1166
52899 ... 1684
52912 ... 1236
52914 ... 569
52939 ... 1486
52941 ... 1520
52942 ... 1554
52945 ... 1359
52946 ... 1478
52947 ... 1322
52958 ... 1322
52960 ... 450
52962 ... 54
52983 ... 1615
52989 ... 1294
52991 ... 1319
52994 ... 1766
53001 ... 1193
53008 ... 458
53009 ... 1665
53017 ... 86
53022 ... 524
53038 ... 493
53043 ... 1757
53047 ... 1363
53051 ... 1743
53055 ... 1759
53057 ... 694
53062 ... 1188
53064 ... 331
53071 ... 1188
53076 ... 509
53079 ... 1188
53087 ... 648
53114 ... 1723
53118 ... 1181
53119 ... 626
53135 ... 1170
53144 ... 1197
53148 ... 417
53153 ... 1319
53169 ... 431
53170 ... 618
53178 ... 54
53181 ... 1570
53190 ... 437
53191 ... 1763
53198 ... 375
53202 ... 106
53203 ... 1582
53233 ... 1339
53248 ... 571
53264 ... 1178
53272 ... 1354
53273 ... 1714
53276 ... 1759
53282 ... 1730
53284 ... 1237
53303 ... 1263
53335 ... 1591
53337 ... 524
53341 ... 1698
53342 ... 105
53343 ... 1749
53350 ... 1733
53360 ... 1755
53361 ... 1684
53364 ... 1222
53369 ... 636
53389 ... 522
53397 ... 1373
53400 ... 1756
53408 ... 631
53411 ... 1729
53414 ... 599
53419 ... 1721
53424 ... 1729
53432 ... 418
53444 ... 451
53461. 1031, 1046, 1060
53465 ... 231
53470 ... 1319
53472 ... 1224
53485 ... 1754
53495 ... 1152
53504 ... 71
53514 ... 624
53517 ... 1507
53524 ... 1375
53525 ... 82
53538 ... 1366
53542 ... 653
53546 ... 1736
53564 ... 565
53569 ... 1314
53592 ... 168
53593 ... 1505
53596 ... 440
53597 ... 1339
53602 ... 1173
53615 ... 150
53618 ... 27
53619 ... 1701
53626 ... 476
53627 ... 17
53631 ... 239
53632 ... 434
53635 ... 416
53636 ... 1355
53646 ... 565
53654 ... 1611
53658 ... 1319
53664 ... 1182
53671 ... 1358
53682 ... 46
53690 ... 1382
53692 ... 294
53693 ... 530
53696 ... 1733
53703 ... 36
53705 ... 1478
53707 ... 492
53713 ... 397
53715 ... 330
53740 ... 512
53741 ... 1428
53744 ... 411
53746 ... 499
53758 ... 1355
53773 ... 436
53781 ... 1725
53785 ... 504
53797 ... 1439
53799 ... 398
53838 ... 484
53842 ... 1181
53843 ... 634
53846 ... 1413
53847 ... 267
53851 ... 439
53853 ... 406
53869 ... 1577
53870 ... 1593
53871 ... 1192
53872 ... 1719
53879 ... 493
53885 ... 1758
53909 ... 523
53910 ... 1534
53911 ... 1187
53915 ... 469
53916 ... 662
53925 ... 1535
53931 ... 478
53936 ... 1519
53953 ... 69
53955 ... 1735
53961 ... 139
53964 ... 1485
53969. 1005, 1041, 1056, 1064, 1074, 1096, 1145
53970 ... 546
53974 ... 469
53976 ... 469
53977 ... 1645
53991 ... 1760
54008 ... 1337
54012 ... 1512
54013 ... 694
54016 ... 1748
54017 ... 494
54028 ... 1178
54042 ... 694
54044 ... 1726
54050 ... 26
54056 ... 517
54058 ... 1373
54061 ... 694
54063 ... 1319
54065 ... 694
54069 ... 442
54071 ... 1665
54084 ... 1753
54113 ... 513
54118 ... 587
54119 ... 1188
54120 ... 453
54127 ... 71
54135 ... 1176
54160 ... 1733
54163 ... 1148
54166 ... 98
54168 ... 1327
54169 ... 1390
54181 ... 1176
54186 ... 1681
54198 ... 413
54207 ... 1321
54215 ... 1379
54220 ... 444
54223 ... 413
54250 ... 1545
54251 ... 558
54264 ... 1282
54266 ... 84
54276. 1044, 1058, 1067, 1347
54293 ... 1383
54307 ... 1570
54311 ... 386
54320 ... 1434
54325 ... 84
54329 ... 391
54330 ... 1293
54332 ... 545
54337 ... 120
54368 ... 633
54380 ... 1664
54385 ... 1567
54400 ... 1672
54405 ... 157
54410 ... 1385
54420 ... 1356
54427 ... 492
54439 ... 428
54440 ... 1763
54446 ... 1379
54452 ... 1582
54453 ... 582
54461 ... 1721
54484 ... 1340
54514 ... 524
54531 ... 1344
54533 ... 1256
54535 ... 1378
54536 ... 1548
54539 ... 1731
54540 ... 128
54542 ... 1518
54553 ... 1555
54564 ... 1487
54575 ... 605
54578 ... 382
54584 ... 1598
54586 ... 524
54588 ... 1236
54607 ... 1744
54611 ... 399
54613 ... 1222
54625 ... 1198
54626 ... 1558
54631 ... 1720
54638 ... 522
54643 ... 579
54645 ... 1763
54647 ... 1320
54660 ... 1728
54665 ... 1559
54666 ... 1567
54668 ... 1717
54669 ... 520
54680 ... 436
54681 ... 414
54685 ... 123
54719 ... 1320
54723 ... 597
54724 ... 602
54725 ... 488
54729 ... 706
54734 ... 1599
54745 ... 1734
54747 ... 1380
54749 ... 272
54760 ... 1247
54763 ... 624
54765 ... 1327
54786 ... 536
54806 ... 1305
54814 ... 1413
54817 ... 425
54819 ... 1356
54835 ... 500
54843 ... 1243
54858 ... 471
54859 ... 1175
54874 ... 1391
54880 ... 424
54889 ... 1377
54903 ... 548
54905 ... 1359
54906 ... 1376
54907 ... 698
54918 ... 1323
54919 ... 436
54931 ... 24
54935 ... 61
54948 ... 63
54955 ... 488
54962 ... 663
54963 ... 1219
54964 ... 275
54978 ... 486
54982 ... 1306
54989 ... 436
54990 ... 1428
54993 ... 416
55007 ... 1355
55010 ... 250
55011 ... 1735
55028 ... 1437
55034 ... 1382
55037 ... 1378
55039 ... 1415
55041 ... 487
55046 ... 432
55049 ... 186
55051 ... 1067, 1348
55055 ... 1384
55058 ... 1383
55060 ... 477
55061 ... 1506
55062 ... 1730
55064 ... 1343
55066 ... 1281
55067 ... 1746
55081 ... 1600
55092 ... 635
55104 ... 1382
55109 ... 1581
55110 ... 440
55111 ... 1380
55113 ... 1318
55114 ... 706
55126 ... 1217
55134 ... 1758
55137 ... 372
55138 ... 1378
55142 ... 1704
55165 ... 662
55168 ... 706
55171 ... 529
55172 ... 1703
55176 ... 1590
55181 ... 1281
55193 ... 1719
55197 ... 1703
55204 ... 1735
55208 ... 1590
55214 ... 1697
55218 ... 529
55219 ... 546
55222 ... 444
55224 ... 653
55232 ... 375
55234 ... 545
55241 ... 1646
55242 ... 491
55248 ... 397
55251 ... 509
55265 ... 1748
55269 ... 98
55274 ... 1175
55279 ... 445
55280 ... 487
55291 ... 1172
55303 ... 446
55305 ... 517
55312 ... 1354
55313 ... 1563
55317 ... 1581
55320 ... 1664
55322 ... 410
55324 ... 1720
55327 ... 1340
55329 ... 609
55333 ... 1754
55336 ... 1720
55340 ... 1236
55351 ... 1720
55352 ... 1720
55358 ... 1184
55367 ... 587
55372 ... 1353
55379 ... 1271
55394 ... 631
55403 ... 1175
55406 ... 1175
55408 ... 1183
55413 ... 1175
55418 ... 1385
55434 ... 1327
55441 ... 535
55452 ... 1729
55458 ... 530
55459 ... 1188
55460 ... 1737
55464 ... 1379
55466 ... 459
55470 ... 452
55478 ... 1176
55494 ... 330
55500 ... 449
55501 ... 1747
55502 ... 1326
55505 ... 1355
55520 ... 432
55521 ... 1415
55531 ... 1542
55551 ... 256
55562 ... 304
55573 ... 1325
55586 ... 1220
55609 ... 446
55625 ... 428
55631 ... 569
55638 ... 1327
55646 ... 459
55666 ... 566
55676 ... 487
55689 ... 1762
55694 ... 1481
55698 ... 1376
55711 ... 1349
55719 ... 77
55731 ... 1238
55735 ... 159
55740 ... 1361
55743 ... 624
55750 ... 536
55761 ... 268
55765 ... 1419
55768 ... 1355
55785 ... 1220
55787 ... 1545
55789 ... 125
55790 ... 1723
55801 ... 1272
55806 ... 1188
55828 ... 1540
55833 ... 1591
55837 ... 1237
55854 ... 1359
55856 ... 1744
55858 ... 1754
55868 ... 1627
55896 ... 1289
55909 ... 1727
55913 ... 1424
55915 ... 1567
55918 ... 142
55932 ... 1592
55943 ... 549
55945 ... 471
55966 ... 482
55981 ... 1276
55985 ... 1402
56014 ... 1325
56025 ... 1361
56027 ... 1258
56040 ... 395
56043 ... 544
56050 ... 254
56051 ... 122
56060 ... 1507
56080 ... 703
56093 ... 442
56108 ... 1176
56116 ... 1184
56133 ... 371
56134 ... 1295
56137 ... 1734
56141 ... 1349
56159 ... 1683
56162 ... 1199
56168 ... 431
56180 ... 22
56184 ... 37
56188 ... 1382
56201 ... 7
56211 ... 663
56237 ... 1359
56240 ... 1373
56242 ... 1329
56252 ... 1742
56256 ... 1169
56257 ... 618
56276 ... 618
56281 ... 158
56283 ... 618
56285 ... 1309
56290 ... 597
56311 ... 1724
56313 ... 375
56335 ... 120
56336 ... 542
56338 ... 1462
56353 ... 1360
56358 ... 1598
56360 ... 69
56370 ... 316
56379 ... 1532
56381 ... 1181
56383 ... 1758
56391 ... 593
56400 ... 63
56414 ... 662
56427 ... 1571
56434 ... 541
56435 ... 1309
56438 ... 1437
56440 ... 1329
56442 ... 541
56446 ... 541
56459 ... 1363
56467 ... 540
56484 ... 1578
56487 ... 1140
56497 ... 437
56501 ... 1375
56510 ... 440
56513 ... 300
56514 ... 1747
56517 ... 1184
56523 ... 493
56525 ... 1322
56548 ... 24
56550 ... 701
56554 ... 517
56559 ... 516
56565 ... 1506
56570 ... 1733
56578 ... 1197
56580 ... 1177
56583 ... 462
56595 ... 706
56599 ... 706
56604 ... 434
56611 ... 553
56616 ... 587
56628 ... 1289
56633 ... 1728
56636 ... 445
56637 ... 1428
56641 ... 1175
56657 ... 1737
56660 ... 889, 1138
56662 ... 1613
56667 ... 1666
56684 ... 1679
56705 ... 1361
56708 ... 408
56709 ... 1737
56718 ... 1439
56726 ... 6
56729 ... 1185
56730 ... 702
56745 ... 1358
56754 ... 1584
56756 ... 1664
56761 ... 548
56764 ... 651
56767 ... 476
56811 ... 288
56813 ... 524
56820 ... 437
56832 ... 1176
56840 ... 1728
56866 ... 623
56873 ... 1635
56876 ... 451
56883 ... 1567
56891 ... 1438
56896 ... 1438
56913 ... 83
56921 ... 1438
56925 ... 32
56926 ... 1703
56928 ... 1183
56929 ... 695
56959 ... 1648

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TESSCO Part Number (SKU) Index

56962 1273
56967 1300
56978 450
56980 1268
56985 562
56986 1524
56992 625
56997 1738
57007 1380
57011 1411
57019 547
57022 644
57025 1731
57026 524
57039 1723
57043 1714
57064 1324
57070 630
57077 1195
57082 1591
57096 460
57107 1755
57109 1355
57116 1345
57124 694
57147 398
57149 1211
57158 1746
57167 519
57170 520
57177 1736
57179 409
57182 515
57187 521
57195 1320
57209 1679
57215 1377
57218 1343
57230 1358
57242 1363
57259 535
57263 292
57290 1420
57293 1181
57305 1373
57310 1756
57333 539
57340 1503
57341 1278
57343 1184
57344 1275
57347 1382
57360 114
57361 1433
57365 31
57371 1663
57372 475
57379 474
57388 1487
57390 1273
57405 438
57408 1682
57414 1485
57417 428
57420 266
57427 443
57431 1276
57433 144
57434 85
57437 1380
57438 1212
57439 593
57442 694
57450 34
57452 694
57460 663
57462 325
57475 1327
57479 1640
57484 1653
57493 273
57505 1203
57506 1174
57527 1320
57549 1348
57560 1725
57565 1729
57582 1764
57584 1424
57585 536
57587 1462
57589 1395
57599 1655
57607 1598
57616 1478
57619 307
57626 495
57628 1360
57630 1493
57632 1756
57634 1322
57650 657
57653 66
57661 457
57664 1267
57669 1434
57673 657
57691 1324
57699 1554
57704 395
57716 173
57717 547
57722 395
57726 1357
57727 123
57734 327
57748 1384
57749 1198
57754 524
57757 402
57759 443
57763 1747
57765 1193
57772 32
57776 186
57779 14
57785 1719
57797 18
57799 453
57803 516
57810 1359
57822 566
57827 1221
57831 1754
57836 1757
57848 695
57849 695
57851 167
57853 442
57859 519
57878 694
57882 1747
57883 662
57884 694
57886 1428
57888 1374
57890 1176
57894 654
57897 392
57899 655
57904 341
57905 655
57906 654
57916 1389
57921 600
57923 1583
57929 81
57933 654
57941 1322
57944 1681
57948 654
57960 654
57967 1318
57970 1689
57973 654
57976 1375
57977 654
57979 701
57980 479
57988 654
57989 1182
57990 394
57997 655
57998 548
57999 1743
58002 529
58003 1584
58009 1321
58013 653
58022 1212
58030 655
58034 1545
58038 1545
58039 1555
58045 655
58047 1555
58054 509
58060 305
58066 510
58089 1726
58095 1375
58096 250
58098 132
58102 1389
58104 137
58114 1682
58115 635
58117 1555
58123 442
58127 1559
58132 1658
58137 1581
58156 454
58167 1356
58168 1430
58169 1752
58184 663
58193 1737
58211 1196
58212 1428
58217 503
58219 1684
58239 1408
58242 1620
58247 1376
58254 1202
58284 1718
58288 1754
58292 1202
58296 1264
58300 1383
58311 1422
58322 593
58324 23
58331 1568
58341 552
58343 327
58352 122
58356 1388
58368 623
58372 1198
58373 52
58377 436
58383 478
58385 521
58390 579
58394 1345
58396 398
58398 333
58401 597
58407 1742
58413 1601
58415 432
58416 102
58419 412
58424 77
58426 333
58432 149
58435 1737
58441 551
58443 470
58447 1684
58453 412
58463 1561
58465 436
58473 333
58479 1346
58482 412
58483 412
58487 418
58502 333
58504 1722
58521 80
58528 69
58538 396
58547 1237
58556 69
58557 69
58559 1752
58565 1395
58568 69
58573 69
58581 69
58592 1650
58598 1283
58607 1309
58613 70
58615 1387
58626 69
58630 519
58646 609
58648 70
58653 70
58657 1682
58659 1510
58665 1302
58666 439
58671 424
58678 532
58682 65
58685 245
58686 1380
58689 1484
58698 33
58699 10
58706 584
58724 1354
58728 1633
58733 1665
58745 1748
58764 1333
58772 1646
58776 433
58785 1179
58794 440
58795 668
58809 1730
58826 647
58828 1341
58831 1763
58834 530
58838 1182
58852 137
58857 483
58860 1266
58866 1707
58868 319
58881 1760
58910 457
58957 1455
58963 1149
58966 547
58994 483
59001 1382
59003 540
59004 1252
59008 440
59012 1747
59016 377
59029 486
59030 512
59038 1171
59046 473
59057 514
59080 1755
59083 1765
59090 158
59096 1186
59100 165
59109 553
59122 1361
59131 1721
59134 1175
59138 498
59139 27
59140 1454
59143 1543
59152 454
59153 1573
59156 1764
59164 1324
59165 1667
59170 599
59177 1341
59185 1760
59190 1318
59191 1703
59195 1600
59197 1484
59200 329
59203 1361
59211 1192
59215 1154
59222 392
59226 1521
59232 539
59234 1762
59236 274
59239 1432
59241 1432
59247 492
59248 616
59262 654
59283 1383
59297 668
59299 1186
59302 151
59304 1202
59311 1220
59324 1707
59338 1728
59353 559
59355 488
59358 570
59364 635
59366 600
59374 431
59383 694
59390 439
59393 307
59403 1701
59404 451
59423 608
59428 643
59434 1714
59440 1432
59443 1319
59446 1196
59455 1549
59458 24
59464 170
59468 1684
59476 403
59478 1238
59492 662
59496 1373
59498 1650
59507 161
59508 286
59517 434
59520 397
59523 1730
59524 249
59533 1719
59537 1537
59545 1332
59566 1177
59567 275
59568 417
59573 694
59592 319
59601 60
59617 623
59622 48
59637 1764
59643 1345
59656 1742
59658 404
59664 1556
59665 513
59686 1374
59690 551
59691 884
59696 1637
59703 136
59704 455
59705 1559
59716 439
59718 525
59720 1386
59722 531
59735 1375
59736 635
59737 495
59744 1169
59745 531
59769 1633
59770 38
59775 523
59779 1345
59787 400
59796 1015, 1022, 1029, 1079, 1085, 1095, 1142
59815 417
59824 476
59832 1614
59837 1518
59838 1765
59839 1180
59847 574
59851 702
59858 47
59861 575
59862 70
59867 403
59880 1213
59885 1375
59891 510
59906 1683
59908 1217
59917 1506
59931 35
59936 448
59940 1710
59944 294
59989 544

6

60015 1390
60033 310
60042 429
60058 1726
60064 678
60077 1598
60082 1546
60083 530
60101 77
60104 133
60107 1380
60117 1719
60123 572
60130 1759
60132 1172
60139 479
60140 1564
60143 45
60164 1688
60171 1285
60178 1757
60196 379
60201 1170
60202 1321
60212 1718
60215 557
60225 575
60229 1381
60234 518
60243 494
60257 433
60273 1742
60288 1765
60295 31
60304 1531
60308 1297
60313 1543
60323 1358
60325 1219
60329 1755
60332 413
60335 1413
60346 1305
60350 1364
60356 1620
60363 585
60365 1656
60369 402
60374 433
60380 1726
60381 662
60395 651
60397 3
60421 1383
60423 336
60429 1153
60432 1625
60441 433
60448 285
60451 1375
60452 42
60456 209
60464 1356
60465 469
60467 469
60471 196
60481 538
60484 502
60511 395
60520 305
60526 1189
60527 566
60538 1163
60540 624
60553 1202
60554 566
60573 1707
60582 593
60586 1478
60587 1728
60600 1364
60605 1240
60607 569
60608 426
60623 1764
60625 1559
60633 1514
60639 428
60646 1263
60651 1242
60653 451
60654 469
60662 1217
60677 1564
60684 434
60686 1190
60692 1305
60693 1271
60695 1374
60697 1305
60713 182
60717 1305
60727 1250
60730 1727
60731 1355
60735 1538
60740 1358
60747 1650
60754 495
60782 1717
60795 1348
60801 1431
60812 1544
60817 1376
60820 593
60825 685
60831 499
60850 61
60859 291
60862 1155
60867 299
60871 25
60882 605
60889 1156
60891 459
60914 513
60917 1733
60934 1722
60935 1373
60939 550
60977 1304
60981 426
60994 51
60995 1576
61000 657
61009 1353
61019 64
61020 582
61036 398
61057 1756
61070 81
61073 488
61083 597
61085 1763
61089 1321
61092 327
61094 1373
61095 1291
61107 45
61109 1386
61110 575
61112 1720
61132 569
61142 518
61148 236
61152 700
61155 1683
61157 1458
61159 1361
61167 272
61170 694
61180 43
61182 649
61184 694
61186 1676
61189 694
61190 1562
61191 1476
61201 1031
61206 694
61207 401
61209 316
61210 696
61214 318
61225 696
61248 695
61251 452
61253 1386
61255 1747
61265 1274
61269 695
61272 533
61276 614
61282 1425
61284 506
61291 442
61303 1185
61307 1683
61310 406
61312 1744
61316 1508
61320 47
61332 531
61337 634
61347 486
61348 505
61350 74
61366 1717
61372 701
61375 1303
61379 1761
61382 406
61386 610
61392 44
61413 1677
61427 1757
61434 1430
61441 1687

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45 1459
62 1197
63 1716
83 222
86 603
92 223
06 434
08 1177
09 125
17 1148
19. 1004, 1041,
056, 1064,
070, 1074, 1144
21 643
26 1552
28 444
30 443
40 ... 1031, 1046
42 486
50 561
53 1593
54 1716
55 527
57 1262
62 1203
65 1192
68 1194
78 1755
79 573
83 1722
84 1699
90 625
95 1625
96 1279
00 442
12 581
17 1689
18 395
29 1729
30 662
45 1632
54 170
54 491
58 604
75 1318
81 1379
82 1565
88 1320
00 468
01 41
04 381
3 529
4 1742
5 1213
6 552
7 1434
6 616
8 85
3 1176
8 1375
4 538
9 1370
1 1379
3 889
4 519
4 1205
1 591
6 1727
7 518
3 481
4 1592
8 423
1 1670
4 1382
9 1677
3 1326
8 1296
0 1377
0 130
9 1546
1 32
9 550
6 418
7 1172
4 502
6 1244

61979 1580
61980 1735
61987 1432
61988 625
61996 1650
61998 481
62003 495
62006 481
62010 1597
62031 1552
62033 1183
62035 1720
62052 404
62055 1547
62066 1374
62069 1220
62071 1193
62078 1595
62092 1529
62099 40
62121 1688
62127 537
62134 664
62140 459
62151 1167
62161 489
62162 1580
62163 511
62177 1593
62179 63
62187 1615
62190 602
62201 581
62217 455
62226 1296
62229 562
62233 1377
62235 495
62251 510
62255 143
62257 1182
62259 1328
62262 437
62286 1762
62294 1189
62306 1750
62307 74
62308 1167
62326 1334
62332 597
62335 470
62336 1586
62339 657
62340 657
62341 320
62343 1377
62354 664
62355 405
62357 657
62359 537
62367 1373
62370 51
62377 1737
62379 1243
62397 1383
62404 1681
62413 433
62424 496
62425 1322
62427 452
62429 2
62435 1626
62446 31
62480 1324
62488 1148
62498 651
62500 452
62530 482
62531 335
62534 498
62535 1736
62560 1750
62572 1308
62583 1462
62585 1182
62586 627

62591 645
62594 434
62603 1577
62606 633
62612 1743
62615 1717
62617 1705
62621 701
62624 439
62628 1761
62632 1751
62634 1414
62641 24
62644 451
62646 137
62681 1414
62695 1752
62698 1189
62701 1256
62703 1189
62709 594
62711 1189
62713 546
62730 331
62735 965
62757 1342
62759 1747
62770 1265
62775 1594
62779 1353
62784 331
62789 1698
62793 605
62797 1153
62798 73
62799 560
62802 1698
62803 168
62804 460
62806 1262
62809 1321
62813 411
62814 509
62827 1755
62828 1697
62842 404
62845 1425
62846 646
62849 442
62854 478
62855 546
62861 580
62865 1425
62867 394
62874 546
62878 1725
62889 1680
62906 570
62909 1409
62912 1538
62914 554
62941 404
62950 1319
62955 338
62971 41
62973 1182
62984 1213
62999 425
63005 1320
63013 1183
63036 1163
63049 115
63056 1216
63068 284
63085 1725
63086 517
63093 1592
63106 504
63111 1657
63113 1381
63116 1220
63122 1657
63128 1667
63152 469
63157 1383
63174 1759

63179 1364
63182 301
63191 1235
63195 1376
63199 1742
63211 422
63226 430
63229 1735
63239 662
63255 299
63258 1187
63262 1180
63274 1343
63278 1518
63284 1717
63285 536
63301 1360
63302 1722
63304 1547
63306 1717
63307 1422
63318 1221
63321 1729
63322 490
63327 1595
63339 1719
63346 1189
63348 1357
63352 1390
63356 1189
63359 1189
63360 1554
63363 1189
63365 1188
63369 473
63379 491
63380 461
63384 570
63386 1485
63390 1188
63400 1167
63403 518
63406 1192
63407 458
63412 510
63420 457
63427 1555
63428 35
63432 60
63433 1154
63434 601
63437 551
63447 644
63452 1384
63454 1745
63461 1494
63466 1721
63475 1296
63479 1512
63487 1182
63492 51
63496 489
63508 330
63509 173
63513 1403
63523 518
63525 372
63530 1318
63531 1378
63534 1463
63535 1734
63536 1760
63539 523
63550 1737
63551 417
63564 331
63580 560
63582 617
63591 417
63592 518
63598 417
63602 417
63604 403
63623 464
63631 455
63633 339

63642 1723
63647 1553
63649 1376
63650 699
63653 1679
63660 1434
63661 70
63676 452
63689 1730
63695 29
63705 401
63724 459
63738 498
63743 1563
63760 1380
63780 1332
63823 459
63830 531
63834 1181
63835 483
63836 436
63845 1751
63850 1751
63869 1360
63878 446
63893 1647
63897 1620
63901 569
63906 253
63907 1764
63919 1584
63925 1167
63948 1719
63959 1218
63972 447
63976 1742
63979 283
64006 582
64019 1260
64028 1321
64037 515
64042 605
64046 1153
64051 1586
64059 527
64060 1388
64063 1179
64064 1517
64068 1188
64072 148
64076 1754
64079 453
64080 1223
64088 626
64089 271
64101 436
64105 522
64108 605
64110 583
64117 1299
64127 1729
64153 1655
64159 1188
64161 1538
64167 1379
64178 1686
64186 1362
64196 1164
64199 1335
64207 1714
64208 577
64220 9
64221 1188
64228 1597
64235 1434
64258 654
64266 555
64276 1197
64279 1204
64284 392
64285 966
64288 326
64292 141
64298 1478
64305 1216
64309 1508

64315 371
64318 1205
64325 1374
64329 339
64334 1724
64335 516
64347 1254
64348 443
64352 1357
64358 1715
64370 610
64377 1679
64383 570
64390 77
64398 74
64406 1383
64422 ..... 880, 885
64427 1751
64436 336
64440 1235
64453 1665
64460 416
64462 499
64487 1335
64494 749
64499 597
64501 535
64523 1341
64533 1716
64534 1729
64553 1547
64556 214
64558 1187
64559 623
64588 1286
64590 1311
64594 1702
64601 1758
64602 1342
64606 430
64609 1153
64613 623
64618 147
64641 548
64643 1574
64647 1639
64652 1766
64658 1566
64659 489
64661 503
64669 123
64677 39
64686 549
64698 1375
64709 602
64724 1337
64728 1512
64730 1373
64738 1455
64755 631
64760 441
64764 1237
64768 1197
64772 516
64779 1188
64781 1188
64784 1203
64787 1236
64788 522
64800 1753
64804 103
64812 1727
64828 516
64829 560
64830 643
64834 587
64863 104
64864 1684
64882 95
64884 1326
64898 1722
64899 105
64905 1196
64906 20
64908 1361
64910 1320

64923 1317
64925 450
64926 422
64927 57
64944 28
64956 280
64959 1563
64983 1657
64998 436
65012 1363
65014 1663
65018 449
65020 1663
65021 1663
65034 1421
65046 1568
65071 1364
65078 572
65079 530
65081 1421
65083 1181
65084 635
65098 570
65101 1595
65118 562
65125 1568
65143 56
65144 507
65147 1345
65150 569
65151 335
65152 1181
65155 1182
65156 1763
65168 1584
65173 507
65177 507
65185 10
65198 1322
65209 507
65223 511
65228 69
65230 507
65232 1625
65243 507
65248 112
65249 1356
65253 436
65266 515
65274 1612
65278 1654
65282 1327
65291 600
65293 1744
65300 1577
65302 528
65303 ..... 732, 737,
818, 825, 882,
887, 897, 1142
65305 1715
65307 112
65308 1746
65325 1754
65329 1223
65332 143
65337 626
65346 1619
65359 582
65360 397
65362 1376
65365 394
65367 643
65370 376
65376 1728
65390 493
65399 1589
65402 1366
65424 569
65433 1619
65436 534
65442 246
65448 1360
65455 1634
65456 1714
65457 1619
65469 701

65472 1554
65476 505
65479 624
65482 1499
65484 1434
65490 475
65497 1665
65498 514
65541 89
65555 630
65556 453
65558 1506
65559 1257
65562 1293
65571 520
65573 160
65575 1766
65580 402
65596 681
65597 1266
65598 1372
65601 1255
65607 326
65611 529
65628 1457
65630 1329
65634 1326
65647 44
65654 836
65656 551
65663 1719
65668 11
65672 471
65680 334
65681 1182
65691 1532
65699 1379
65705 512
65706 1428
65710 1340
65717 1153
65723 1170
65724 490
65727 1735
65750 505
65760 428
65763 1685
65778 1731
65782 47
65783 1753
65788 517
65789 297
65794 1250
65803 1208
65807 1183
65828 1342
65836 602
65862 623
65871 645
65874 523
65875 1298
65881 663
65896 1634
65904 1219
65920 404
65927 1699
65935 546
65942 1646
65959 1558
65962 645
65973 1344
65977 1512
65980 419
65982 494
66007 1173
66015 50
66025 1375
66027 1380
66028 1241
66032 1714
66033 1204
66036 1358
66043 1358
66048 1558
66049 1753
66054 1215

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TESSCO Part Number (SKU) Index

66062 331
66068 238
66069 93
66077 520
66078 513
66086 888, 1146
66091 391
66101 663
66104 1428
66106 1583
66107 450
66112 373
66113 1684
66135 1180
66149 474
66151 1681
66152 537
66172 1322
66174 450
66176 33
66181 1373
66193 7
66197 1717
66204 1148
66205 1295
66229 1173
66230 521
66236 1734
66258 1382
66264 1636
66267 1493
66268 1728
66273 1201
66278 1432
66297 545
66307 1591
66308 518
66310 1178
66312 552
66320 1365
66322 1178
66324 161
66327 571
66333 627
66346 1178
66351 1203
66375 1388
66390 552
66392 54
66400 552
66403 552
66404 437
66405 1763
66412 596
66417 1582
66436 1373
66438 519
66443 596
66447 1282
66456 1361
66459 1368
66462 478
66466 1352
66471 596
66473 1205
66477 335
66479 528
66481 1479
66483 1714
66490 520
66492 596
66494 1598
66496 1730
66497 596
66502 1732
66506 1523
66508 1609
66517 1264
66526 1373
66528 1524
66529 191
66539 1671
66540 604
66543 1546
66544 1524
66545 571
66549 1594
66550 1524
66551 524
66557 1746
66569 632
66570 1320
66572 1744
66574 1755
66592 1753
66614 396
66616 1454
66623 1619
66625 1727
66628 598
66633 1719
66642 146
66644 1177
66645 1620
66649 1455
66658 451
66659 559
66661 1455
66672 502
66674 1455
66679 455
66682 1455
66685 1699
66694 706
66695 572
66697 1321
66700 336
66718 71
66722 1634
66723 1634
66725 1634
66728 624
66729 1607
66733 394
66739 1372
66746 1372
66756 652
66760 1736
66807 1505
66811 1277
66812 1547
66816 1173
66823 1750
66832 27
66833 1192
66846 433
66849 411
66850 1303
66860 561
66868 548
66872 1319
66877 1458
66878 1180
66879 21
66885 1358
66887 1186
66890 115
66893 468
66895 115
66900 130
66904 1382
66913 1477
66919 1478
66921 487
66926 604
66929 330
66938 1319
66942 1329
66951 1651
66954 512
66955 1428
66958 422
66960 498
66972 1356
66984 1191
66985 1187
66993 1187
66995 1725
66999 504
67002 1426
67011 1186
67030 1420
67032 1385
67044 885
67051 124
67056 1181
67061 885
67063 463
67065 439
67074 1586
67085 749
67087 564
67099 1758
67116 64
67119 1599
67130 663
67139 417
67140 381
67145 478
67147 1758
67158 1719
67160 527
67167 480
67177 1546
67178 568
67181 47
67184 546
67196 459
67199 545
67214 438
67217 1187
67226 1512
67227 1172
67233 139
67236 454
67241 1357
67252 1706
67264 25
67270 517
67281 1507
67285 1665
67286 551
67290 473
67294 1715
67297 565
67298 1753
67311 332
67315 26
67320 440
67328 648
67332 587
67333 631
67349 1175
67371 335
67378 147
67383 1386
67388 102
67400 1679
67404 434
67408 1322
67409 131
67423 511
67425 1737
67429 1379
67436 562
67438 295
67446 442
67458 1192
67464 1599
67467 1326
67471 458
67473 524
67485 1734
67490 1556
67498 560
67515 394
67526 561
67527 27
67546 545
67550 1413
67551 1220
67557 517
67561 1350
67569 1387
67574 1544
67579 1462
67581 1176
67582 633
67589 1635
67590 429
67594 1664
67599 1566
67608 609
67624 1385
67625 517
67640 1182
67641 487
67652 531
67653 428
67656 443
67658 1577
67660 1383
67669 398
67671 1287
67675 1731
67684 1343
67687 1413
67708 624
67721 1202
67726 278
67730 1420
67747 1243
67750 1548
67753 1731
67754 126
67770 1760
67779 1348
67804 1514
67815 497
67819 1356
67821 1744
67828 187
67829 1556
67834 618
67852 1395
67855 651
67857 577
67863 452
67864 452
67865 452
67866 589
67874 1730
67877 521
67880 1567
67882 1449
67896 18
67906 402
67908 557
67933 1320
67934 1558
67937 597
67945 468
67970 555
67979 1325
67985 457
68000 1454
68008 544
68034 628
68035 452
68040 452
68049 500
68050 630
68052 1216
68054 449
68057 1243
68060 1277
68090 449
68093 543
68098 382
68099 449
68103 1377
68120 1375
68121 700
68133 438
68135 449
68136 1690
68140 69
68149 61
68153 1382
68158 449
68169 1637
68176 663
68178 337
68186 438
68187 1235
68189 1705
68191 1218
68193 644
68196 1306
68200 1651
68203 510
68205 1374
68215 399
68221 1355
68225 1734
68243 1566
68248 1378
68250 1309
68254 1544
68255 479
68256 1544
68260 434
68263 1596
68265 1007, 1044, 1059, 1067, 1076, 1348
68276 1725
68278 1270
68289 25
68295 1599
68306 635
68308 439
68323 1581
68335 1346
68348 1758
68352 1730
68359 520
68364 455
68375 477
68379 663
68385 529
68397 601
68401 1236
68411 1378
68416 59
68418 1735
68420 166
68422 1590
68424 1710
68433 547
68467 550
68471 1344
68480 449
68481 1166
68490 1318
68491 1176
68513 25
68516 450
68517 509
68519 517
68529 1373
68531 1580
68532 1325
68534 1664
68536 409
68541 1340
68543 563
68547 1753
68548 651
68554 1184
68555 563
68563 1175
68566 558
68569 428
68574 496
68576 557
68580 1333
68590 573
68593 1271
68598 1175
68604 1581
68605 106
68612 493
68619 527
68632 1666
68633 603
68640 251
68642 563
68643 563
68649 1682
68652 563
68659 1601
68660 1317
68661 407
68673 563
68674 1737
68680 459
68687 547
68695 549
68698 456
68704 504
68708 563
68712 563
68713 30
68715 445
68716 1325
68721 1676
68729 563
68733 1745
68734 563
68740 1434
68746 563
68748 1733
68750 1706
68753 241
68756 1381
68757 563
68764 1387
68776 563
68778 563
68779 426
68780 563
68796 1647
68801 563
68802 563
68803 1567
68804 467
68805 1728
68807 1146
68809 527
68810 563
68817 519
68819 563
68830 1177
68831 634
68837 563
68839 429
68846 563
68851 231
68860 1546
68863 565
68869 490
68876 249
68877 573
68886 573
68902 96
68912 1375
68923 1330
68924 1720
68937 635
68945 1269
68948 372
68949 1765
68950 575
68957 624
68976 1410
68982 599
68995 1062
69000 1751
69004 1723
69006 1165
69027 501
69029 1324
69038 604
69047 1591
69048 1376
69051 1317
69054 1647
69059 1177
69065 1172
69068 1358
69071 504
69072 1755
69073 1559
69074 1556
69106 577
69110 1292
69112 1708
69126 599
69131 1337
69132 519
69146 1592
69152 1538
69154 1032
69157 554
69189 180
69195 1359
69215 493
69228 267
69231 1593
69234 1205
69237 115
69241 1249
69257 543
69258 1186
69263 585
69274 1506
69288 685
69293 490
69294 1551
69306 1279
69313 430
69322 1177
69329 1581
69344 429
69346 519
69348 1336
69350 1195
69351 1729
69355 1349
69372 1358
69373 1682
69382 431
69386 510
69394 22
69398 37
69408 1146
69410 1499
69425 663
69427 338
69452 1737
69489 647
69514 1348
69518 1205
69520 1193
69525 1730
69540 1211
69542 1211
69554 1186
69555 1636
69565 1211
69569 158
69585 1211
69595 1211
69597 1758
69601 1727
69607 1625
69614 63
69618 579
69626 457
69628 662
69641 1572
69651 459
69658 1271
69675 1515
69679 591
69696 1725
69699 334
69717 1384
69724 430
69728 1747
69729 515
69740 1701
69749 1209
69754 1171
69762 24
69764 701
69765 1436
69766 1758
69768 516
69773 516
69780 1204
69792 1715
69816 93
69817 1327
69818 432
69825 555
69829 524
69830 585
69842 1271
69847 1741
69851 1428
69853 1375
69858 1165
69866 431
69876 1275
69880 1324
69888 614
69892 1374
69900 100
69907 439
69916 1627
69923 1731
69928 113
69929 458
69938 420
69939 555
69941 1378
69944 702
69945 479
69953 1213
69956 1353
69963 549
69970 1598
69975 444
69978 654
69982 1601
69983 1193
69989 1652
69997 1331
69999 1545

7

70020 530
70027 518
70034 438
70053 1372
70054 1727
70066 1447
70067 1387
70072 61
70079 1683
70080 623
70082 1372
70097 1567
70109 306
70111 422
70132 1356
70135 595
70140 1698
70146 1236
70154 97
70175 1600
70176 1273
70192 450
70194 1268
70200 1709
70202 605
70206 625
70212 1377
70213 450
70225 1411
70230 569
70234 1381
70236 644
70247 1201
70253 1723
70267 702
70269 651
70278 1324
70282 1637
70285 50
70287 603
70289 445
70300 1236
70311 1194
70317 117

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1755
1277
450
1314
446
579
399
1404
1168
1704
1564
1015, 1022,
9, 1070,
9, 1086,
0, 1096,
9, 1145
79
1393
374
1609
436
1323
549
471
1679
1277
475
421
1006, 1043,
3, 1066,
, 1075, 1391
71
572
633
1721
1382
394
1490
1756
1662
1275
1275
1352
461
1430
694
522
694
1682
1728
433
266
479
1379
1383
150
593
1381
1379
1634
1384
1380
663
1239
1635
432
1665
589
538
1448
1439
1733
123
1007, 1044,
, 1067,
, 1348
545
1726
1601
1193
1675
1415
1764
536
1415
1598

70823 107
70830 1463
70833 303
70838 1464
70844 1185
70846 1756
70872 553
70880 1688
70891 562
70902 1360
70906 1732
70916 1716
70917 1324
70921 576
70924 549
70931 547
70932 1677
70936 395
70942 1558
70952 1579
70963 1560
70965 1173
70966 1382
70969 1335
70970 1560
70972 1532
70973 442
70975 1682
70977 1747
70990 1698
70995 1488
70999 1719
71011 4
71013 453
71014 1377
71017 516
71022 519
71029 1573
71030 1218
71041 1221
71045 1755
71046 1760
71049 1736
71062 111
71066 1326
71067 442
71073 519
71088 1372
71104 1177
71121 1271
71123 897, 923
71124 1210
71129 1323
71130 1389
71135 599
71142 1342
71147 1681
71155 1362
71158 1486
71160 426
71163 370
71176 52
71180 1155
71187 380
71189 9
71193 701
71194 479
71197 540
71198 1254
71200 534
71211 1190
71212 1368
71213 1743
71219 1664
71223 1321
71227 653
71234 1166
71239 173
71246 1368
71255 1419
71259 1212
71274 1432
71276 1743
71291 69
71303 1726
71312 76

71319 480
71321 72
71328 1683
71329 634
71341 1559
71346 1658
71347 1151
71369 451
71370 454
71383 1752
71384 603
71400 1558
71407 1716
71408 1650
71426 1428
71433 1684
71434 1039, 1054, 1063
71481 1414
71490 404
71498 1718
71499 404
71501 404
71502 1754
71510 1455
71511 404
71514 1381
71515 437
71522 436
71526 437
71528 438
71536 413
71538 23
71543 407
71547 414
71557 326
71562 528
71565 1060
71566 65
71572 414
71573 451
71576 1609
71582 623
71583 528
71585 528
71586 1198
71597 1508
71599 521
71601 493
71604 579
71609 440
71625 575
71632 574
71652 1032
71655 556
71672 1669
71696 515
71703 1748
71712 505
71721 1466
71722 408
71729 387
71731 256
71734 515
71752 402
71763 1148
71765 244
71773 1752
71775 1166
71779 1620
71792 91
71801 1762
71813 607
71823 600
71826 1595
71827 69
71828 29
71829 1387
71841 425
71842 46
71843 530
71855 5
71856 1358
71871 1682
71879 1180
71888 1179

71896 59
71900 1175
71913 1176
71923 369
71925 321
71926 1176
71940 1353
71942 1357
71947 1764
71950 513
71967 449
71969 443
71972 1182
71991 1569
72000 1193
72023 1725
72028 438
72029 686
72035 610
72038 1437
72045 1763
72048 531
72052 1182
72066 81
72081 1740
72082 317
72095 1760
72097 643
72112 56
72115 1554
72121 529
72150 1430
72152 474
72158 472
72162 438
72163 82
72177 1552
72180 547
72192 496
72207 1149
72208 481
72209 562
72214 1737
72222 441
72237 1391
72238 566
72239 1143
72244 512
72249 391
72260 474
72271 514
72279 1352
72286 443
72290 1220
72294 1755
72296 1358
72298 1171
72313 1184
72314 166
72315 1327
72327 1149
72328 586
72345 1731
72353 33
72354 1149
72370 1272
72379 1666
72384 599
72389 542
72394 87
72398 95
72403 1720
72408 443
72414 329
72419 1342
72440 1138
72446 539
72447 75
72449 499
72450 269
72453 1432
72462 616
72466 1552
72472 1321
72482 86
72483 1419

72487 1372
72497 1383
72506 1476
72508 1173
72513 551
72516 145
72518 1201
72542 556
72547 1189
72552 1728
72570 68
72572 570
72575 1197
72585 1185
72589 1376
72603 1422
72604 428
72607 314
72612 1564
72618 451
72633 1422
72645 1147
72646 132
72649 434
72663 1193
72675 1428
72678 170
72680 502
72682 1684
72690 405
72698 1375
72715 1323
72717 62
72747 1717
72785 593
72800 1208
72806 330
72809 1194
72815 65
72835 1497
72844 1176
72851 1763
72853 1176
72866 472
72874 1178
72886 1395
72892 14
72895 540
72900 1373
72910 637
72913 488
72930 578
72932 525
72933 1175
72934 139
72940 1177
72948 1175
72950 635
72965 1182
72966 1182
72968 545
72973 555
72975 1328
72980 282
72983 1633
72993 1344
72998 1383
72999 1567
73001 398
73002 1762
73005 1179
73030 628
73038 476
73041 505
73047 1765
73055 334
73069 1179
73072 42
73075 575
73076 69
73090 463
73094 1213
73095 1279
73099 86
73105 1181
73109 1352

73134 183
73145 35
73149 1380
73151 535
73158 1187
73162 1176
73172 369
73174 307
73176 1656
73178 1517
73181 535
73183 1187
73194 403
73196 1364
73203 544
73218 1386
73221 1175
73228 1175
73247 307
73249 965
73255 1177
73264 554
73269 1177
73291 1598
73292 618
73297 531
73299 1421
73302 626
73315 131
73319 1599
73323 1317
73326 1537
73329 369
73331 1719
73338 1582
73339 1177
73342 1537
73344 1759
73355 1178
73361 57
73363 556
73364 1537
73371 1348
73377 1352
73378 1685
73383 1178
73386 1581
73392 1757
73393 1537
73400 1537
73401 753, 761, 1391
73403 1323
73407 1537
73410 371
73415 574
73416 1270
73420 1420
73444 1758
73445 1292
73451 964
73462 152
73467 1270
73472 1353
73474 571
73482 1182
73487 1742
73492 1614
73493 1170
73500 1432
73502 1765
73506 1538
73509 29
73515 561
73518 1593
73521 1142
73524 1699
73527 1551
73533 1502
73541 1486
73542 1538
73543 1755
73545 1538
73547 1189
73550 1183
73553 426

73558 1538
73562 584
73565 437
73567 505
73570 477
73577 589
73583 401
73594 1731
73597 1182
73620 1208
73630 1538
73633 1180
73636 1352
73638 1430
73639 1454
73648 1752
73665 1653
73697 884
73702 1432
73704 1374
73706 556
73711 616
73717 1374
73725 399
73743 1386
73752 1163
73765 154
73767 1201
73774 598
73783 1743
73796 591
73798 336
73801 1728
73802 518
73806 1565
73807 967
73816 1593
73818 531
73819 1344
73821 569
73825 1534
73845 617
73847 1175
73860 1262
73868 470
73876 1217
73889 1534
73890 476
73907 1318
73916 1438
73920 1650
73922 1385
73924 1534
73929 502
73941 1251
73945 1534
73951 1408
73954 1358
73964 1535
73971 1536
73973 534
73977 1762
73996 1717
74001 529
74005 472
74009 1535
74017 160
74018 565
74027 1217
74080 623
74083 497
74085 496
74095 1692
74100 1761
74105 459
74106 1345
74113 591
74119 1694
74131 1733
74141 1208
74144 60
74153 551
74164 1731
74166 1567
74167 454
74169 137

74172 1541
74180 527
74183 1375
74184 1183
74186 1541
74191 1305
74198 1377
74208 51
74222 603
74225 1174
74227 440
74229 1404
74233 32
74242 1338
74245 1404
74268 1357
74271 1752
74278 166
74279 628
74286 129
74297 597
74308 1373
74309 1291
74311 1328
74321 1720
74331 624
74339 428
74344 1259
74354 510
74366 689
74369 1683
74392 492
74394 24
74395 1152
74421 401
74431 645
74435 443
74441 1388
74465 452
74467 1386
74479 1255
74495 576
74496 1425
74499 520
74507 1199
74519 1176
74546 532
74551 634
74570 70
74574 472
74578 1707
74580 1717
74586 701
74593 1761
74603 1292
74618 96
74619 1388
74627 1677
74636 1538
74641 1680
74700 630
74706 499
74716 1267
74720 428
74768 1378
74769 437
74776 1620
74778 1764
74792 1755
74795 404
74797 1721
74805 186
74814 437
74832 395
74833 700
74843 1726
74851 1249
74852 1675
74855 391
74860 3
74864 425
74870 1218
74874 1409
74877 1534
74888 1218
74902 1354

TESSCO Part Number (SKU) Index

74906 404
74907 1218
74909 1218
74914 468
74915 18
74928 1742
74936 18
74951 1434
74957 43
74960 616
74998 1744
75002 1727
75008 142
75014 153
75018 519
75025 1508
75044 276
75048 1186
75050 1726
75058 1592
75068 1284
75074 1715
75087 1170
75092 552
75105 331
75114 132
75121 602
75128 1560
75134 566
75135 32
75137 1734
75140 115
75146 145
75147 636
75152 336
75155 1383
75160 415
75161 1172
75171 1196
75174 1424
75178 501
75180 1196
75190 1359
75194 1735
75198 1185
75240 47
75245 186
75249 1720
75250 1756
75269 1547
75275 492
75294 1196
75296 1196
75300 1196
75301 1704
75311 493
75313 39
75326 575
75330 288
75334 473
75335 1688
75342 1222
75344 632
75352 456
75367 1375
75372 1746
75375 489
75376 1338
75377 520
75391 1593
75399 601
75402 185
75404 470
75407 1042, 1057, 1065, 1145
75413 1751
75417 1434
75423 1747
75426 1177
75429 1147
75431 455
75447 1375
75449 495
75455 1747
75469 1728
75471 965
75473 1327
75474 1173
75476 438
75483 435
75487 1741
75491 1284
75498 1186
75499 1464
75500 1764
75509 632
75511 1753
75514 1389
75515 1476
75520 1750
75533 78
75538 1206
75546 1356
75548 1356
75550 1581
75553 438
75556 1371
75558 1290
75567 1183
75568 664
75569 405
75576 1366
75588 1562
75594 1197
75598 179
75603 1197
75607 420
75610 442
75611 1379
75612 550
75618 1681
75627 433
75641 452
75644 434
75651 1730
75654 1476
75660 31
75664 341
75667 75
75703 636
75733 636
75734 637
75747 636
75749 1196
75765 1182
75774 1521
75787 1196
75788 1196
75790 1196
75795 531
75796 1216
75817 1580
75826 1706
75842 1761
75851 1507
75855 22
75860 443
75861 1173
75862 1518
75863 16
75873 150
75904 1675
75917 1585
75918 1733
75923 1361
75943 1350
75945 437
75955 522
75965 1259
75969 443
75973 1747
75984 1265
75999 1715
76002 574
76007 605
76009 1612
76011 1153
76016 1596
76024 1506
76032 1004, 1039, 1055, 1063, 1070, 1074
76041 1755
76060 646
76063 442
76068 478
76075 588
76078 445
76079 1319
76083 1594
76092 1726
76109 2
76113 410
76131 1259
76136 397
76144 1206
76163 653
76185 4
76200 1434
76205 1381
76208 652
76214 454
76215 1326
76216 1379
76219 1320
76228 1679
76243 651
76259 1295
76274 1509
76278 1339
76280 1759
76282 293
76294 248
76299 1725
76307 1592
76359 431
76377 1283
76379 650
76388 1756
76396 265
76401 336
76405 1235
76407 1536
76410 1172
76414 1345
76425 422
76426 402
76437 408
76447 1750
76452 1354
76454 1378
76464 77
76465 1175
76492 1518
76498 1716
76499 535
76500 1166
76510 1217
76516 1721
76522 520
76523 1186
76524 625
76541 1595
76552 1490
76562 1585
76576 599
76583 473
76585 1353
76598 570
76612 1639
76626 510
76632 496
76640 1593
76646 1374
76653 470
76656 1557
76661 644
76662 105
76663 1666
76666 1383
76668 1745
76675 460
76688 1351
76696 1354
76700 1178
76718 1524
76723 1173
76734 1322
76748 1463
76757 1702
76764 1737
76791 1510
76793 516
76794 560
76795 642
76797 416
76804 398
76806 518
76819 1151
76823 102
76824 1185
76828 426
76833 48
76836 889
76847 177
76875 69
76879 284
76891 535
76894 570
76905 295
76909 29
76910 699
76911 1530
76926 330
76938 459
76939 1664
76974 1384
77009 824
77021 825
77032 817, 824
77036 1364
77044 531
77045 311
77059 1751
77065 440
77106 1726
77107 526
77108 56
77112 36
77115 569
77117 602
77121 1764
77122 60
77133 1584
77145 527
77153 1675
77166 631
77167 1360
77168 574
77176 1543
77181 395
77190 1742
77193 279
77197 1420
77199 600
77205 370
77214 1263
77218 441
77224 1165
77242 1321
77247 1326
77251 515
77265 1579
77269 1262
77273 529
77274 1386
77277 70
77280 1519
77286 1319
77290 1754
77291 1680
77294 1223
77302 626
77306 1200
77307 1680
77315 332
77319 522
77336 461
77337 610
77341 1726
77352 1680
77355 188
77362 418
77369 567
77371 1176
77372 1409
77374 453
77375 559
77379 1680
77381 1391
77404 441
77405 1184
77410 1164
77413 1259
77420 1637
77430 285
77444 1350
77447 1509
77449 1434
77464 557
77468 71
77472 660
77474 660
77478 614
77491 1730
77499 1390
77501 629
77502 1390
77517 1432
77523 1506
77525 550
77530 521
77534 521
77543 545
77548 1724
77556 644
77557 599
77562 434
77572 524
77584 1147
77593 44
77603 1688
77612 76
77619 1314
77621 328
77633 38
77637 488
77645 334
77654 1235
77655 1200
77656 89
77664 1382
77667 1652
77674 416
77676 504
77703 537
77711 1325
77730 1677
77733 375
77744 368
77748 1728
77764 391
77770 214
77773 633
77779 1499
77787 534
77789 1183
77804 1529
77808 1311
77811 1268
77815 1758
77823 1154
77827 623
77832 118
77846 662
77847 1665
77852 481
77855 548
77860 471
77861 1639
77872 538
77875 503
77883 119
77885 413
77894 567
77912 1150
77913 490
77915 545
77919 454
77924 460
77929 1413
77942 1512
77945 1194
77972 1173
77979 535
77986 516
77989 1387
77993 1279
77998 1202
78001 1236
78002 522
78007 1348
78008 1354
78014 1753
78020 221
78027 332
78031 49
78041 596
78042 520
78043 560
78044 643
78045 433
78051 382
78056 1542
78066 664
78072 450
78073 1177
78078 1684
78079 493
78080 413
78091 1236
78096 95
78098 1754
78100 631
78114 575
78120 1329
78124 1362
78128 413
78133 1509
78134 1165
78141 56
78144 1638
78159 1645
78170 280
78187 459
78188 479
78196 87
78215 410
78219 173
78232 1375
78234 238
78237 584
78249 1596
78258 647
78260 1681
78263 1329
78285 1392
78293 1723
78298 626
78306 432
78318 1151
78324 437
78326 1562
78334 1710
78339 476
78349 520
78353 475
78359 547
78364 569
78365 335
78370 1763
78382 1584
78385 535
78394 526
78417 573
78427 569
78442 70
78456 209
78467 438
78470 124
78500 1184
78507 1305
78518 1317
78522 1746
78529 1733
78534 1581
78535 1360
78539 1755
78543 1223
78547 1446
78558 37
78567 519
78573 580
78576 1376
78598 1722
78611 379
78637 38
78649 1316
78656 121
78659 1164
78669 1634
78678 433
78683 71
78684 1203
78693 624
78696 1211
78698 1432
78703 1377
78704 85
78725 1737
78750 628
78755 89
78768 1216
78772 1506
78773 1259
78774 434
78781 103
78787 496
78788 1359
78792 1685
78801 1189
78810 448
78813 521
78815 1355
78820 631
78821 524
78833 1583
78848 1329
78861 46
78868 220
78874 1357
78875 1733
78882 36
78884 1543
78886 487
78890 471
78894 330
78907 1318
78913 517
78916 1651
78920 1428
78925 499
78926 1391
78929 1761
78937 1318
78941 1735
78960 1725
78961 615
78964 504
78968 544
78971 483
78979 1521
78990 442
78994 1169
78996 23
78997 1759
79002 1362
79016 1547
79022 1710
79026 1085
79030 439
79039 1554
79042 1342
79051 1722
79052 1253
79076 623
79081 114
79090 477
79117 153
79124 502
79132 492
79138 1591
79143 569
79146 600
79156 1646
79164 545
79176 645
79178 1749
79179 441
79187 1286
79190 422
79191 1512
79196 494
79215 439
79227 475
79229 49
79231 1340
79234 569
79235 516
79237 505
79242 1275
79246 1714
79247 1358
79251 569
79261 1179
79263 1753
79268 1214
79280 44
79291 519
79292 513
79307 494
79308 1517
79315 663
79318 1428
79320 1582
79328 493
79345 95
79346 181
79348 1389
79358 1564
79361 11
79365 1681
79382 332
79388 450
79390 33
79394 1379
79395 1376
79415 1760
79428 67
79437 1665
79441 118
79446 1559
79455 1656
79464 514
79472 1382
79480 448
79492 27
79494 1209
79508 391
79509 1237
79511 545
79513 502
79518 116
79521 291
79522 518
79525 456
79546 1177
79564 1613
79588 519
79592 589
79608 547
79619 1763
79623 1581
79630 1546
79631 1582
79644 1435
79647 489
79661 1282
79664 1379
79676 478
79686 111
79693 530
79697 1221
79704 567
79711 1376
79712 1237
79718 1730
79737 1612

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740 1377
754 600
759 104
763 1594
765 524
767 1317
782 1742
784 1320
786 1744
788 1755
790 449
792 1223
798 1314
799 111
25 249
39 1726
40 629
45 1567
48 520
60 377
64 ..... 761, 1391
73 549
80 1382
98 1320
99 1701
37 627
42 624
54 246
74 1736
90 1434
93 1413

05 1671
17 1216
38 1177
47 1409
49 1409
54 1304
56 1463
31 602
32 548
07 1326
09 1700
01 1690
0 44
7 63
1 11
1 663
3 70
1 1386
6 1328
8 511
9 1428
0 1376
2 419
4 189
5 514
6 1355
9 222
0 28
2 1382
6 1432
5 434
3 1597
9 1426
1 1724
5 45
5 537
2 392
4 492
5 436
1 625
5 269
0 1346
5 574
9 1267
1 1765
3 1758
5 1637
7 579
7 1703
7 478
0 1205
7 1426

80373 1174
80381 1746
80383 1735
80398 546
80421 1293
80428 436
80442 1177
80455 1317
80456 1175
80458 446
80461 440
80465 1703
80466 654
80467 629
80478 25
80479 1416
80484 517
80493 1352
80495 1507
80499 1665
80506 1544
80508 609
80512 1753
80519 403
80528 1175
80533 1173
80534 440
80537 1668
80541 558
80546 587
80556 632
80559 1204
80570 1182
80578 394
80585 335
80587 1737
80592 310
80597 1385
80607 1711
80608 1675
80614 1682
80635 1359
80639 1737
80643 1379
80648 1697
80656 9
80657 1698
80658 607
80663 1762
80669 1214
80670 1676
80671 1434
80681 1326
80699 446
80705 533
80715 1248
80741 270
80743 1209
80760 1762
80771 517
80785 1595
80788 446
80795 1175
80804 428
80813 1567
80829 1281
80838 1385
80839 1379
80855 487
80859 1611
80867 428
80872 1602
80877 1377
80883 436
80896 1658
80904 1382
80910 1260
80922 624
80940 272
80948 1197
80961 1243
80967 1615
80971 1165
80980 1175
81003 604
81012 1591

81016 1236
81027 1194
81033 1303
81035 1744
81046 1344
81049 1181
81066 521
81070 1165
81083 1505
81088 1728
81094 1567
81103 1762
81105 80
81110 1762
81111 1592
81112 1762
81113 1355
81114 1506
81115 1762
81122 556
81125 405
81129 1762
81130 1763
81134 1763
81145 482
81147 1320
81154 1763
81156 625
81159 468
81160 1243
81162 1727
81164 1763
81173 1152
81174 532
81175 1434
81177 1763
81179 430
81196 1763
81206 1763
81219 652
81223 3
81228 1763
81229 1763
81230 144
81246 1395
81249 1763
81253 1763
81256 551
81257 1763
81259 1579
81264 1657
81271 1243
81283 1763
81287 1148
81290 1516
81291 1433
81295 1184
81302 1392
81303 1763
81304 1763
81306 1763
81307 1267
81309 432
81313 1305
81317 1377
81320 1294
81323 1763
81338 1683
81347 443
81351 1763
81355 1763
81359 24
81372 1764
81374 1764
81383 1639
81387 1429
81388 394
81391 1764
81392 338
81401 1235
81408 1764
81410 547
81412 1429
81414 1650
81419 1373
81422 1764

81454 1764
81457 1566
81460 159
81465881, 886, 897
81468 1353
81469 1551
81474 433
81477 1596
81482 623
81490 1729
81503 25
81507 1764
81508 1429
81515 1429
81520 635
81524 269
81530 249
81537 1586
81540 1382
81541 1429
81549 316
81554 441
81562 1758
81563 1429
81566 1730
81578 455
81584 432
81589 477
81619 1360
81624 1687
81632 1735
81641 1708
81644 1745
81647 546
81653 1681
81665 647
81676 1606
81679 1429
81685 1280
81692 1187
81693 1748
81696 1429
81700 1429
81701 1429
81706 1429
81707 445
81716 1416
81719 1173
81727 25
81729 702
81743 1375
81745 1574
81753 68
81759 425
81761 1754
81768 630
81774 330
81777 1177
81783 432
81788 496
81790 553
81793 1690
81794 1333
81795 587
81796 1429
81804 575
81808 1429
81812 1729
81816 1429
81826 493
81833 1429
81839 1429
81840 569
81846 1667
81852 1429
81856 551
81887 409
81888 1737
81891 564
81894 459
81900 413
81901 473
81909 702
81912 456
81915 1350
81917 277

81918 1213
81919 503
81920 439
81930 1147
81935 1285
81948 492
81958 1189
81970 1376
81978 331
81985 1745
81988 1728
81989 561
81990 302
82006 1558
82018 483
82019 1728
82028 26
82034 1568
82045 635
82052 431
82053 437
82062 1567
82068 484
82078 1350
82104 33
82123 1380
82126 1374
82137 1330
82138 1648
82141 1294
82159 1269
82171 625
82172 1620
82184 1202
82189 273
82190 1411
82193 1457
82195 1759
82209. 1001, 1031, 1045, 1060
82214 1751
82215 79
82218 1723
82222 1435
82234 1726
82239 1307
82243 1324
82252 605
82261 1591
82263 570
82265 1237
82278 1430
82282 1320
82284 1744
82286 1755
82296 1627
82298 455
82319 1434
82328 570
82332 1403
82335 1432
82341 1424
82346 520
82358 410
82368 1032
82373 1148
82416 1765
82426 1765
82433 1186
82447 1522
82455 604
82467 1342
82470 16
82472 1185
82480 562
82486 479
82515 1216
82522 368
82531 455
82536 1175
82543 1581
82549 1301
82558 429
82560 519
82561 484
82562 1240

82582 512
82587 1682
82591 1561
82596 431
82599 279
82618 593
82623 1430
82629 33
82630 143
82639 663
82649 450
82658 1634
82666 519
82670 404
82677 482
82688 99
82705 92
82709 461
82720 1591
82730 1516
82739 1729
82758 1599
82766 1480
82769 1710
82770 1620
82788 1561
82795 96
82798 459
82805 495
82807 1322
82811 1761
82812 289
82815 1726
82820 647
82821 1635
82828 99
82837 1182
82839 647
82840 457
82845 1687
82849 99
82856 1484
82857 548
82860 593
82866 1431
82868 646
82872 13
82877 565
82896 557
82913 322
82920 1477
82932 520
82934 1358
82939 1432
82940 1682
82942 1747
82951 1517
82953 1318
82956 19
82965 1415
82982 516
83002 289
83009 1181
83015 1386
83027 103
83030 175
83032 437
83039 553
83040 1580
83042 1763
83044 585
83047 1194
83059 487
83061 1747
83062 175
83063 176
83065 1428
83067 1374
83069 1175
83071 1187
83072 1680
83075 172
83080 430
83086 1292
83102 175
83115 219

83120 1239
83121 437
83130 1375
83142 1354
83155 1375
83158 701
83159 479
83167 1171
83180 486
83184 1598
83189 445
83192 654
83195 1375
83213 1545
83214 1378
83228 1511
83232 1745
83237 386
83238 561
83239 311
83244 1189
83246 79
83248 441
83260 1429
83268 1725
83271 1429
83281 1387
83282 1429
83286 37
83290 112
83296 1429
83302 1429
83309 1429
83314 1479
83321 70
83323 300
83332 1317
83336 1429
83349 1429
83353 39
83365 99
83375 1429
83377 557
83385 413
83386 1429
83387 1648
83389 1580
83391 1426
83395 1287
83405 1429
83406 430
83408 1260
83409 1429
83411 489
83421 1677
83425 1742
83433 1202
83438 313
83439 1411
83446 1429
83449 1429
83450 643
83457 1429
83461 1517
83463 1717
83467 1723
83478 1245
83483 651
83484 27
83496 1635
83497 238
83501 598
83503 12
83506 1165
83509 239
83510 1618
83516 631
83522 1751
83531 121
83535 1755
83556 115
83569 579
83573 1300
83575 399
83581 1404
83583 1168

83586 1742
83595 519
83608 1668
83624 456
83637 1668
83643 436
83646 1180
83661 159
83669 1687
83711 1708
83713 1367
83717 394
83737 1762
83739 ..... 1[illegible]
83761 594
83762 1718
83764 484
83771 ..... 1[illegible]
83775 1378
83792 72
83793 ..... 1[illegible]
83794 ..... 1[illegible]
83796 1594
83799 202
83809 ..... [illegible]
83825 ..... 3[illegible]
83833 ..... 1[illegible]
83836 ..... 1[illegible]
83844 ..... 1[illegible]
83848 ..... 1[illegible]
83857 ..... 1[illegible]
83861 ..... 1[illegible]
83865 1389
83881 1640
83886 589
83895 1245
83903 1385
83906 1679
83912 1565
83950 406
83953 645
83961 1373
83967 1733
83902 545
83988 1726
83996 462
83998 1744
84010 1763
84013 536
84017 1182
84029 1484
84035 1598
84039 1283
84060 1756
84082 428
84089 457
84102 1589
84115 1430
84124 1389
84128 73
84130 1716
84136 1249
84138 1415
84140 140
84145 547
84146 1564
84158 553
84159 484
84161 1274
84180 1486
84183 1258
84186 1539
84187 440
84191 1747
84200 1700
84202 401
84203 1175
84204 397
84209 512
84211 452
84217 1171
84220 1407
84225 17
84226 375
84227 453
84231 516

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84236 519
84242 1491
84252 545
84255 1221
84258 645
84259 1755
84261 325
84262 536
84263 1736
84279 167
84293 583
84294 1176
84300 1084
84302 1094
84310 1747
84312 1538
84315 1451
84331 424
84344 1389
84345 1188
84356 1342
84364 1756
84370 1699
84371 648
84382 1361
84394 1155
84405 1520
84411 1479
84413 1762
84426 492
84427 1743
84429 1323
84433 1288
84439 1719
84441 653
84444 540
84463 475
84465 649
84470 1208
84497 1620
84496 1148
84507 535
84517 1729
84532 1613
84537 570
84542 1683
84543 635
84551 1655
84555 1559
84564 1323
84572 302
84583 451
84584 454
84592 22
84593 1361
84601 100
84612 1182
84625 1196
84627 1609
84633 1557
84634 1732
84640 1428
84643 475
84646 1754
84651 520
84676 1404
84694 1433
84702 1730
84712 1719
84716 1754
84727 444
84732 651
84741 1323
84768 429
84773 1379
84774 1194
84780 60
84784 1385
84786 1328
84788 55
84794 631
84813 521
84817 108
84818 588
84833 1179
84835 1689
84837 1424
84865 1374
84869 556
84871 470
84878 607
84883 457
84886 1667
84893 1495
84897 525
84898 405
84913 428
84914 1377
84926 504
84932 517
84936 408
84941 1174
84987 1751
84999 447
85013 1216
85015 1763
85017 1765
85020 552
85024 1368
85034 1179
85040 575
85042 29
85046 403
85048 227
85051 266
85060 1296
85069 98
85074 609
85079 1765
85085 1682
85089 1765
85097 281
85109 1156
85110 59
85114 1380
85135 394
85136 482
85139 314
85140 540
85153 1658
85164 514
85183 1386
85192 1384
85212 310
85224 475
85225 1343
85233 1181
85237 1729
85240 1728
85242 534
85243 678
85257 1374
85259 1763
85262 531
85275 442
85296 1716
85299 529
85305 1356
85308 1356
85310 1559
85321 608
85324 1727
85326 57
85350 1285
85364 435
85365 1356
85375 481
85381 1318
85394 547
85404 15
85410 1292
85411 295
85425 644
85431 1607
85432 1237
85434 1356
85443 1676
85448 196
85449 1357
85452 566
85455 1341
85472 1354
85479 133
85483 1594
85484 618
85487 1319
85498 489
85504 1220
85508 1755
85512 488
85513 435
85520 1580
85535 1620
85542 586
85559 1727
85562 1182
85567 1175
85570 1680
85572 607
85574 1464
85580 424
85593 1666
85598 599
85611 1625
85613 1752
85622 440
85627. 1040, 1055, 1063
85631 1319
85637 1178
85638 1178
85639 48
85648 1178
85660 540
85663 501
85664 751, 1141
85667 1153
85677 520
85690 652
85693 538
85719 624
85730 154
85732 1202
85743 424
85749 1455
85761 605
85764 437
85766 1729
85767 517
85799 430
85803 1374
85804 1559
85812 1479
85825 1262
85828 968, 1146
85832 451
85833 470
85836 1274
85841 526
85843 623
85855 1614
85872 1252
85875 562
85886 514
85894 501
85898 1388
85900 1654
85906 1238
85912 1374
85913 1543
85935 169
85942 534
85967 1674
85980 394
85990 1184
85995 1349
85996 1378
85999 591
86015 1723
86020 331
86026 1172
86029 63
86033 1385
86045 623
86071 1300
86078 591
86081 1168
86085 480
86093 513
86095 480
86113 1384
86114 1373
86132 455
86138 1331
86146 525
86156 1353
86157 440
86164 1376
86169 1364
86198 61
86199 546
86207 1288
86208 93
86211 1318
86215 398
86216 443
86233 562
86244 628
86249 137
86251 1413
86252 488
86265 1187
86272 486
86286 20
86289 575
86290 549
86293 967
86304 462
86308 1214
86316 1062
86319 510
86329 739
86363 1379
86365 535
86368 1312
86370 1476
86376 1312
86384 1173
86386 369
86387 467
86393 312
86394. 1004, 1039, 1054, 1062, 1069, 1074
86417 544
86427 1152
86432 1386
86434 1630
86444 1363
86446 488
86450 1498
86461 305
86465 1703
86470 429
86472 1293
86476 1293
86478 598
86486 1683
86491 1366
86496 455
86502 458
86503 1293
86505 1598
86511 531
86515 1395
86524 438
86529 75
86530 1760
86533 1595
86539 749
86541 751, 1141
86543 1707
86545 1719
86548 14
86554 71
86556 1381
86558 1761
86561 406
86564 146
86567 1679
86571 44
86577 1187
86578 1630
86579 62
86592 1677
86599 579
86617 1323
86630 1252
86634 1420
86640 1721
86649 449
86662 1340
86664 1340
86666 1699
86668 1340
86671 472
86672 375
86681 1237
86687 482
86691 1193
86700 241
86701 463
86714 331
86716 1765
86717 400
86732 1593
86748. 1039, 1055, 1063
86753 598
86757 1755
86758 1169
86760 443
86761 1189
86767 426
86776 556
86791 588
86797 395
86808 1731
86809 662
86816 1338
86828 452
86829 454
86834 1208
86859 1679
86860 1194
86862 1752
86863 1675
86878 1620
86880 1320
86889 71
86894 458
86909 538
86913 270
86924 1299
86925 616
86931 1284
86960 1381
86981 1201
86983 503
86984 667
86994 410
86995 519
87010 591
87012 336
87017 282
87022 1426
87033 1338
87035 569
87081 1561
87082 468
87125 421
87126 1172
87133 225
87143 502
87154 1349
87155 1317
87157 1742
87163 1668
87168 1358
87170 467
87173 398
87175 1649
87208 411
87210 1717
87215 528
87234 1547
87236 440
87240 1543
87244 275
87251 106
87257 1568
87278 66
87289 646
87290 1153
87302 399
87314 1761
87319 459
87321 1701
87327 593
87329 1329
87337 1425
87342 512
87345 1733
87346 1668
87367 557
87381 454
87389 508
87397 595
87412 1377
87415 1313
87422 51
87439 1174
87441 438
87456 1338
87461 1647
87476 1181
87485 1752
87509 542
87511 597
87515 1587
87520 324
87540 1729
87558 1243
87562 634
87565 1582
87576 1383
87583 1683
87592 433
87595 264
87606 452
87608 8
87615 412
87626 14
87635 401
87642 316
87644 630
87652 1333
87666 544
87690 1381
87695 1609
87709 482
87710 1425
87713 520
87718 284
87733 646
87739 1706
87741 678
87743 268
87748 1154
87751 526
87752 878, 892, 896, 922
87760 533
87764. 1039, 1055, 1063
87765 636
87773 434
87775 404
87784 428
87791 438
87793 576
87794 1717
87799 1635
87801 1710
87807 1761
87811 1760
87818 1271
87826 557
87831 1269
87837 1762
87838 543
87845 1271
87850 1764
87855 512
87869 1687
87871 1683
87874 645
87888 652
87889 112
87905 1211
87907 1718
87908 1657
87920 522
87930 1263
87938 1747
87949 1265
87955 1614
87972 19
87977 81
87993 69
87997 632
88006 1755
88018 626
88027 1148
88028 441
88040 581
88045 1206
88046 394
88051 1171
88057 1728
88068 1680
88078 454
88091 1532
88101 103
88142 1742
88150 18
88165 1434
88169 1457
88171 19
88175 1267
88183 494
88199 1732
88207 1566
88209 1379
88228 122
88239 1507
88247 534
88264 1726
88265 518
88266 81
88285 504
88292 1384
88319 331
88328 76
88329 1736
88335 603
88336 1383
88348 523
88353 498
88366 336
88372 88
88374 410
88387 1426
88396 1509
88404 1359
88410 1727
88412 1562
88424 1649
88430 1563
88438 1692
88461 111
88463 1720
88464 1756
88480 1184
88481 1721
88484 1606
88486 1422
88500 397
88506 1586
88515 1703
88527 37
88549 1688
88561 1570
88573 391
88586 1424
88589 489
88603 523
88607 63
88612 1154
88642 1564
88648 1564
88650 547
88654 1301
88658 1564
88663 495
88664 1313
88672 1331
88683 1707
88687 330
88688 1173
88690 437
88698 1355
88699 1373
88701 426
88704 1564
88705 1358
88706 1204
88709 1243
88710 1379
88711 1564
88713 1464
88714 1764
88717 1261
88734 505
88736 1166
88740 1185
88752 1206
88761 617
88771 518
88789 1179
88796 501
88798 51
88801 1632
88802 463
88806 1477
88807 501
88812 177
88823 649
88825 1378
88828 1374
88829 700
88834 649
88840 1352
88844 294
88852 496
88853 1317
88855 452
88857 5
88865 1730
88868 1730
88874 31
88878 339
88884 401
88886 624
88904 428
88908 1328
88922 1563
88939 1382
88946 1095
88949 1271
88953 481
88958 592
88963 1750
88973 1214
89005 401
89013 1181
89015 1561
89025 1434
89056 1761
89059 1194
89073 53
89081 100
89086 1764
89087 121
89092 1662
89110 1251
89129 662
89137 1361
89141 556
89143 477
89158 298
89164 1760
89169 522
89170 565
89183 438
89207 1322
89212 1326
89221 594

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25 1152
27 62
34 1262
38 527
44, 1041, 1056, 1064, 1144
51 117
55 1755
63 47
68 276
71 1199
72 104
77 435
83 515
84 552
89 1152
19 1598
32 1655
40 1538
45 491
61 880
62 1355
65 1322
69 440
37 483
92 411
93 1332
95 298
06 881
07 1596
08 881
11 1332
24 1332
37 652
48 1676
53 1476
67 698
75 549
77 1478
88 1509
94 506
97 1205
2 1413
3 1725
2 698
26 1285
0 698
7 1349
6 1679
7 549
1 1200
7 74
9 454
4 603
2 1434
6 1752
0 265
5 336
8 1218
8 1345
2 1665
9 420
1 499
8 597
5 395
8 1747
2 1716
3 535
4 1455
2 1547
7 562
5 506
7 1520
1 506
2 507
0 1385
3 380
5 431
7 149
2 1574
5 1320
6 1639
7 1566
9 1729
0 510
2 1173

89850 413
89854 509
89861 1154
89864 545
89865 550
89870 1557
89880 1381
89903 1208
89907 1512
89909 1374
89911 1745
89914 1184
89919, 1040, 1055, 1063, 1141
89923 1170
89928 313
89936 331
89937 1173
89951 518
89957 476
89962 1464
89963 1203
89967 522
89983 1554

9

90007 517
90008 560
90011 416
90017 458
90020 518
90030 1176
90047 47
90051 420
90056 1265
90070 1723
90074 1731
90077 1373
90086 1192
90089 69
90091 1698
90098 556
90104 450
90106 21
90109 1370
90123 29
90127 1657
90135 309
90138 1563
90142 1272
90161 86
90178 1357
90188 1384
90191 1363
90204 637
90229 1357
90236 398
90258 533
90262 1181
90271 433
90273 548
90280 1594
90292 1716
90299 1709
90300 1194
90305 1385
90314 1666
90329 569
90335 1763
90347 1584
90359 527
90364 19
90381 1696
90389 1382
90401 616
90404 1742
90405 1189
90407 270
90413 597
90419 368
90425 1259
90428 1237
90430 1429
90432 438
90433 1429

90435 1434
90460 1743
90494 1733
90504 1754
90508 1223
90516 626
90520 1200
90533 522
90538 585
90544 394
90550 461
90555 1728
90557 1421
90559 1424
90589 559
90599 217
90614 1317
90627 1259
90639 1152
90644 473
90655 1463
90663 1434
90704 1765
90708 526
90726 564
90735 453
90741 1295
90751 1206
90762 1724
90780 1356
90782 470
90786 524
90794 1174
90795 1243
90799 179
90809 1520
90817 1689
90822 1169
90826 72
90831 1574
90837 1716
90840 1747
90845 1201
90851 488
90856 1365
90859 334
90866 1360
90867 602
90868 1235
90877 1309
90878 1379
90881 1651
90884 511
90888 411
90896 1190
90902 1170
90910 550
90911 1679
90925 1324
90942 1354
90944 1521
90947 402
90950 1204
90951 1341
90962 1728
90977 650
90979 1320
90983 1731
90986 1183
90995 442
91004 1564
91014 479
91017 1684
91029 1758
91037 1154
91039 1625
91046 151
91053 523
91056 1696
91060 662
91071 1599
91075 1639
91076 1757
91086 1556
91089 502
91110 1687

91111 318
91112 1756
91121 1646
91124 1687
91129 545
91156 1512
91159 422
91160 1747
91161 494
91167 1348
91171 449
91185 1325
91186 1173
91188 1707
91194 51
91203 330
91206 1381
91207 1241
91211 1714
91213 1736
91214 474
91215 1236
91222 1360
91228 1754
91229 1374
91252 564
91255 520
91257 560
91258 648
91262 587
91280 664
91300 424
91310 91
91330 1681
91334 442
91338 1362
91346 1184
91353 450
91355 57
91358 1638
91366 1733
91375 430
91379 570
91381 1497
91383 1258
91384 277
91401 458
91402 1665
91406 42
91410 87
91418 ..... 890, 1348
91436 ..... 969, 1348
91444 1743
91446 1373
91459 1357
91466 1308
91468 1181
91470 1367
91476 544
91480 1236
91499 1365
91506 572
91507 1723
91509 1421
91511 1181
91523 1611
91524 1620
91525 1426
91529 1594
91538 438
91542 1365
91554 1385
91562 436
91567 884
91571 54
91583 411
91584 1763
91596 1584
91597 1308
91608 1368
91626 1283
91630 1456
91636 610
91638 1368
91669 535
91672 100

91676 455
91681 441
91682 318
91684 129
91705 1353
91719 605
91730 529
91732 1248
91734 1703
91735 105
91736 1749
91743 1733
91757 76
91766 312
91770 333
91782 522
91787 580
91790 1375
91793 396
91804 1725
91807 599
91812 1721
91825 418
91863 1319
91865 1670
91873 1164
91878 1754
91883 1634
91888 1152
91898 317
91907 624
91909 1327
91910 1507
91917 1376
91918 82
91931 1366
91933 1719
91939 1737
91950 1390
91954 481
91969 88
91990 1339
92005 517
92006 1685
92011 27
92015 1189
92024 448
92028 416
92039 565
92043 1393
92047 1583
92057 1176
92062 1328
92075 47
92078 394
92089 1733
92096 36
92098 1478
92100 492
92108 330
92124 698
92131 516
92133 512
92134 1428
92135 1377
92139 500
92151 1355
92155 1735
92162 387
92174 1725
92175 615
92181 1432
92182 ..... 752, 1146
92190 281
92193 1392
92206 660
92210 73
92211 537
92214 ..... 750, 758, 769, 1149
92230 1547
92231 484
92234 649
92244 439
92246 406
92253 1555

92262 1577
92263 1595
92265 1721
92268 1539
92290 623
92295 115
92299 645
92302 969
92324 478
92327 1727
92329 1519
92333 1428
92348 1735
92349 1182
92356 1543
92357 568
92360 600
92363 546
92366 1372
92370 1645
92376 580
92377 484
92392 1718
92401 1189
92405 1512
92410 494
92421 1178
92426 121
92432 964
92435 1174
92443 26
92451 1376
92464 1665
92467 1525
92469 515
92477 1753
92494 44
92497 91
92506 513
92511 586
92512 632
92518 1615
92532 1428
92533 394
92550 1464
92553 1733
92556 1350
92559 94
92560 1259
92562 1390
92569 1354
92579 1681
92591 413
92608 1379
92609 1543
92617 293
92631 1294
92633 279
92634 1215
92638 331
92659 87
92661 1186
92705 521
92706 31
92725 544
92742 1762
92744 649
92750 1573
92759 1454
92760 1175
92761 635
92778 1567
92785 45
92790 1590
92811 113
92819 1182
92834 39
92839 1377
92850 1287
92854 1721
92875 1276
92876 1428
92907 524
92926 1237
92929 1548
92932 1731

92951 623
92956 1383
92972 1541
92977 1598
92979 524
92981 1237
92992 1194
92998 1356
93002 1755
93014 625
93018 1200
93026 505
93036 579
93040 1319
93048 467
93053 1726
93057 1424
93058 1559
93059 1567
93061 1717
93069 1477
93070 28
93076 1592
93078 153
93087 550
93090 1374
93108 492
93112 1320
93129 695
93132 218
93140 1380
93149 696
93153 1383
93164 496
93165 440
93178 1208
93184 654
93186 1746
93190 471
93193 643
93199 1728
93204 543
93216 543
93236 1243
93239 1277
93244 1679
93251 1665
93252 1175
93260 28
93261 1732
93278 1304
93282 1378
93292 442
93302 ..... 998, 1003, 1013, 1020, 1028, 1038, 1053, 1061, 1073, 1078, 1084, 1089, 1094, 1098, 1101
93310 450
93311 1323
93328 66
93329 1576
93345 7
93355 663
93357 281
93366 1361
93370 1328
93371 1383
93382 511
93383 1428
93384 1376
93390 1381
93396 1384
93398 394
93400 1355
93404 1735
93406 1378
93424 615
93430 1627
93439 433
93450 1176
93455 1730
93457 43
93459 13

93460 537
93468 25
93495 1171
93502 1581
93527 1758
93531 1186
93548 1185
93553 1187
93554 477
93561 243
93576 601
93586 ..... 1097, 1391
93597 1735
93598 458
93612 546
93615 444
93624 1598
93627 540
93649 458
93670 1176
93672 445
93682 438
93683 334
93692 334
93695 335
93698 537
93710 1581
93713 1664
93722 609
93726 1733
93733 405
93742 1175
93743 134
93751 1217
93755 558
93760 587
93777 1175
93784 1182
93799 335
93805 569
93809 1485
93810 1326
93811 1385
93832 1317
93833 644
93848 398
93853 1737
93857 1379
93859 459
93865 413
93866 26
93880 1732
93882 279
93893 449
93900 1665
93908 653
93913 434
93929 552
93940 1684
93945 477
93948 1745
93954 561
93955 304
93956 ..... 1039, 1054
93958 426
93963 1561
93966 1325
93972 474
93973 1206
93990 ..... 890, 1348
93997 1365
93999 1595
94002 446
94004 1192
94014 193
94016 190
94025 435
94027 1567
94040 1679
94043 1295
94047 1194
94059 566
94069 487
94081 428
94082 1762
94091 1376

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94104 1291
94128 1765
94135 540
94136 624
94150 1170
94154 267
94155 1410
94160 1537
94163 83
94174 1005, 1042, 1057, 1065, 1075, 1146
94175 1243
94178 1220
94179 1717
94183 23
94185 1165
94195 1549
94206 501
94207 236
94216 1390
94217 600
94226 1591
94233 1646
94238 1177
94249 1744
94251 1754
94263 624
94285 577
94288 1375
94289 1289
94297 1466
94302 1725
94310 1297
94321 1736
94323 414
94345 598
94353 1668
94359 481
94361 1316
94369 1347
94370 706
94374 1242
94377 413
94381 1633
94382 89
94387 1152
94388 533
94391 603
94399 1356
94407 1325
94420 1249
94427 1568
94429 1352
94436 544
94444 117
94451 1288
94462 628
94473 1551
94505 1433
94522 385
94526 375
94527 1318
94530 601
94534 1282
94546 65
94554 520
94561 396
94564 283
94572 485
94573 24
94604 397
94606 338
94631 1737
94645 534
94647 1148
94651 652
94653 1735
94673 182
94674 147
94678 1309
94679 1675
94681 451
94683 1596
94688 428
94691 1596
94734 625
94744 1352
94750 76
94753 70
94755 557
94762 1601
94776 1758
94780 1729
94786 1184
94793 63
94801 331
94802 1182
94807 662
94808 1652
94820 1571
94822 481
94838 1687
94852 1388
94858 1745
94866 1220
94880 556
94883 1355
94890 1606
94894 547
94896 1558
94899 1358
94907 1747
94908 1709
94918 1322
94925 135
94930 1416
94937 298
94941 25
94943 701
94947 517
94952 516
94954 1306
94955 394
94959 1203
94971 1197
94975 1754
94991 1176
94996 1326
94997 432
95004 553
95005 1606
95007 1690
95009 587
95012 1476
95018 574
95021 1292
95026 1728
95040 1744
95047 462
95054 569
95060 1667
95067 533
95082 966
95085 1359
95101 409
95102 1737
95108 458
95123 702
95127 538
95131 277
95134 1432
95186 1544
95202 1727
95206 524
95228 1480
95236 428
95240 1432
95246 1367
95248 1568
95249 443
95250 394
95251 443
95253 412
95255 1366
95271 1664
95272 1217
95276 1566
95279 1480
95280 1324
95288 1355
95306 83
95340 1374
95351 1330
95352 1648
95355 1290
95365 635
95373 1268
95380 44
95385 625
95388 493
95390 1738
95396 516
95399 85
95404 1411
95407 1420
95408 23
95409 1760
95419 1182
95420 550
95433 653
95436 1714
95444 562
95457 1324
95461 1639
95466 600
95479 1317
95489 460
95496 1318
95498 1744
95500 1755
95509 113
95534 577
95540 398
95542 1211
95547 1385
95548 548
95551 1747
95559 1360
95560 520
95570 1736
95572 410
95580 1538
95585 554
95602 1668
95625 1205
95630 1633
95632 495
95639 630
95664 160
95675 1205
95678 1319
95691 1718
95703 1755
95716 103
95722 1723
95726 539
95729 1216
95740 1382
95753 147
95754 1433
95756 1354
95767 2
95776 1336
95780 1376
95781 1487
95790 157
95795 618
95796 511
95799 467
95800 1042, 1057, 1065, 1146
95801 1682
95810 431
95820 443
95826 62
95827 605
95830 1381
95837 1430
95853 663
95876 1322
95880 519
95891 474
95899 1499
95902 1734
95920 1357
95930 1386
95953 1725
95954 479
95955 530
95960 1675
95975 1764
95978 536
95982 1395
96000 1598
96002 1561
96012 308
96019 495
96021 1357
96025 1756
96035 1331
96054 457
96070 562
96084 1323
96097 395
96107 1540
96111 497
96123 438
96127 328
96141 1378
96145 1380
96147 540
96152 442
96156 1747
96171 1175
96179 1415
96190 41
96191 1265
96192 453
96196 516
96207 1495
96208 1203
96209 1208
96214 156
96220 1221
96224 1754
96226 1355
96228 141
96244 171
96246 438
96252 519
96255 433
96265 1516
96275 1747
96279 1428
96280 1732
96281 1376
96283 1177
96294 431
96300 1290
96321 1148
96326 1668
96334 1322
96338 407
96344 1375
96355 54
96359 1595
96369 1375
96372 701
96373 479
96385 330
96391 549
96395 529
96402 1321
96427 1545
96441 1214
96442 109
96452 561
96474 1177
96482 1725
96489 253
96507 1177
96508 497
96520 1559
96536 1757
96537 301
96542 550
96546 1322
96548 451
96561 1430
96566 1003, 1038, 1053, 1061
96596 93
96600 1752
96605 1428
96611 1208
96614 580
96632 1408
96635 1453
96645 1326
96653 1411
96677 1718
96681 1723
96685 1202
96689 1261
96701 1431
96717 23
96735 1447
96736 328
96737 1742
96738 1384
96739 1194
96745 114
96752 450
96757 78
96759 1626
96761 623
96762 291
96781 491
96783 579
96787 1287
96789 398
96794 597
96797 1168
96800 1742
96820 632
96825 150
96828 97
96834 549
96860 1180
96863 409
96872 1346
96879 544
96880 418
96882 1486
96883 1687
96893 71
96894 1376
96896 1518
96897 1722
96929 1564
96931 394
96952 1752
96975 539
96995 512
97002 1721
97006 69
97008 1387
97013 1663
97016 488
97028 1705
97029 1375
97039 609
97044 618
97050 1682
97058 1302
97059 439
97075 65
97078 246
97079 1380
97095 1640
97102 663
97104 322
97112 445
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TESSCO
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Terms & Conditions of Sale

Your purchases from TESSCO are made subject to these Terms and Conditions. Please review them carefully before placing your order

1. Our Performance and Delivery Guarantee:

Our Performance and Delivery Guarantee is uniquely simple: We promise that you will receive your order on time, error-free and in good condition. Your charge for delivery will be refunded in the event we do not meet the agreed delivery date. We cannot guarantee on-time delivery for orders involving HAZMATS, drop shipments, third party billing, customer pickups, shipments outside the continental U.S., unauthorized transportation carriers, extreme weather conditions or acts of God.

2. 30-Day Money-Back Guarantee:

If for any reason you are not satisfied with a purchase, you may return it for a refund or credit, as follows:

- **Merchandise must be returned freight prepaid (your expense), in its original condition and packing, and arrive at TESSCO within 30 days after your receipt of the merchandise.**
- **Any product received beyond 30 days will be returned to you at your expense.**
- **Special-order, specially configured and value-added products are returnable only if defective.**

Please complete the return form included with your shipment and reference the original transaction number or call our Customer Service Team if you need assistance. Beyond our 30-day money-back guarantee, no returns for credit or refund will be accepted, even if the merchandise is defective. However, the manufacturer's warranty will apply, and we will be happy to assist you in obtaining warranty satisfaction from the manufacturer.

3. Prices:

At the time of your order, you will receive the total bottom-line delivered cost according to the price prevailing at the time your order was placed and the delivery option you have selected. [Call 800-472-7373 (USA, Canada, Mexico) or +1 410-229-1200 (other countries) for pricing and delivery confirmation.] State sales tax, if applicable, will be added to your invoice unless an acceptable resale tax exemption certificate is provided. Where applicable, the payment of all customs duties will be your responsibility.

4. Delivery:

We will deliver your order on time, complete and configured to the address you have designated and will make every effort to ship in accordance with the delivery option you have selected. Delivery dates may be affected by our late receipt of all information necessary to ship or other causes beyond our reasonable control. In any such event, we are not liable to you for any loss of time, material, or production or any other loss resulting from late delivery. (See Limitation of Liability, paragraph 8.)

5. Payment Terms:

If you would like to establish an open account, please contact our Customer Transactions Team at 800-472-7373 or +1 410-229-1395. During the credit application process, business may be done via credit card. We reserve the right to change terms of sale at any time. All payments must be made in U.S. funds drawn on U.S. banks, unless alternate arrangements have been approved by TESSCO.

- Payment is required 30 days from the shipment date once you have established an open account, unless otherwise stated on the invoice.
- There will be a $35.00 charge for checks returned for any reason.
- Please pay from the invoice provided as no statement will be issued. A late payment charge of 1.5% per month (18% APR) will be charged on all invoices not paid within the defined terms. Our Customer
- Transactions Team is available to help you in all billing matters.
- In the event TESSCO retains a collection agency or attorney to enforce any of your obligations to TESSCO, you agree to pay all of TESSCO's costs and expenses associated with such enforcement, including all collection agency fees, attorney's fees of fifteen percent (15%) of the unpaid balance, plus all additional costs of collection and/or litigation. You agree to pay and/or reimburse TESSCO for any and all sales, use and excise taxes which may be imposed on you or TESSCO by any government entity as a result of any sales to you, regardless of when such taxes may be assessed, imposed, or levied.

6. Warranty Claims:

We will assist you in seeking repair or replacement under the manufacturer's warranty. Just call **800-472-7373. We make no implied warranties, including the implied warranties of merchantability or fitness for a particular purpose with respect to any goods or services sold to you.**

7. Damages in Shipment:

Regardless of your shipping terms, we will assist you if the merchandise is verified as damaged in transit. If this occurs, please take the following action:

- Do not accept a visibly damaged product until the person making the delivery has endorsed the air bill/bill of lading with a statement of the extent of the damage.
- If damage is concealed and found after unpacking, retain all packing material and immediately call us. Concealed damage must be reported within 24 hours from time of receipt of shipment.
- Notify us immediately of damages so that we can provide you with assistance on the claim with the freight carrier. When calling, please have the sales order number at hand.
- Please send us copies of all airbills/bills of lading and inspection reports.

8. Limitation of Liability:

In no event shall TESSCO be liable to you under any cause of action or claim of any nature whatsoever regardless of whether characterized as tort, negligence, contract, warranty, or otherwise, for any loss of profits or other economic loss, including, but not limited to, such losses as (i) wages paid to your employees (ii) lost revenue, (iii) lost use of equipment, (iv) purchase, lease, or other acquisition of replacement substitute, or temporary equipment, facilities or services, (v) costs of capital, (vi) costs or losses related to downtime, (vii) manual labor costs, or (viii) any other indirect, incidental, special, consequential, or other similar damages arising out of any claim relating to your purchases of goods or services from TESSCO including losses resulting from your general or particular requirements or needs, whether or not TESSCO, at time of contracting, had reason to know of such requirements or needs, and whether or not such losses could have been reasonable prevented by you by cover or otherwise. **TESSCO's liability to you shall in no event exceed the purchase price of the nonconforming goods or services giving rise to TESSCO's liability to you.**

9. Choice of Law, Forum Selection:

Finally, TESSCO controls and operates its business from its offices at Hunt Valley, Maryland USA. Consequently, any questions relating to these Terms and Conditions or their application in a particular situation shall be governed by the laws of the United States and the State of Maryland. Any legal or equitable action of whatever nature brought by you against TESSCO arising out of or related in any respect to these Terms and Conditions or your purchases or other dealings with TESSCO shall be brought solely in either the United States District Court for the District of Maryland located in Baltimore City or the appropriate court of the State of Maryland located in the jurisdiction where TESSCO has its principal place of business.

10. Amendments:

By purchasing from TESSCO you agree to be bound by these Terms and Conditions in effect at the time of your purchase. You agree that TESSCO may change any of these Terms and Conditions upon 15 days prior written notice to you, and that such changed Terms and Conditions will thereafter apply to any new transactions between you and TESSCO. You agree that in the event that any portion of these Terms and Conditions is found to be unenforceable, the remainder of these Terms and Conditions will remain in full force and effect.

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